

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091823\
 Data File : VN079288.D
 Acq On : 18 Sep 2023 15:52
 Operator : JC\MD
 Sample : VN0918WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBS01

Quant Time: Sep 19 01:23:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 09/19/2023
 Supervised By :Semsettin Yesilyurt 09/19/2023

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 Supervised By :Semsettin
 Yesilyurt

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	168521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	317353	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	263966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	113433	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.582	65	124839	54.877	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.760%	
35) Dibromofluoromethane	8.171	113	95813	45.388	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 90.780%	
50) Toluene-d8	10.571	98	358782	46.287	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 92.580%	
62) 4-Bromofluorobenzene	12.853	95	108942	44.062	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.120%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.130	85	32581	19.540	ug/l	97
3) Chloromethane	2.365	50	43768	19.995	ug/l	98
4) Vinyl Chloride	2.512	62	46848	19.643	ug/l	100
5) Bromomethane	2.953	94	27712	20.214	ug/l	97
6) Chloroethane	3.124	64	34914	22.348	ug/l	99
7) Trichlorofluoromethane	3.495	101	60224	17.244	ug/l	97
8) Diethyl Ether	3.965	74	21034	17.352	ug/l	64
9) 1,1,2-Trichlorotrifluo...	4.377	101	33283	17.920	ug/l	96
10) Methyl Iodide	4.589	142	30545	20.104	ug/l	93
11) Tert butyl alcohol	5.524	59	32248	76.783	ug/l	98
12) 1,1-Dichloroethene	4.347	96	29736	16.544	ug/l	93
13) Acrolein	4.189	56	33489	83.592	ug/l	98
14) Allyl chloride	5.024	41	54312	18.943	ug/l #	90
15) Acrylonitrile	5.730	53	95716	87.892	ug/l	97
16) Acetone	4.436	43	94713	98.031	ug/l	90
17) Carbon Disulfide	4.712	76	81916	14.582	ug/l	99
18) Methyl Acetate	5.036	43	73005	18.386	ug/l #	84
19) Methyl tert-butyl Ether	5.806	73	108187	17.551	ug/l #	91
20) Methylene Chloride	5.283	84	41811	17.783	ug/l #	84
21) trans-1,2-Dichloroethene	5.783	96	34625	16.607	ug/l #	84
22) Diisopropyl ether	6.671	45	126101	20.045	ug/l #	90
23) Vinyl Acetate	6.612	43	345293	89.236	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	72806	18.774	ug/l	95
25) 2-Butanone	7.488	43	128771	91.860	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	59667	18.749	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	41811	17.538	ug/l	86
28) Bromochloromethane	7.818	49	29197	16.652	ug/l #	71
29) Tetrahydrofuran	7.841	42	82062	91.989	ug/l #	75
30) Chloroform	7.971	83	76027	18.829	ug/l	98
31) Cyclohexane	8.259	56	57494	17.309	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	65580	19.054	ug/l	93
36) 1,1-Dichloropropene	8.377	75	52782	16.222	ug/l	95
37) Ethyl Acetate	7.571	43	53530	16.494	ug/l #	91
38) Carbon Tetrachloride	8.365	117	53695	15.947	ug/l	97
39) Methylcyclohexane	9.606	83	50493	15.732	ug/l #	80
40) Benzene	8.612	78	161797	16.244	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.783	41	28196	17.231	ug/l	#	84
42) 1,2-Dichloroethane	8.677	62	60240	17.567	ug/l		98
43) Isopropyl Acetate	8.694	43	89124	16.830	ug/l	#	89
44) Trichloroethene	9.359	130	37104	15.121	ug/l		99
45) 1,2-Dichloropropane	9.624	63	43624	17.647	ug/l		91
46) Dibromomethane	9.712	93	29150	17.370	ug/l		96
47) Bromodichloromethane	9.888	83	61339	17.846	ug/l	#	98
48) Methyl methacrylate	9.682	41	38819	16.366	ug/l	#	84
49) 1,4-Dioxane	9.694	88	14849	304.364	ug/l	#	78
51) 4-Methyl-2-Pentanone	10.447	43	263025	85.564	ug/l		89
52) Toluene	10.635	92	98075	16.022	ug/l		94
53) t-1,3-Dichloropropene	10.841	75	58910	16.254	ug/l		99
54) cis-1,3-Dichloropropene	10.318	75	64272	16.580	ug/l	#	89
55) 1,1,2-Trichloroethane	11.018	97	39931	16.624	ug/l		97
56) Ethyl methacrylate	10.876	69	53494	15.777	ug/l	#	80
57) 1,3-Dichloropropane	11.171	76	69821	16.815	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.165	63	112842	85.317	ug/l		90
59) 2-Hexanone	11.200	43	188687	84.747	ug/l		85
60) Dibromochloromethane	11.359	129	41521	16.243	ug/l		100
61) 1,2-Dibromoethane	11.471	107	38407	16.023	ug/l		96
64) Tetrachloroethene	11.106	164	32048	16.650	ug/l		95
65) Chlorobenzene	11.894	112	100959	16.883	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.965	131	39436	17.587	ug/l		99
67) Ethyl Benzene	11.965	91	181210	17.716	ug/l		93
68) m/p-Xylenes	12.076	106	135674	35.587	ug/l		96
69) o-Xylene	12.406	106	64907	17.751	ug/l		95
70) Styrene	12.418	104	106018	18.028	ug/l		99
71) Bromoform	12.582	173	26108	15.771	ug/l	#	97
73) Isopropylbenzene	12.700	105	165327	16.019	ug/l		99
74) N-amyl acetate	12.500	43	59574	15.215	ug/l	#	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	59268	15.422	ug/l		99
76) 1,2,3-Trichloropropane	13.000	75	51600m	16.878	ug/l		
77) Bromobenzene	12.982	156	38635	14.784	ug/l		97
78) n-propylbenzene	13.041	91	195018	16.821	ug/l		97
79) 2-Chlorotoluene	13.129	91	118716	15.656	ug/l		99
80) 1,3,5-Trimethylbenzene	13.176	105	138826	16.144	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.741	75	15337	13.792	ug/l	#	84
82) 4-Chlorotoluene	13.229	91	113136	15.879	ug/l		99
83) tert-Butylbenzene	13.441	119	112324	15.789	ug/l		98
84) 1,2,4-Trimethylbenzene	13.488	105	142632	17.416	ug/l		96
85) sec-Butylbenzene	13.623	105	172975	17.662	ug/l		100
86) p-Isopropyltoluene	13.735	119	135931	17.372	ug/l		99
87) 1,3-Dichlorobenzene	13.741	146	72308	16.870	ug/l		98
88) 1,4-Dichlorobenzene	13.817	146	69724	16.098	ug/l		98
89) n-Butylbenzene	14.059	91	103761	16.864	ug/l		97
90) Hexachloroethane	14.335	117	25736	16.197	ug/l		93
91) 1,2-Dichlorobenzene	14.112	146	70377	16.633	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8242	14.108	ug/l		98
93) 1,2,4-Trichlorobenzene	15.394	180	17312	11.385	ug/l		93
94) Hexachlorobutadiene	15.506	225	14074	11.766	ug/l		94
95) Naphthalene	15.647	128	42482	9.407	ug/l		99
96) 1,2,3-Trichlorobenzene	15.847	180	20733	11.559	ug/l		99

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Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01

Manual Integrations
APPROVED

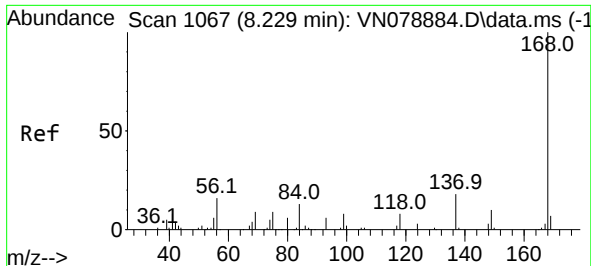
Reviewed By :John Carlone 09/19/2023
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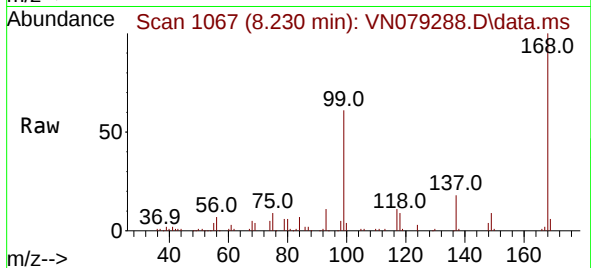
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

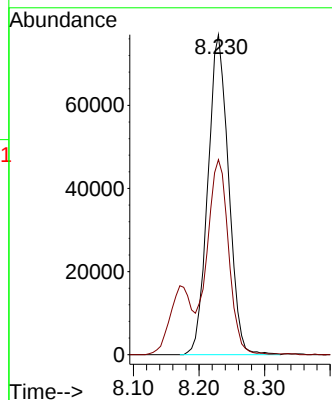
Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01



Tgt Ion:168 Resp: 16852
Ion Ratio Lower Upper
168 100
99 60.7 53.0 79.6

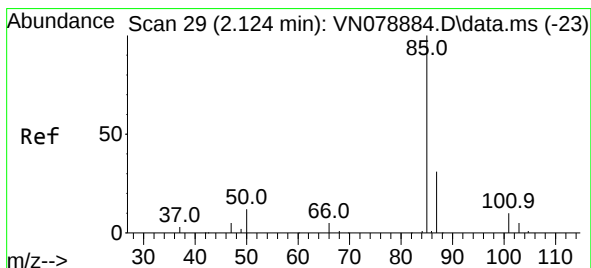
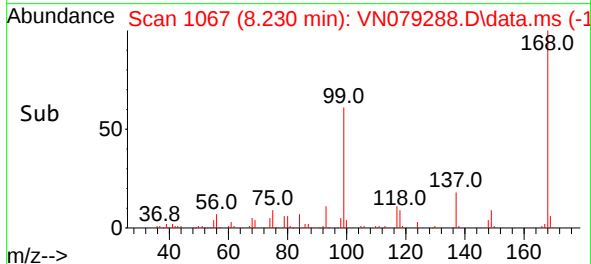
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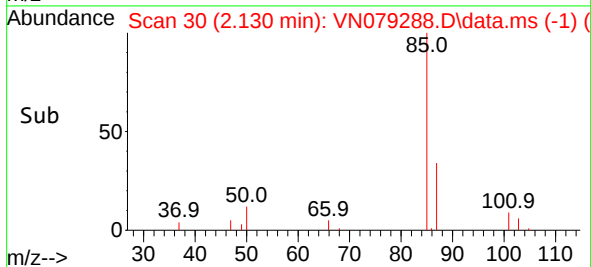
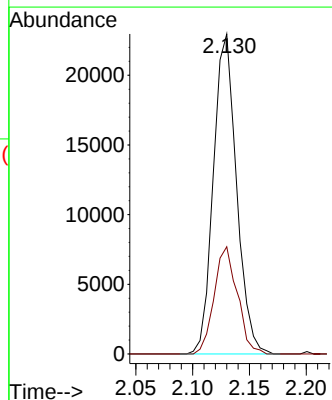
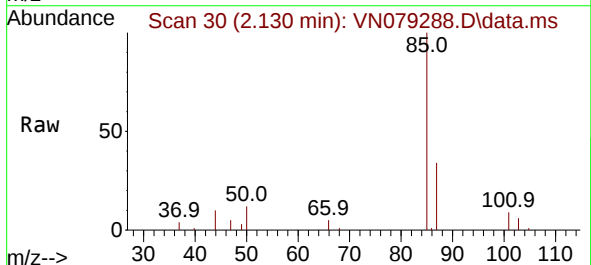
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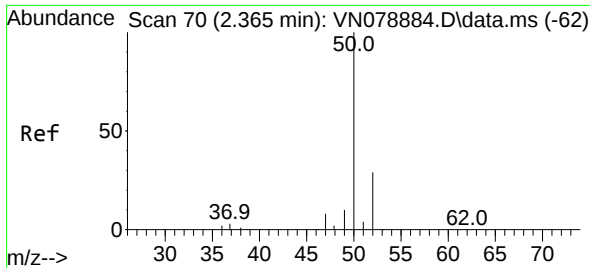
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#2
Dichlorodifluoromethane
Concen: 19.540 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

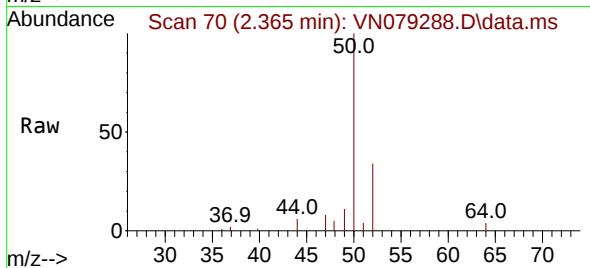
Tgt Ion: 85 Resp: 32581
Ion Ratio Lower Upper
85 100
87 33.5 15.8 47.4





#3
Chloromethane
Concen: 19.995 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

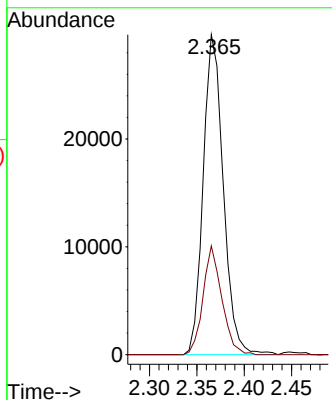
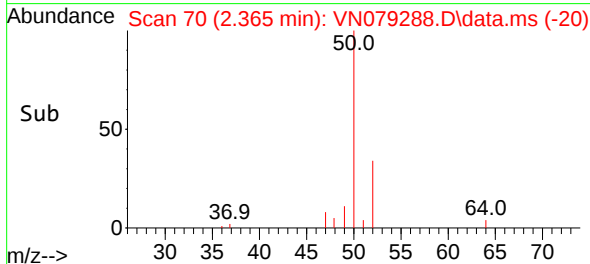
Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01



Tgt Ion: 50 Resp: 43768
Ion Ratio Lower Upper
50 100
52 34.0 26.5 39.7

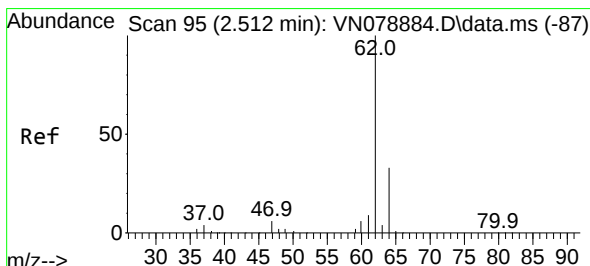
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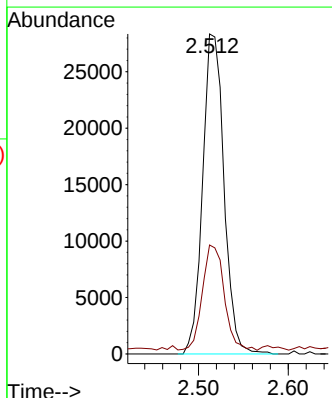
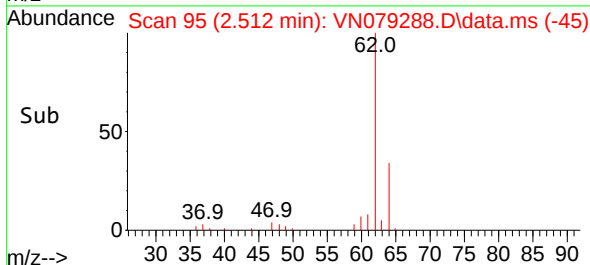
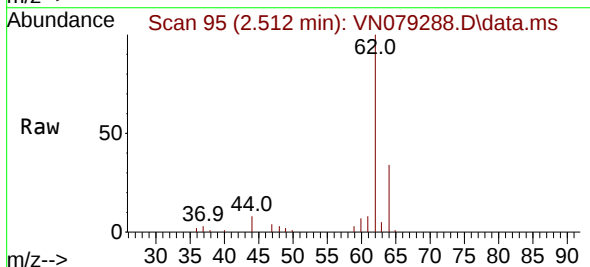
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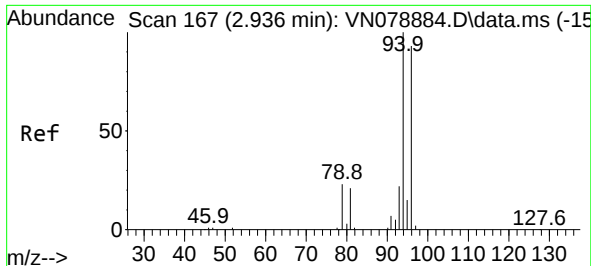
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#4
Vinyl Chloride
Concen: 19.643 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Tgt Ion: 62 Resp: 46848
Ion Ratio Lower Upper
62 100
64 32.8 26.2 39.2





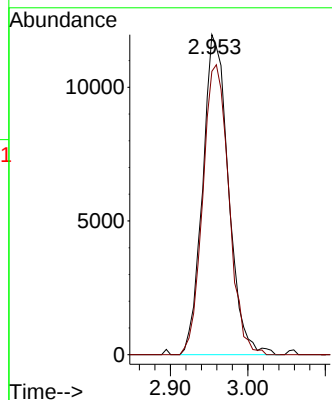
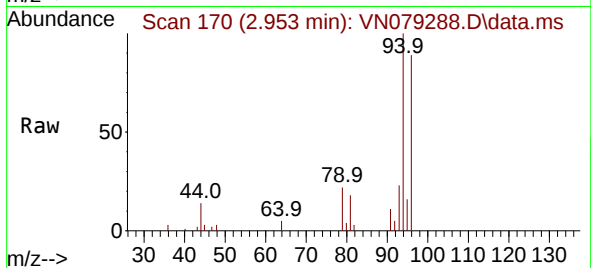
#5
Bromomethane
Concen: 20.214 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 2771
Ion Ratio Lower Upper
94 100
96 88.6 73.1 109.7

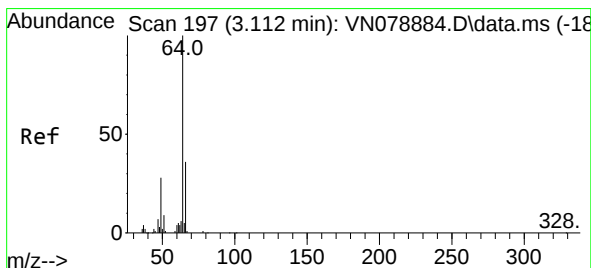
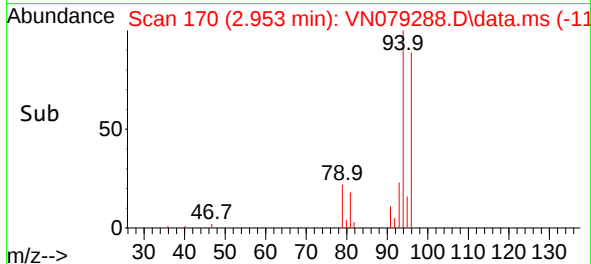
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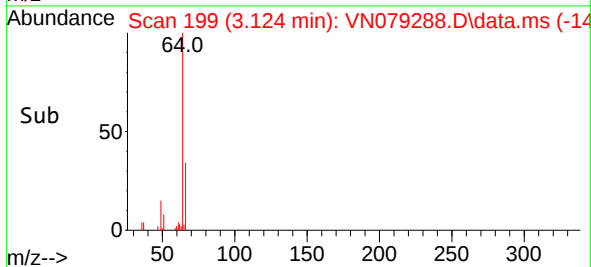
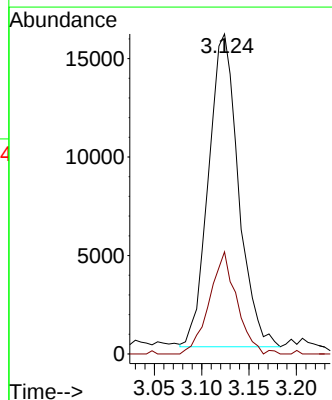
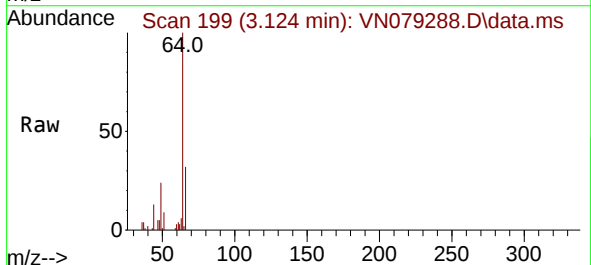
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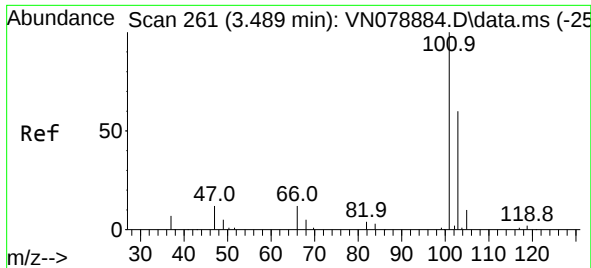
09/19/2023



#6
Chloroethane
Concen: 22.348 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Tgt Ion: 64 Resp: 34914
Ion Ratio Lower Upper
64 100
66 32.6 25.4 38.2





#7
Trichlorofluoromethane
Concen: 17.244 ug/l
RT: 3.495 min Scan# 210
Delta R.T. -0.006 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01

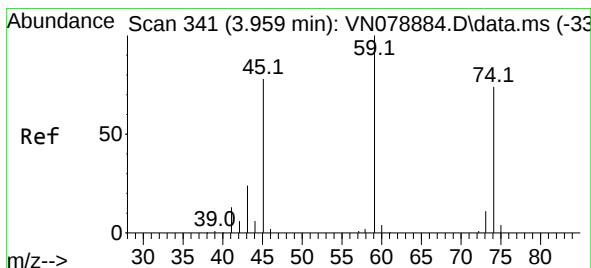
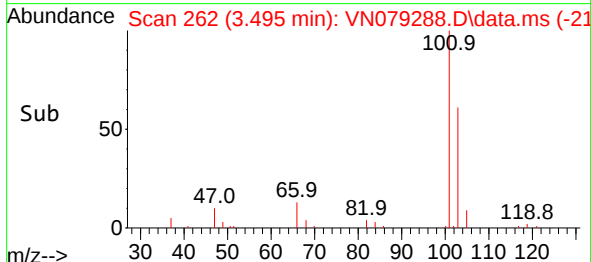
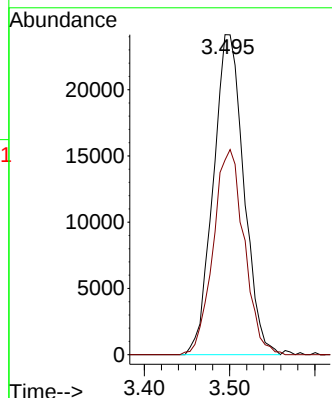
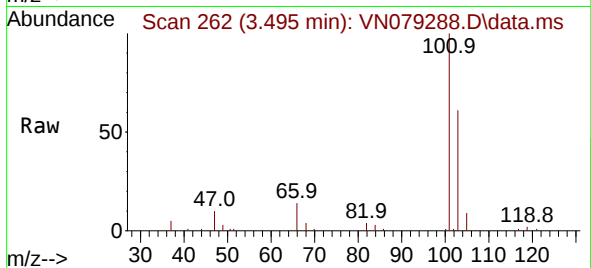
Tgt Ion:101 Resp: 60224
Ion Ratio Lower Upper
101 100
103 60.8 50.7 76.1

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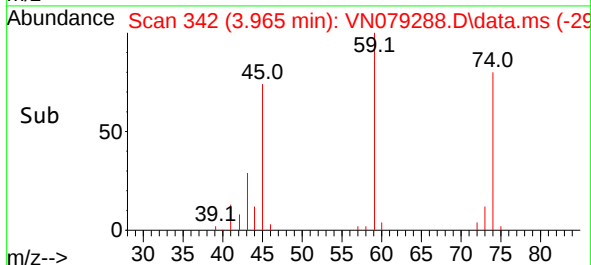
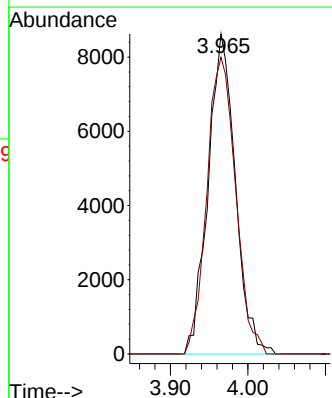
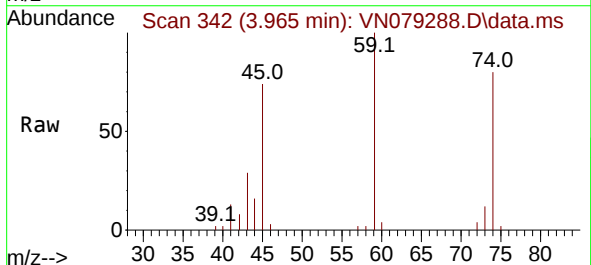
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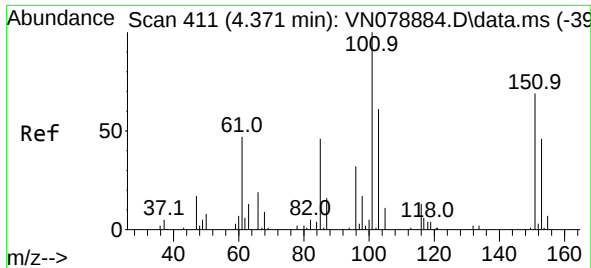
09/19/2023



#8
Diethyl Ether
Concen: 17.352 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Tgt Ion: 74 Resp: 21034
Ion Ratio Lower Upper
74 100
45 98.2 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.920 ug/l
RT: 4.377 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Instrument :
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ClientSampleId :
VN0918WBS01

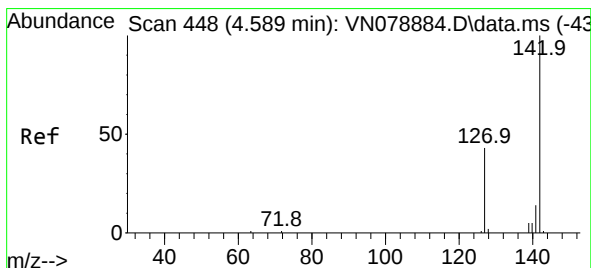
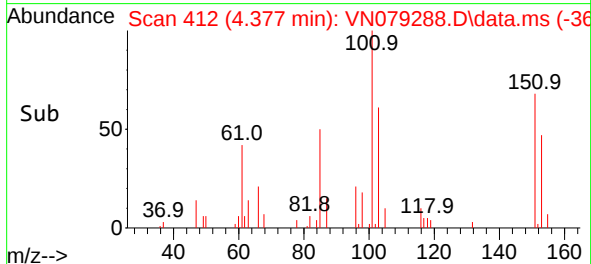
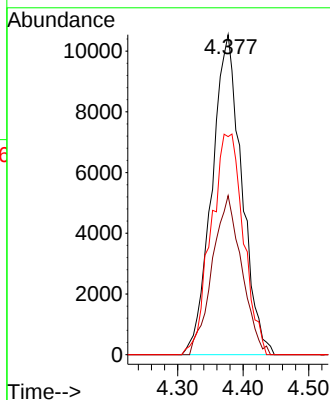
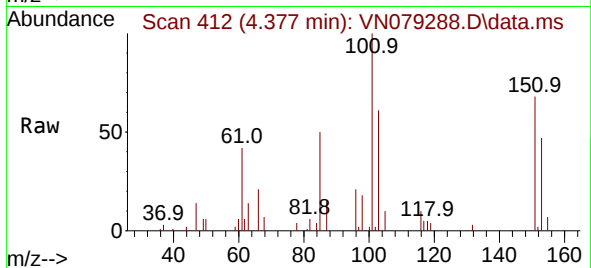
Tgt Ion:101 Resp: 3328
Ion Ratio Lower Upper
101 100
85 49.2 36.6 55.0
151 75.0 57.6 86.4

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Supervised By :Semsettin Yesilyurt 09/19/2023

