

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092523\
 Data File : VN079340.D
 Acq On : 25 Sep 2023 12:56
 Operator : JC\MD
 Sample : VN0925WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/26/2023
 Supervised By : Semsettin Yesilyurt 09/26/2023

Quant Time: Sep 26 06:18:58 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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	154959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	273826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	251669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	125384	59.941	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	119.880%
35) Dibromofluoromethane	8.171	113	95484	52.422	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.840%
50) Toluene-d8	10.571	98	349265	52.222	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.440%
62) 4-Bromofluorobenzene	12.853	95	110145	51.630	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.260%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.130	85	29703	19.373	ug/l	95
3) Chloromethane	2.365	50	38878	19.316	ug/l	95
4) Vinyl Chloride	2.518	62	44942	20.493	ug/l	93
5) Bromomethane	2.959	94	26018	20.639	ug/l	95
6) Chloroethane	3.118	64	32839	22.882	ug/l	99
7) Trichlorofluoromethane	3.495	101	58250	18.138	ug/l	100
8) Diethyl Ether	3.971	74	21762	19.524	ug/l	58
9) 1,1,2-Trichlorotrifluo...	4.377	101	32931	19.282	ug/l	97
10) Methyl Iodide	4.595	142	34093	24.404	ug/l	91
11) Tert butyl alcohol	5.530	59	30083	77.897	ug/l	100
12) 1,1-Dichloroethene	4.348	96	31237	18.900	ug/l	96
13) Acrolein	4.183	56	48029	130.377	ug/l	99
14) Allyl chloride	5.024	41	48043	18.223	ug/l	89
15) Acrylonitrile	5.724	53	102073	101.932	ug/l	98
16) Acetone	4.430	43	95721	107.746	ug/l	93
17) Carbon Disulfide	4.712	76	77576	15.018	ug/l	100
18) Methyl Acetate	5.030	43	81631	22.357	ug/l #	82
19) Methyl tert-butyl Ether	5.800	73	112787	19.898	ug/l	94
20) Methylene Chloride	5.277	84	40638	18.797	ug/l #	84
21) trans-1,2-Dichloroethene	5.789	96	35246	18.384	ug/l #	80
22) Diisopropyl ether	6.677	45	128973	22.296	ug/l #	90
23) Vinyl Acetate	6.606	43	370442	104.114	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	74535	20.902	ug/l	97
25) 2-Butanone	7.489	43	136754	106.093	ug/l #	78
26) 2,2-Dichloropropane	7.489	77	58984	20.156	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	41923	19.124	ug/l	88
28) Bromochloromethane	7.812	49	36524	22.653	ug/l #	72
29) Tetrahydrofuran	7.847	42	87241	106.354	ug/l #	75
30) Chloroform	7.971	83	78919	21.256	ug/l	94
31) Cyclohexane	8.259	56	57359	18.780	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	63716	20.132	ug/l	96
36) 1,1-Dichloropropene	8.377	75	52212	18.597	ug/l	95
37) Ethyl Acetate	7.565	43	55025	19.650	ug/l #	92
38) Carbon Tetrachloride	8.365	117	53550	18.432	ug/l	98
39) Methylcyclohexane	9.606	83	47676	17.216	ug/l #	84
40) Benzene	8.612	78	161503	18.791	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	30267	21.437	ug/l #	84
42) 1,2-Dichloroethane	8.677	62	62319	21.063	ug/l	98
43) Isopropyl Acetate	8.694	43	90426	19.790	ug/l #	90
44) Trichloroethene	9.353	130	37789	17.849	ug/l	95
45) 1,2-Dichloropropane	9.624	63	45171	21.178	ug/l	98
46) Dibromomethane	9.712	93	30439	21.022	ug/l	99
47) Bromodichloromethane	9.894	83	62318	21.013	ug/l	97
48) Methyl methacrylate	9.682	41	42391	20.713	ug/l #	78
49) 1,4-Dioxane	9.700	88	15673	372.320	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	283007	106.699	ug/l	88
52) Toluene	10.635	92	100128	18.957	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	59724	19.098	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	66044	19.746	ug/l #	88
55) 1,1,2-Trichloroethane	11.024	97	41919	20.226	ug/l	97
56) Ethyl methacrylate	10.882	69	56300	19.244	ug/l #	81
57) 1,3-Dichloropropane	11.171	76	72597	20.263	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	128677	111.491	ug/l	89
59) 2-Hexanone	11.200	43	194985	101.497	ug/l	87
60) Dibromochloromethane	11.365	129	43484	19.714	ug/l	99
61) 1,2-Dibromoethane	11.471	107	40198	19.436	ug/l	98
64) Tetrachloroethene	11.106	164	32784	17.865	ug/l	97
65) Chlorobenzene	11.894	112	102237	17.932	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	39810	18.621	ug/l	97
67) Ethyl Benzene	11.971	91	179408	18.397	ug/l	98
68) m/p-Xylenes	12.076	106	135571	37.297	ug/l	96
69) o-Xylene	12.400	106	63564	18.234	ug/l	92
70) Styrene	12.418	104	104250	18.594	ug/l	97
71) Bromoform	12.582	173	27207	17.238	ug/l #	97
73) Isopropylbenzene	12.700	105	164644	17.882	ug/l	98
74) N-amyl acetate	12.500	43	63585	18.202	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	62119	18.118	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	53895m	19.760	ug/l	
77) Bromobenzene	12.982	156	39797	17.070	ug/l	95
78) n-propylbenzene	13.041	91	195152	18.868	ug/l	96
79) 2-Chlorotoluene	13.129	91	120041	17.745	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	141473	18.440	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	15951	16.078	ug/l #	83
82) 4-Chlorotoluene	13.223	91	115906	18.234	ug/l	98
83) tert-Butylbenzene	13.441	119	109728	17.289	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	134949	18.470	ug/l	98
85) sec-Butylbenzene	13.618	105	161055	18.432	ug/l	99
86) p-Isopropyltoluene	13.735	119	125354	17.957	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	66662	17.433	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	65702	17.004	ug/l	98
89) n-Butylbenzene	14.059	91	97214	17.709	ug/l	97
90) Hexachloroethane	14.335	117	26842	18.935	ug/l	93
91) 1,2-Dichlorobenzene	14.112	146	66760	17.685	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9583	18.386	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	20225	14.909	ug/l	97
94) Hexachlorobutadiene	15.500	225	15774	14.782	ug/l	100
95) Naphthalene	15.647	128	50190	12.457	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	22222	13.887	ug/l	98

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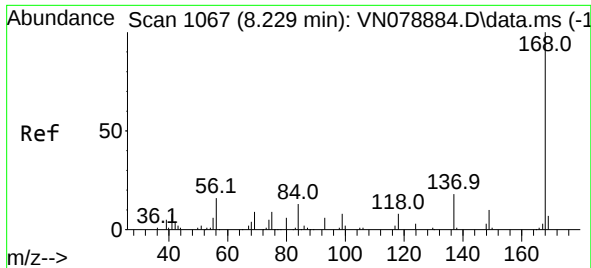
Manual Integrations
APPROVED

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

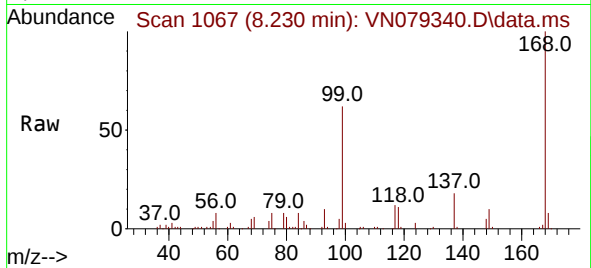
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

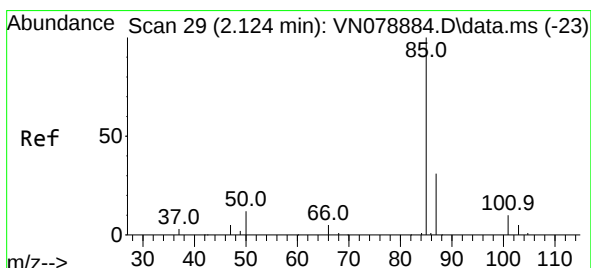
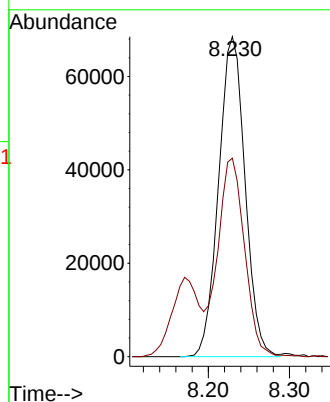
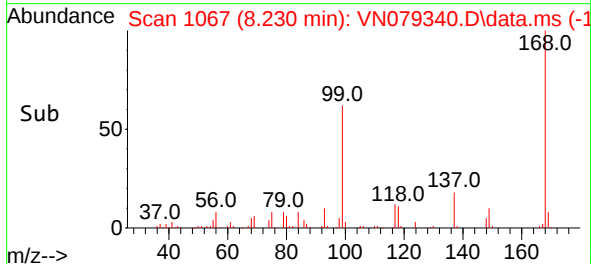
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBSD01



Tgt Ion:168 Resp: 15495
Ion Ratio Lower Upper
168 100
99 61.5 53.0 79.6

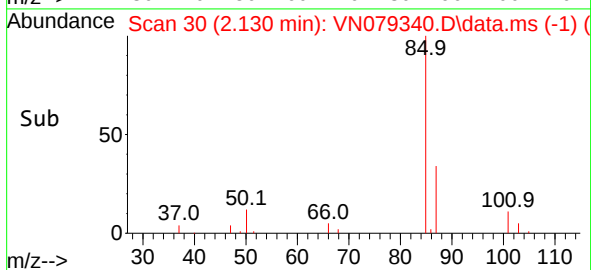
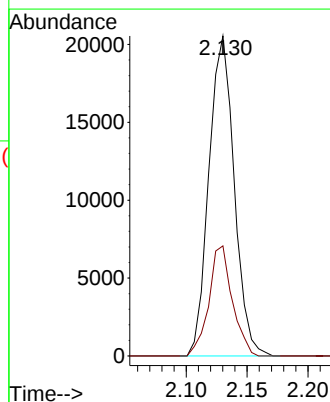
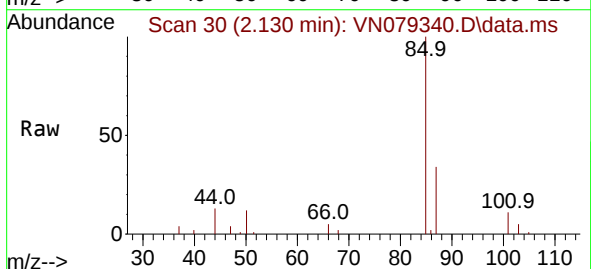
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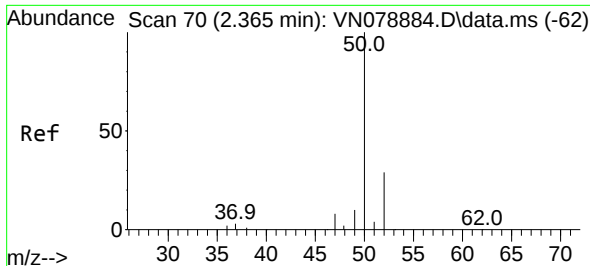
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#2
Dichlorodifluoromethane
Concen: 19.373 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

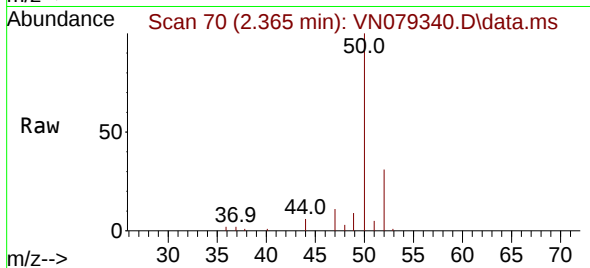
Tgt Ion: 85 Resp: 29703
Ion Ratio Lower Upper
85 100
87 34.4 15.8 47.4





#3
Chloromethane
Concen: 19.316 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

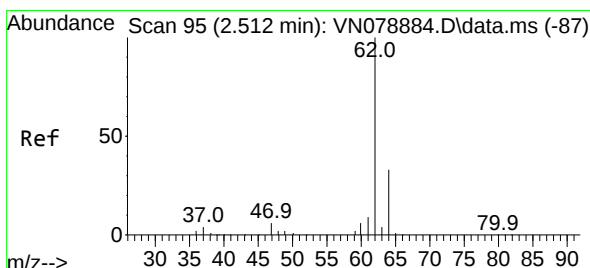
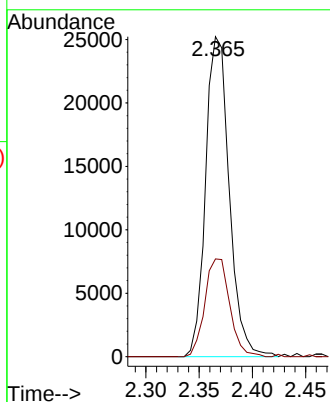
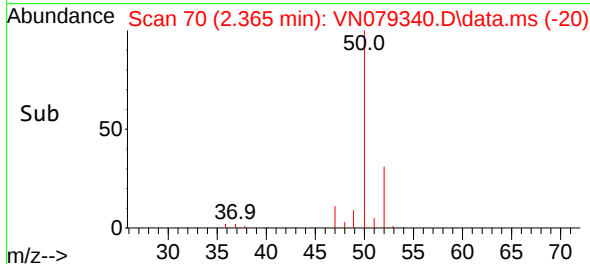
Instrument :
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Tgt Ion: 50 Resp: 38878
Ion Ratio Lower Upper
50 100
52 30.5 26.5 39.7

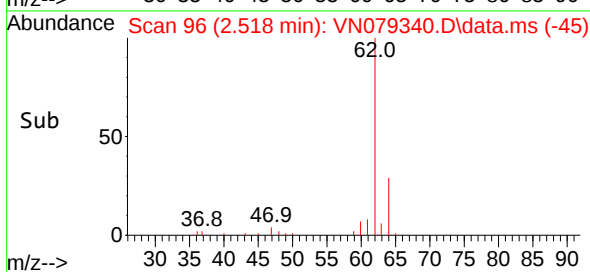
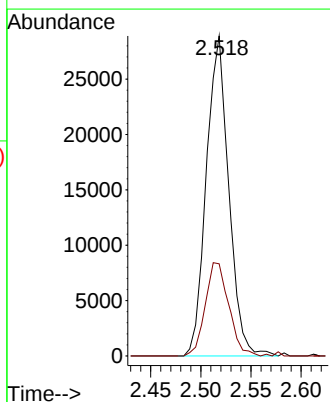
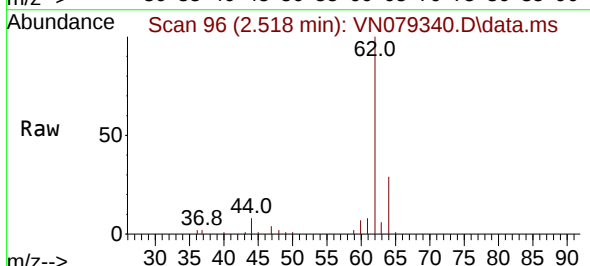
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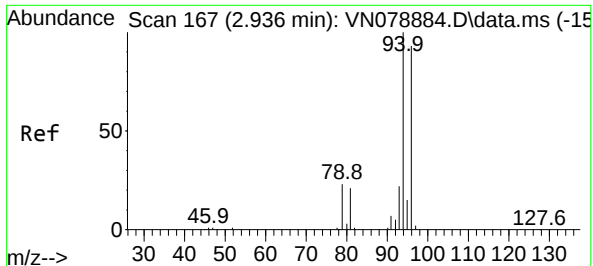
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#4
Vinyl Chloride
Concen: 20.493 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

Tgt Ion: 62 Resp: 44942
Ion Ratio Lower Upper
62 100
64 28.8 26.2 39.2





#5

Bromomethane

Concen: 20.639 ug/l

RT: 2.959 min Scan# 1

Delta R.T. 0.011 min

Lab File: VN079340.D

Acq: 25 Sep 2023 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBSD01

Tgt Ion: 94 Resp: 26018

Ion Ratio Lower Upper

94 100

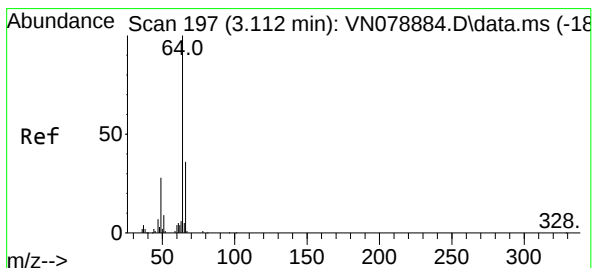
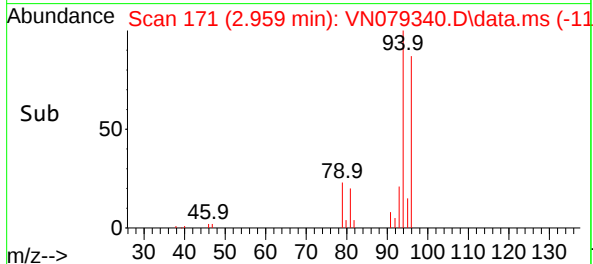
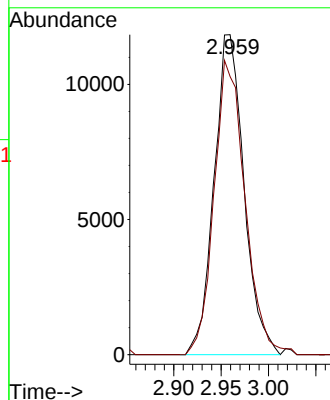
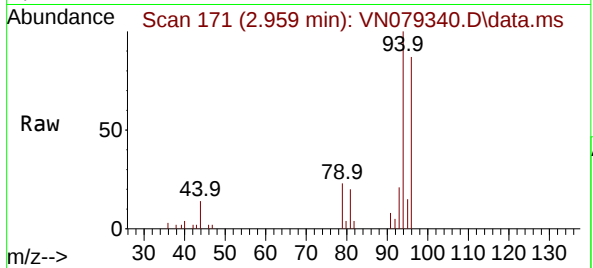
96 86.9 73.1 109.7

Manual Integrations

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#6

Chloroethane

Concen: 22.882 ug/l

RT: 3.118 min Scan# 198

Delta R.T. 0.000 min

Lab File: VN079340.D

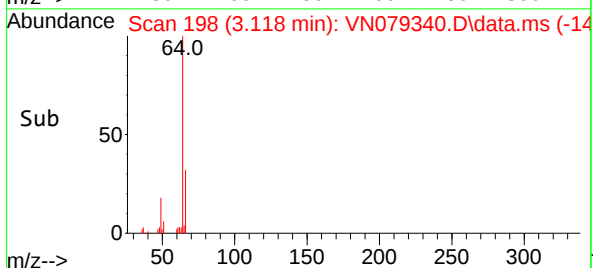
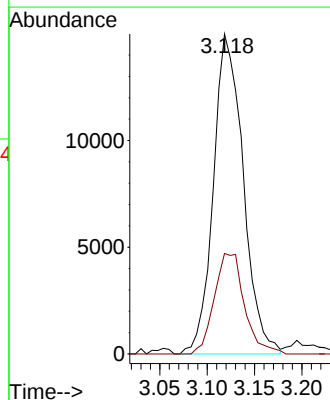
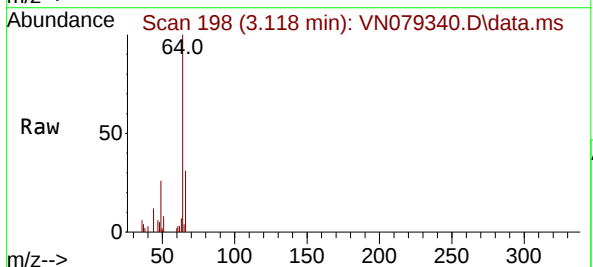
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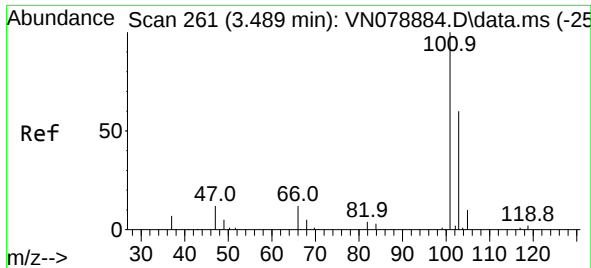
Tgt Ion: 64 Resp: 32839

Ion Ratio Lower Upper

64 100

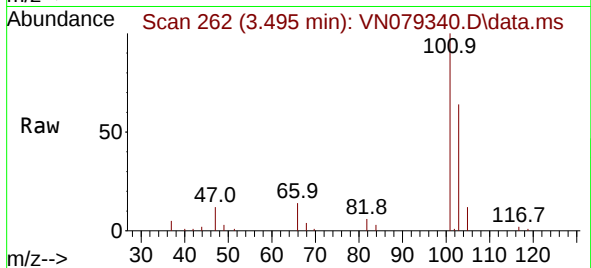
66 31.4 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 18.138 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN079340.D
 Acq: 25 Sep 2023 12:56

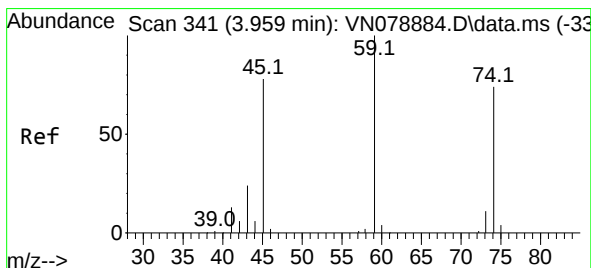
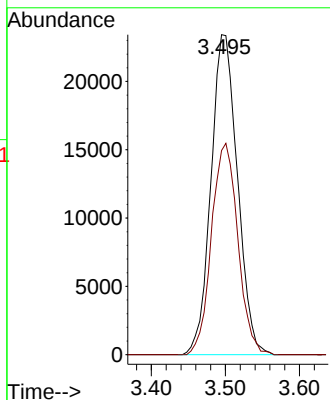
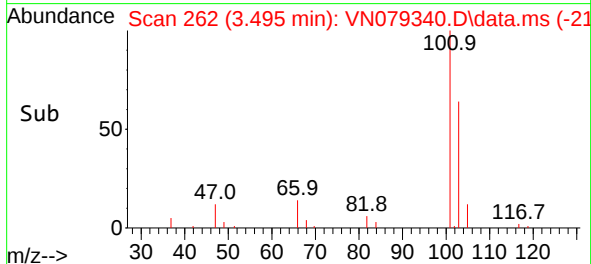
Instrument :
 MSVOA_N
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 VN0925WBSD01



Tgt Ion:101 Resp: 58250
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.7 76.1