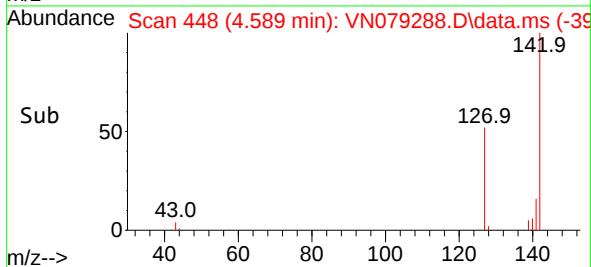
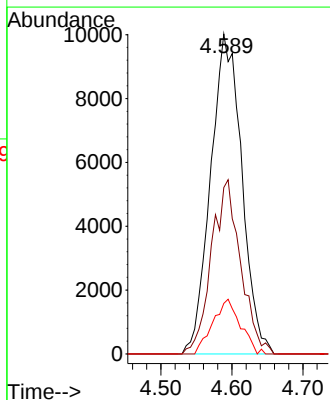
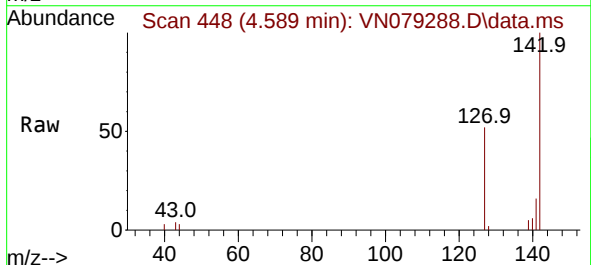
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Supervised By :Semsettin
Yesilyurt

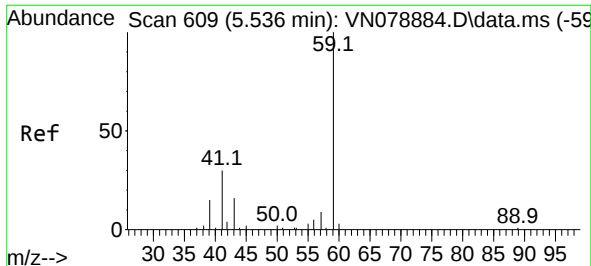
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#10
Methyl Iodide
Concen: 20.104 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

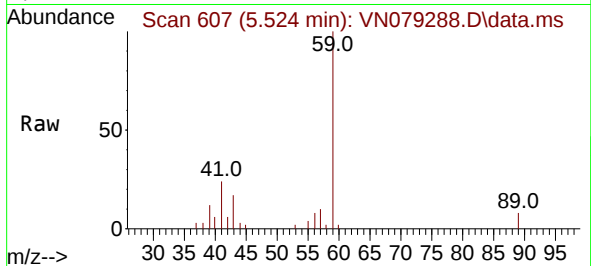
Tgt Ion:142 Resp: 30545
Ion Ratio Lower Upper
142 100
127 52.0 37.6 56.4
141 15.8 11.4 17.0





#11
Tert butyl alcohol
Concen: 76.783 ug/l
RT: 5.524 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

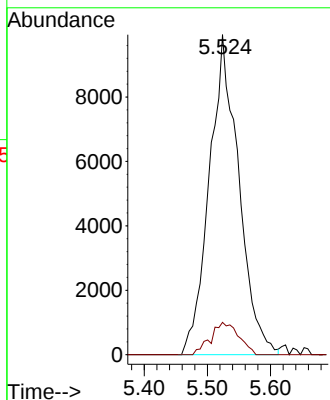
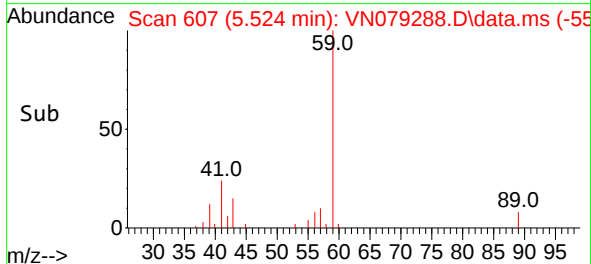
Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01



Tgt Ion: 59 Resp: 32248
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.4

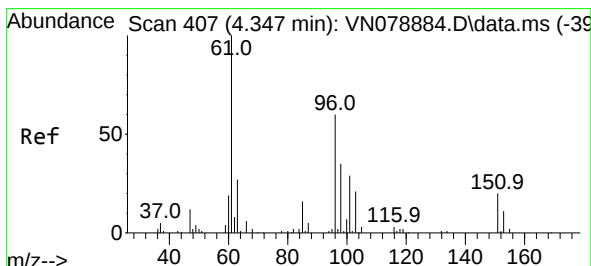
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Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023

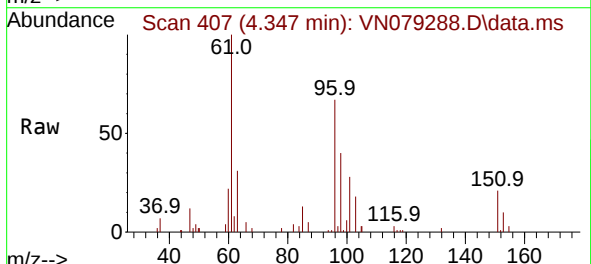


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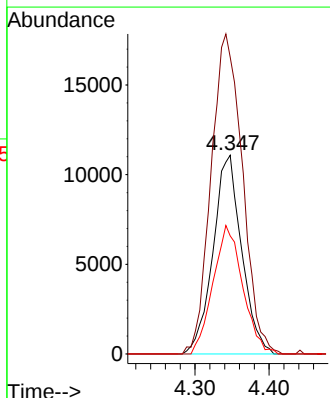
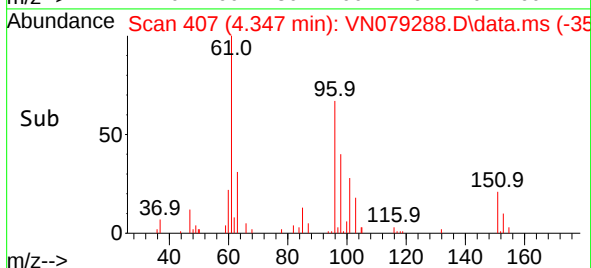
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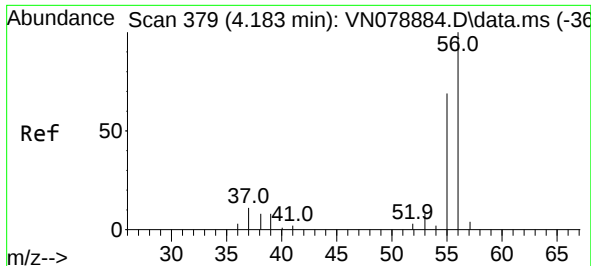


#12
1,1-Dichloroethene
Concen: 16.544 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.001 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52



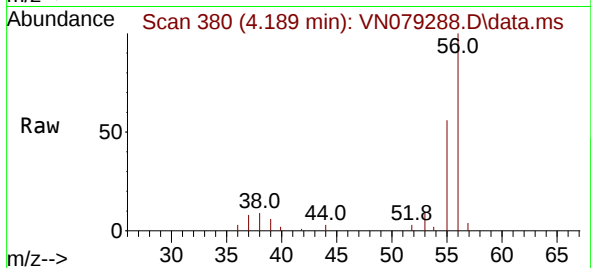
Tgt Ion: 96 Resp: 29736
Ion Ratio Lower Upper
96 100
61 149.4 112.7 169.1
98 59.4 51.2 76.8





#13
Acrolein
Concen: 83.592 ug/l
RT: 4.189 min Scan# 379
Delta R.T. -0.006 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

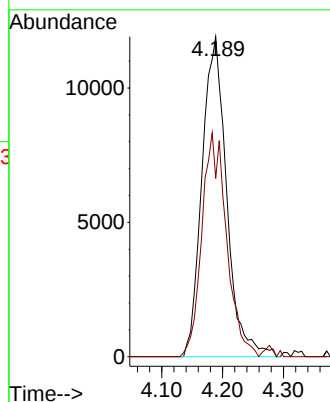
Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01



Tgt Ion: 56 Resp: 33489
Ion Ratio Lower Upper
56 100
55 70.0 54.5 81.7

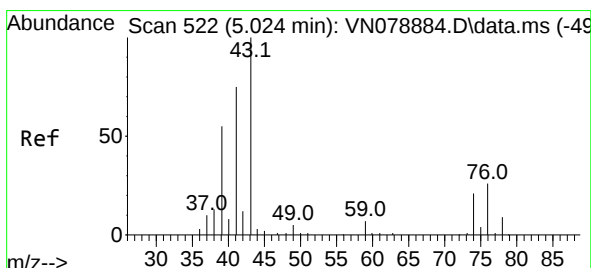
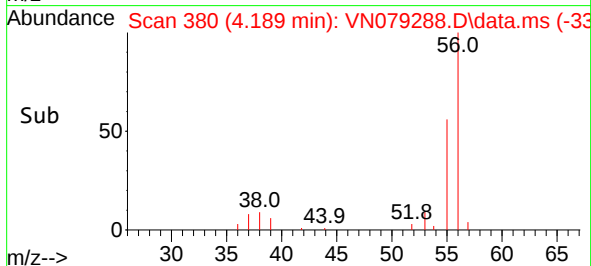
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Supervised By :Semsettin Yesilyurt 09/19/2023



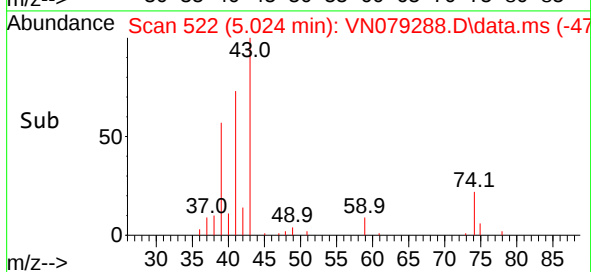
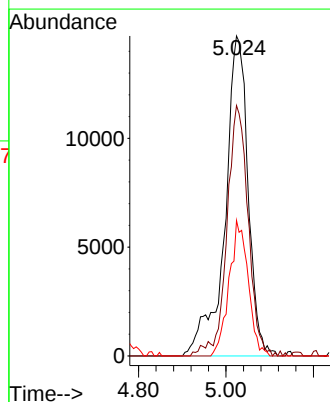
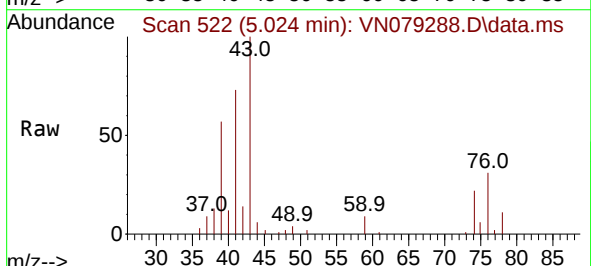
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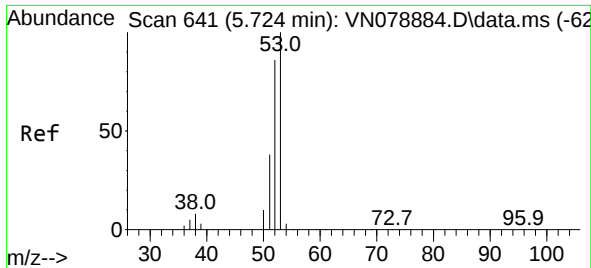
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#14
Allyl chloride
Concen: 18.943 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

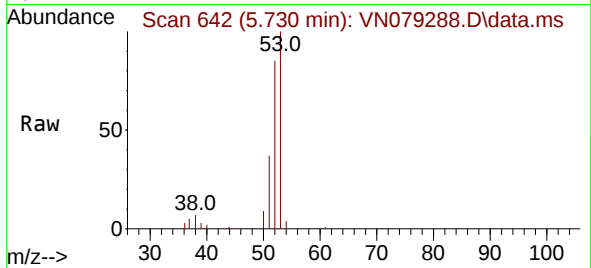
Tgt Ion: 41 Resp: 54312
Ion Ratio Lower Upper
41 100
39 71.2 58.8 88.2
76 34.6 39.1 58.7#





#15
Acrylonitrile
Concen: 87.892 ug/l
RT: 5.730 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01



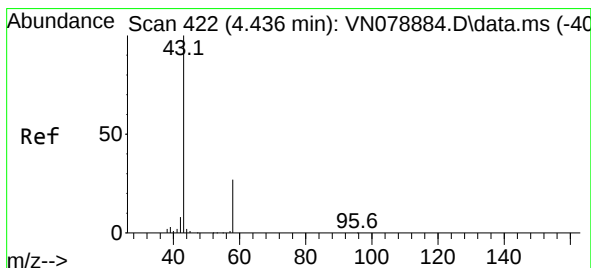
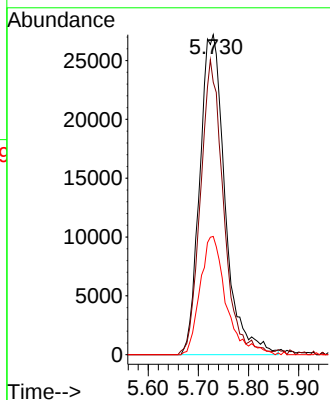
Tgt Ion: 53 Resp: 95710
Ion Ratio Lower Upper
53 100
52 83.7 65.3 97.9
51 37.9 28.9 43.3

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Supervised By :Semsettin Yesilyurt 09/19/2023

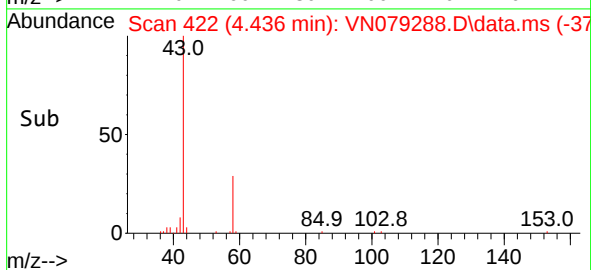
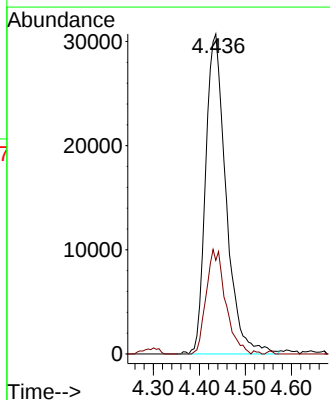
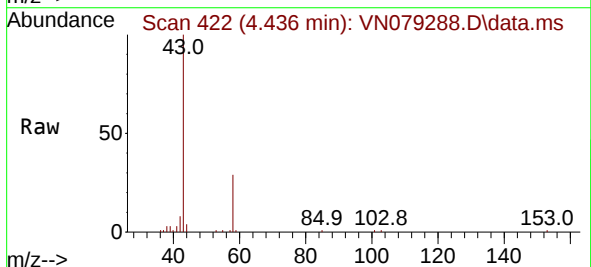
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Supervised By :Semsettin
Yesilyurt

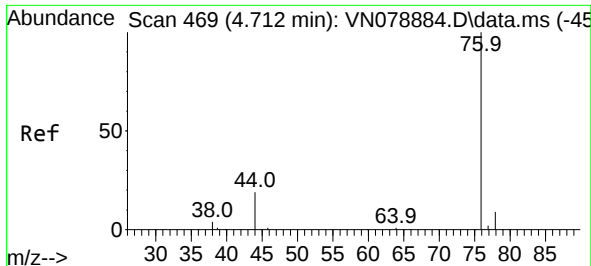
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#16
Acetone
Concen: 98.031 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

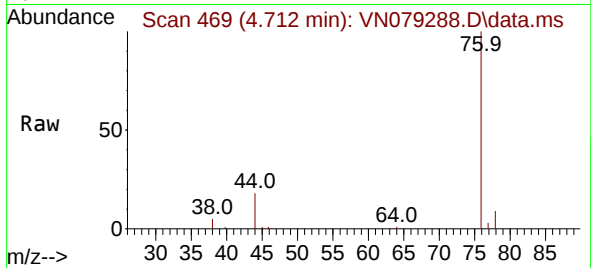
Tgt Ion: 43 Resp: 94713
Ion Ratio Lower Upper
43 100
58 29.3 28.0 42.0





#17
Carbon Disulfide
Concen: 14.582 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.012 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01



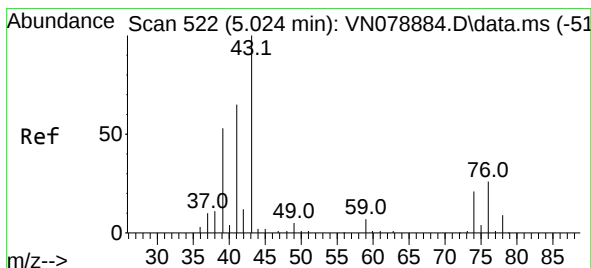
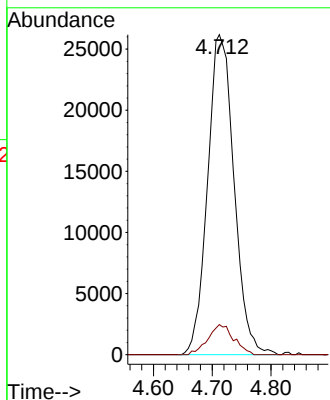
Tgt Ion: 76 Resp: 81910
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

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Supervised By :Semsettin Yesilyurt 09/19/2023

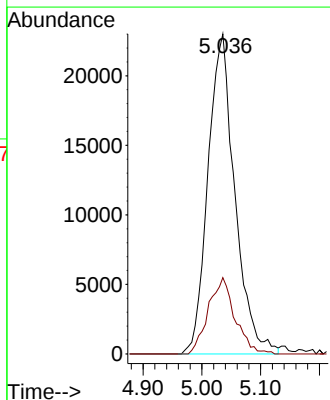
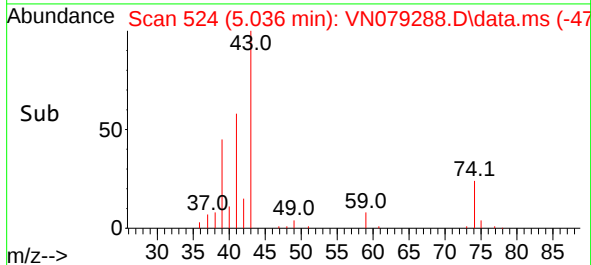
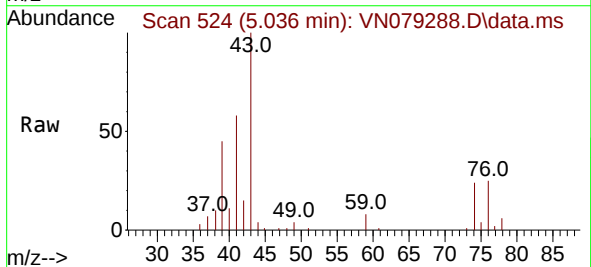
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Supervised By :Semsettin
Yesilyurt

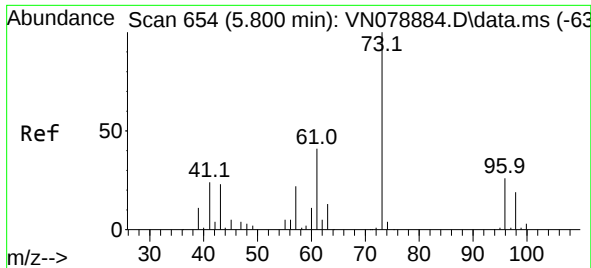
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#18
Methyl Acetate
Concen: 18.386 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Tgt Ion: 43 Resp: 73005
Ion Ratio Lower Upper
43 100
74 23.7 26.2 39.4#





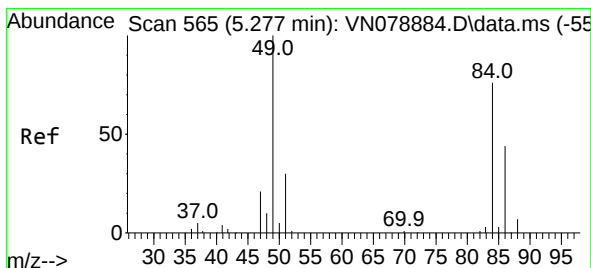
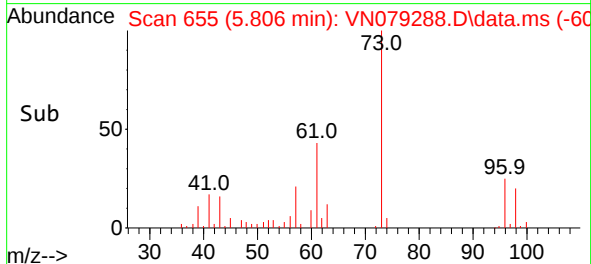
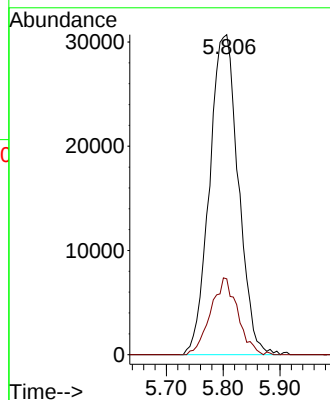
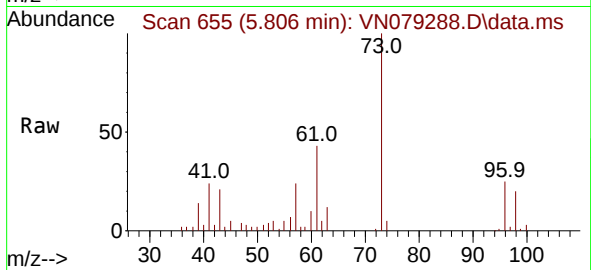
#19
Methyl tert-butyl Ether
Concen: 17.551 ug/l
RT: 5.806 min Scan# 618
Delta R.T. -0.012 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01

Tgt Ion: 73 Resp: 10818
Ion Ratio Lower Upper
73 100
57 23.7 15.6 23.4

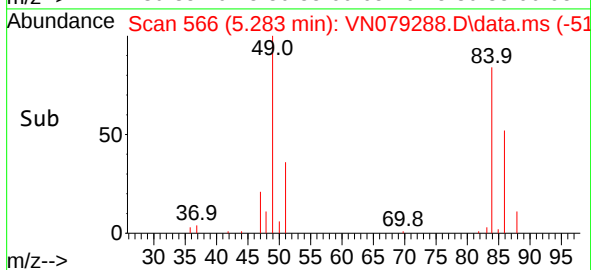
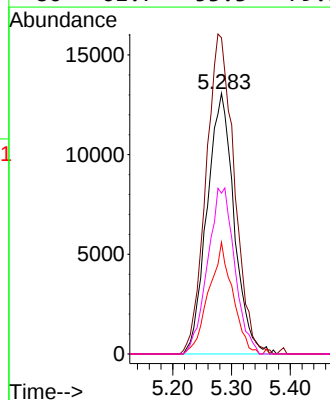
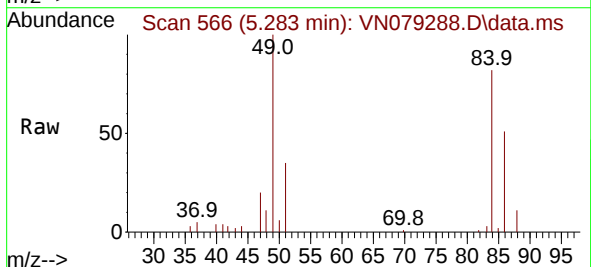
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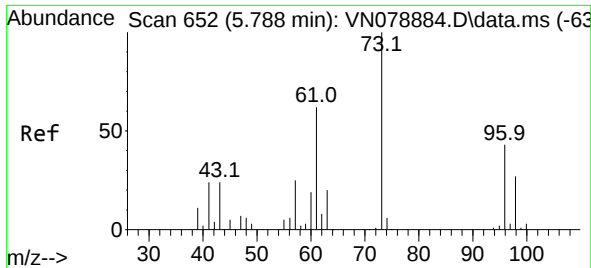
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#20
Methylene Chloride
Concen: 17.783 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Tgt Ion: 84 Resp: 41811
Ion Ratio Lower Upper
84 100
49 121.3 79.7 119.5#
51 42.8 25.2 37.8#
86 61.7 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 16.607 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01

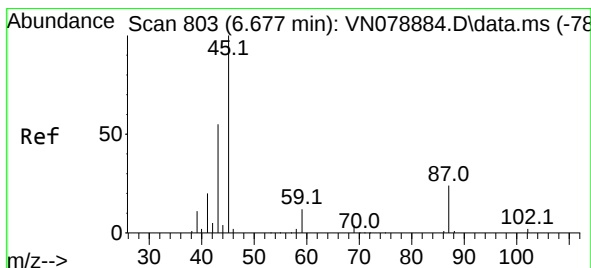
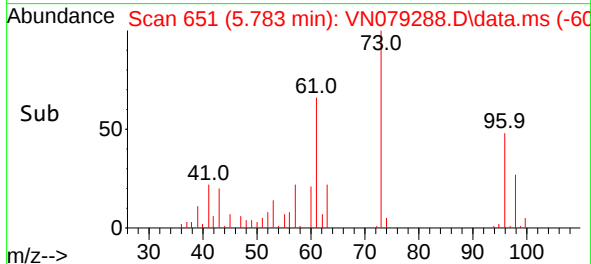
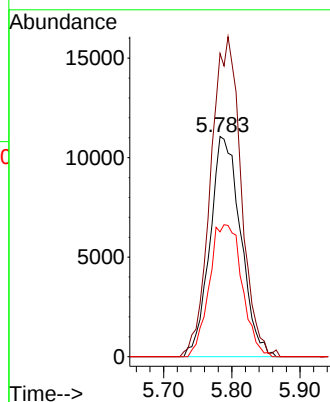
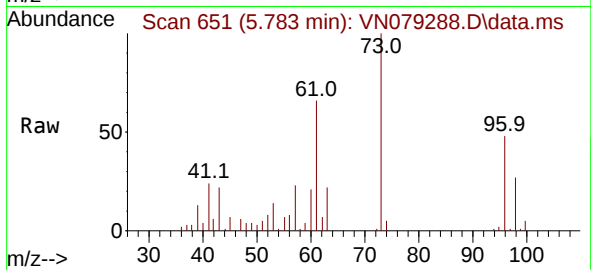
Tgt Ion: 96 Resp: 3462
Ion Ratio Lower Upper
96 100
61 137.7 90.1 135.1
98 56.7 46.4 69.6

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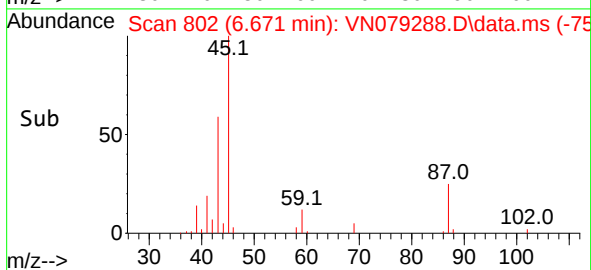
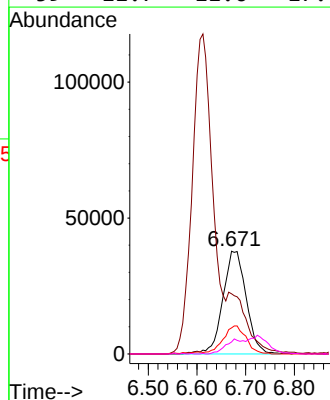
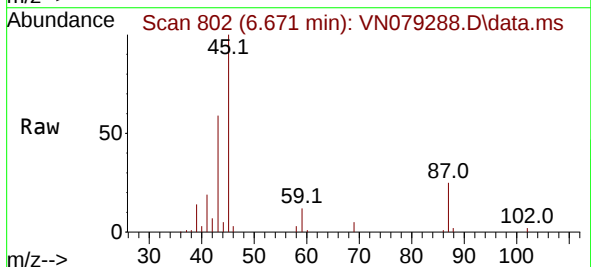
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Supervised By :Semsettin
Yesilyurt

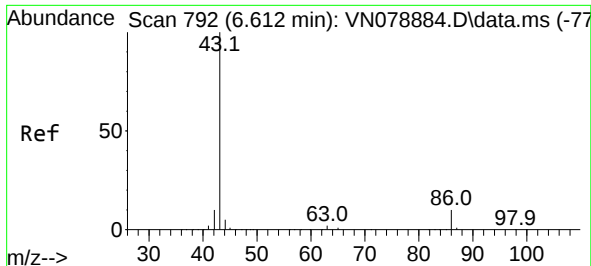
09/19/2023



#22
Diisopropyl ether
Concen: 20.045 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.018 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Tgt Ion: 45 Resp: 126101
Ion Ratio Lower Upper
45 100
43 56.4 45.5 68.3
87 25.4 31.8 47.8
59 11.7 11.6 17.4