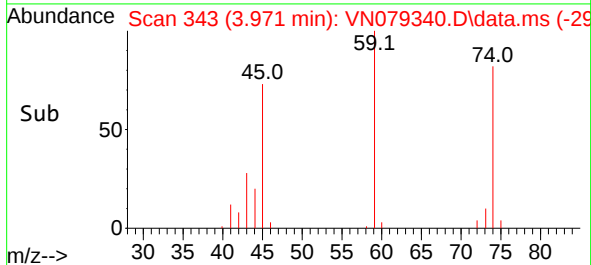
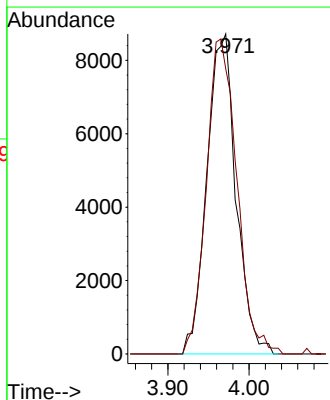
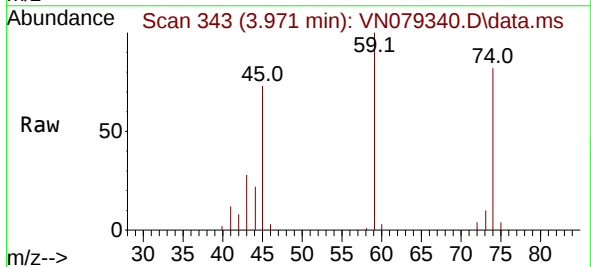
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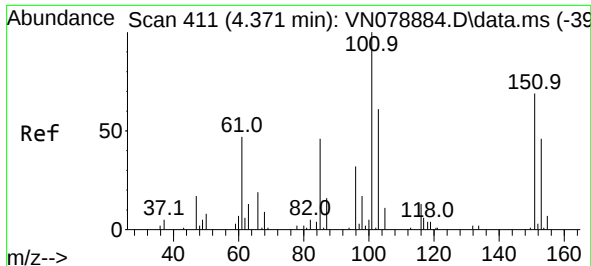
Reviewed By :John Carlone 09/26/2023
 Supervised By :Semsettin Yesilyurt 09/26/2023



#8
 Diethyl Ether
 Concen: 19.524 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
 Lab File: VN079340.D
 Acq: 25 Sep 2023 12:56

Tgt Ion: 74 Resp: 21762
 Ion Ratio Lower Upper
 74 100
 45 102.9 34.4 103.3





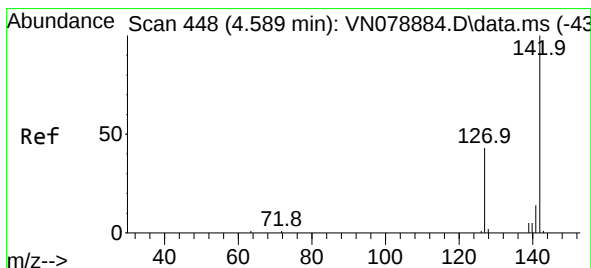
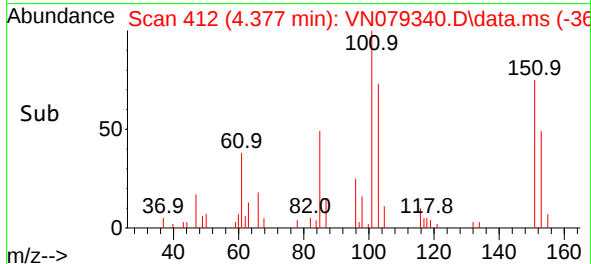
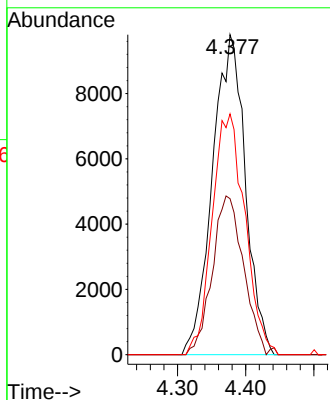
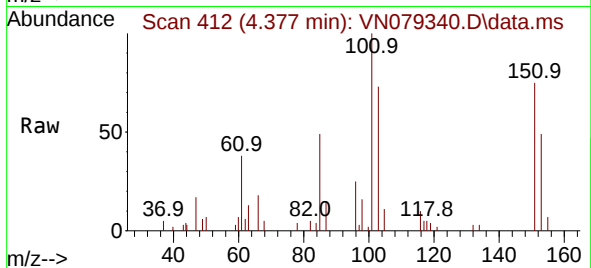
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.282 ug/l
RT: 4.377 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN0925WBSD01

Tgt Ion:101 Resp: 3293
Ion Ratio Lower Upper
101 100
85 47.3 36.6 55.0
151 74.9 57.6 86.4

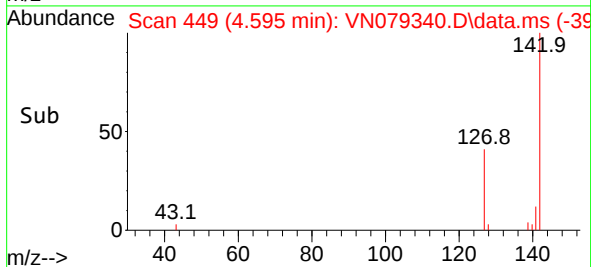
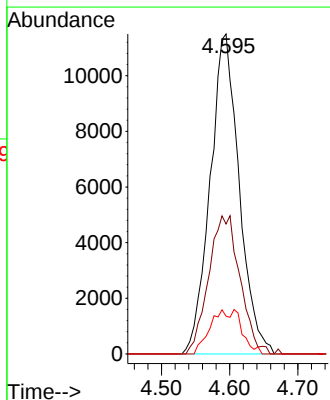
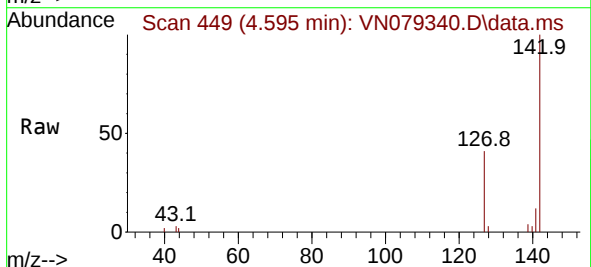
Manual Integrations
APPROVED

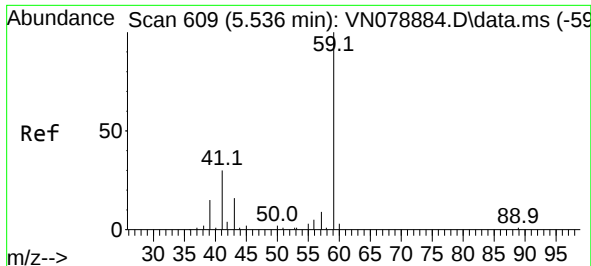
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#10
Methyl Iodide
Concen: 24.404 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

Tgt Ion:142 Resp: 34093
Ion Ratio Lower Upper
142 100
127 40.6 37.6 56.4
141 11.8 11.4 17.0





#11

Tert butyl alcohol

Concen: 77.897 ug/l

RT: 5.530 min Scan# 609

Delta R.T. -0.012 min

Lab File: VN079340.D

Acq: 25 Sep 2023 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBSD01

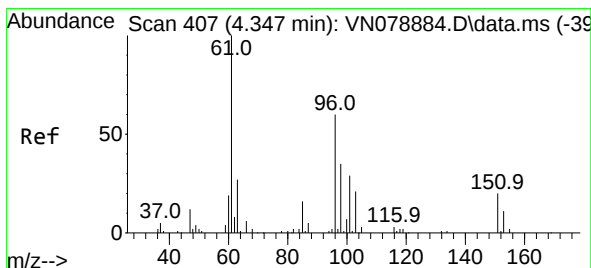
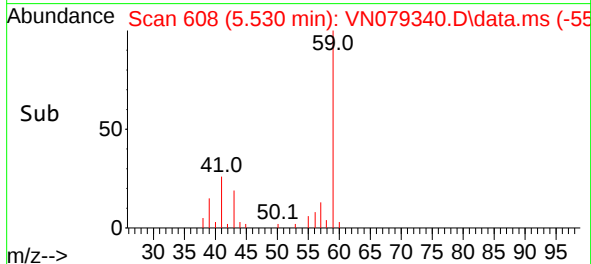
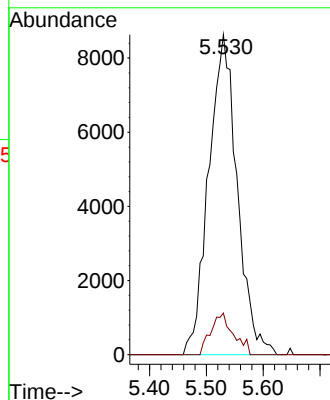
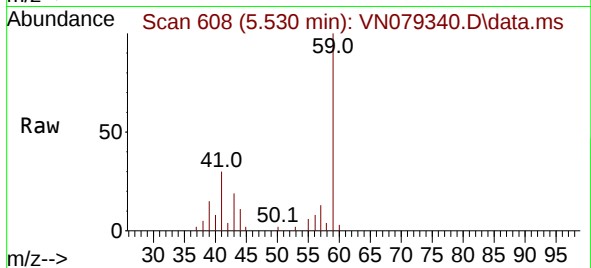
Tgt Ion: 59 Resp: 3008
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#12

1,1-Dichloroethene

Concen: 18.900 ug/l

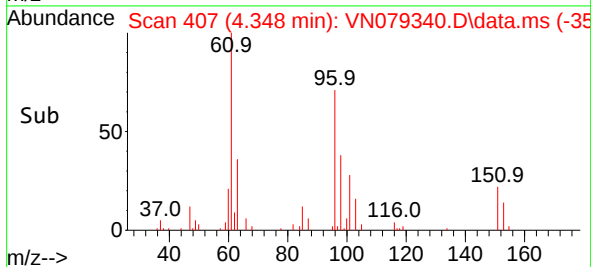
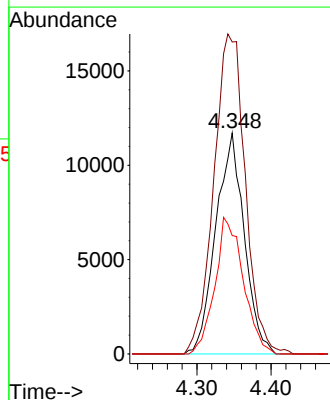
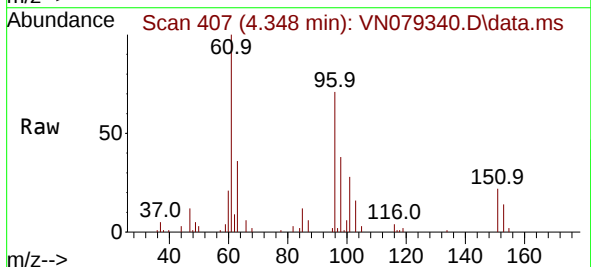
RT: 4.348 min Scan# 407

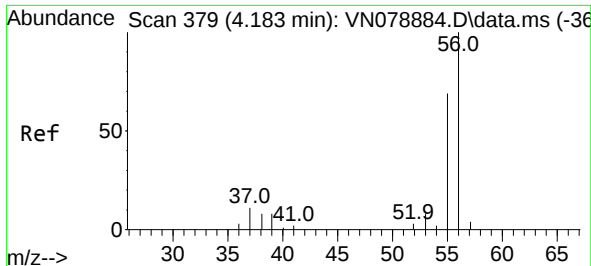
Delta R.T. -0.000 min

Lab File: VN079340.D

Acq: 25 Sep 2023 12:56

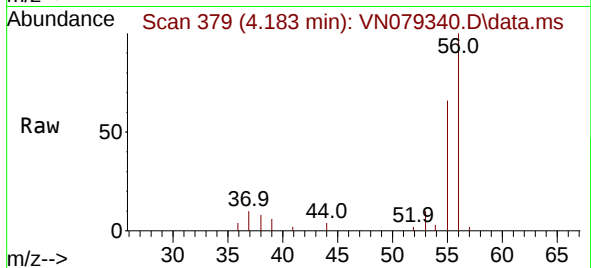
Tgt Ion: 96 Resp: 31237
 Ion Ratio Lower Upper
 96 100
 61 141.2 112.7 169.1
 98 53.6 51.2 76.8





#13
Acrolein
Concen: 130.377 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

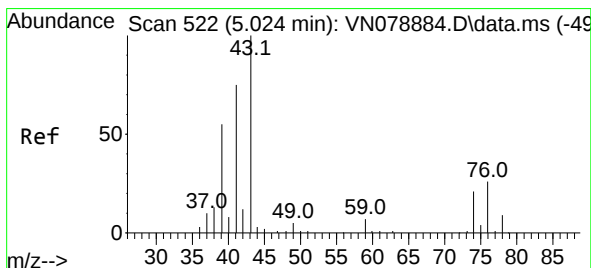
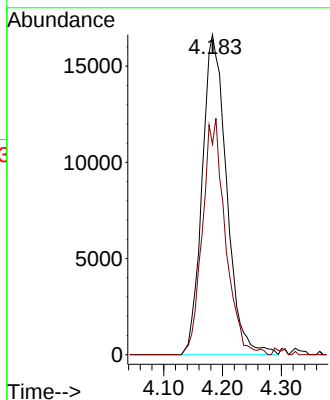
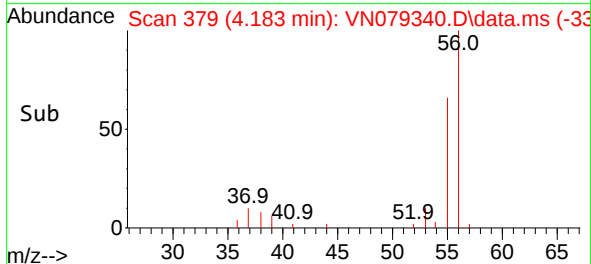
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBSD01



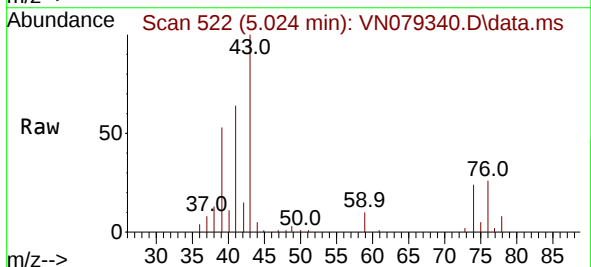
Tgt Ion: 56 Resp: 48029
Ion Ratio Lower Upper
56 100
55 69.1 54.5 81.7

Manual Integrations
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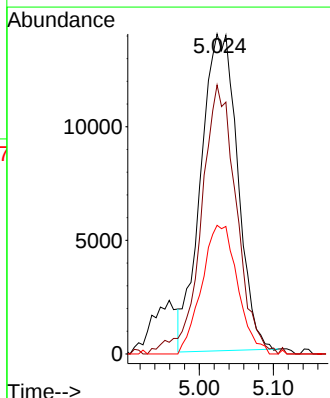
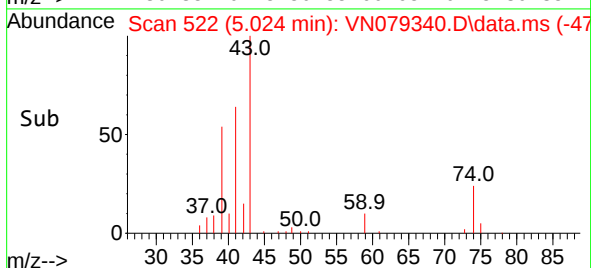
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023

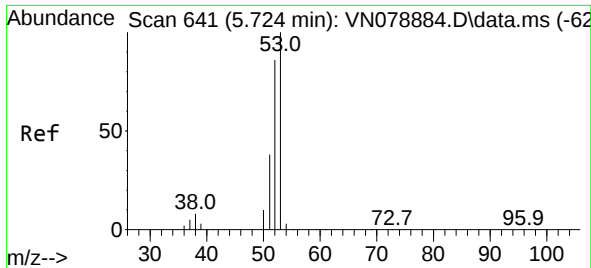


#14
Allyl chloride
Concen: 18.223 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56



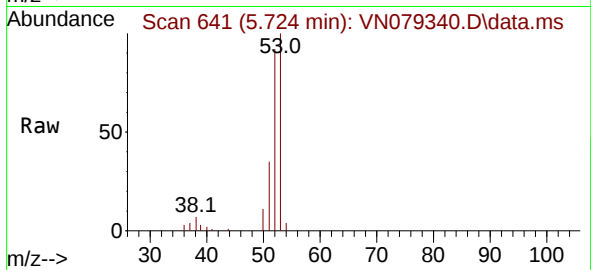
Tgt Ion: 41 Resp: 48043
Ion Ratio Lower Upper
41 100
39 81.1 58.8 88.2
76 39.5 39.1 58.7





#15
Acrylonitrile
Concen: 101.932 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

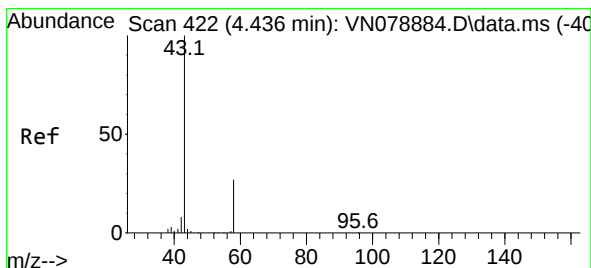
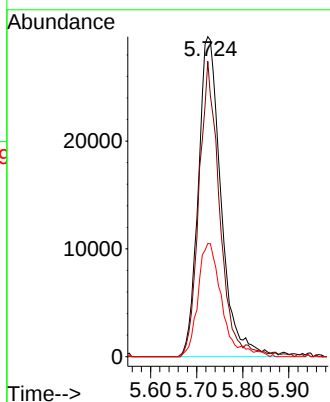
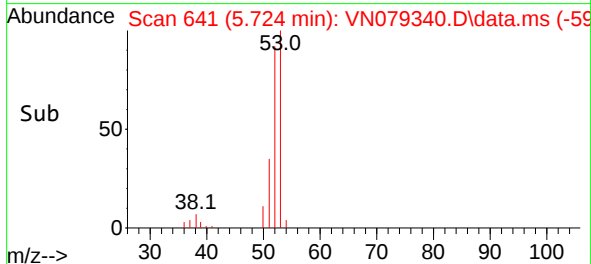
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBSD01



Tgt Ion: 53 Resp: 102073
Ion Ratio Lower Upper
53 100
52 83.2 65.3 97.9
51 37.1 28.9 43.3

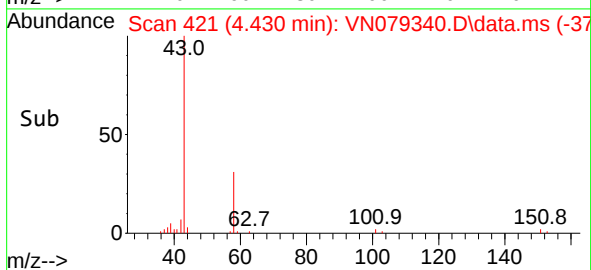
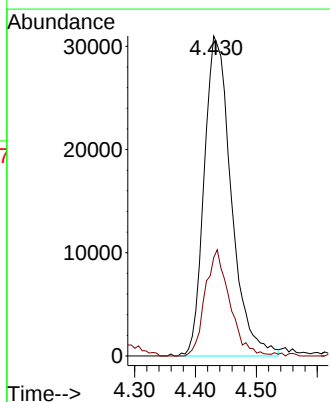
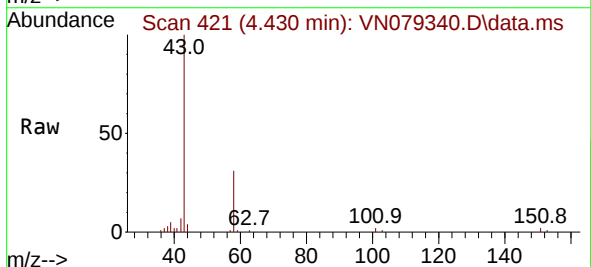
Manual Integrations
APPROVED

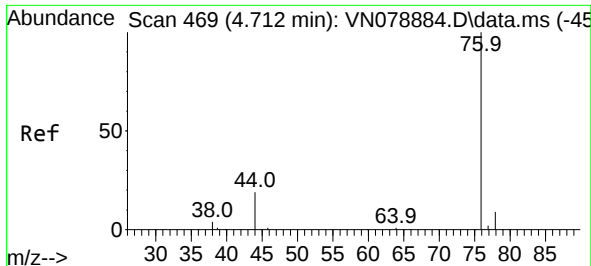
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#16
Acetone
Concen: 107.746 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.012 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

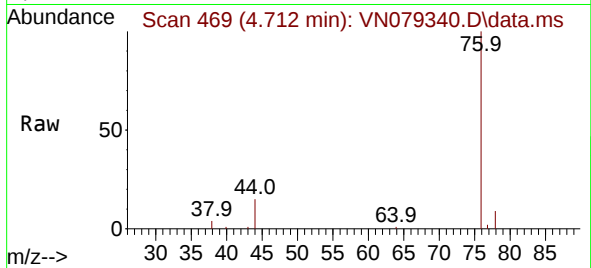
Tgt Ion: 43 Resp: 95721
Ion Ratio Lower Upper
43 100
58 30.7 28.0 42.0





#17
Carbon Disulfide
Concen: 15.018 ug/l
RT: 4.712 min Scan# 407
Delta R.T. -0.012 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

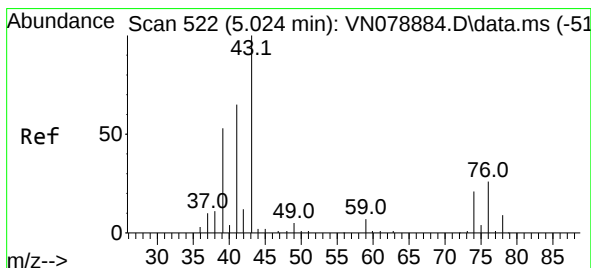
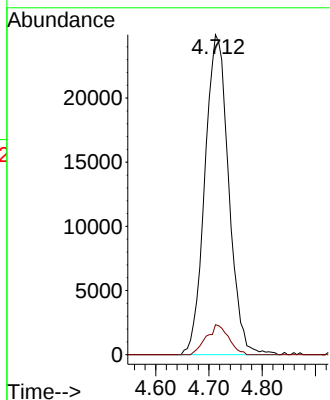
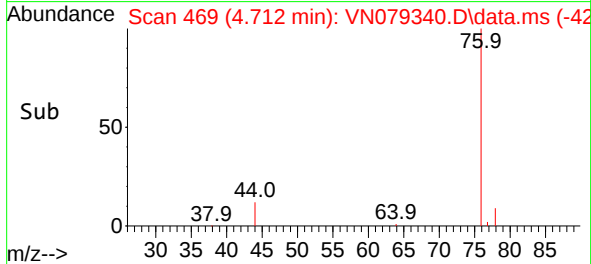
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBSD01



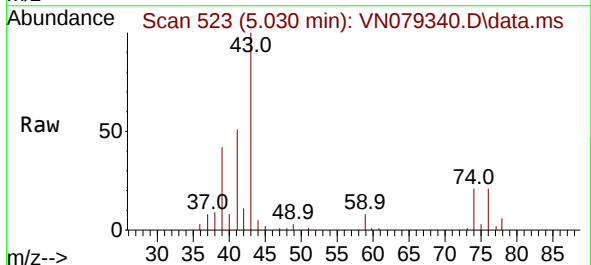
Tgt Ion: 76 Resp: 77570
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

Manual Integrations
APPROVED

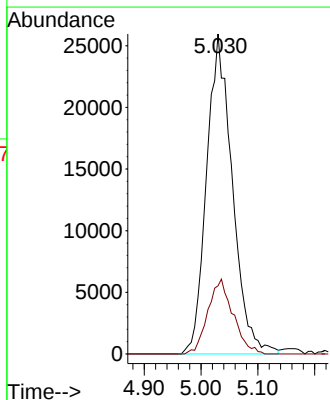
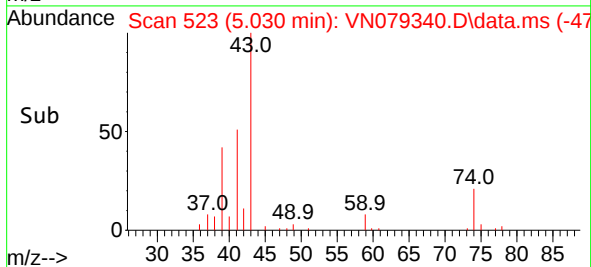
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023