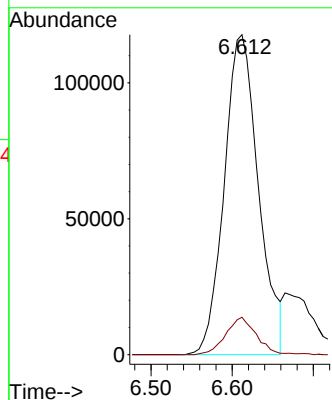
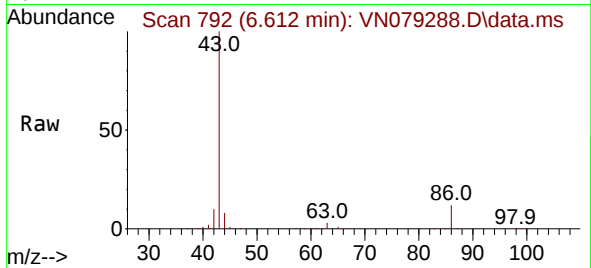
#23
 Vinyl Acetate
 Concen: 89.236 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN079288.D
 Acq: 18 Sep 2023 15:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBS01

Tgt Ion: 43 Resp: 34529
 Ion Ratio Lower Upper
 43 100
 86 11.7 13.0 19.6

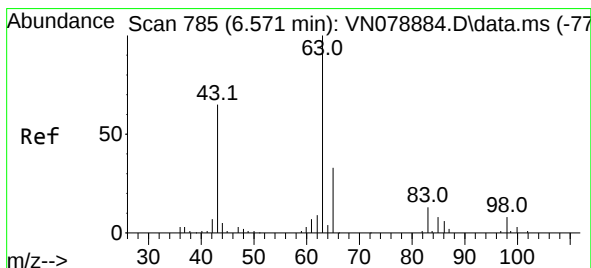
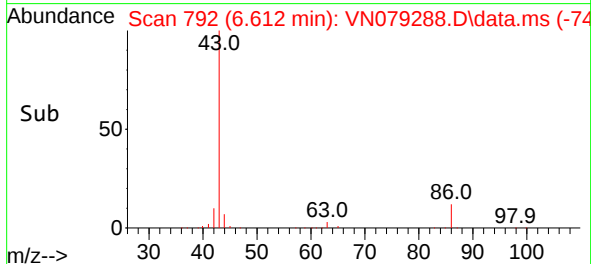
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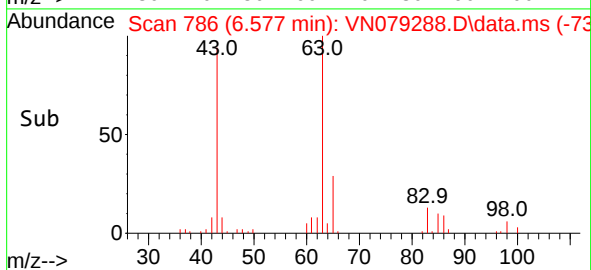
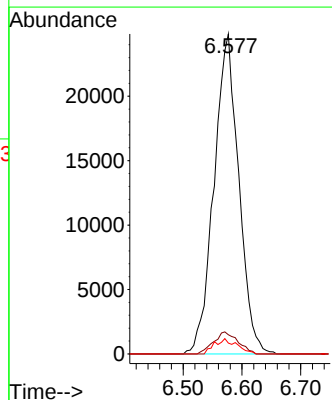
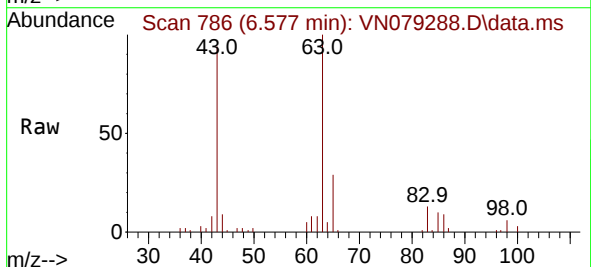
09/19/2023
 Supervised By :Semsettin
 Yesilyurt

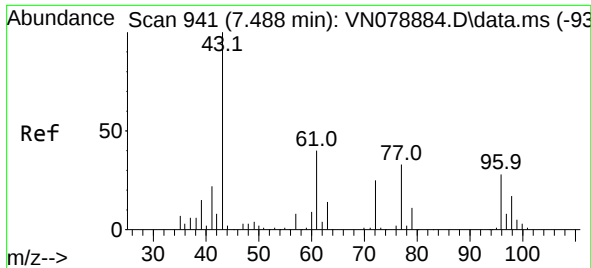
09/19/2023



#24
 1,1-Dichloroethane
 Concen: 18.774 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN079288.D
 Acq: 18 Sep 2023 15:52

Tgt Ion: 63 Resp: 72806
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.9 11.7
 100 3.4 2.5 7.4





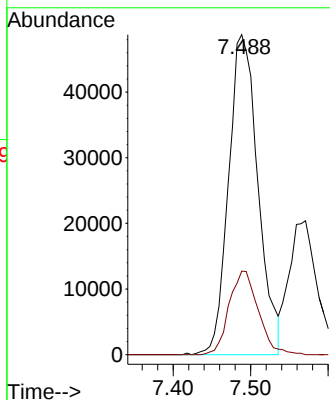
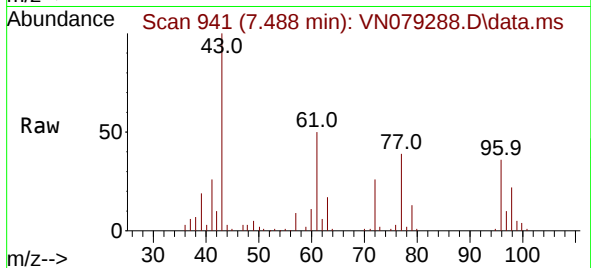
#25
2-Butanone
Concen: 91.860 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01

Tgt Ion: 43 Resp: 12877
Ion Ratio Lower Upper
43 100
72 26.1 30.2 45.2

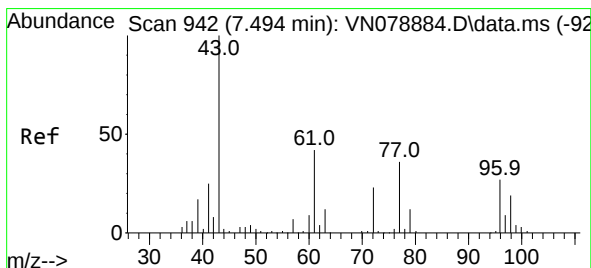
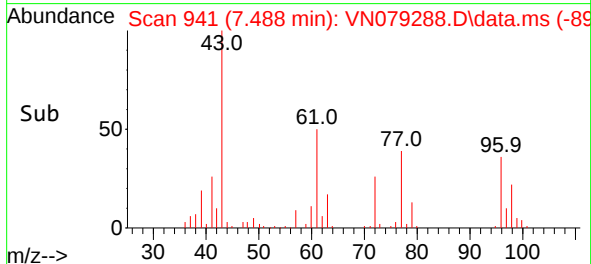
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



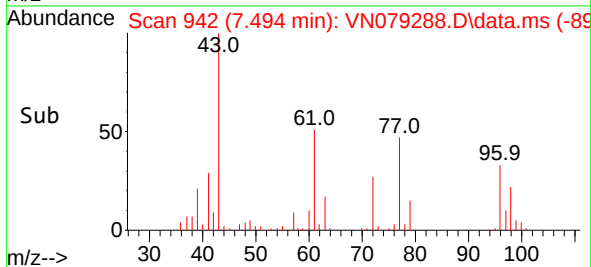
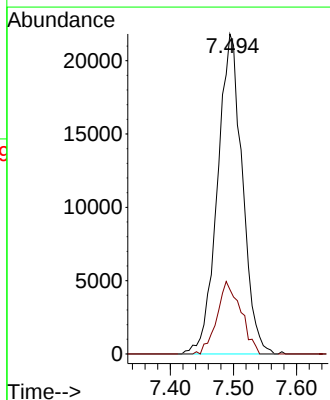
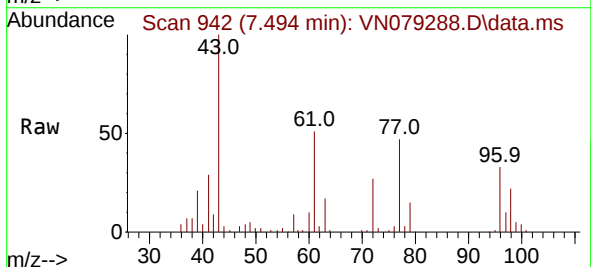
09/19/2023
Supervised By :Semsettin
Yesilyurt

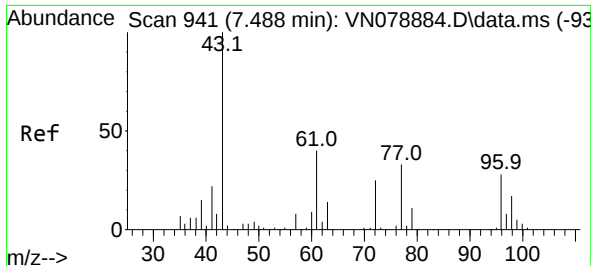
09/19/2023



#26
2,2-Dichloropropane
Concen: 18.749 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

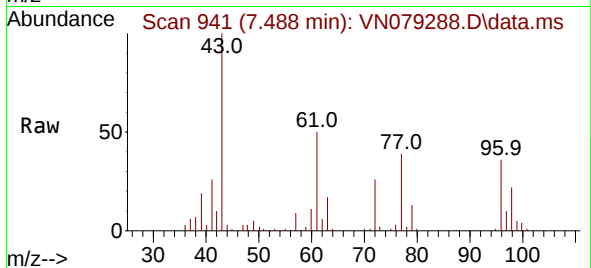
Tgt Ion: 77 Resp: 59667
Ion Ratio Lower Upper
77 100
97 21.8 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 17.538 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.012 min
 Lab File: VN079288.D
 Acq: 18 Sep 2023 15:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBS01



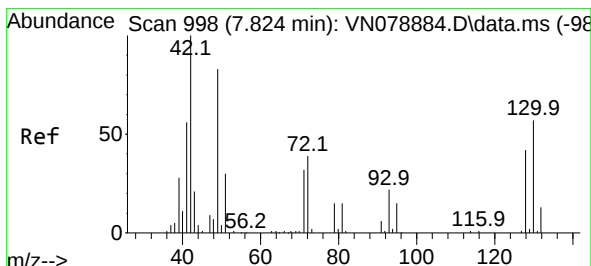
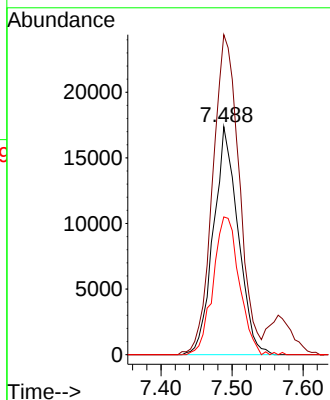
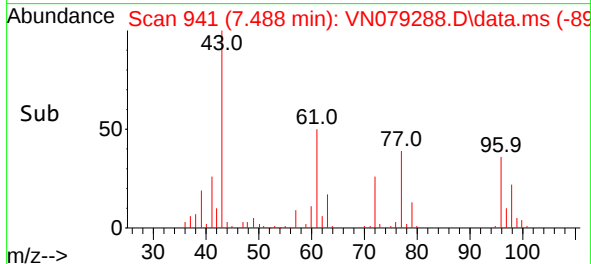
Tgt Ion: 96 Resp: 4181
 Ion Ratio Lower Upper
 96 100
 61 151.0 0.0 255.2
 98 64.1 0.0 128.8

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/19/2023
 Supervised By :Semsettin Yesilyurt 09/19/2023

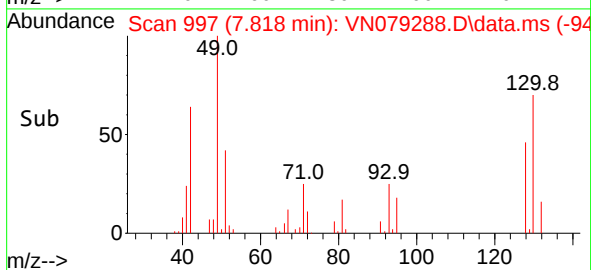
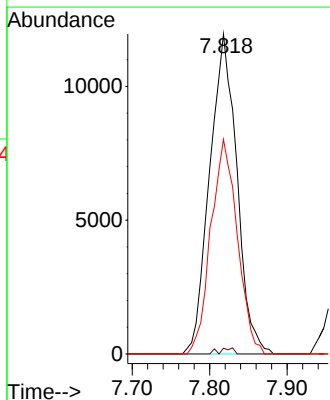
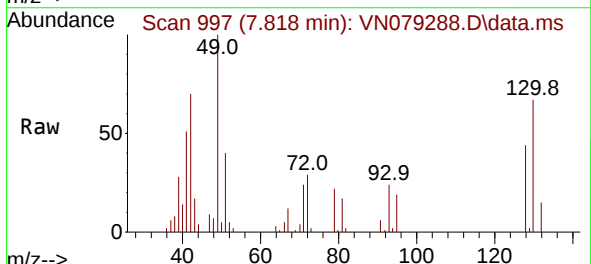
09/19/2023
 Supervised By :Semsettin
 Yesilyurt

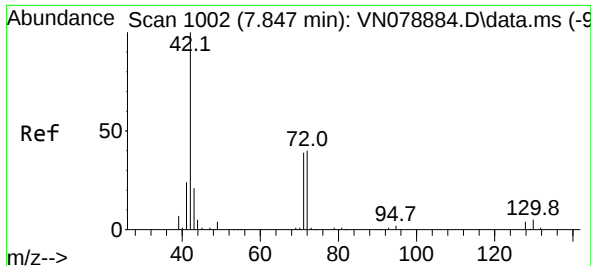
09/19/2023



#28
 Bromochloromethane
 Concen: 16.652 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN079288.D
 Acq: 18 Sep 2023 15:52

Tgt Ion: 49 Resp: 29197
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.8
 130 65.1 75.3 112.9#





#29

Tetrahydrofuran

Concen: 91.989 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VN079288.D

Acq: 18 Sep 2023 15:52

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBS01

Tgt Ion: 42	Resp: 82062
Ion Ratio	Lower Upper
42 100	
72 42.9	49.8 74.6
71 40.6	47.4 71.2

Manual Integrations

APPROVED

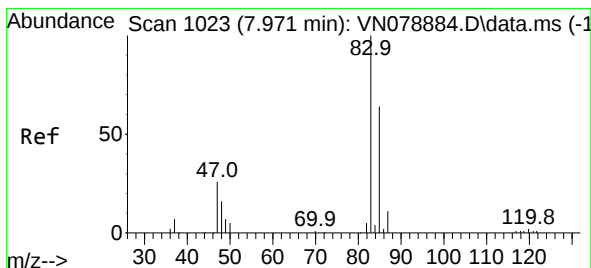
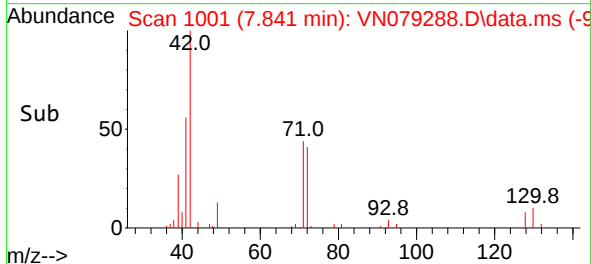
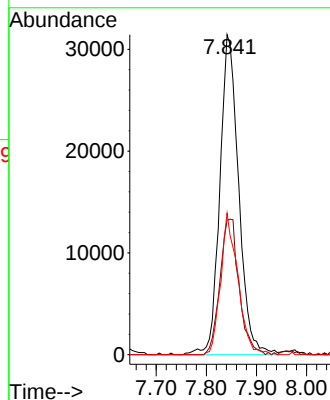
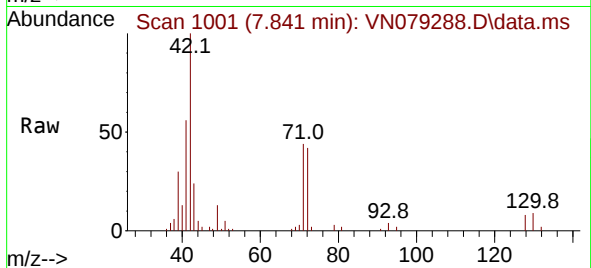
Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023

09/19/2023

Supervised By :Semsettin Yesilyurt

09/19/2023



#30

Chloroform

Concen: 18.829 ug/l

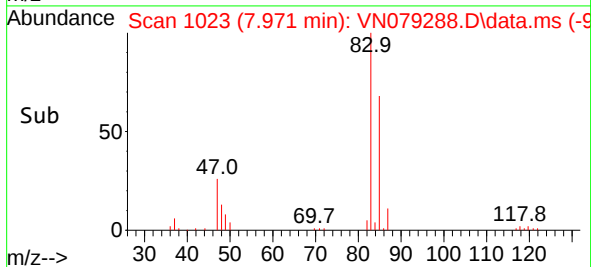
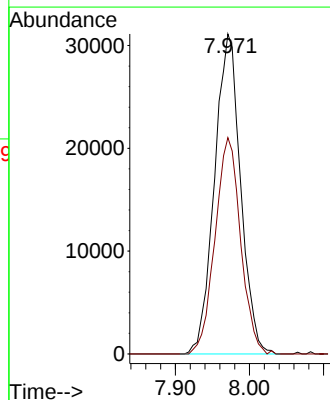
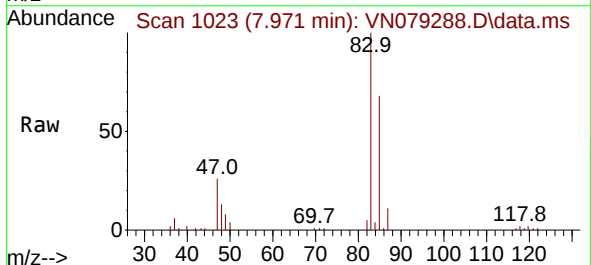
RT: 7.971 min Scan# 1023

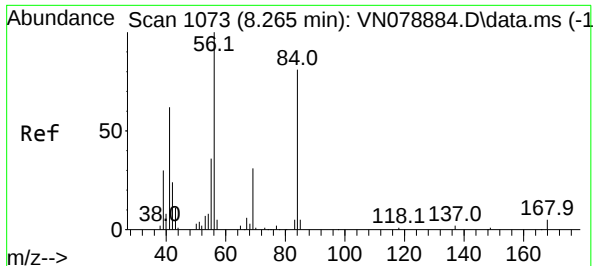
Delta R.T. -0.006 min

Lab File: VN079288.D

Acq: 18 Sep 2023 15:52

Tgt Ion: 83	Resp: 76027
Ion Ratio	Lower Upper
83 100	
85 67.6	55.4 83.0





#31

Cyclohexane

Concen: 17.309 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

Lab File: VN079288.D

Acq: 18 Sep 2023 15:52

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBS01

Tgt Ion: 56 Resp: 57494

Ion	Ratio	Lower	Upper
56	100		
69	34.5	26.8	40.2
84	92.1	81.8	122.6

Manual Integrations

APPROVED

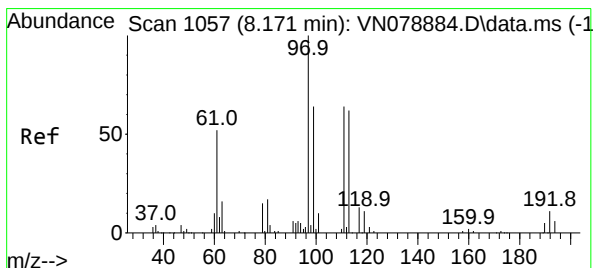
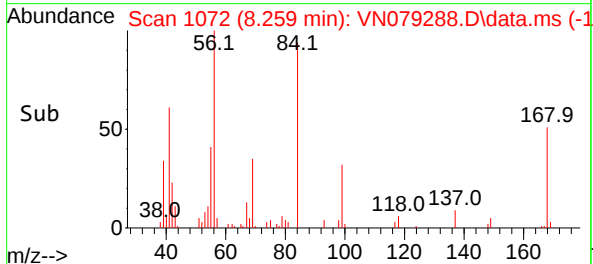
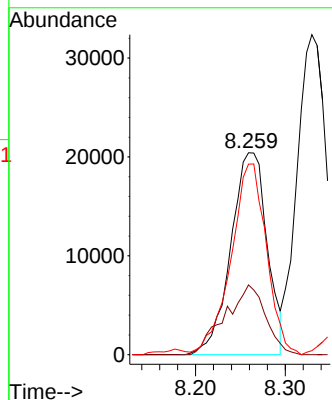
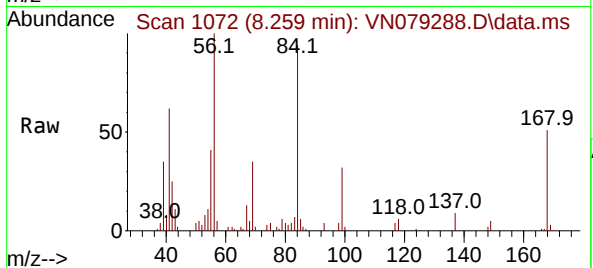
Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023

09/19/2023

Supervised By :Semsettin Yesilyurt

09/19/2023



#32

1,1,1-Trichloroethane

Concen: 19.054 ug/l

RT: 8.177 min Scan# 1058

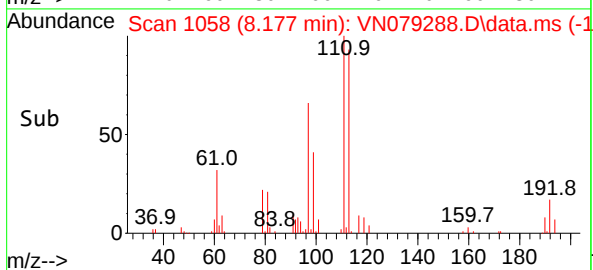
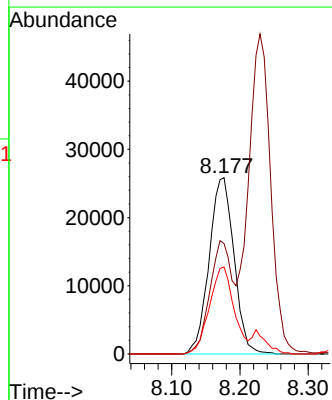
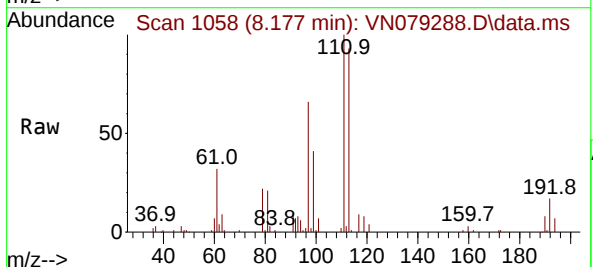
Delta R.T. -0.000 min

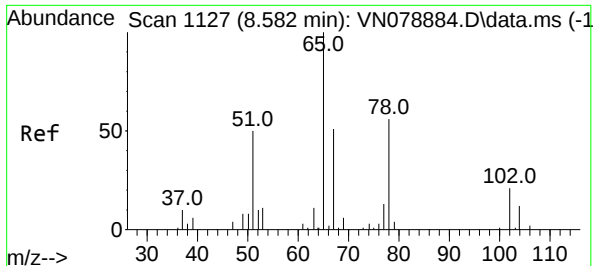
Lab File: VN079288.D

Acq: 18 Sep 2023 15:52

Tgt Ion: 97 Resp: 65580

Ion	Ratio	Lower	Upper
97	100		
99	59.0	50.3	75.5
61	48.9	34.7	52.1





#33

1,2-Dichloroethane-d4

Concen: 54.877 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079288.D

Acq: 18 Sep 2023 15:52

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBS01

Tgt Ion: 65 Resp: 124839

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.6

Manual Integrations

APPROVED

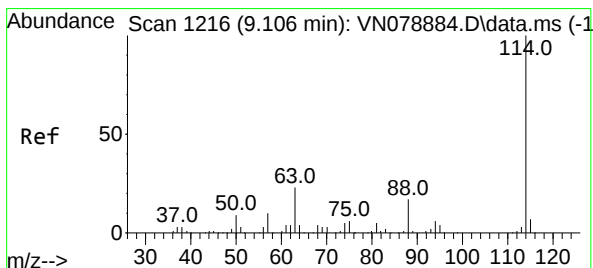
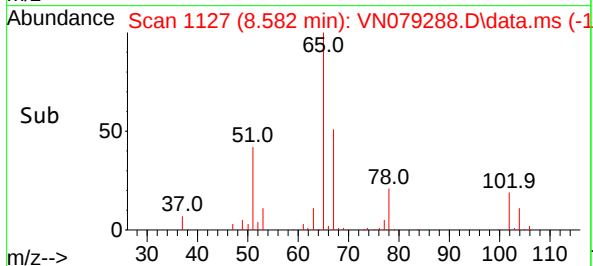
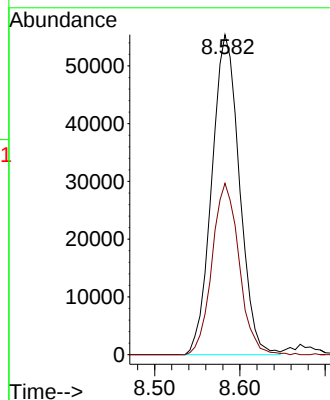
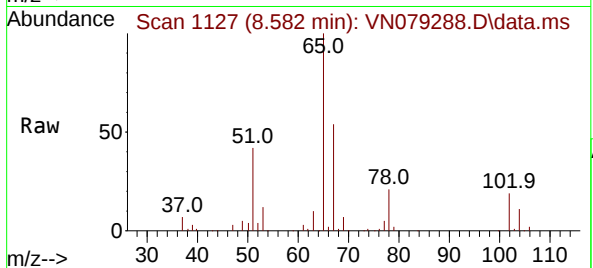
Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023

09/19/2023

Supervised By :Semsettin Yesilyurt

09/19/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079288.D

Acq: 18 Sep 2023 15:52

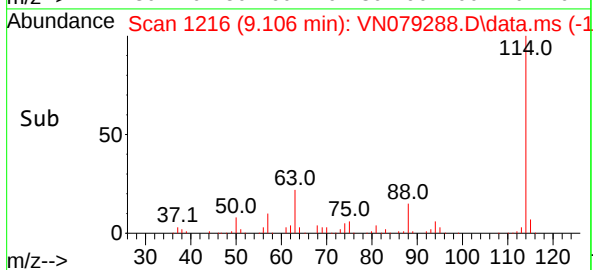
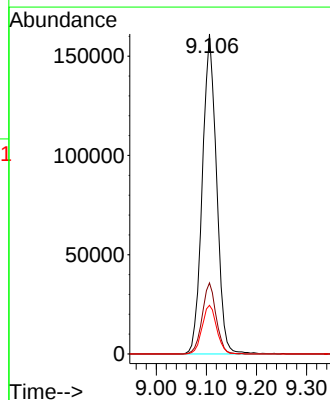
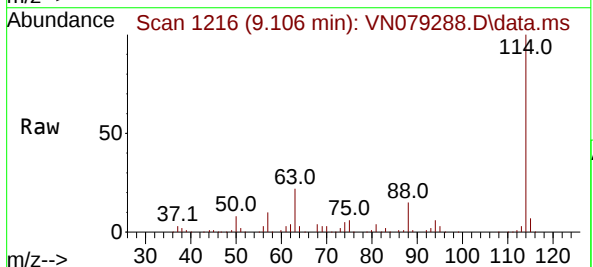
Tgt Ion:114 Resp: 317353

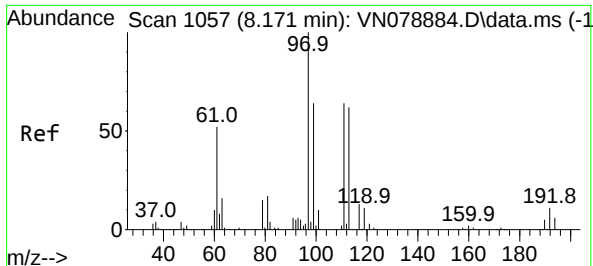
Ion Ratio Lower Upper

114 100

63 22.2 0.0 36.4

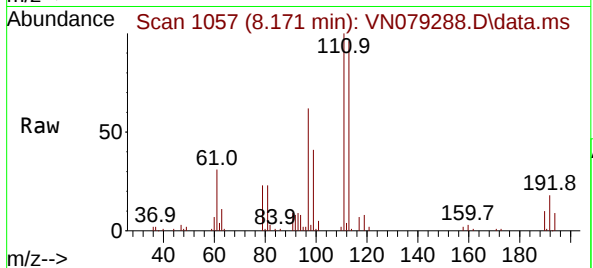
88 15.2 0.0 30.6





#35
Dibromofluoromethane
Concen: 45.388 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01



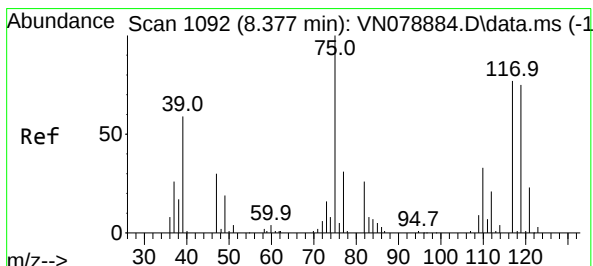
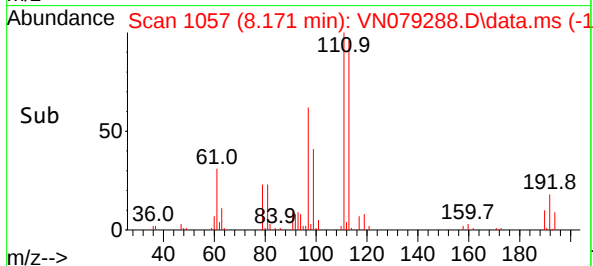
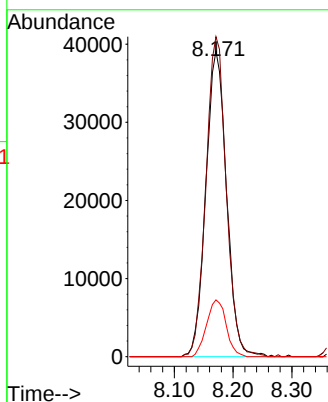
Tgt Ion: 113 Resp: 9581
Ion Ratio Lower Upper
113 100
111 102.3 82.6 123.8
192 17.5 12.7 19.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023

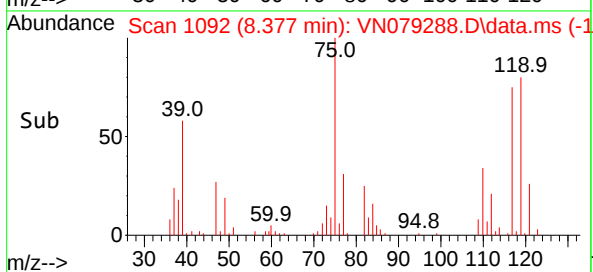
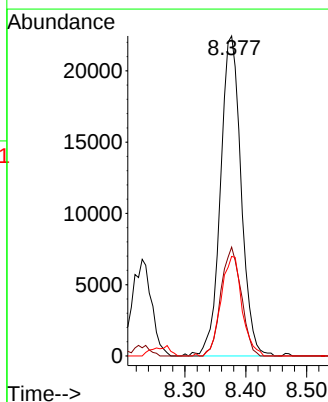
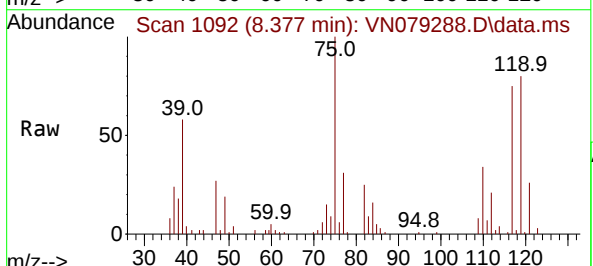
09/19/2023
Supervised By :Semsettin
Yesilyurt

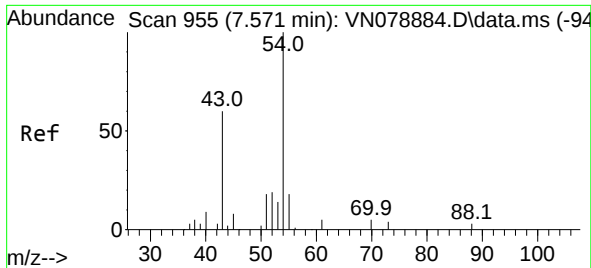
09/19/2023



#36
1,1-Dichloropropene
Concen: 16.222 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Tgt Ion: 75 Resp: 52782
Ion Ratio Lower Upper
75 100
110 33.4 19.1 57.3
77 31.6 25.0 37.4





#37

Ethyl Acetate

Concen: 16.494 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN079288.D

Acq: 18 Sep 2023 15:52

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBS01

Tgt Ion: 43 Resp: 53530

Ion	Ratio	Lower	Upper
43	100		
61	13.1	13.2	19.8
70	9.5	11.3	16.9

Manual Integrations

APPROVED

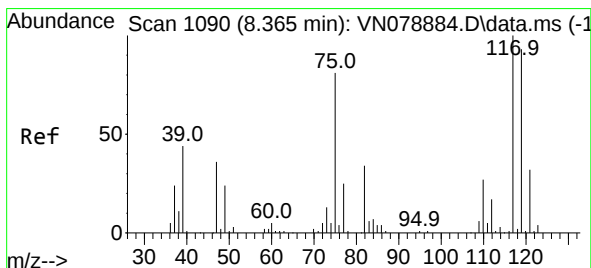
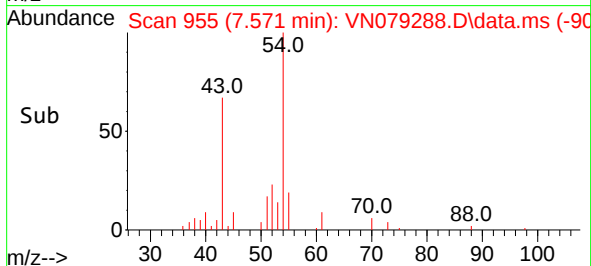
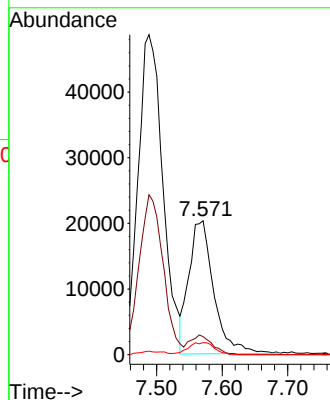
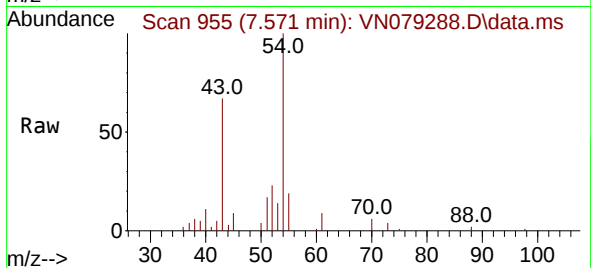
Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023

09/19/2023

Supervised By :Semsettin Yesilyurt

09/19/2023



#38

Carbon Tetrachloride

Concen: 15.947 ug/l

RT: 8.365 min Scan# 1090

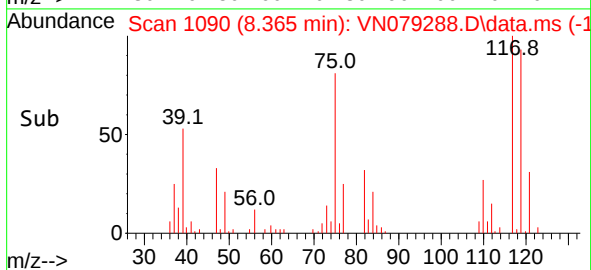
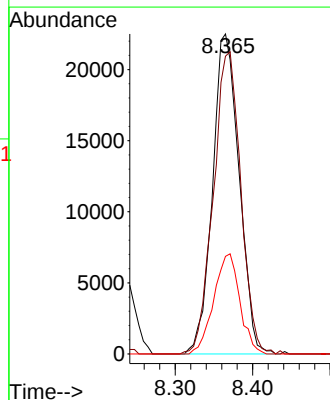
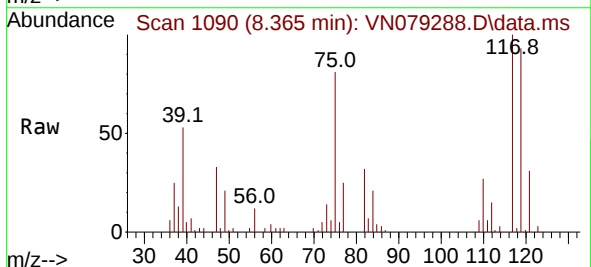
Delta R.T. -0.006 min

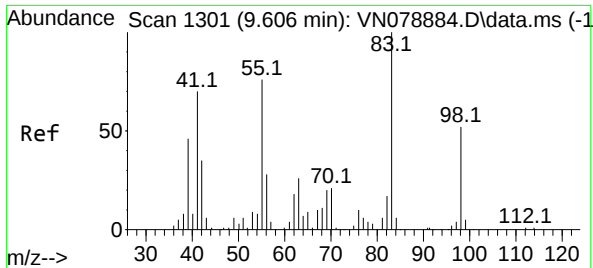
Lab File: VN079288.D

Acq: 18 Sep 2023 15:52

Tgt Ion:117 Resp: 53695

Ion	Ratio	Lower	Upper
117	100		
119	93.1	77.3	115.9
121	30.5	23.3	34.9





#39

Methylcyclohexane

Concen: 15.732 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN079288.D

Acq: 18 Sep 2023 15:52

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBS01

Tgt Ion: 83 Resp: 5049

Ion	Ratio	Lower	Upper
83	100		
55	85.3	49.1	73.7
98	46.2	40.6	61.0

Manual Integrations

APPROVED

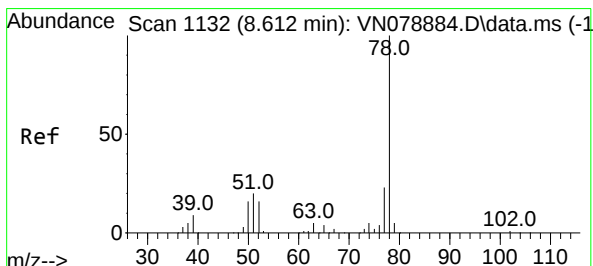
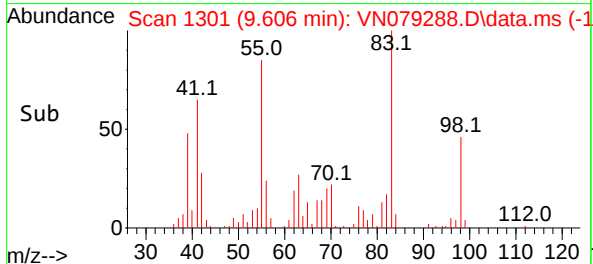
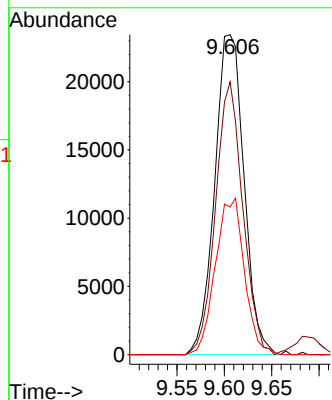
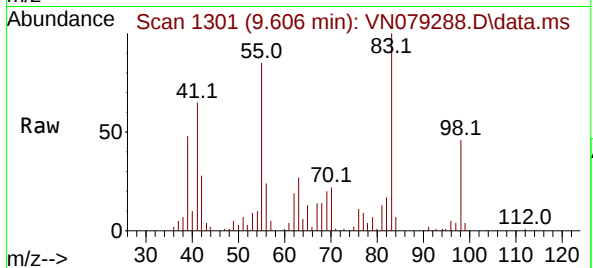
Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023

09/19/2023

Supervised By :Semsettin Yesilyurt

09/19/2023



#40

Benzene

Concen: 16.244 ug/l

RT: 8.612 min Scan# 1132

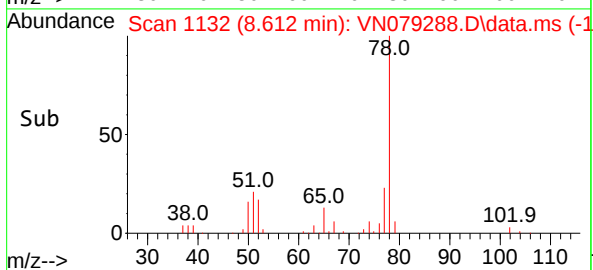
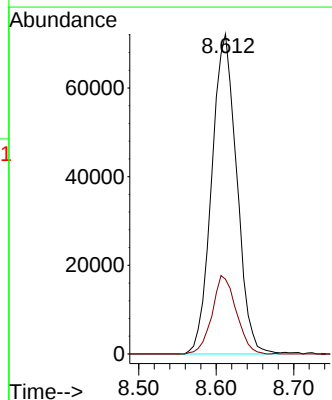
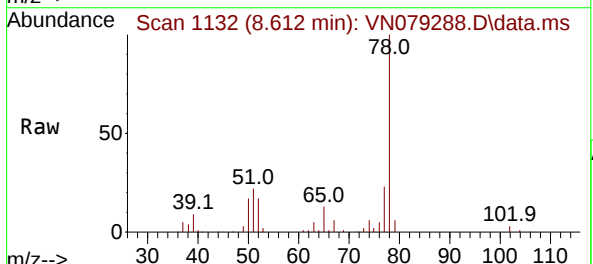
Delta R.T. -0.000 min

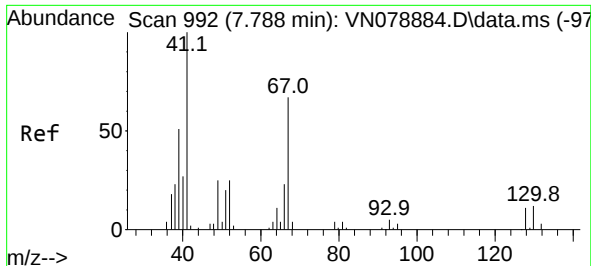
Lab File: VN079288.D

Acq: 18 Sep 2023 15:52

Tgt Ion: 78 Resp: 161797

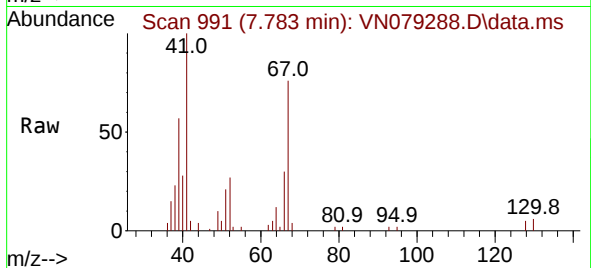
Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.6





#41
Methacrylonitrile
Concen: 17.231 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.011 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01



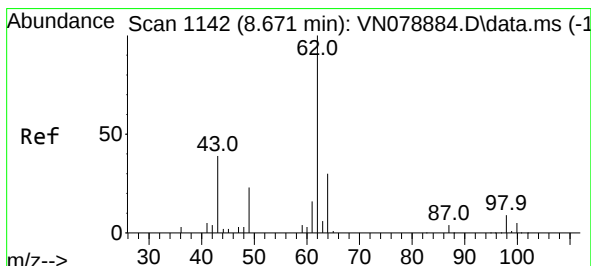
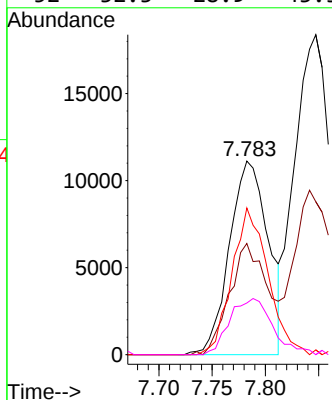
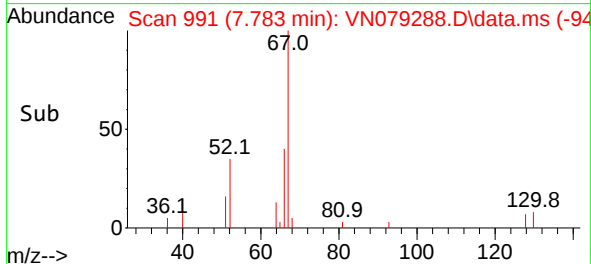
Tgt Ion:	41	Resp:	28190
Ion Ratio	100	Lower	Upper
41	100		
39	56.1	42.6	64.0
67	70.7	77.5	116.3
52	32.3	28.9	43.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023

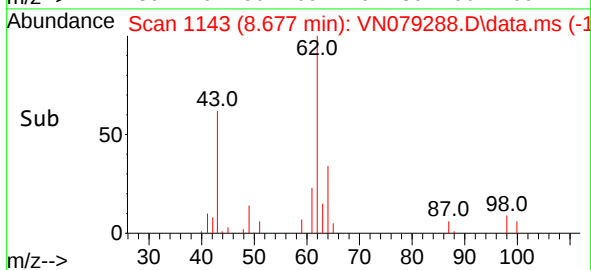
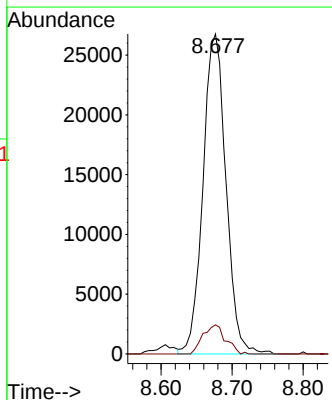
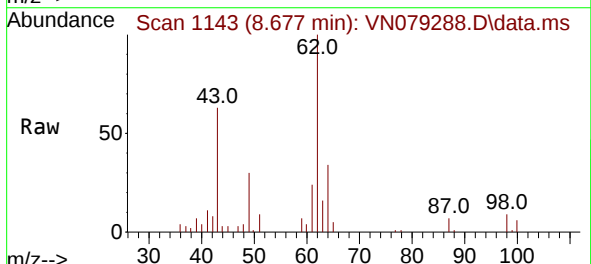
09/19/2023
Supervised By :Semsettin
Yesilyurt

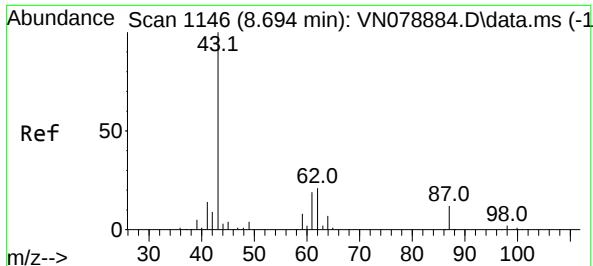
09/19/2023



#42
1,2-Dichloroethane
Concen: 17.567 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Tgt Ion:	62	Resp:	60240
Ion Ratio	100	Lower	Upper
62	100		
98	9.0	0.0	19.8





#43

Isopropyl Acetate

Concen: 16.830 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079288.D

Acq: 18 Sep 2023 15:52

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBS01

Tgt Ion: 43	Resp: 89124
Ion Ratio	Lower Upper
43 100	
61 25.8	24.7 37.1
87 11.6	14.6 21.8

Manual Integrations

APPROVED

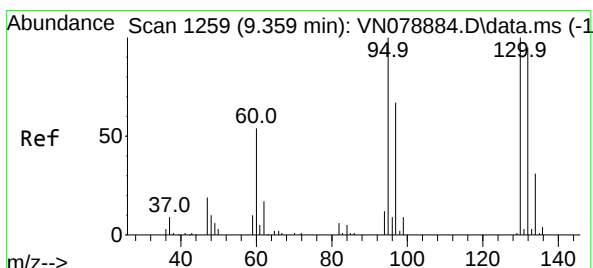
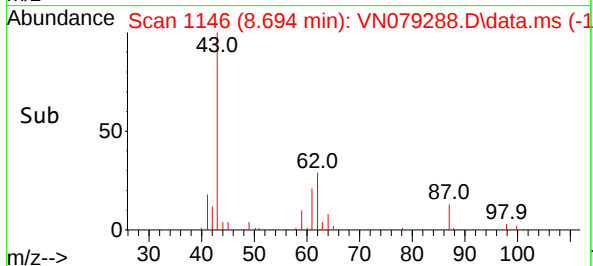
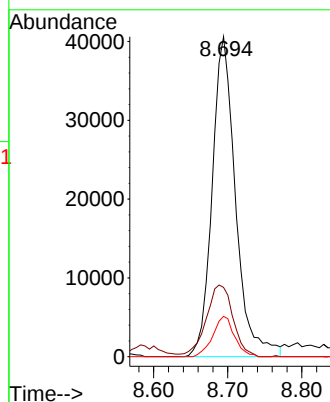
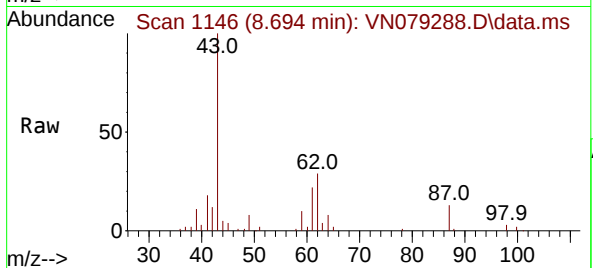
Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023

09/19/2023

Supervised By :Semsettin Yesilyurt

09/19/2023



#44

Trichloroethene

Concen: 15.121 ug/l

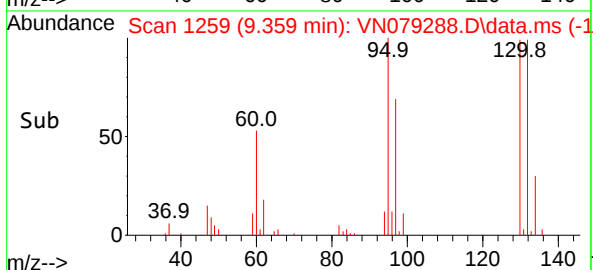
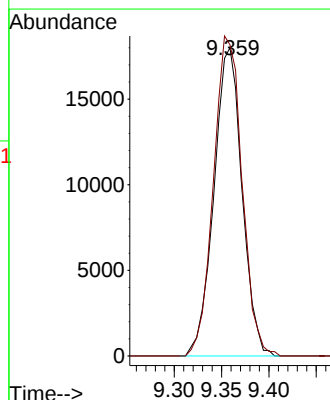
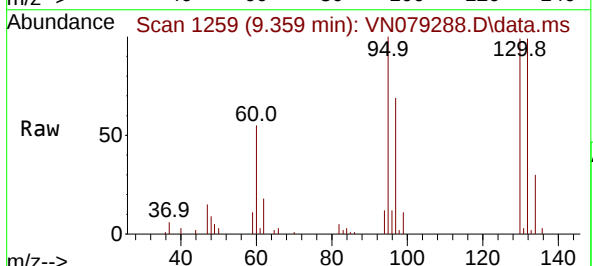
RT: 9.359 min Scan# 1259

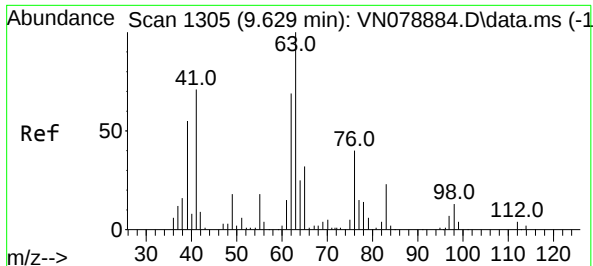
Delta R.T. -0.000 min

Lab File: VN079288.D

Acq: 18 Sep 2023 15:52

Tgt Ion:130	Resp: 37104
Ion Ratio	Lower Upper
130 100	
95 100.9	0.0 204.6





#45

1,2-Dichloropropane

Concen: 17.647 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079288.D

Acq: 18 Sep 2023 15:52

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBS01

Tgt Ion: 63 Resp: 43624
 Ion Ratio Lower Upper
 63 100
 65 34.5 23.9 35.9

Manual Integrations

APPROVED

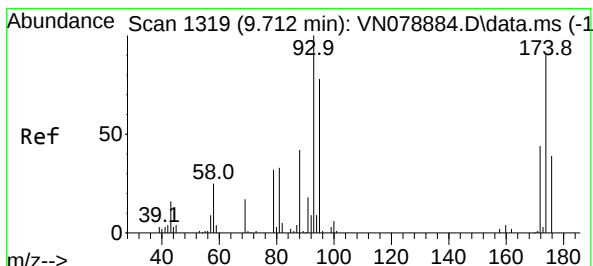
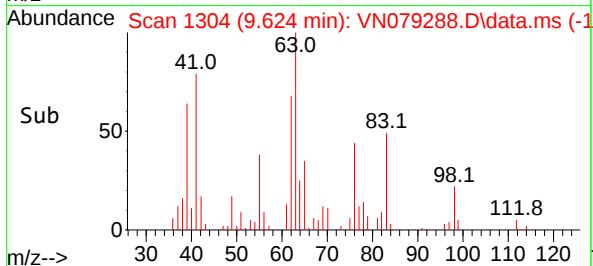
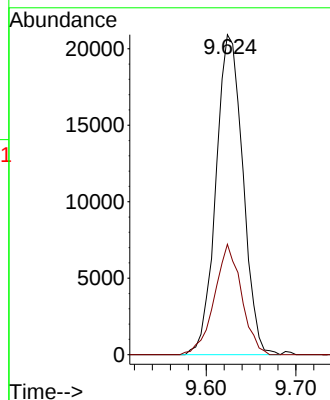
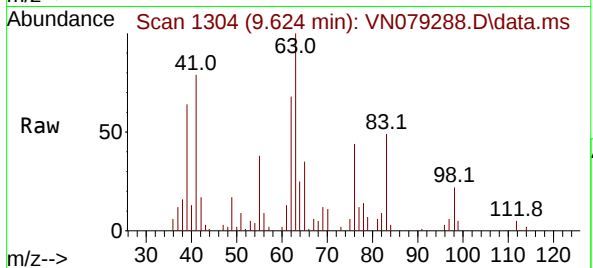
Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023

09/19/2023

Supervised By :Semsettin
Yesilyurt

09/19/2023



#46

Dibromomethane

Concen: 17.370 ug/l

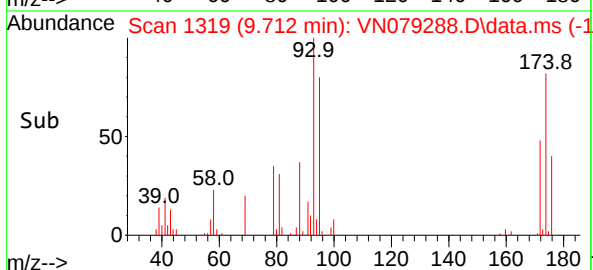
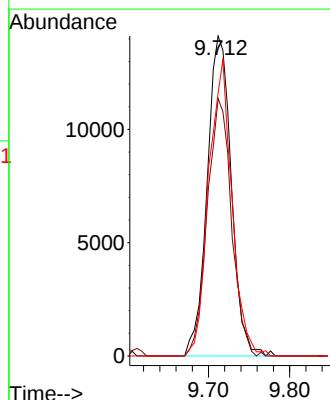
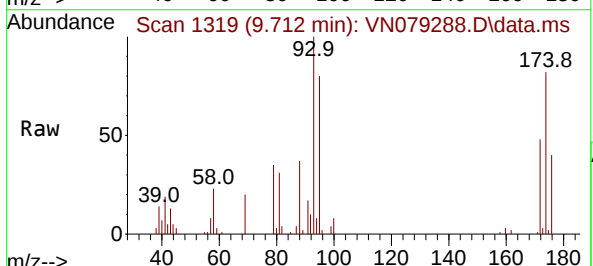
RT: 9.712 min Scan# 1319