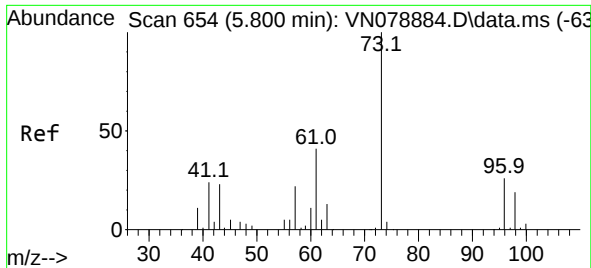


#18
Methyl Acetate
Concen: 22.357 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.012 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56



Tgt Ion: 43 Resp: 81631
Ion Ratio Lower Upper
43 100
74 22.9 26.2 39.4#





#19
Methyl tert-butyl Ether
Concen: 19.898 ug/l
RT: 5.800 min Scan# 612
Delta R.T. -0.018 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

Instrument :

MSVOA_N

ClientSampleId :

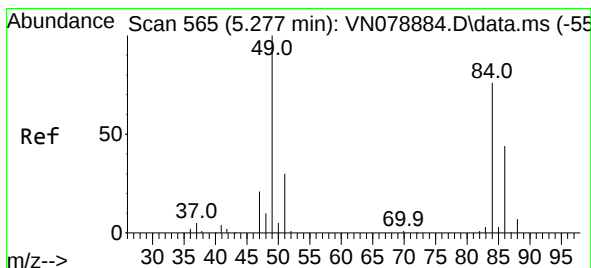
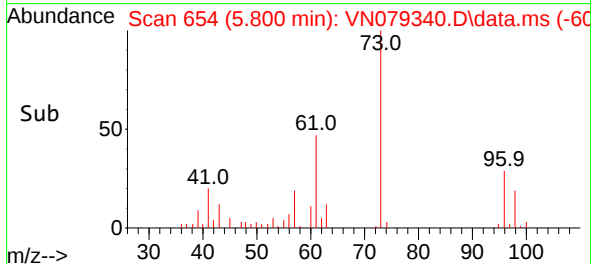
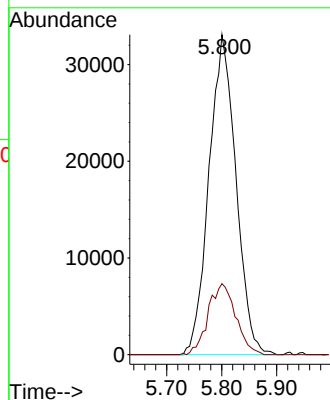
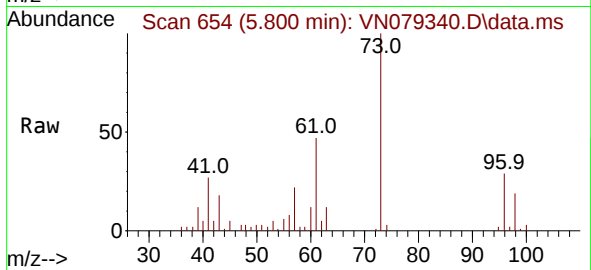
VN0925WBSD01

Tgt Ion: 73 Resp: 11278
Ion Ratio Lower Upper
73 100
57 22.2 15.6 23.4

Manual Integrations

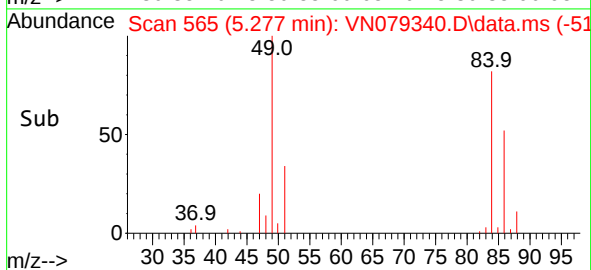
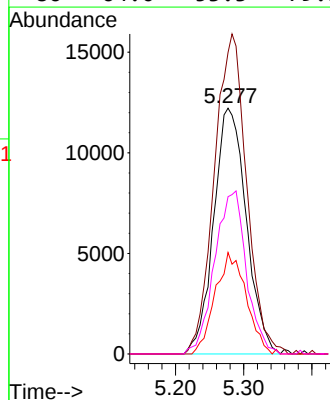
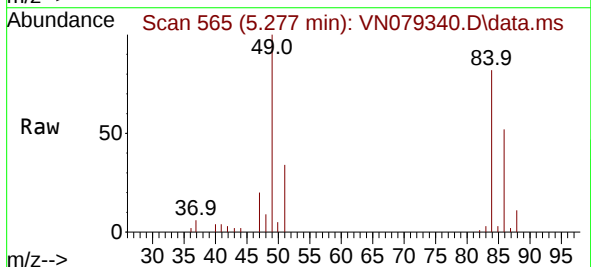
APPROVED

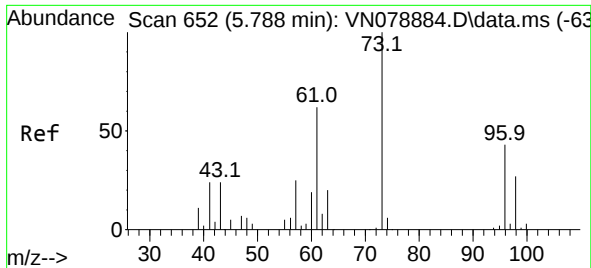
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#20
Methylene Chloride
Concen: 18.797 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

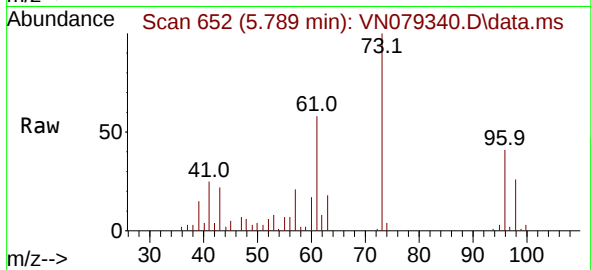
Tgt Ion: 84 Resp: 40638
Ion Ratio Lower Upper
84 100
49 122.7 79.7 119.5#
51 41.3 25.2 37.8#
86 64.0 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.384 ug/l
RT: 5.789 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

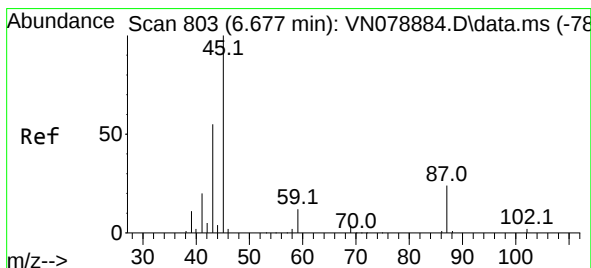
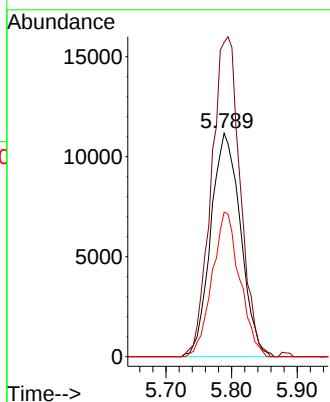
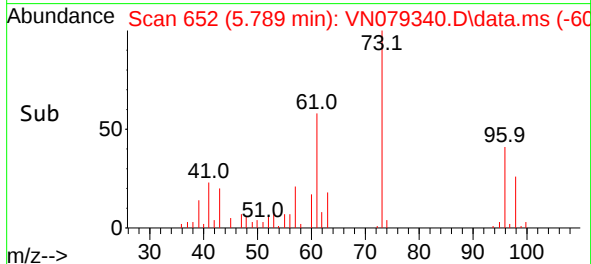
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBSD01



Tgt Ion: 96 Resp: 35240
Ion Ratio Lower Upper
96 100
61 140.7 90.1 135.1
98 64.7 46.4 69.6

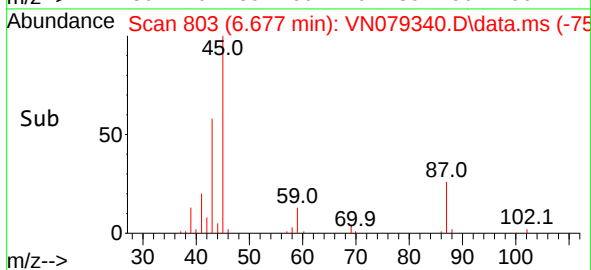
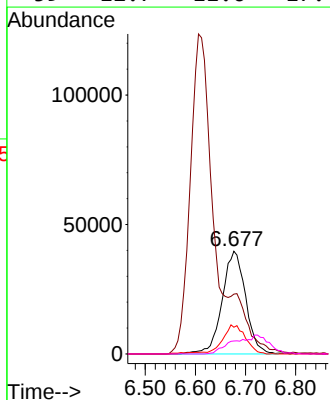
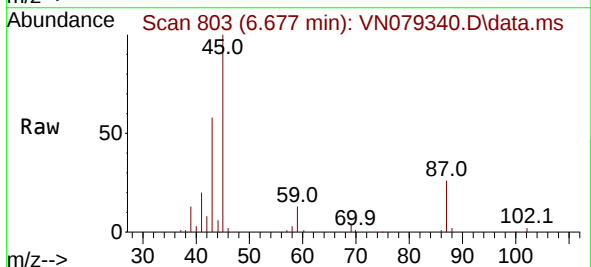
Manual Integrations
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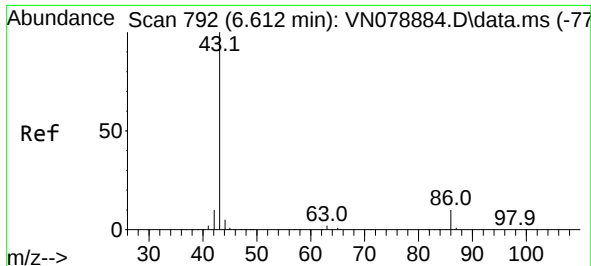
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#22
Diisopropyl ether
Concen: 22.296 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

Tgt Ion: 45 Resp: 128973
Ion Ratio Lower Upper
45 100
43 55.3 45.5 68.3
87 26.1 31.8 47.8#
59 12.7 11.6 17.4





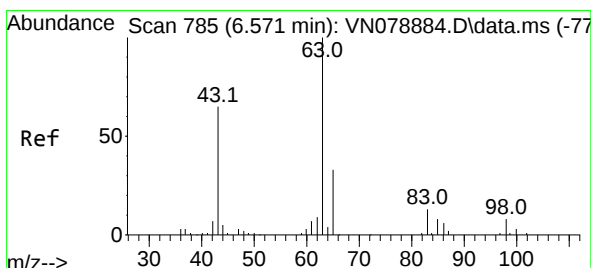
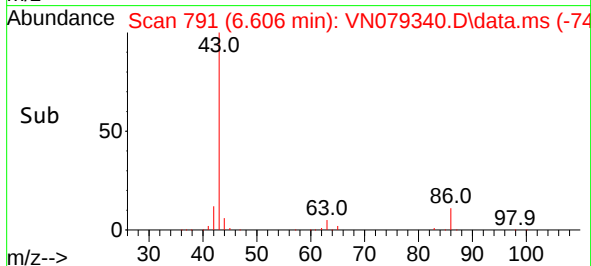
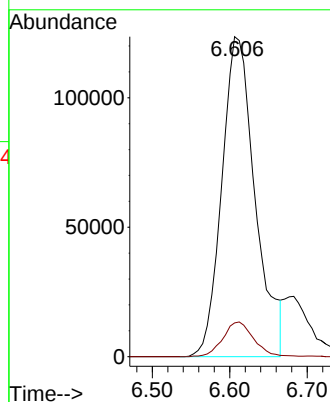
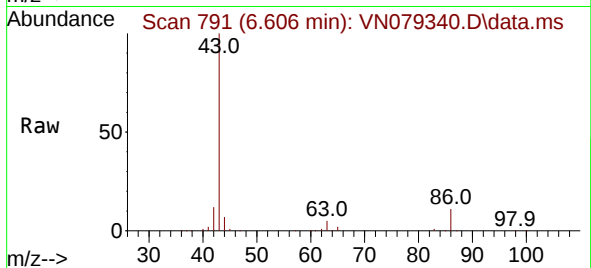
#23
 Vinyl Acetate
 Concen: 104.114 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN079340.D
 Acq: 25 Sep 2023 12:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBSD01