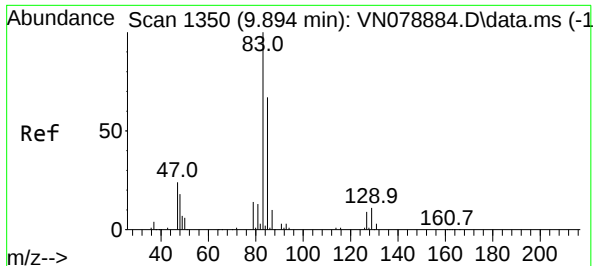
Delta R.T. -0.000 min

Lab File: VN079288.D

Acq: 18 Sep 2023 15:52

Tgt Ion: 93 Resp: 29150
 Ion Ratio Lower Upper
 93 100
 95 80.5 63.8 95.8
 174 89.0 65.6 98.4





#47

Bromodichloromethane

Concen: 17.846 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.006 min

Lab File: VN079288.D

Acq: 18 Sep 2023 15:52

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBS01

Tgt Ion:	83	Resp:	61339
Ion	Ratio	Lower	Upper
83	100		
85	60.4	49.6	74.4
127	6.8	7.0	10.6

Manual Integrations

APPROVED

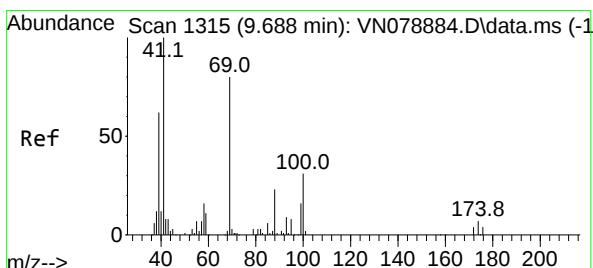
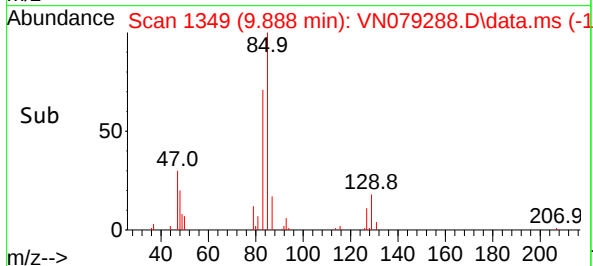
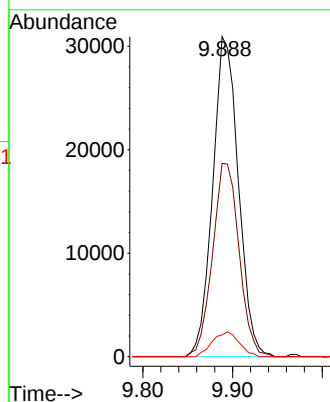
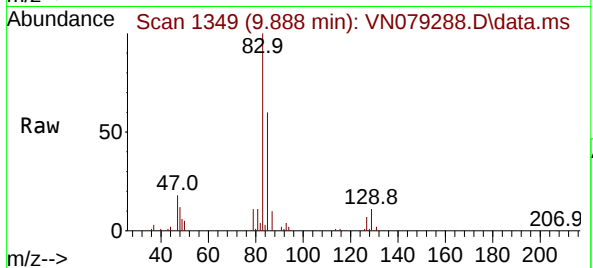
Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023

09/19/2023

Supervised By :Semsettin Yesilyurt

09/19/2023



#48

Methyl methacrylate

Concen: 16.366 ug/l

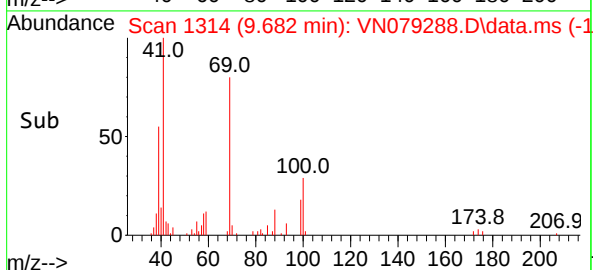
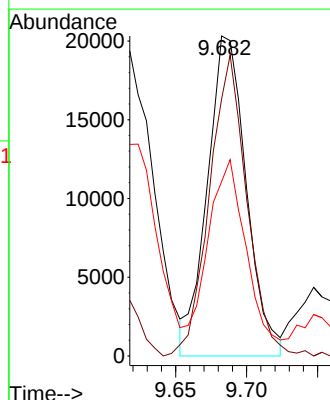
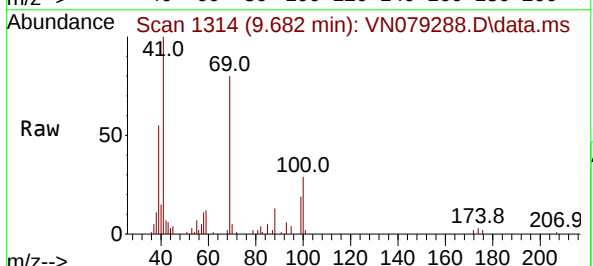
RT: 9.682 min Scan# 1314

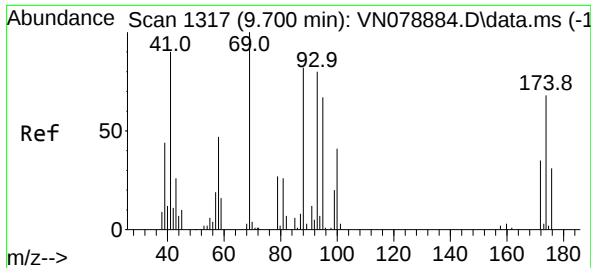
Delta R.T. -0.006 min

Lab File: VN079288.D

Acq: 18 Sep 2023 15:52

Tgt Ion:	41	Resp:	38819
Ion	Ratio	Lower	Upper
41	100		
69	90.3	90.4	135.6
39	61.2	54.6	81.8





#49

1,4-Dioxane

Concen: 304.364 ug/l

RT: 9.694 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VN079288.D

Acq: 18 Sep 2023 15:52

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBS01

Tgt Ion: 88 Resp: 14849

Ion	Ratio	Lower	Upper
88	100		
43	32.5	17.0	25.6
58	74.3	47.0	70.4

Manual Integrations

APPROVED

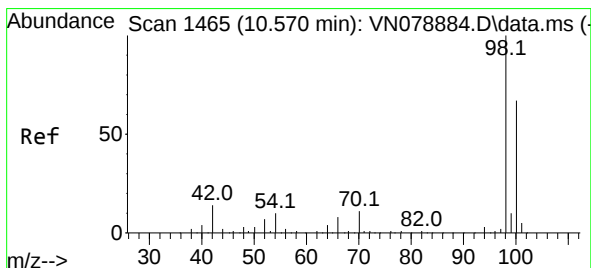
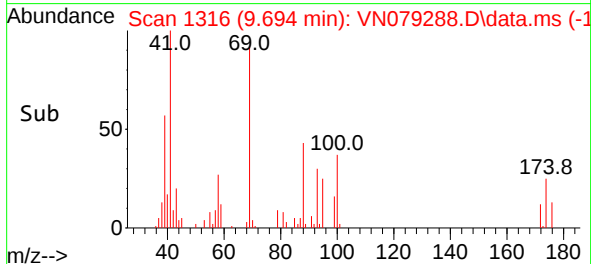
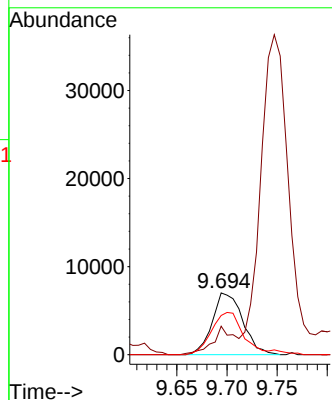
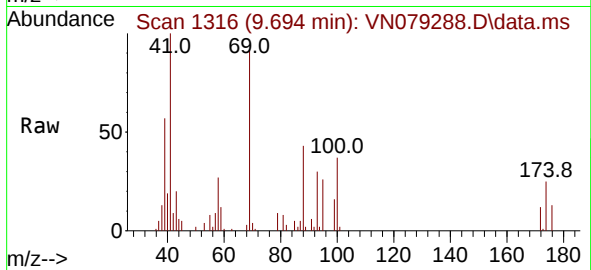
Reviewed By :John Carlone 09/19/2023

Supervised By :Semsettin Yesilyurt 09/19/2023

09/19/2023

Supervised By :Semsettin Yesilyurt

09/19/2023



#50

Toluene-d8

Concen: 46.287 ug/l

RT: 10.571 min Scan# 1465

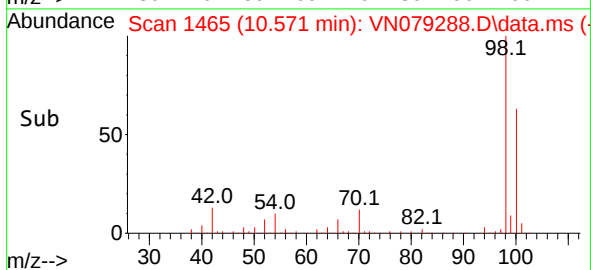
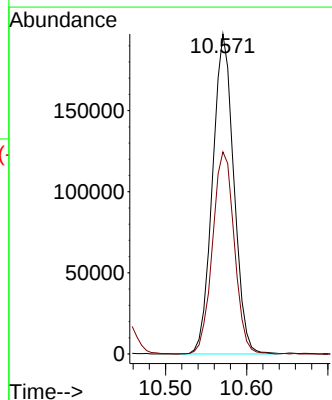
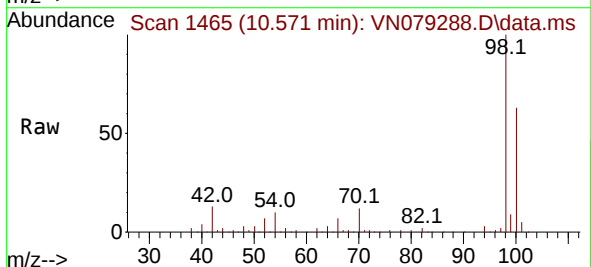
Delta R.T. -0.000 min

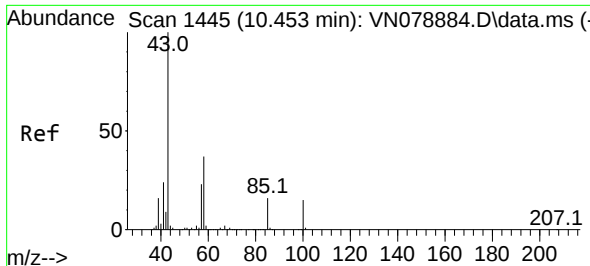
Lab File: VN079288.D

Acq: 18 Sep 2023 15:52

Tgt Ion: 98 Resp: 358782

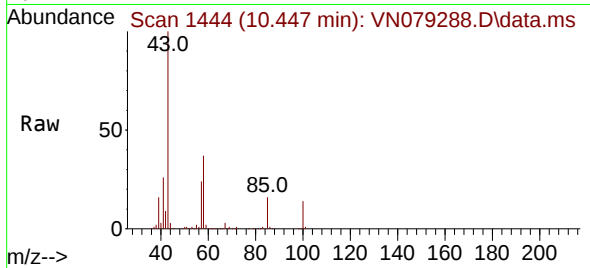
Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 85.564 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

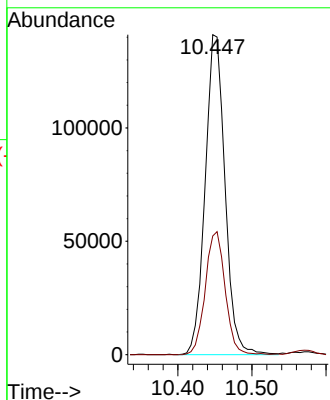
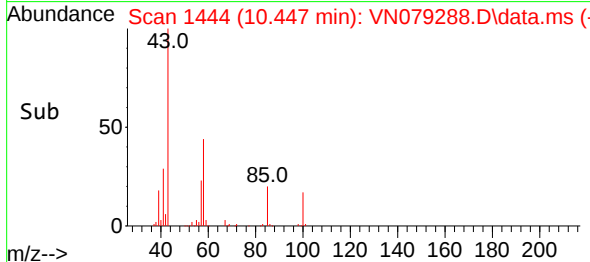
Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01



Tgt Ion: 43 Resp: 263025
Ion Ratio Lower Upper
43 100
58 38.5 36.6 54.8

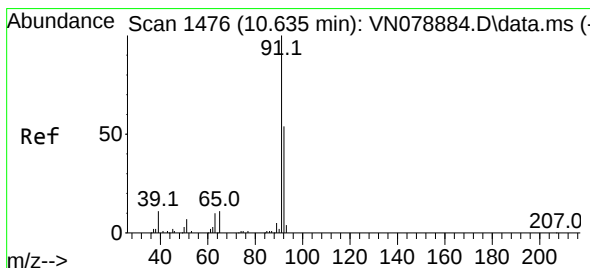
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



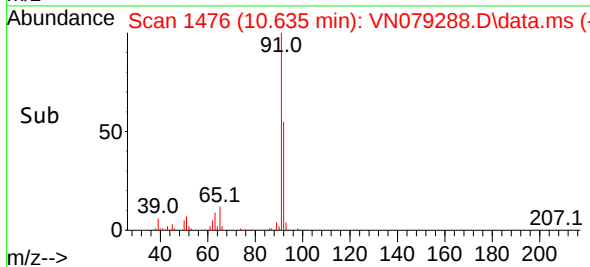
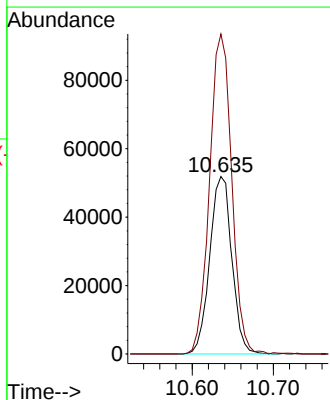
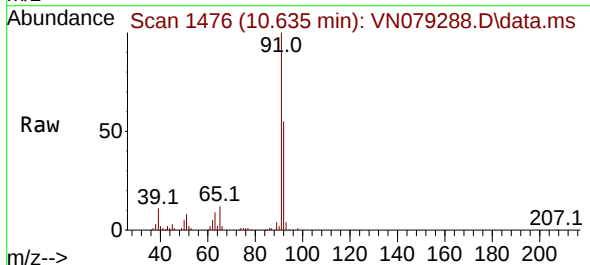
09/19/2023
Supervised By :Semsettin
Yesilyurt

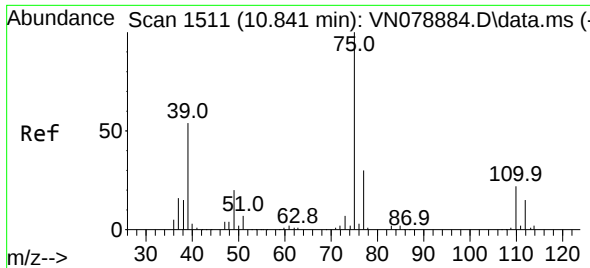
09/19/2023



#52
Toluene
Concen: 16.022 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

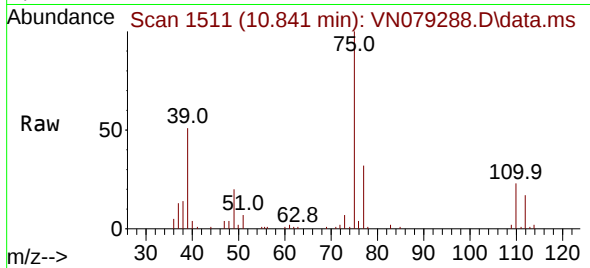
Tgt Ion: 92 Resp: 98075
Ion Ratio Lower Upper
92 100
91 180.6 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 16.254 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

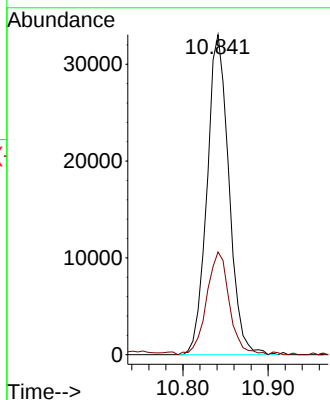
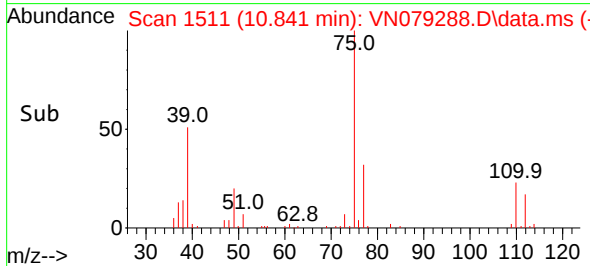
Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01



Tgt Ion: 75 Resp: 58910
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0

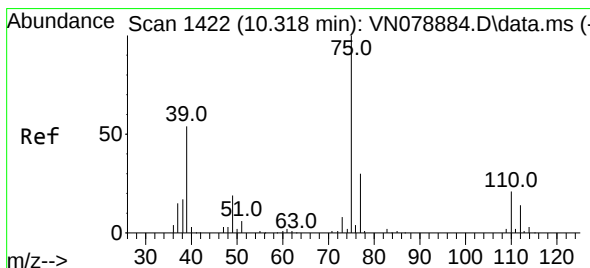
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



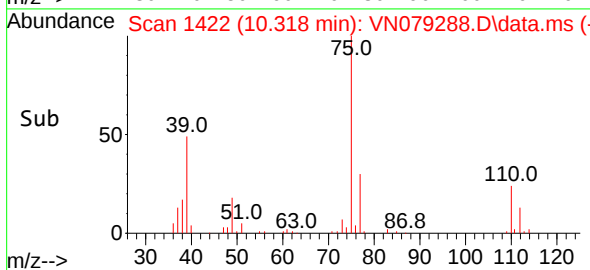
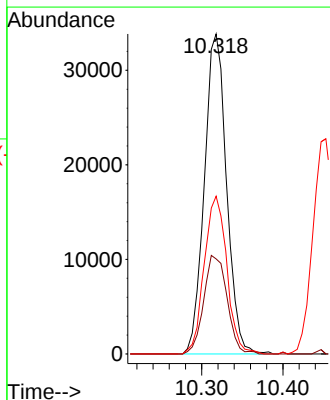
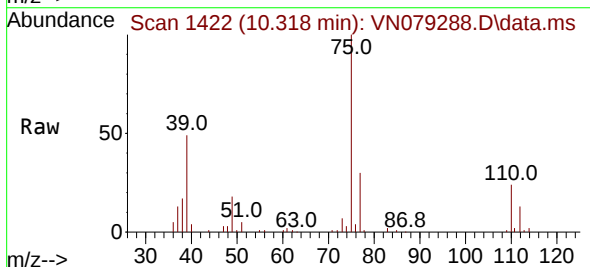
09/19/2023
Supervised By :Semsettin
Yesilyurt

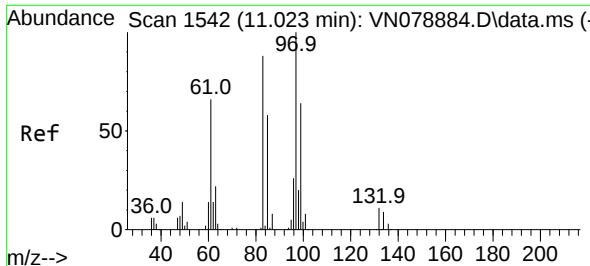
09/19/2023



#54
cis-1,3-Dichloropropene
Concen: 16.580 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

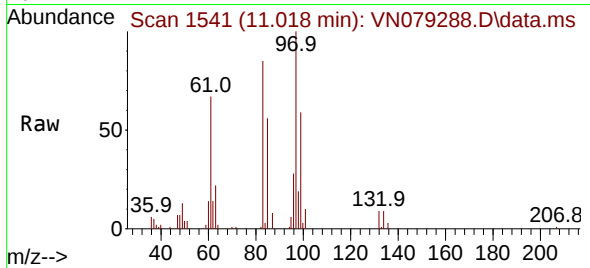
Tgt Ion: 75 Resp: 64272
Ion Ratio Lower Upper
75 100
77 29.7 26.1 39.1
39 49.3 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 16.624 ug/l
RT: 11.018 min Scan# 1542
Delta R.T. -0.006 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Instrument : MSVOA_N
ClientSampleId : VN0918WBS01



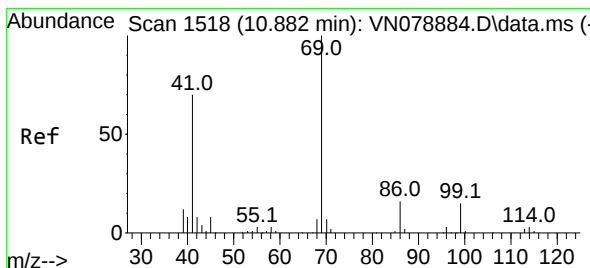
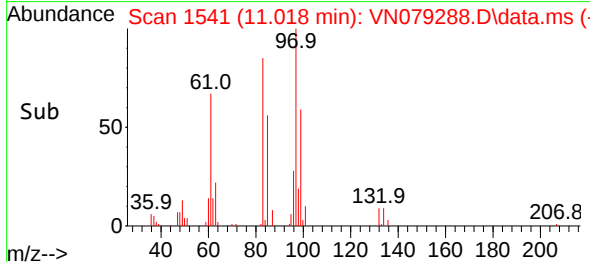
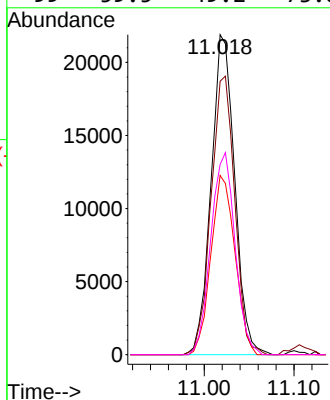
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.5	65.1	97.7
85	56.0	43.4	65.2
99	59.5	49.2	73.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023

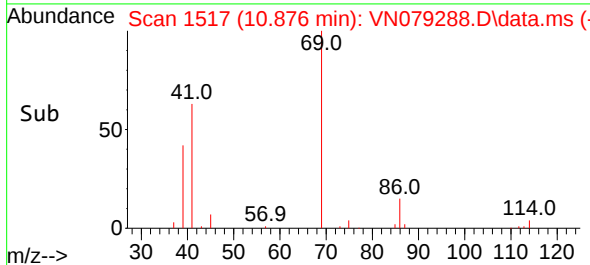
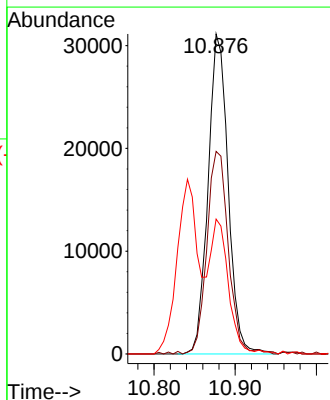
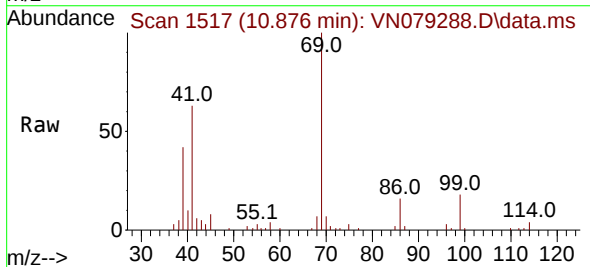
09/19/2023
Supervised By :Semsettin Yesilyurt

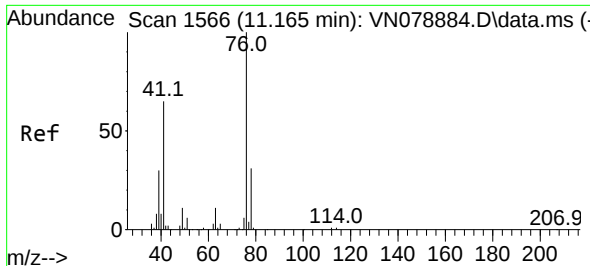
09/19/2023



#56
Ethyl methacrylate
Concen: 15.777 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

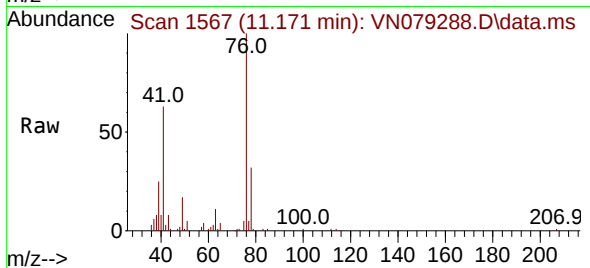
Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.8	39.6	59.4
39	41.9	28.6	43.0





#57
1,3-Dichloropropane
Concen: 16.815 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

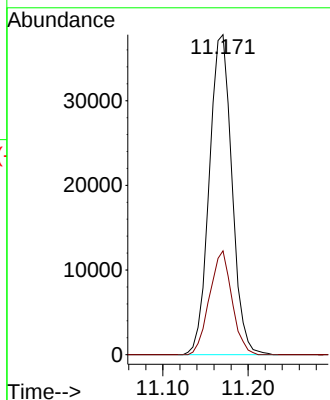
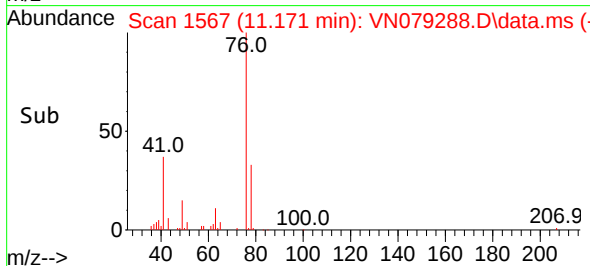
Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01



Tgt Ion: 76 Resp: 6982
Ion Ratio Lower Upper
76 100
78 32.1 26.1 39.1

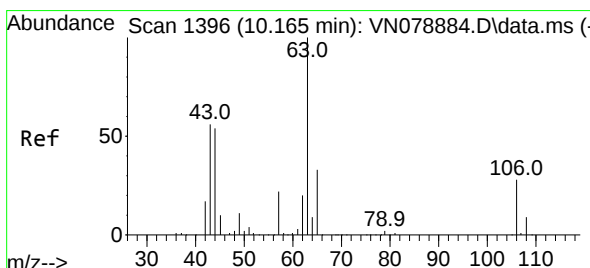
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



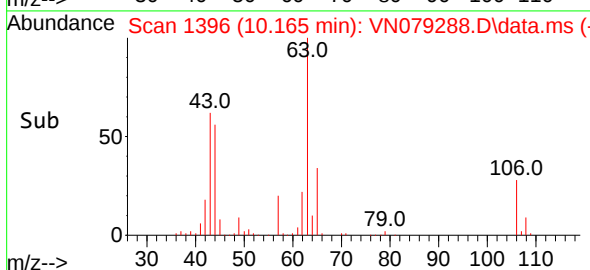
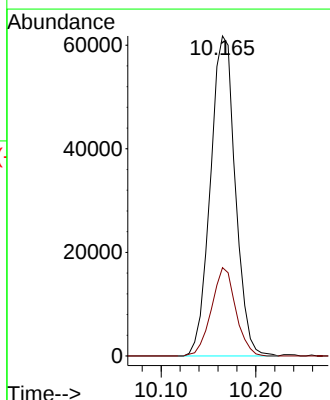
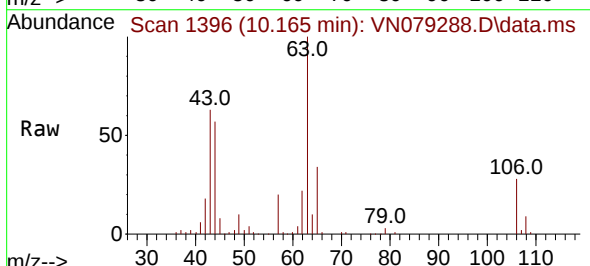
09/19/2023
Supervised By :Semsettin
Yesilyurt

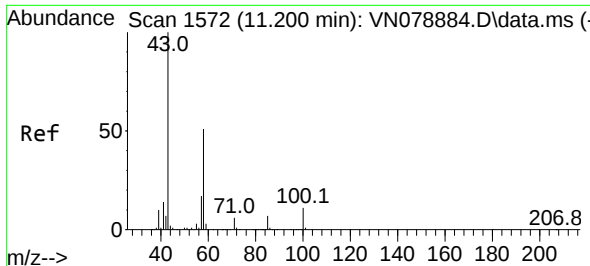
09/19/2023



#58
2-Chloroethyl Vinyl ether
Concen: 85.317 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

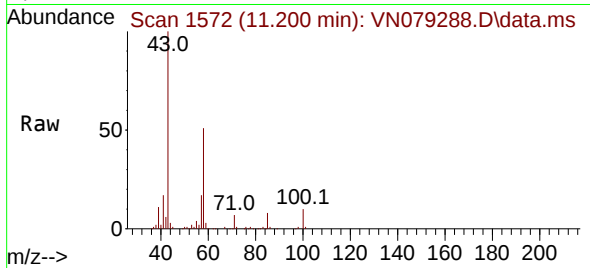
Tgt Ion: 63 Resp: 112842
Ion Ratio Lower Upper
63 100
106 26.9 26.2 39.4





#59
2-Hexanone
Concen: 84.747 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

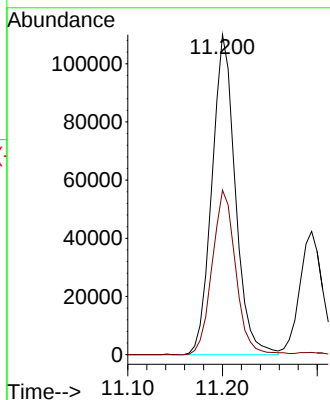
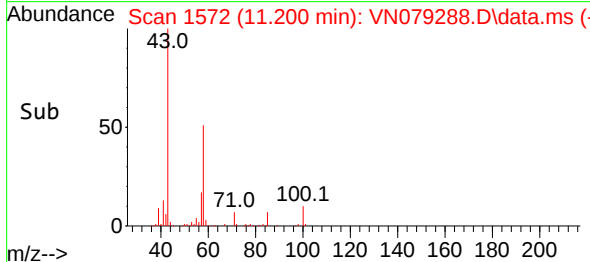
Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01



Tgt Ion: 43 Resp: 18868
Ion Ratio Lower Upper
43 100
58 51.7 31.7 95.1

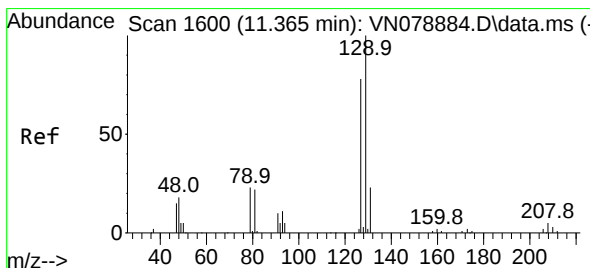
Manual Integrations
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Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



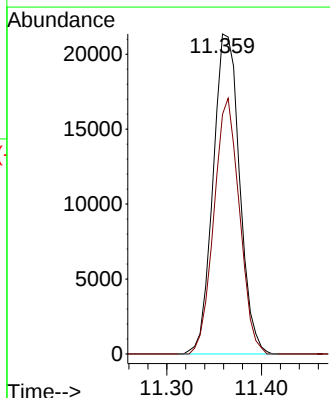
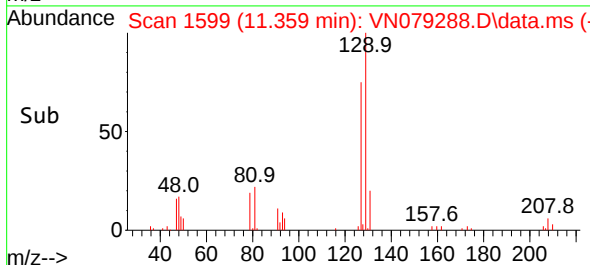
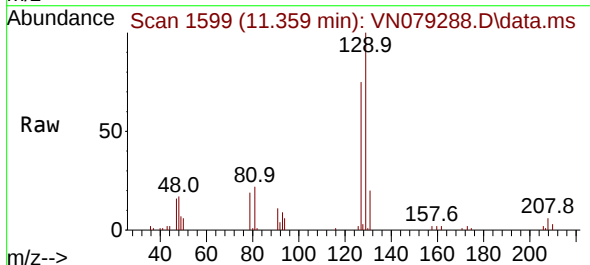
09/19/2023
Supervised By :Semsettin
Yesilyurt

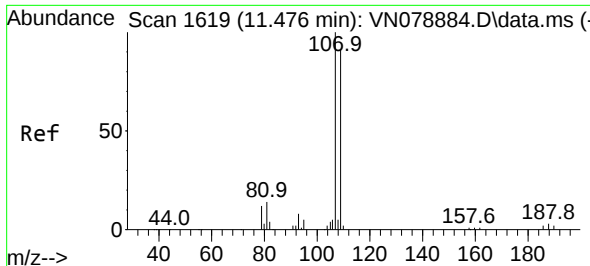
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#60
Dibromochloromethane
Concen: 16.243 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Tgt Ion:129 Resp: 41521
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





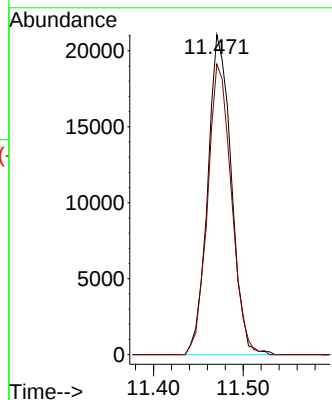
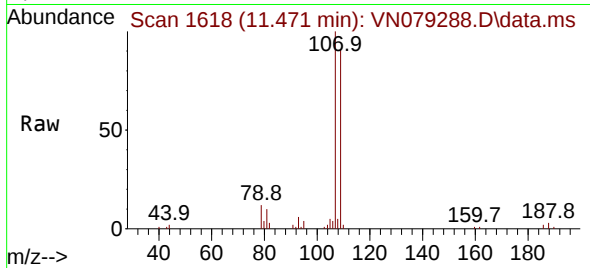
#61
1,2-Dibromoethane
Concen: 16.023 ug/l
RT: 11.471 min Scan# 1619
Delta R.T. -0.005 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01

Tgt Ion:107 Resp: 3840
Ion Ratio Lower Upper
107 100
109 92.0 76.6 114.8

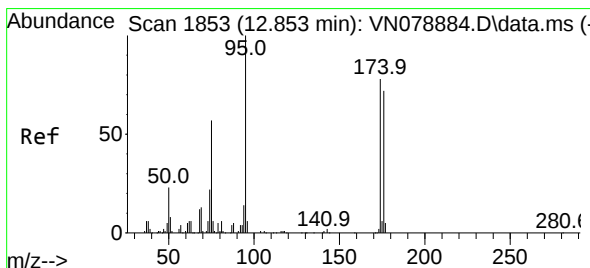
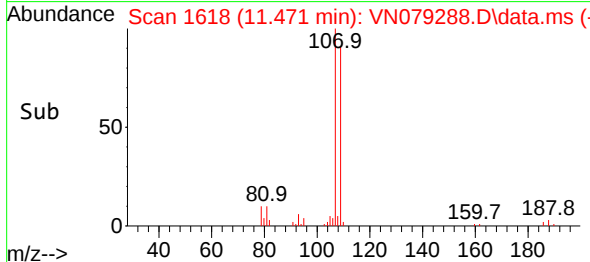
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Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



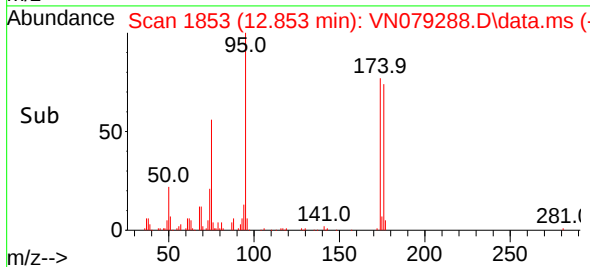
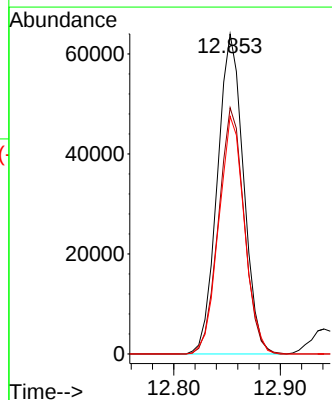
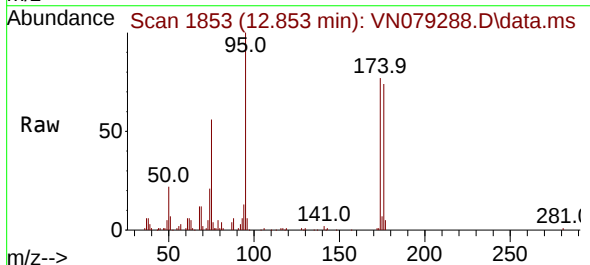
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Supervised By :Semsettin
Yesilyurt

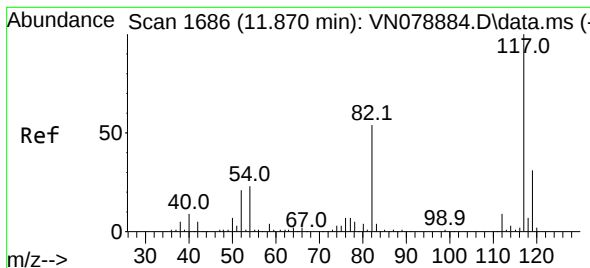
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#62
4-Bromofluorobenzene
Concen: 44.062 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

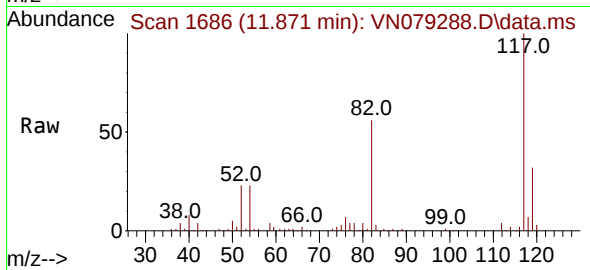
Tgt Ion: 95 Resp: 108942
Ion Ratio Lower Upper
95 100
174 75.7 0.0 143.8
176 73.2 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01



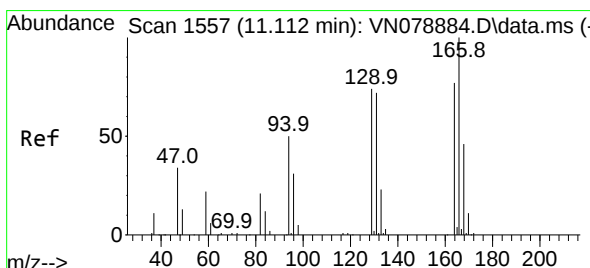
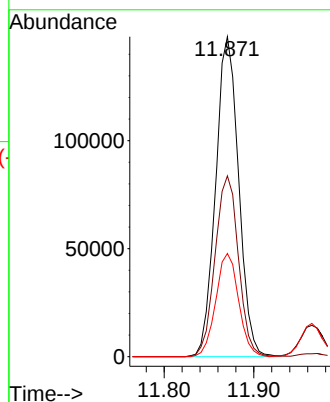
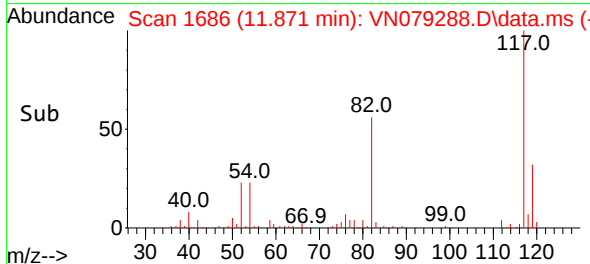
Tgt Ion:117 Resp: 263960
Ion Ratio Lower Upper
117 100
82 56.5 44.0 66.0
119 32.2 25.6 38.4

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Supervised By :Semsettin Yesilyurt 09/19/2023

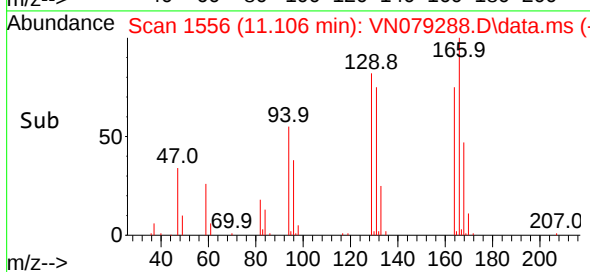
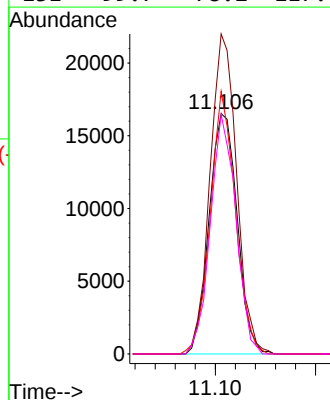
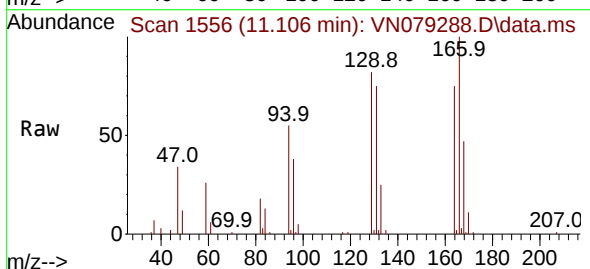
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Supervised By :Semsettin
Yesilyurt

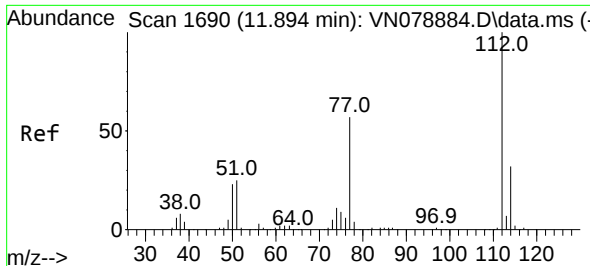
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#64
Tetrachloroethene
Concen: 16.650 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

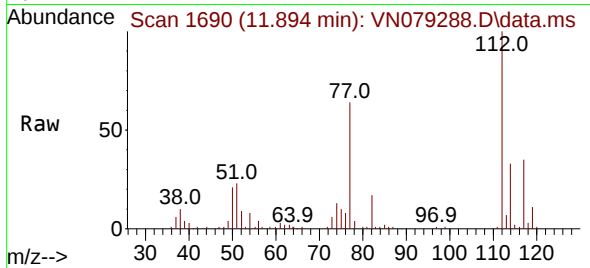
Tgt Ion:164 Resp: 32048
Ion Ratio Lower Upper
164 100
166 133.2 101.4 152.0
129 109.3 82.4 123.6
131 99.7 78.2 117.4





#65
Chlorobenzene
Concen: 16.883 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01



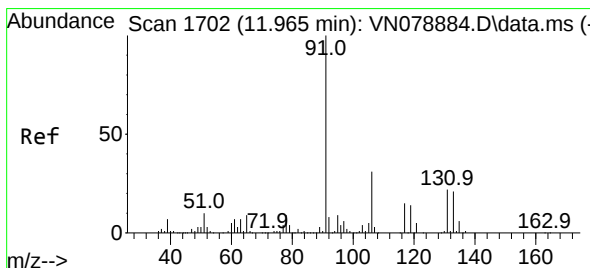
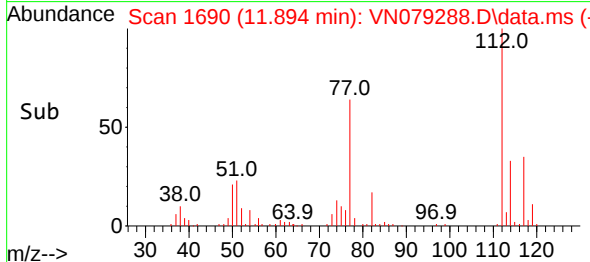
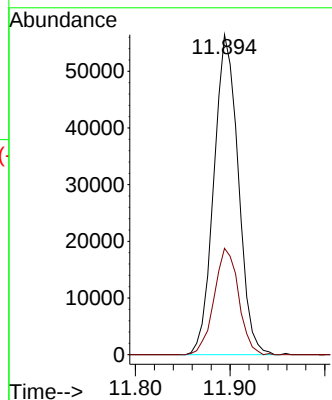
Tgt Ion:112 Resp: 100959
Ion Ratio Lower Upper
112 100
114 33.3 25.0 37.4

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Supervised By :Semsettin Yesilyurt 09/19/2023

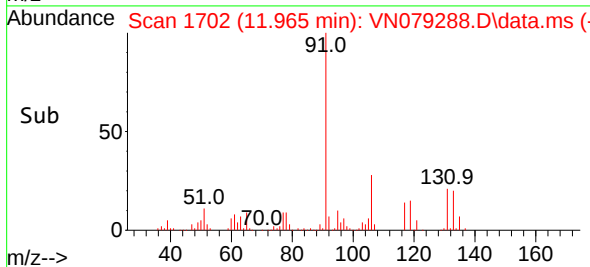
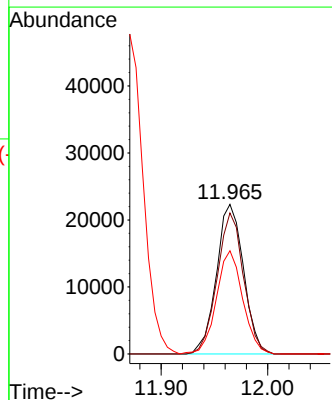
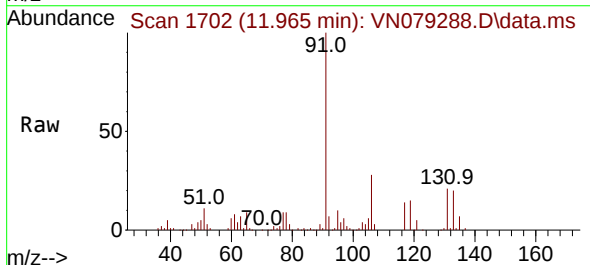
09/19/2023
Supervised By :Semsettin
Yesilyurt

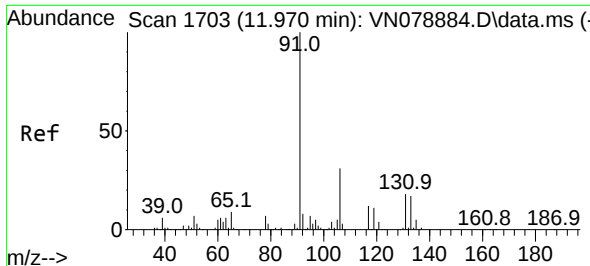
09/19/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 17.587 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

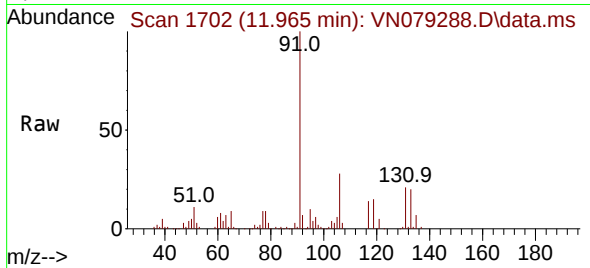
Tgt Ion:131 Resp: 39436
Ion Ratio Lower Upper
131 100
133 92.1 46.4 139.1
119 67.0 34.1 102.2





#67
Ethyl Benzene
Concen: 17.716 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

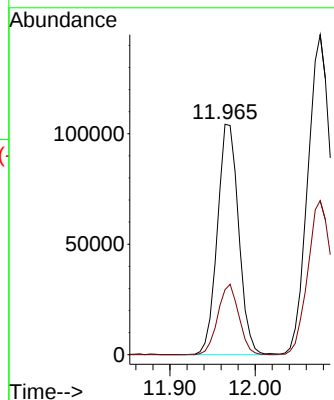
Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01



Tgt Ion: 91 Resp: 181210
Ion Ratio Lower Upper
91 100
106 28.2 25.6 38.4

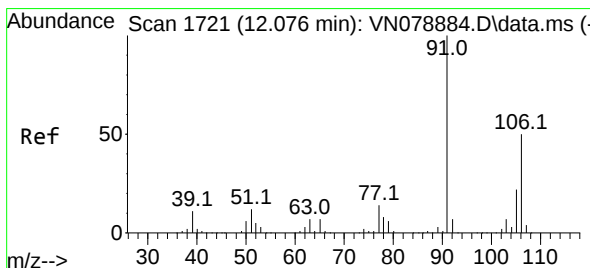
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Supervised By :Semsettin Yesilyurt 09/19/2023



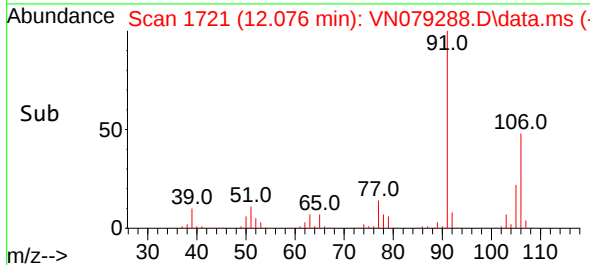
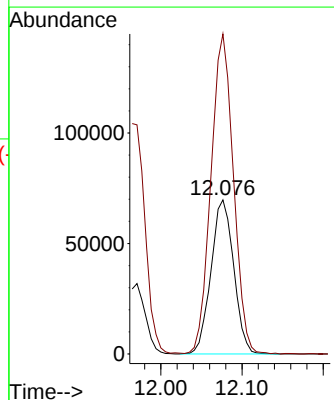
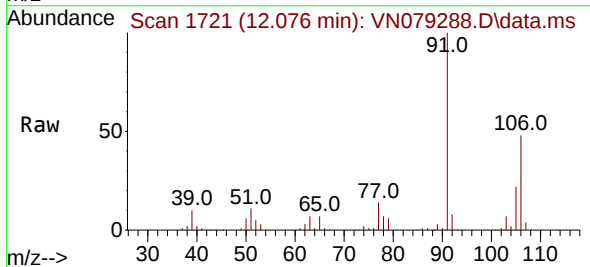
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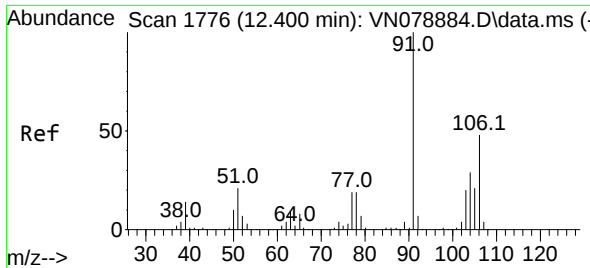
09/19/2023



#68
m/p-Xylenes
Concen: 35.587 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Tgt Ion:106 Resp: 135674
Ion Ratio Lower Upper
106 100
91 205.8 159.6 239.4





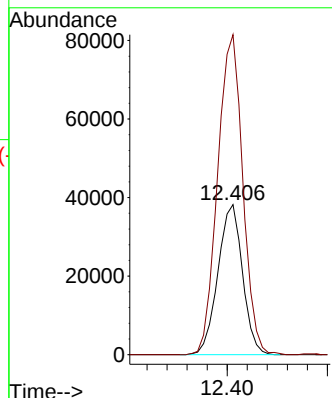
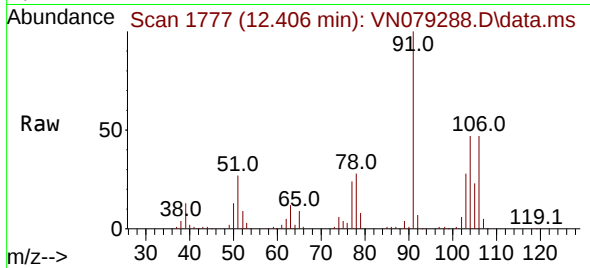
#69
o-Xylene
Concen: 17.751 ug/l
RT: 12.406 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01

Tgt Ion:106 Resp: 6490
Ion Ratio Lower Upper
106 100
91 218.2 105.2 315.5

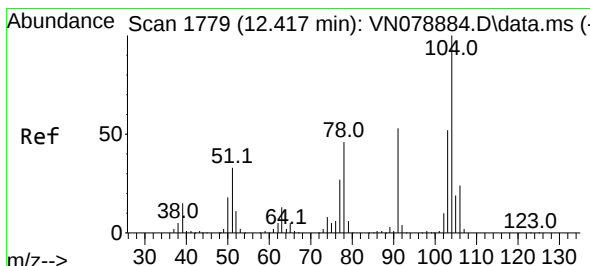
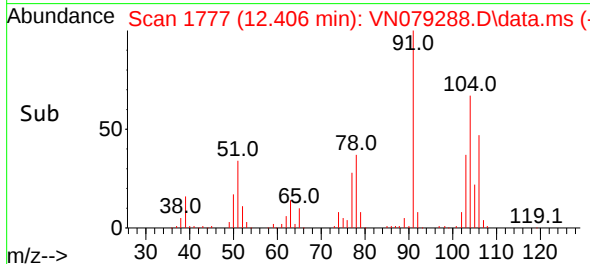
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Supervised By :Semsettin Yesilyurt 09/19/2023



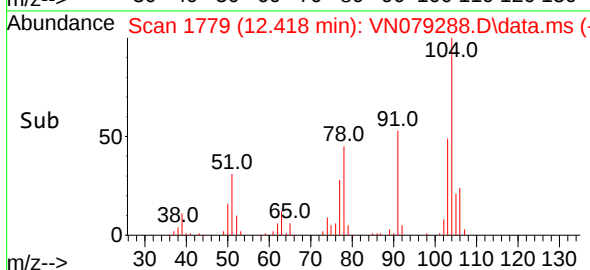
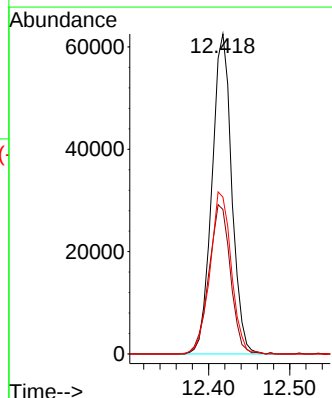
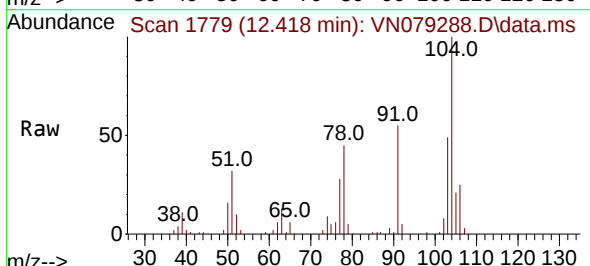
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Supervised By :Semsettin
Yesilyurt

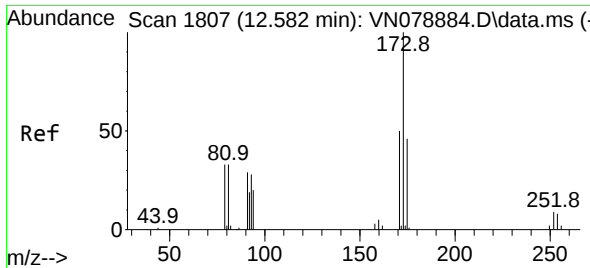
09/19/2023



#70
Styrene
Concen: 18.028 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

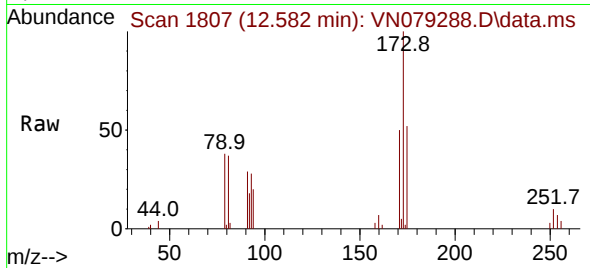
Tgt Ion:104 Resp: 106018
Ion Ratio Lower Upper
104 100
78 50.5 39.5 59.3
103 54.5 43.2 64.8