Tgt Ion: 43 Resp: 37044
 Ion Ratio Lower Upper
 43 100
 86 10.5 13.0 19.6

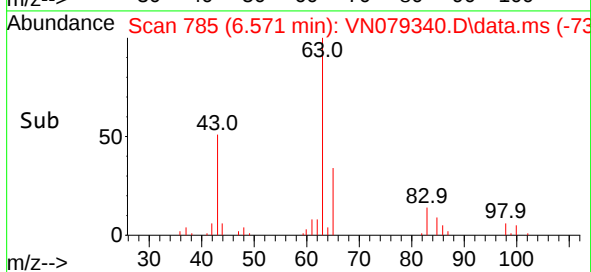
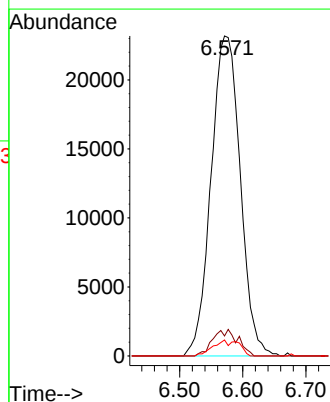
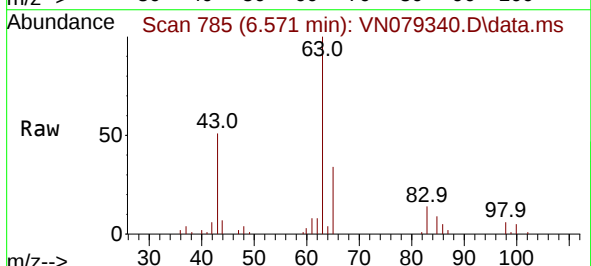
Manual Integrations
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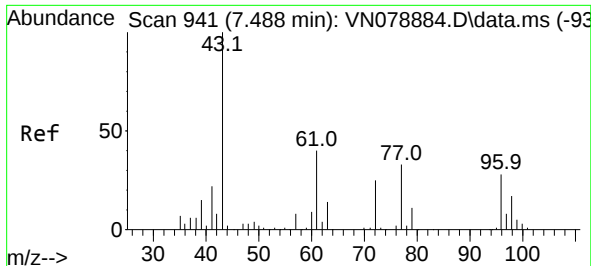
Reviewed By :John Carlone 09/26/2023
 Supervised By :Semsettin Yesilyurt 09/26/2023



#24
 1,1-Dichloroethane
 Concen: 20.902 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079340.D
 Acq: 25 Sep 2023 12:56

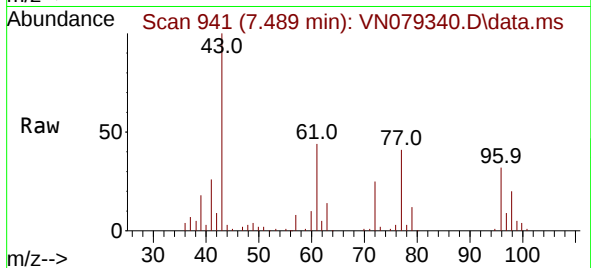
Tgt Ion: 63 Resp: 74535
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.9 11.7
 100 5.0 2.5 7.4





#25
2-Butanone
Concen: 106.093 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

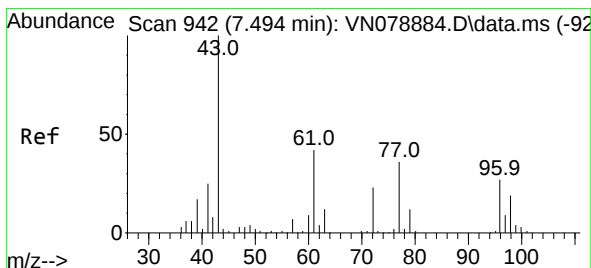
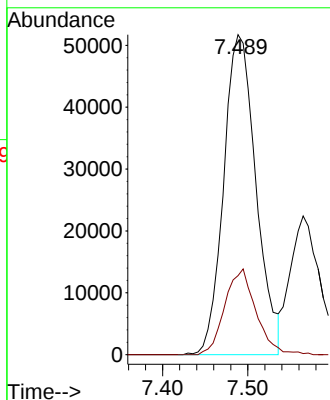
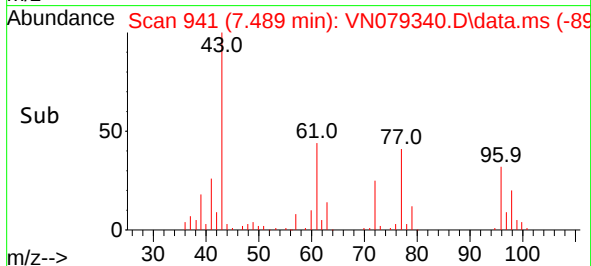
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBSD01



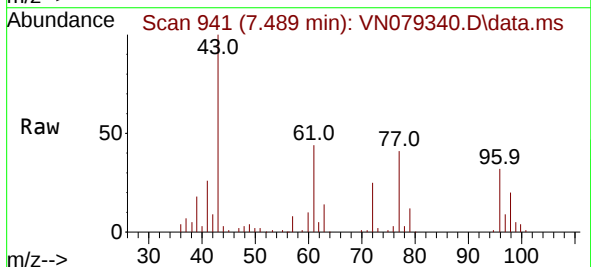
Tgt Ion: 43 Resp: 136754
Ion Ratio Lower Upper
43 100
72 24.7 30.2 45.2

Manual Integrations
APPROVED

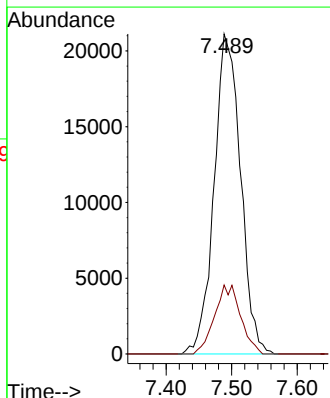
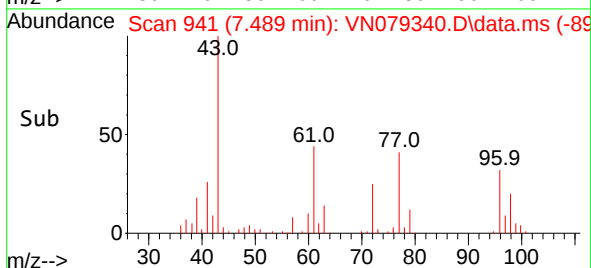
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023

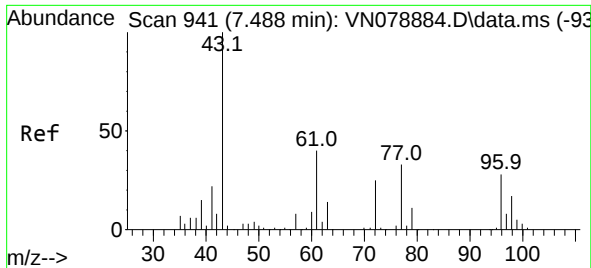


#26
2,2-Dichloropropane
Concen: 20.156 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.011 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56



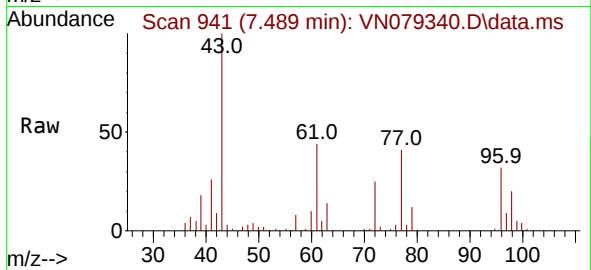
Tgt Ion: 77 Resp: 58984
Ion Ratio Lower Upper
77 100
97 21.3 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.124 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. -0.011 min
 Lab File: VN079340.D
 Acq: 25 Sep 2023 12:56

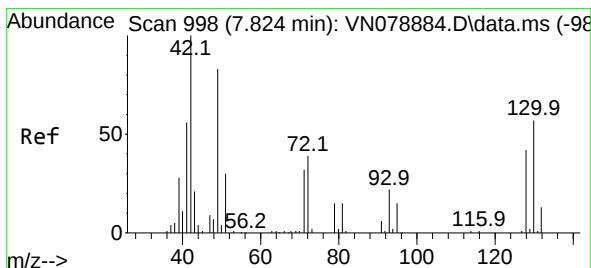
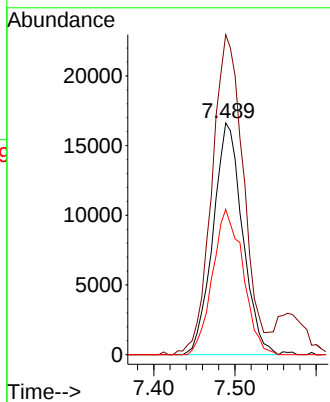
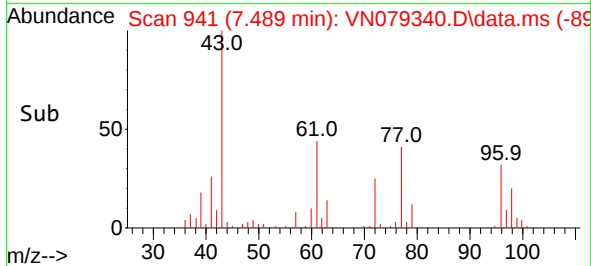
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBSD01



Tgt Ion: 96 Resp: 4192
 Ion Ratio Lower Upper
 96 100
 61 147.6 0.0 255.2
 98 64.8 0.0 128.8

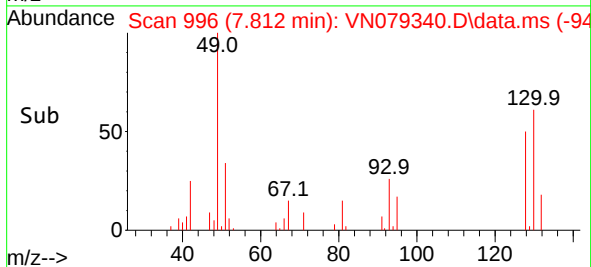
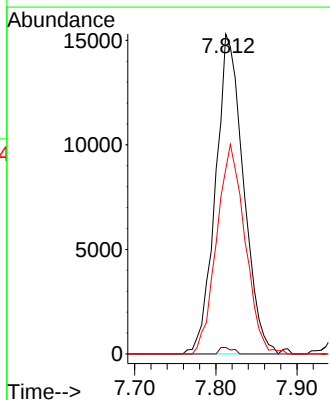
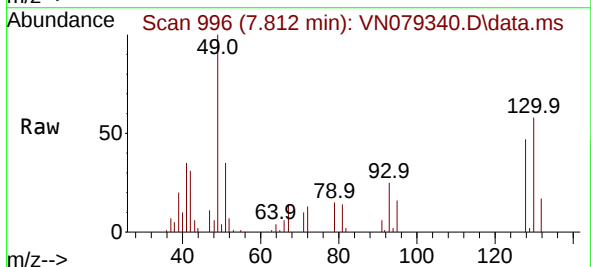
Manual Integrations
 APPROVED

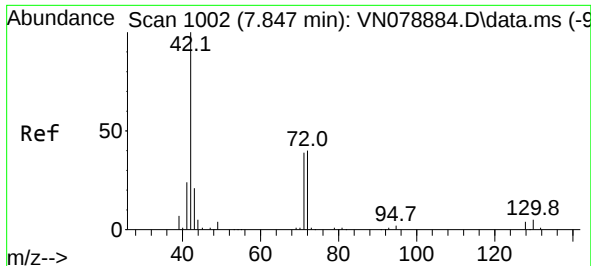
Reviewed By :John Carlone 09/26/2023
 Supervised By :Semsettin Yesilyurt 09/26/2023



#28
 Bromochloromethane
 Concen: 22.653 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.012 min
 Lab File: VN079340.D
 Acq: 25 Sep 2023 12:56