#71
Bromoform
Concen: 15.771 ug/l
RT: 12.582 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01



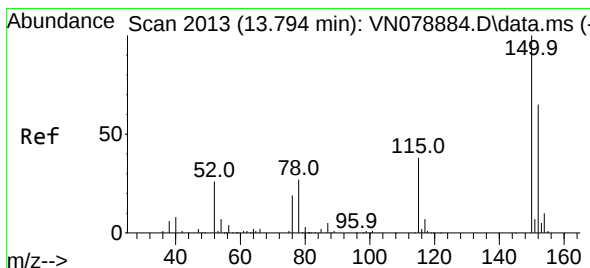
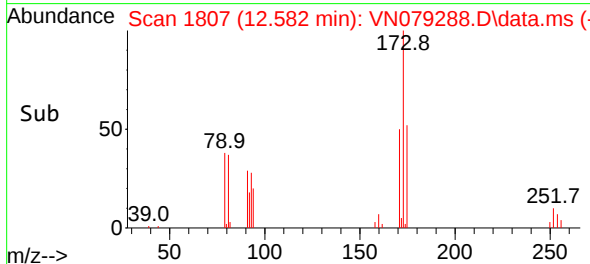
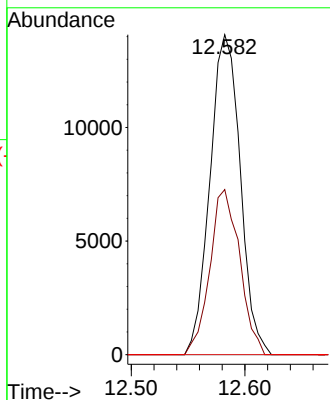
Tgt Ion:173 Resp: 26108
Ion Ratio Lower Upper
173 100
175 50.9 24.3 73.0
254 0.0 0.0 0.0

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Supervised By :Semsettin Yesilyurt 09/19/2023

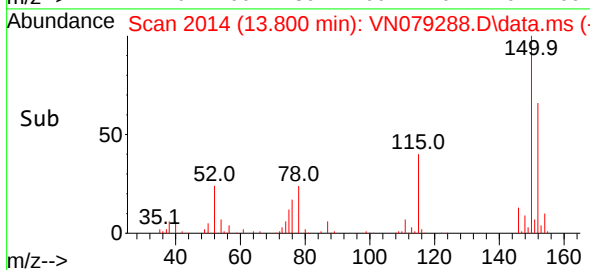
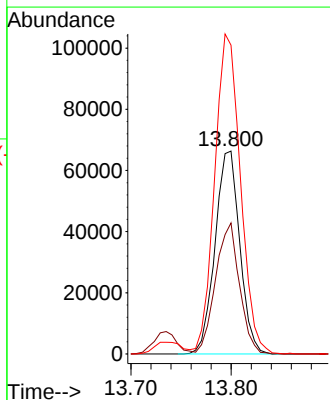
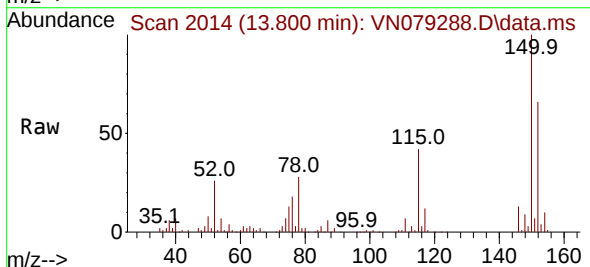
09/19/2023
Supervised By :Semsettin
Yesilyurt

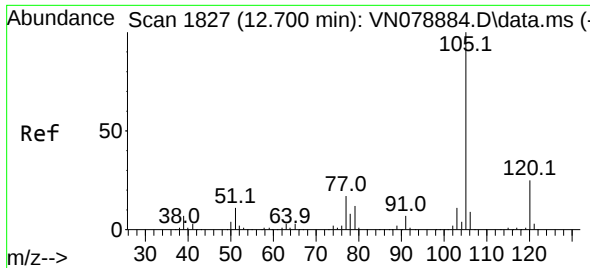
09/19/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Tgt Ion:152 Resp: 113433
Ion Ratio Lower Upper
152 100
115 62.5 32.3 96.8
150 164.8 0.0 355.8





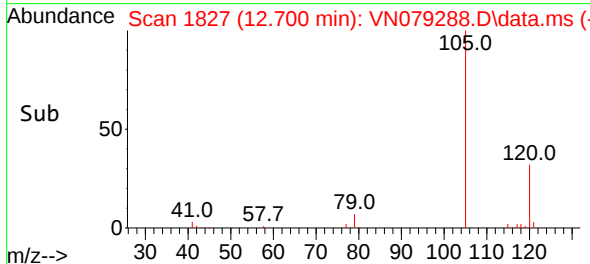
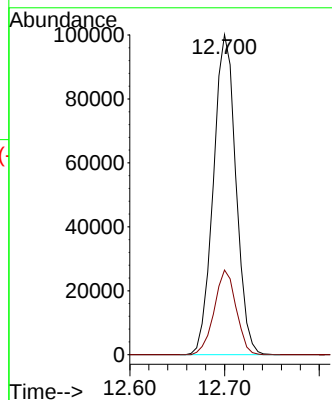
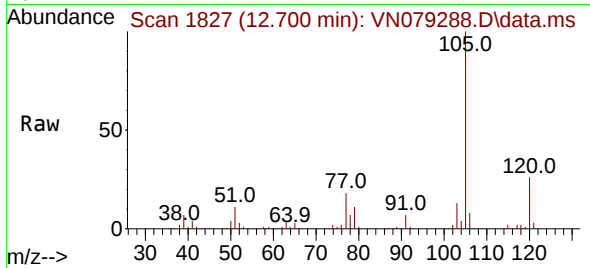
#73
Isopropylbenzene
Concen: 16.019 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01

Tgt Ion:105 Resp: 16532
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.1

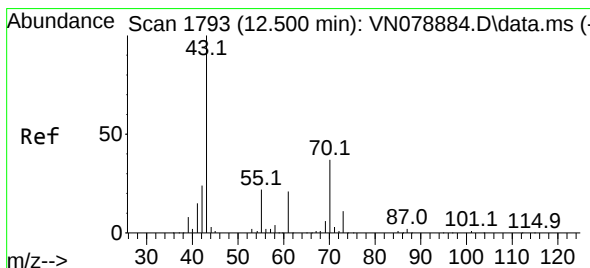
Manual Integrations
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Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



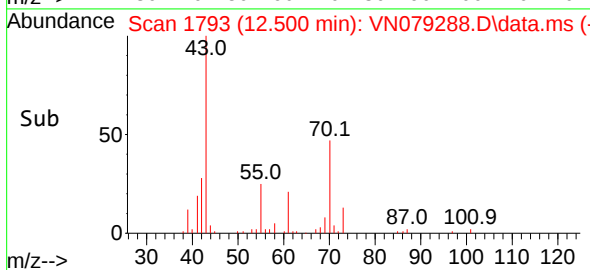
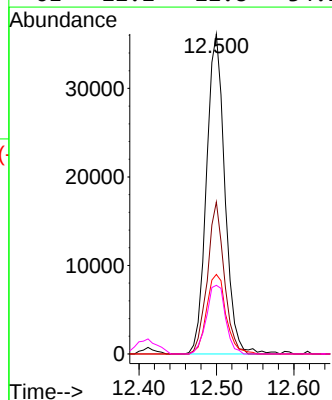
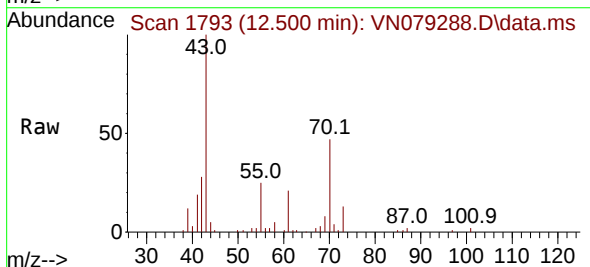
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Supervised By :Semsettin
Yesilyurt

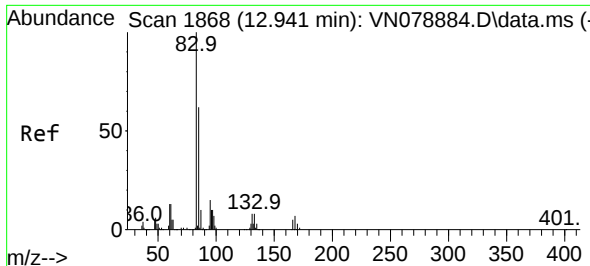
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#74
N-ethyl acetate
Concen: 15.215 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

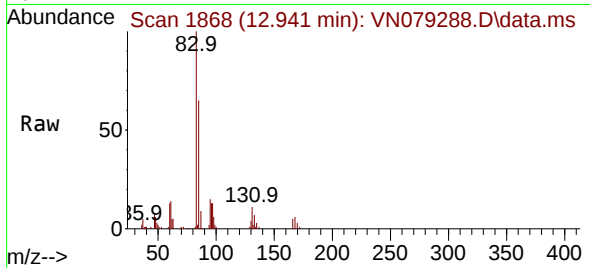
Tgt Ion: 43 Resp: 59574
Ion Ratio Lower Upper
43 100
70 43.5 43.4 65.2
55 26.3 21.4 32.0
61 22.2 22.8 34.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 15.422 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01



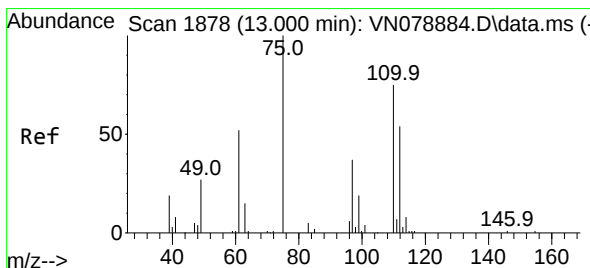
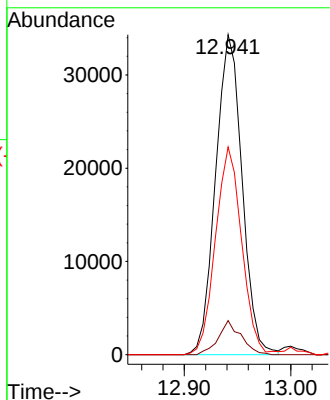
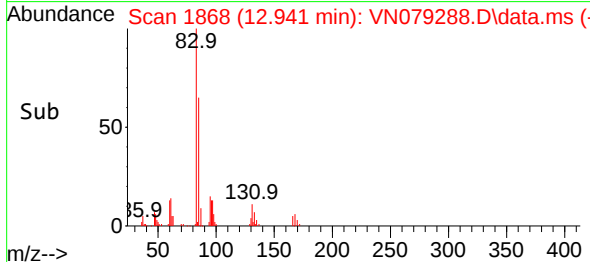
Tgt Ion: 83 Resp: 5926
Ion Ratio Lower Upper
83 100
131 9.1 5.0 15.0
85 64.4 31.9 95.7

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Supervised By :Semsettin Yesilyurt 09/19/2023

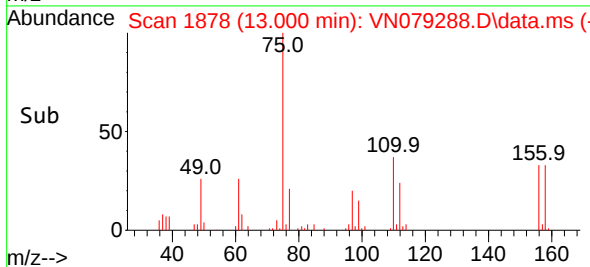
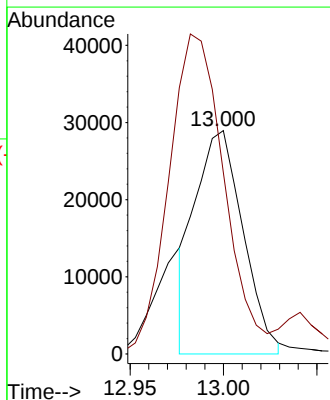
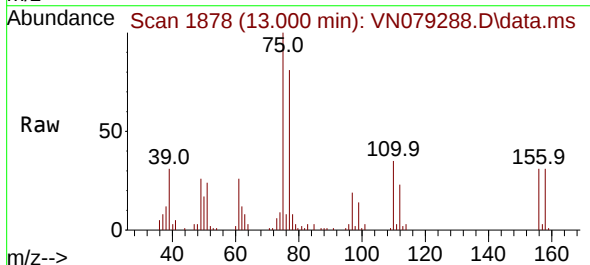
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Supervised By :Semsettin
Yesilyurt

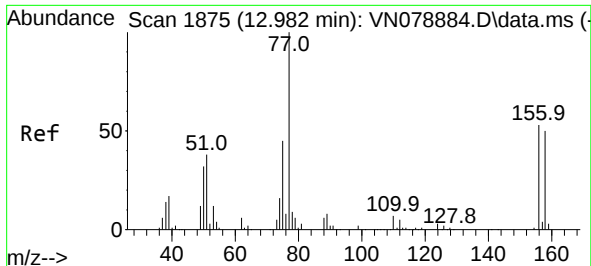
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#76
1,2,3-Trichloropropane
Concen: 16.878 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

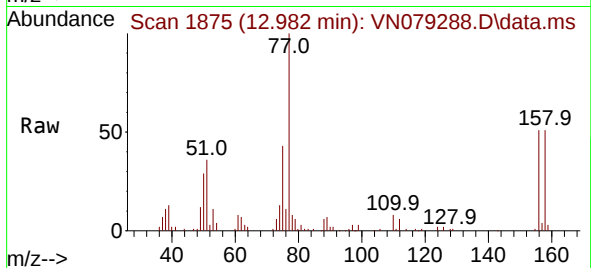
Tgt Ion: 75 Resp: 51600
Ion Ratio Lower Upper
75 100
77 165.3 84.5 253.5





#77
Bromobenzene
Concen: 14.784 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01



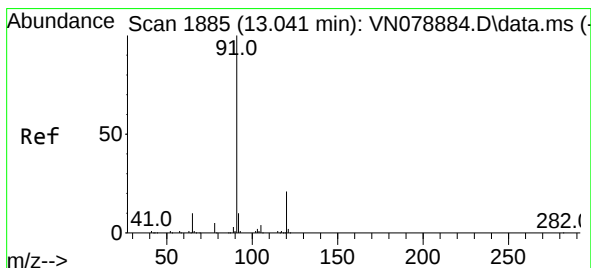
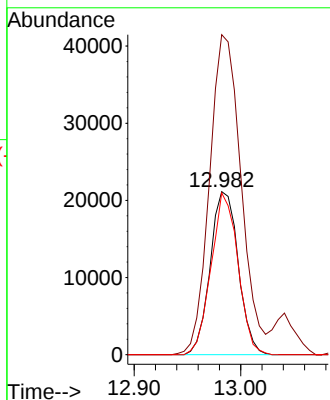
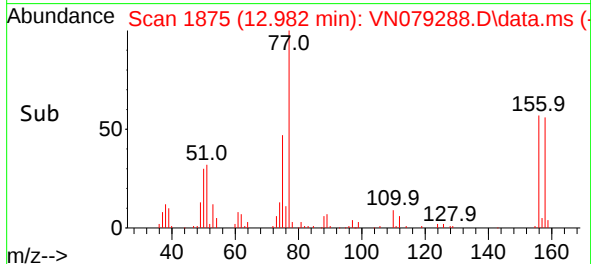
Tgt Ion:156 Resp: 3863
Ion Ratio Lower Upper
156 100
77 220.7 107.7 323.3
158 94.9 48.4 145.3

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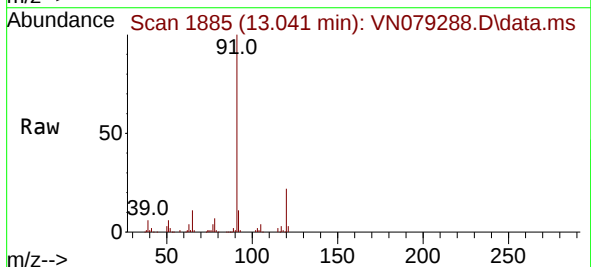
Reviewed By :John Carlone 09/19/2023
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Yesilyurt

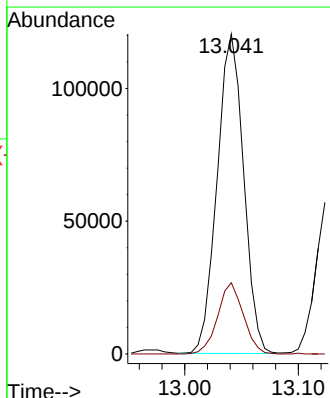
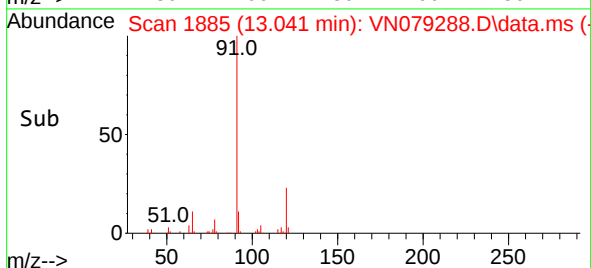
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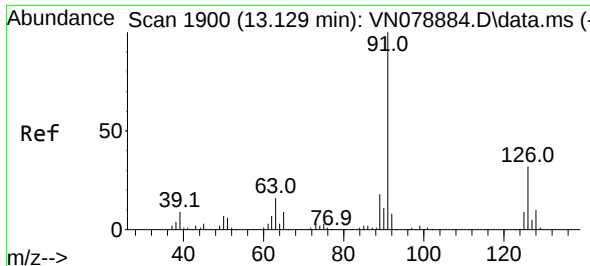


#78
n-propylbenzene
Concen: 16.821 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52



Tgt Ion: 91 Resp: 195018
Ion Ratio Lower Upper
91 100
120 21.5 11.5 34.4





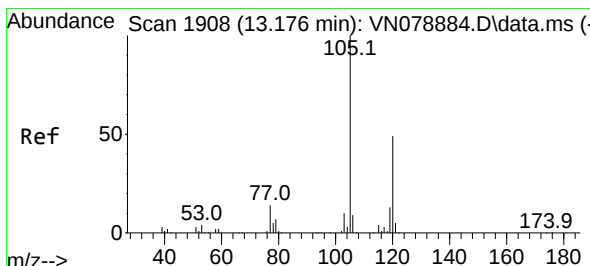
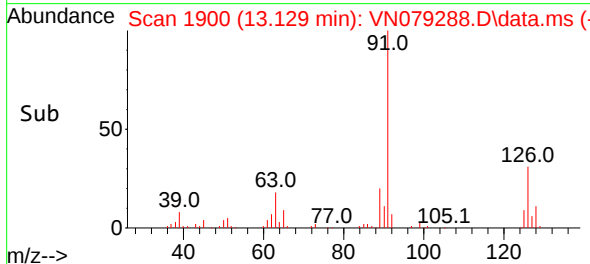
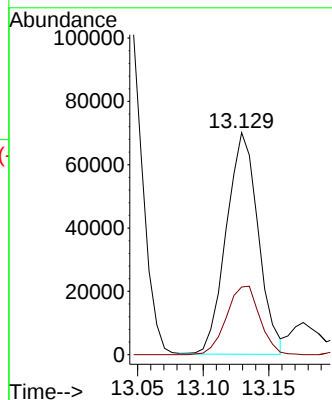
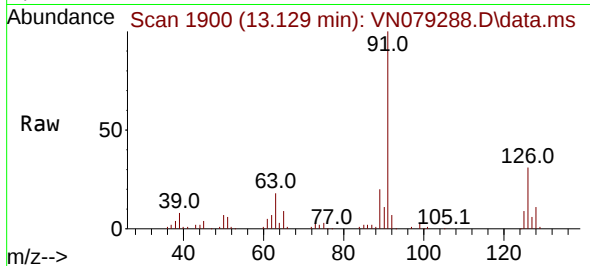
#79
2-Chlorotoluene
Concen: 15.656 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01

Tgt Ion: 91 Resp: 118710
Ion Ratio Lower Upper
91 100
126 32.2 16.3 48.8

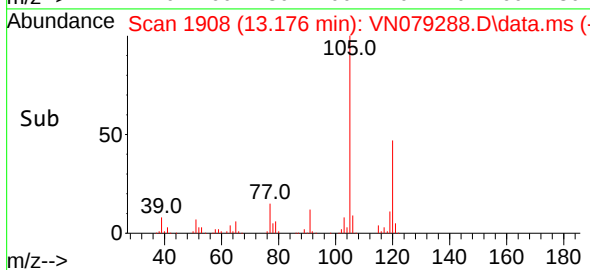
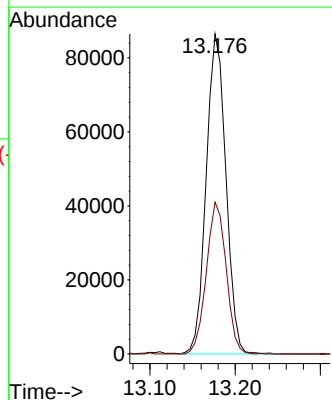
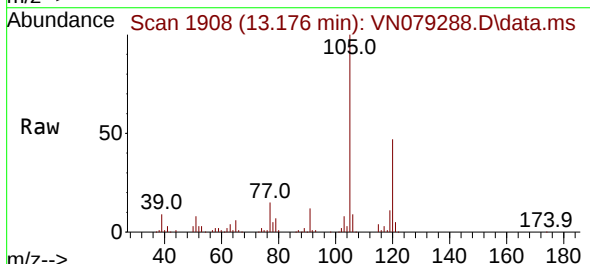
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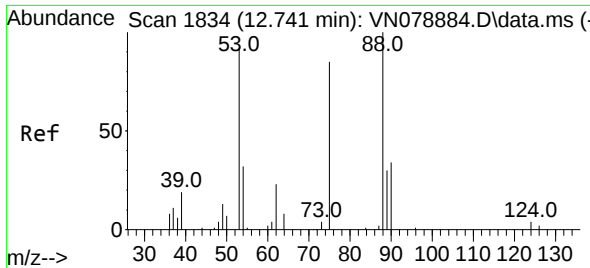
Reviewed By :John Carlone 09/19/2023
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#80
1,3,5-Trimethylbenzene
Concen: 16.144 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

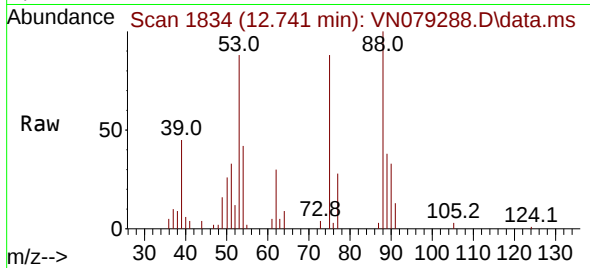
Tgt Ion:105 Resp: 138826
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 13.792 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01



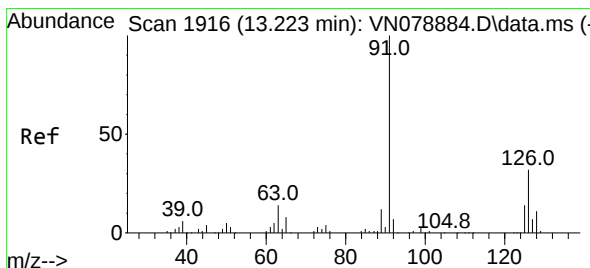
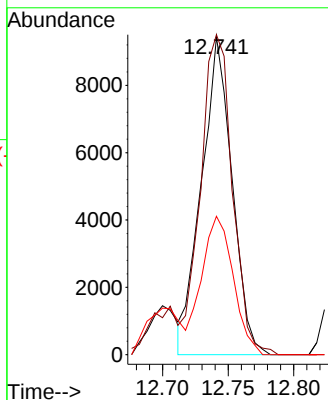
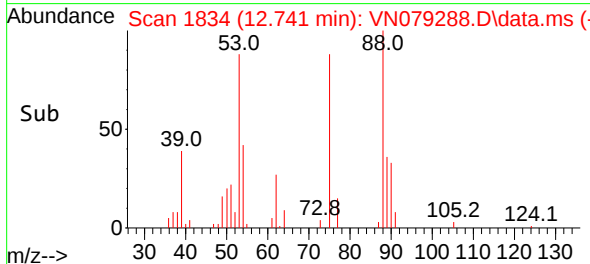
Tgt Ion: 75 Resp: 1533
Ion Ratio Lower Upper
75 100
53 104.7 67.4 101.2
89 44.9 38.8 58.2

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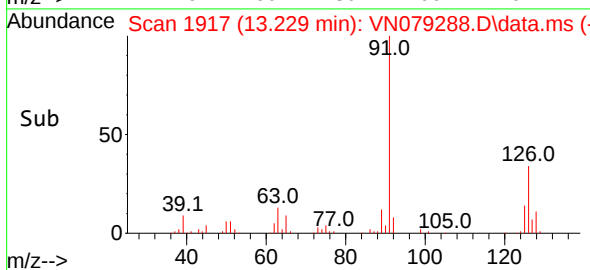
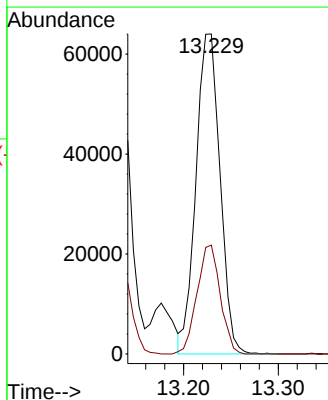
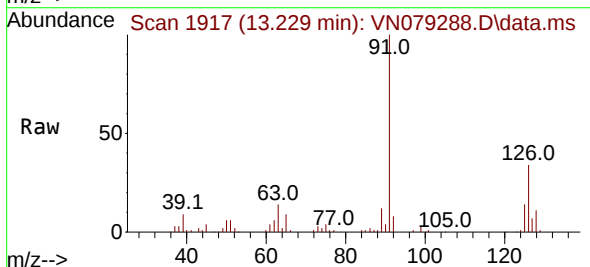
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Yesilyurt

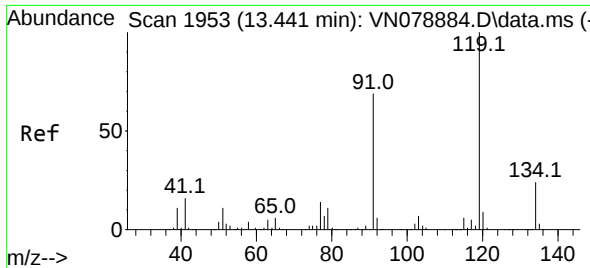
09/19/2023



#82
4-Chlorotoluene
Concen: 15.879 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

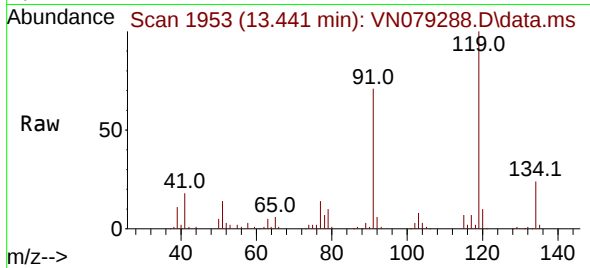
Tgt Ion: 91 Resp: 113136
Ion Ratio Lower Upper
91 100
126 32.9 16.7 50.0





#83
tert-Butylbenzene
Concen: 15.789 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01



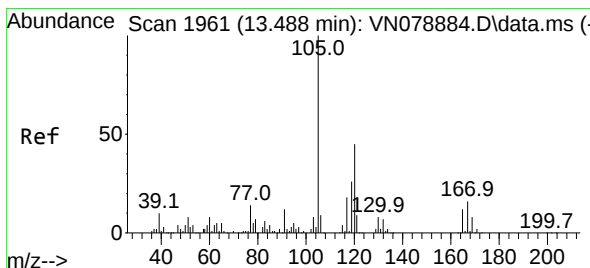
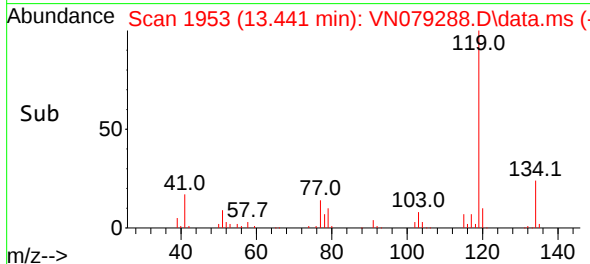
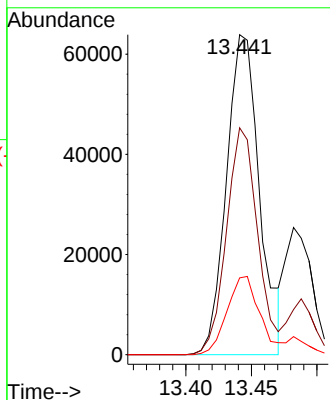
Tgt Ion:119 Resp: 112324
Ion Ratio Lower Upper
119 100
91 66.9 33.9 101.7
134 24.8 13.2 39.6

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Supervised By :Semsettin Yesilyurt 09/19/2023

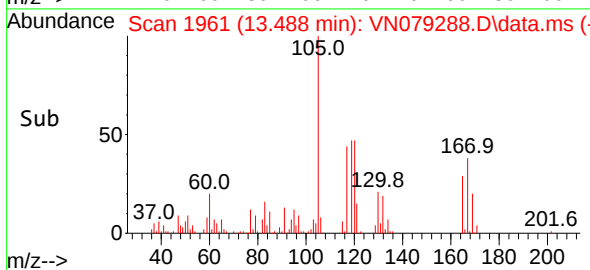
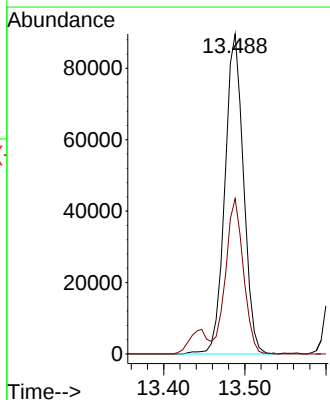
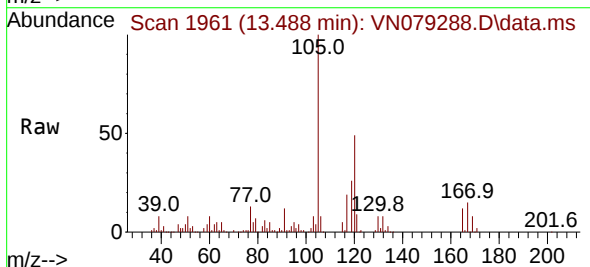
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Yesilyurt

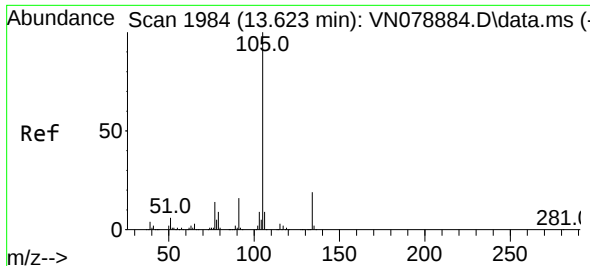
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#84
1,2,4-Trimethylbenzene
Concen: 17.416 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

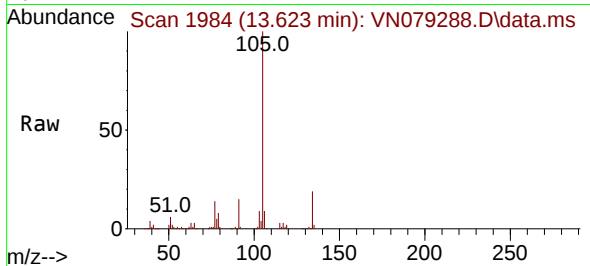
Tgt Ion:105 Resp: 142632
Ion Ratio Lower Upper
105 100
120 46.4 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 17.662 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079288.D
 Acq: 18 Sep 2023 15:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBS01



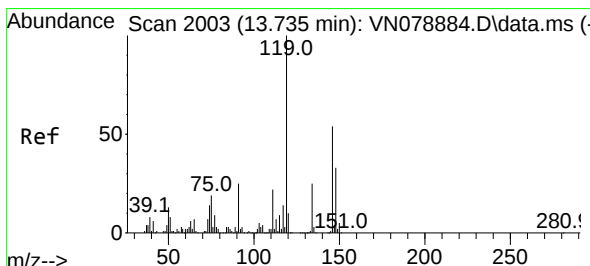
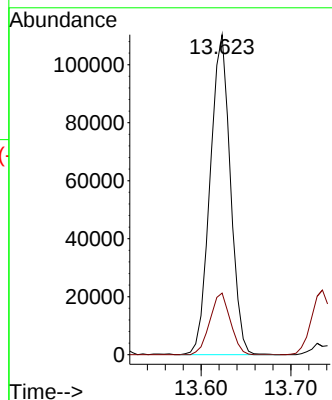
Tgt Ion:105 Resp: 172975
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3

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 Supervised By :Semsettin Yesilyurt 09/19/2023

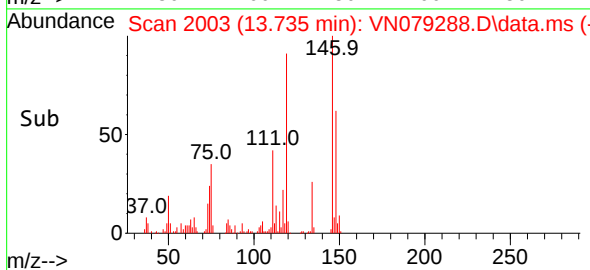
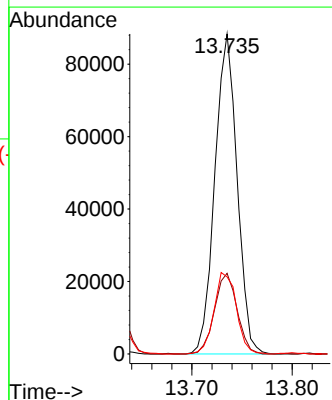
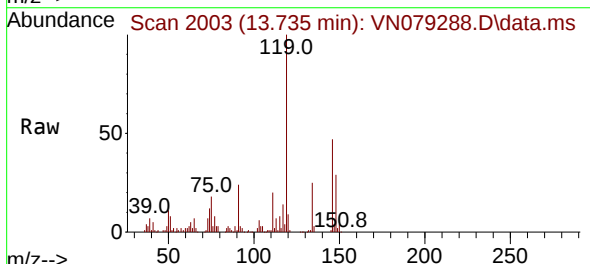
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 Supervised By :Semsettin
 Yesilyurt

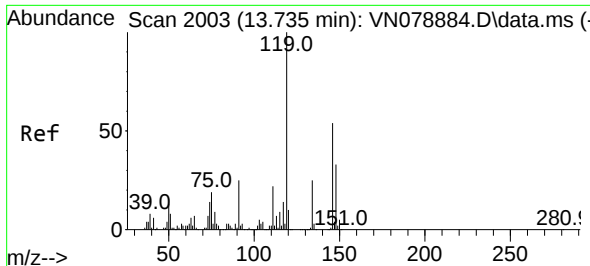
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#86
 p-Isopropyltoluene
 Concen: 17.372 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079288.D
 Acq: 18 Sep 2023 15:52

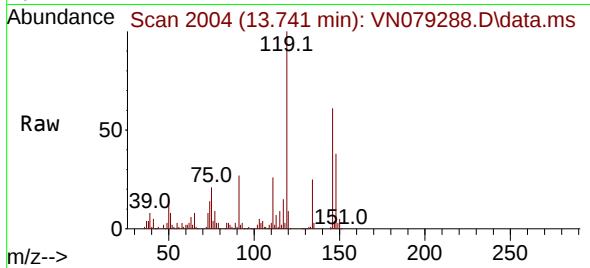
Tgt Ion:119 Resp: 135931
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 25.7 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 16.870 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01



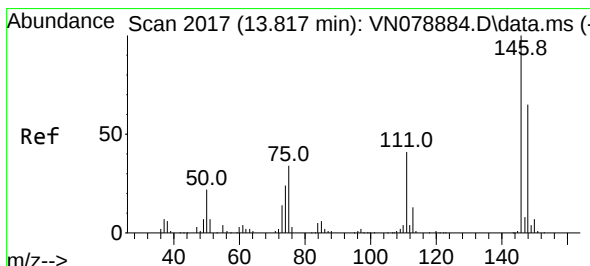
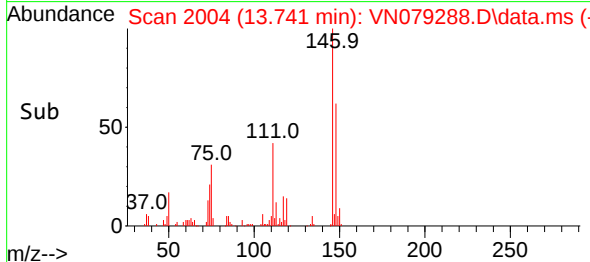
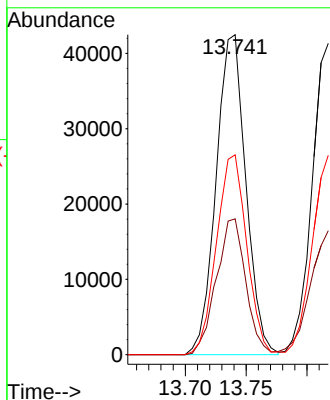
Tgt Ion:146 Resp: 72308
Ion Ratio Lower Upper
146 100
111 42.0 22.1 66.3
148 63.7 32.0 96.0

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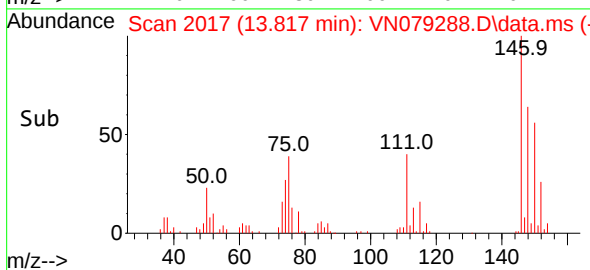
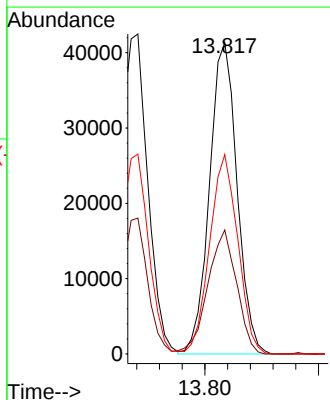
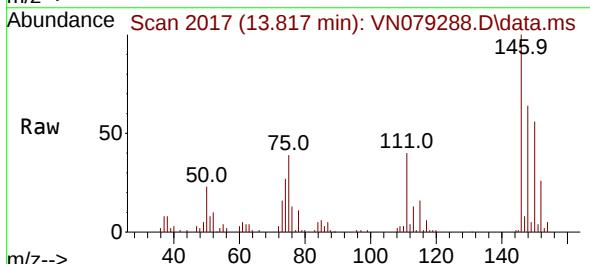
09/19/2023
Supervised By :Semsettin
Yesilyurt

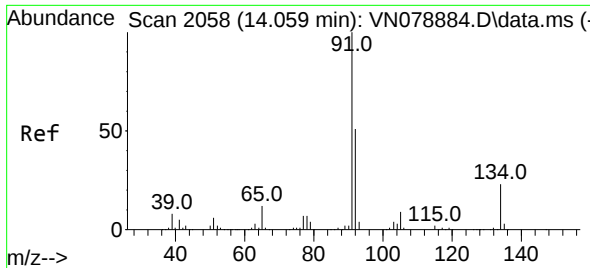
09/19/2023



#88
1,4-Dichlorobenzene
Concen: 16.098 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Tgt Ion:146 Resp: 69724
Ion Ratio Lower Upper
146 100
111 41.8 20.6 61.8
148 65.2 31.6 94.8





#89
n-Butylbenzene
Concen: 16.864 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01

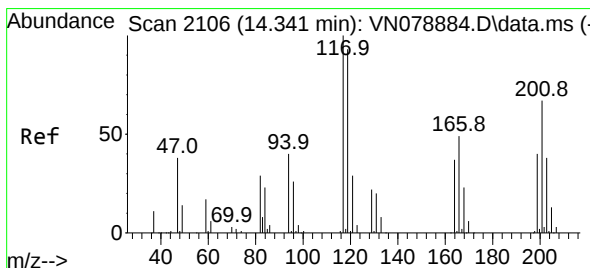
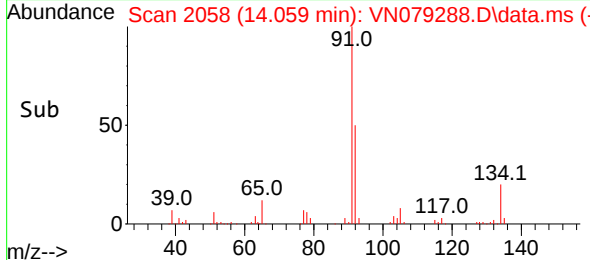
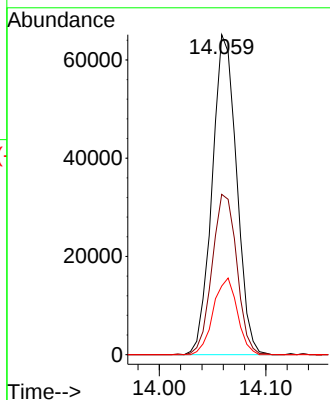
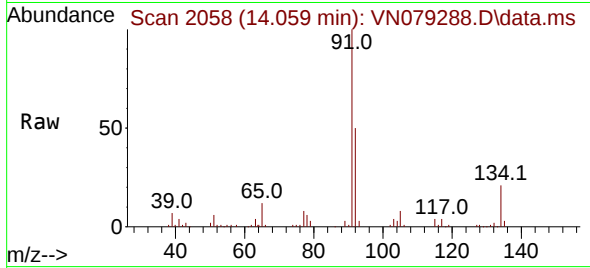
Tgt Ion: 91 Resp: 10376
Ion Ratio Lower Upper
91 100
92 50.7 26.4 79.0
134 23.5 12.6 37.6

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Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023

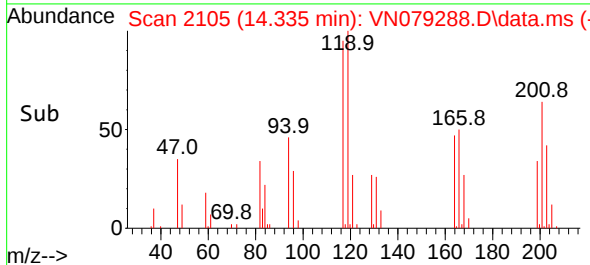
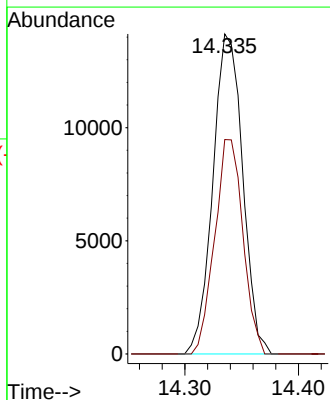
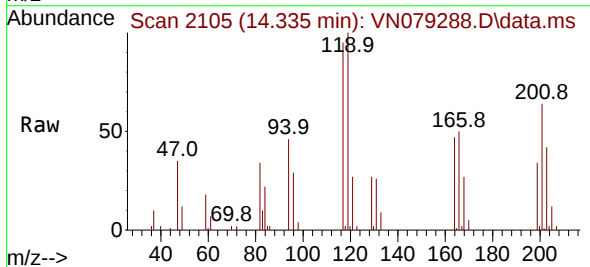
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Supervised By :Semsettin
Yesilyurt

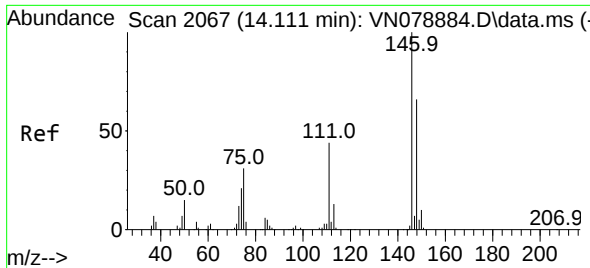
09/19/2023



#90
Hexachloroethane
Concen: 16.197 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Tgt Ion:117 Resp: 25736
Ion Ratio Lower Upper
117 100
201 63.6 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 16.633 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01

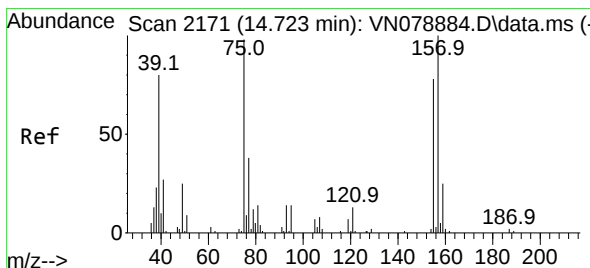
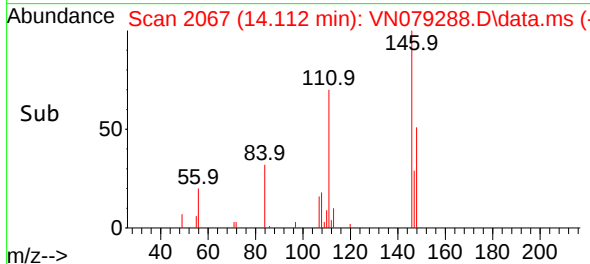
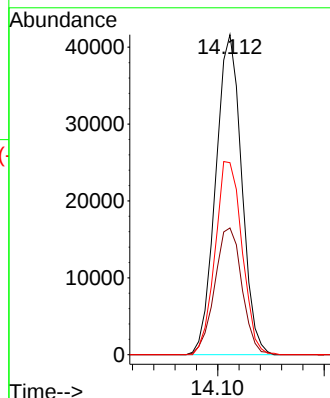
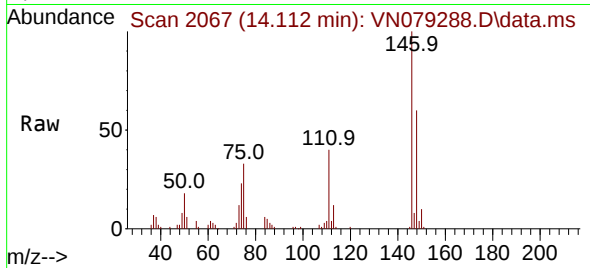
Tgt Ion:146 Resp: 7037
Ion Ratio Lower Upper
146 100
111 41.6 22.0 66.0
148 62.7 31.8 95.3

Manual Integrations
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Reviewed By :John Carlone 09/19/2023
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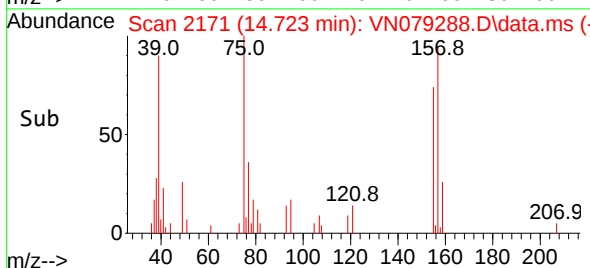
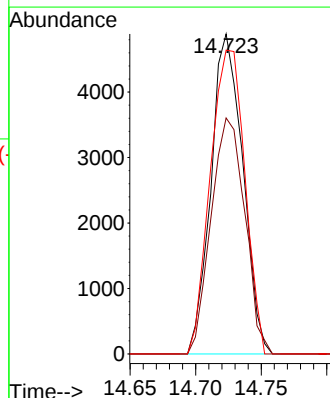
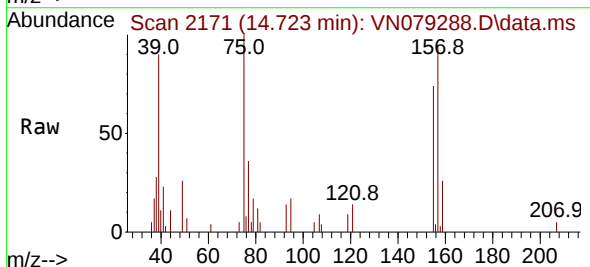
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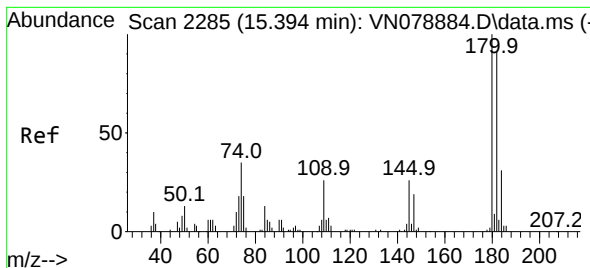
09/19/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 14.108 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Tgt Ion: 75 Resp: 8242
Ion Ratio Lower Upper
75 100
155 78.3 39.1 117.2
157 103.2 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 11.385 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN079288.D

Acq: 18 Sep 2023 15:52

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBS01

Tgt Ion:	180	Resp:	1731
Ion Ratio	Lower	Upper	
180	100		
182	99.9	46.1	138.2
145	31.1	16.6	49.8

Manual Integrations

APPROVED

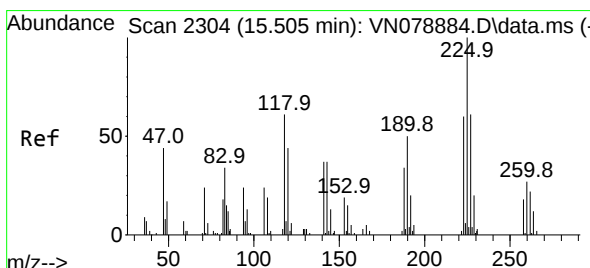
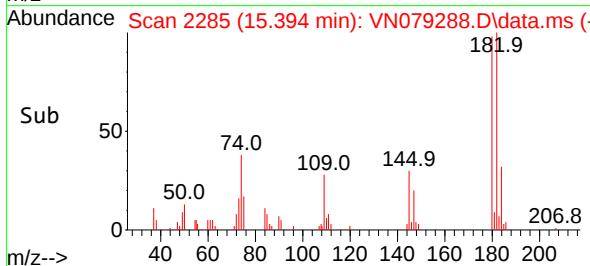
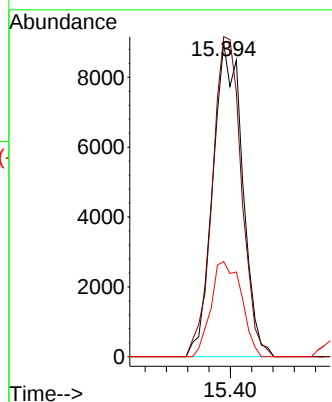
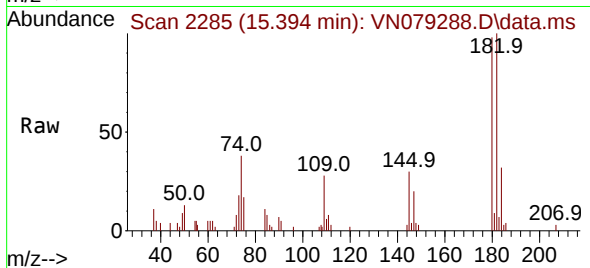
Reviewed By :John Carlone 09/19/2023

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#94

Hexachlorobutadiene

Concen: 11.766 ug/l

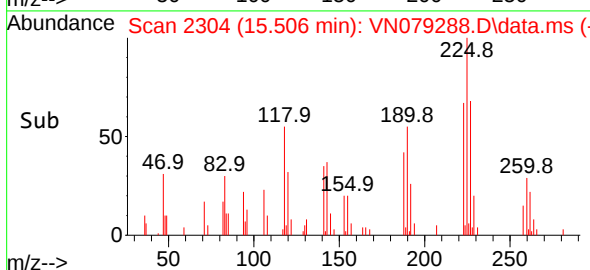
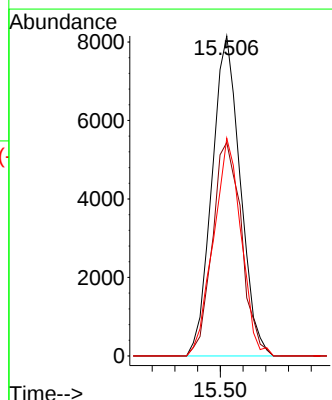
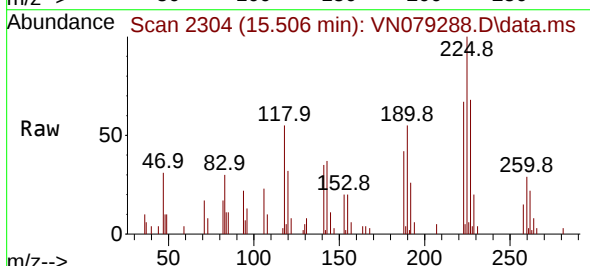
RT: 15.506 min Scan# 2304

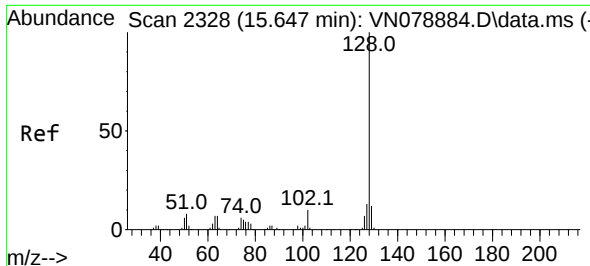
Delta R.T. -0.000 min

Lab File: VN079288.D

Acq: 18 Sep 2023 15:52

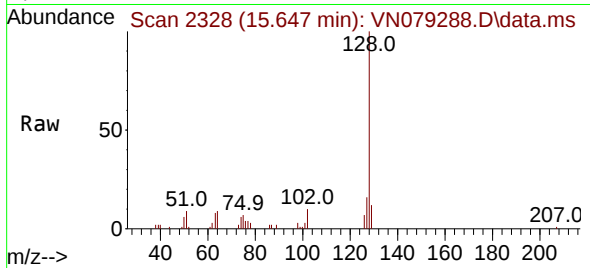
Tgt Ion:	225	Resp:	14074
Ion Ratio	Lower	Upper	
225	100		
223	68.8	31.3	93.8
227	66.7	31.9	95.9





#95
Naphthalene
Concen: 9.407 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBS01



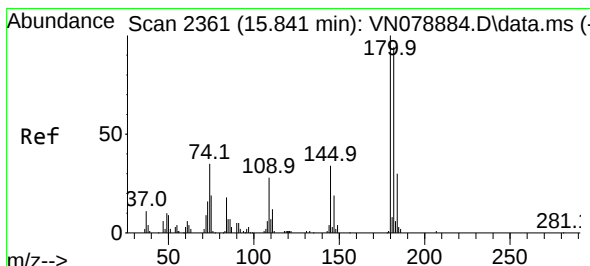
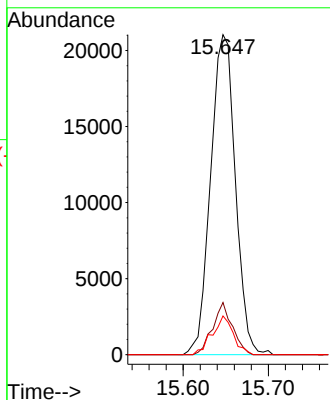
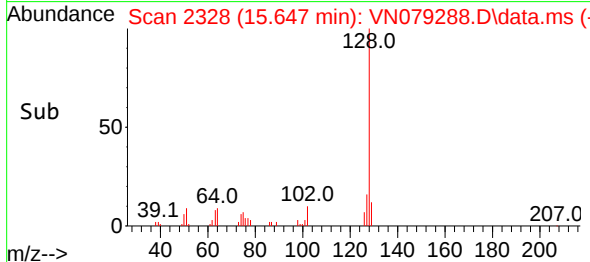
Tgt Ion:128 Resp: 4248
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.3 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023

09/19/2023
Supervised By :Semsettin
Yesilyurt

09/19/2023



#96
1,2,3-Trichlorobenzene
Concen: 11.559 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079288.D
Acq: 18 Sep 2023 15:52

Tgt Ion:180 Resp: 20733
Ion Ratio Lower Upper
180 100
182 93.6 46.2 138.6
145 35.4 17.5 52.6