Tgt Ion: 49 Resp: 36524
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.8
 130 66.6 75.3 112.9#





#29

Tetrahydrofuran

Concen: 106.354 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN079340.D

Acq: 25 Sep 2023 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBSD01

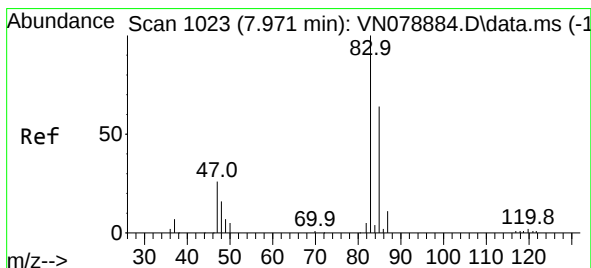
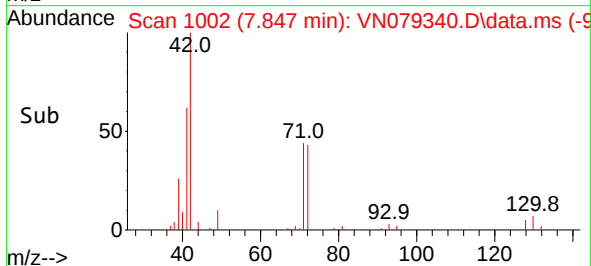
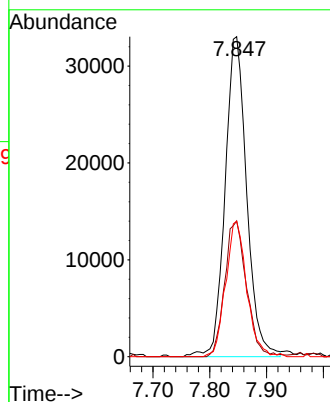
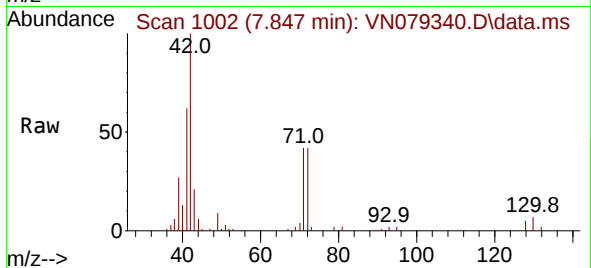
Tgt Ion: 42 Resp: 8724
 Ion Ratio Lower Upper
 42 100
 72 42.8 49.8 74.6
 71 41.2 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#30

Chloroform

Concen: 21.256 ug/l

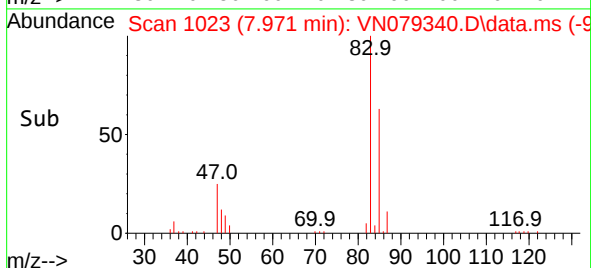
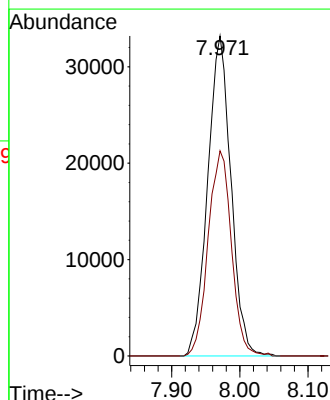
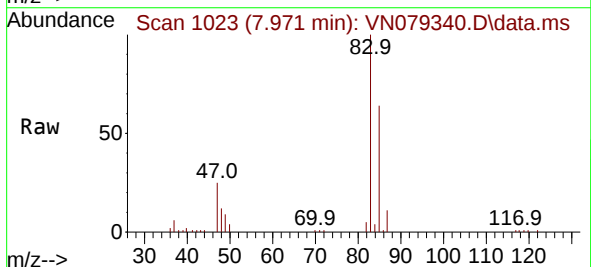
RT: 7.971 min Scan# 1023

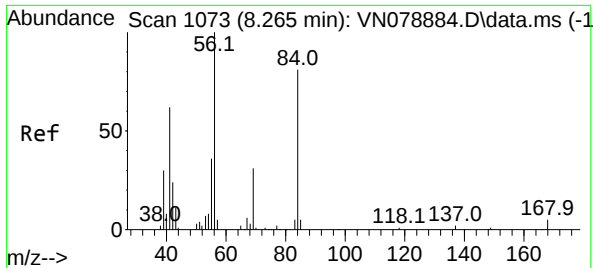
Delta R.T. -0.006 min

Lab File: VN079340.D

Acq: 25 Sep 2023 12:56

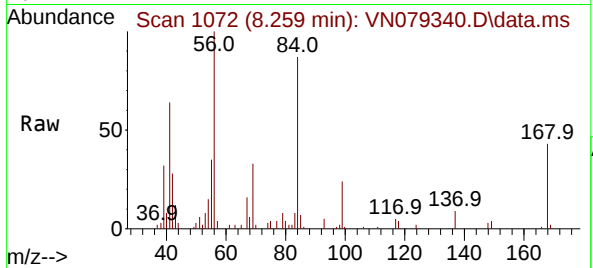
Tgt Ion: 83 Resp: 78919
 Ion Ratio Lower Upper
 83 100
 85 64.1 55.4 83.0





#31
Cyclohexane
Concen: 18.780 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

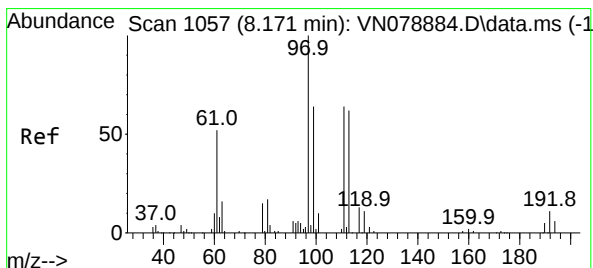
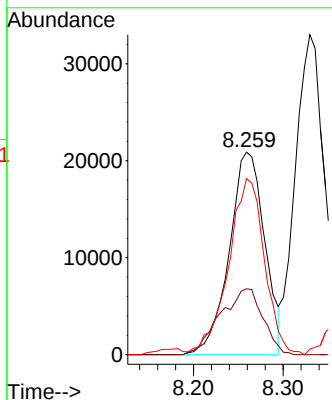
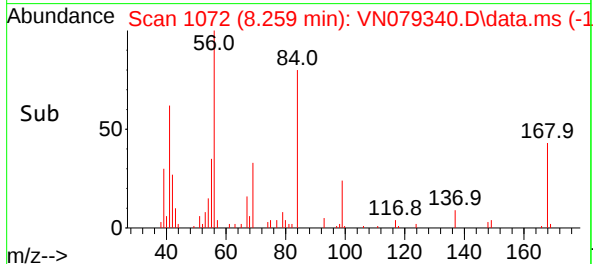
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBSD01



Tgt Ion: 56 Resp: 5735
Ion Ratio Lower Upper
56 100
69 32.6 26.8 40.2
84 83.9 81.8 122.6

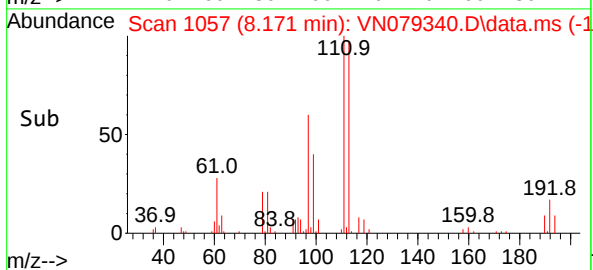
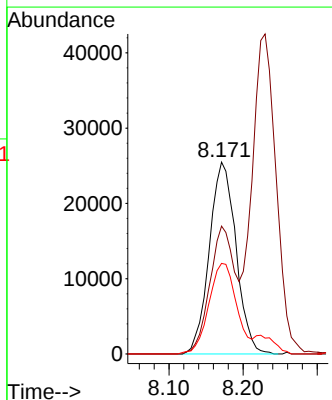
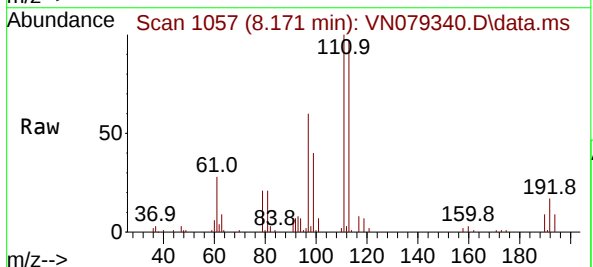
Manual Integrations
APPROVED

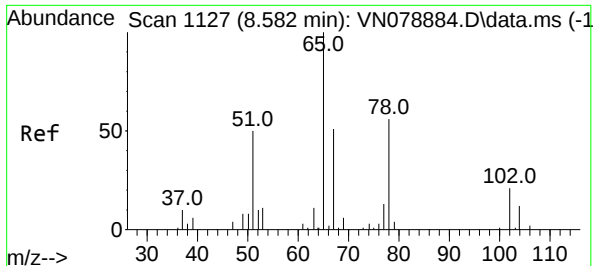
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#32
1,1,1-Trichloroethane
Concen: 20.132 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

Tgt Ion: 97 Resp: 63716
Ion Ratio Lower Upper
97 100
99 62.2 50.3 75.5
61 49.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 59.941 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079340.D

Acq: 25 Sep 2023 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBSD01

Tgt Ion: 65 Resp: 125384

Ion Ratio Lower Upper

65 100

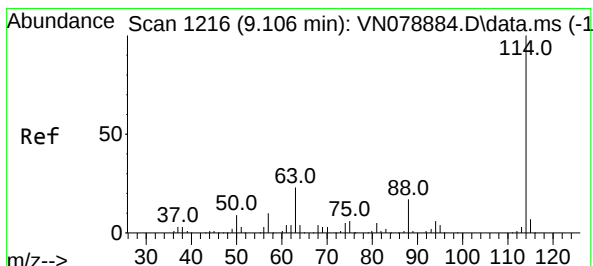
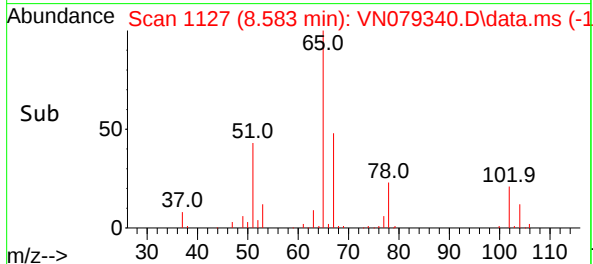
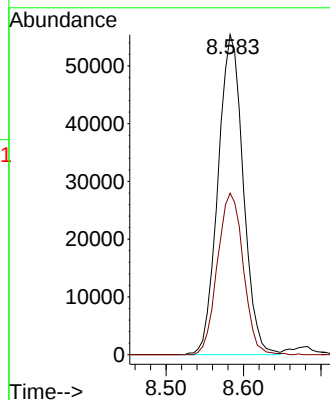
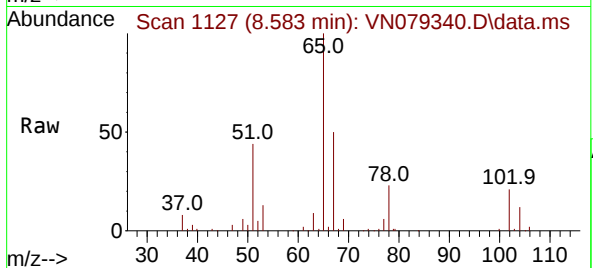
67 51.6 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079340.D

Acq: 25 Sep 2023 12:56

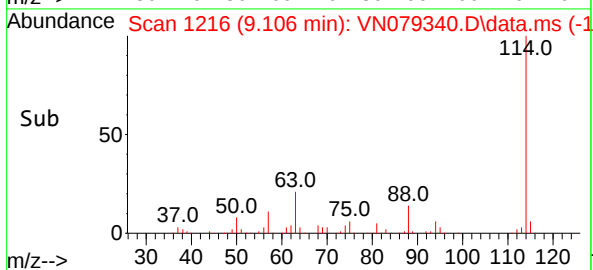
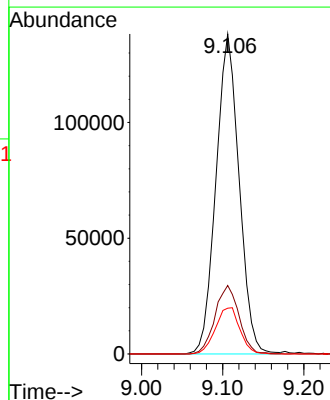
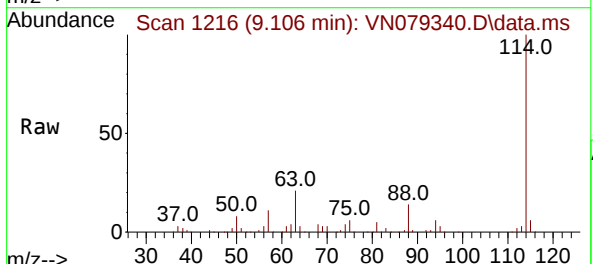
Tgt Ion:114 Resp: 273826

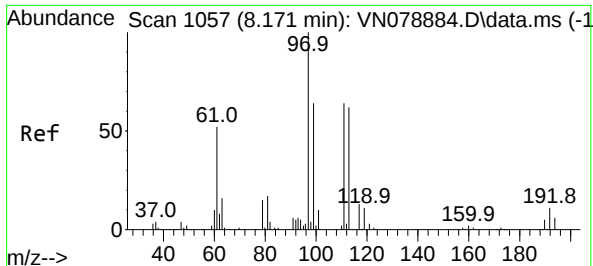
Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.4

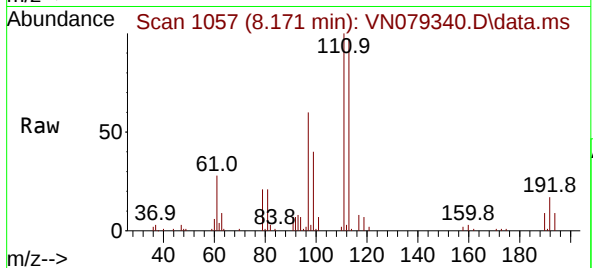
88 14.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.422 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

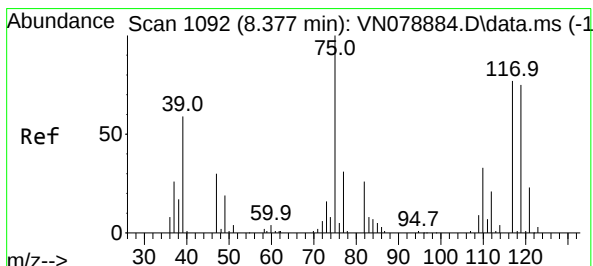
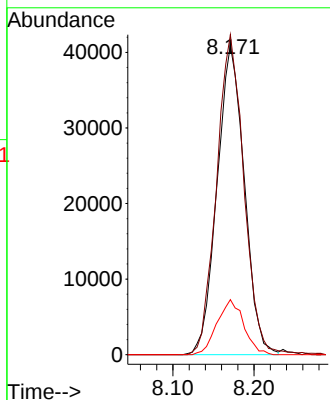
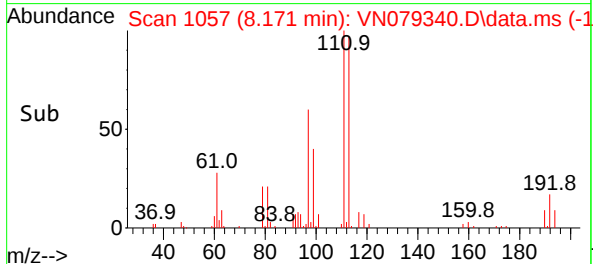
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBSD01



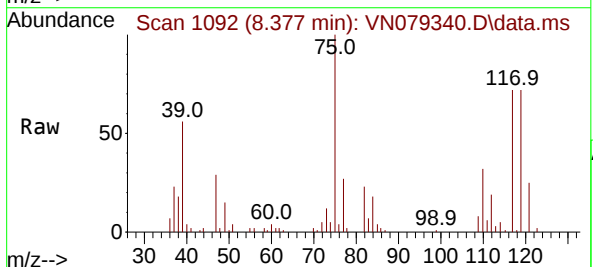
Tgt Ion: 113 Resp: 95484
Ion Ratio Lower Upper
113 100
111 103.9 82.6 123.8
192 17.4 12.7 19.1

Manual Integrations
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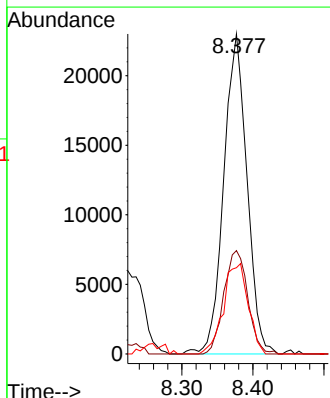
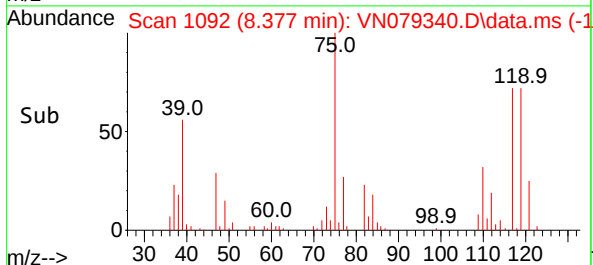
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023

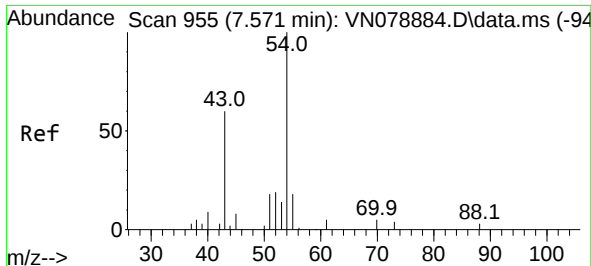


#36
1,1-Dichloropropene
Concen: 18.597 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56



Tgt Ion: 75 Resp: 52212
Ion Ratio Lower Upper
75 100
110 33.3 19.1 57.3
77 30.1 25.0 37.4





#37

Ethyl Acetate

Concen: 19.650 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079340.D

Acq: 25 Sep 2023 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBSD01

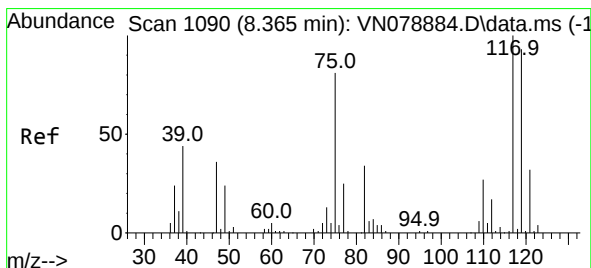
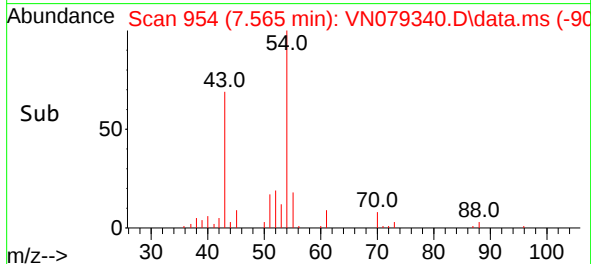
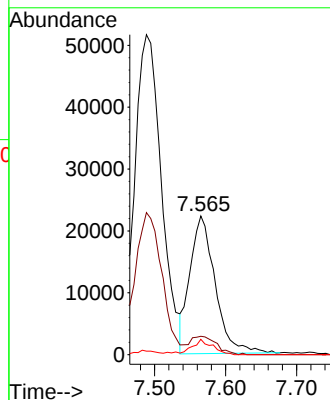
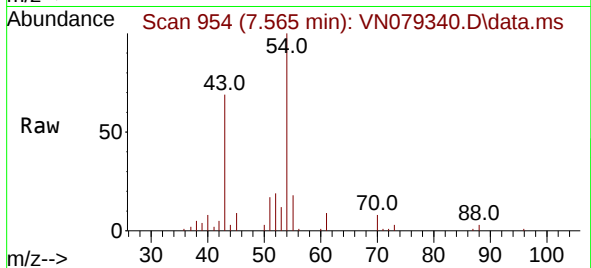
Tgt Ion:	43	Resp:	5502
Ion Ratio	Lower	Upper	
43	100		
61	14.0	13.2	19.8
70	9.5	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#38

Carbon Tetrachloride

Concen: 18.432 ug/l

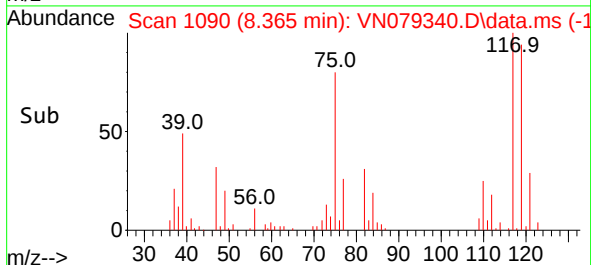
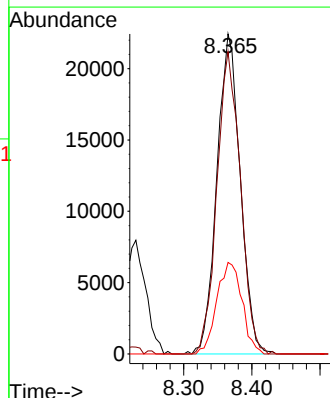
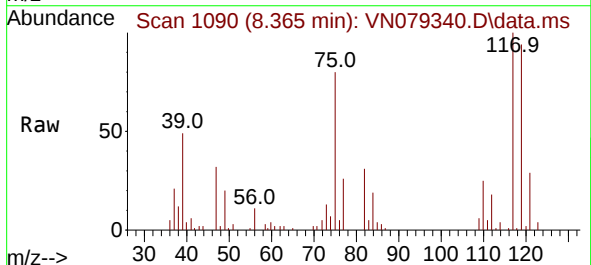
RT: 8.365 min Scan# 1090

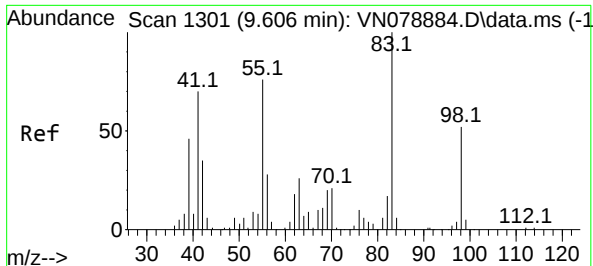
Delta R.T. -0.006 min

Lab File: VN079340.D

Acq: 25 Sep 2023 12:56

Tgt Ion:	117	Resp:	53550
Ion Ratio	Lower	Upper	
117	100		
119	94.4	77.3	115.9
121	28.6	23.3	34.9





#39

Methylcyclohexane

Concen: 17.216 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079340.D

Acq: 25 Sep 2023 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBSD01

Tgt Ion: 83 Resp: 47670

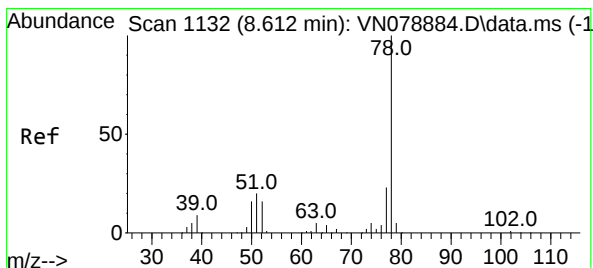
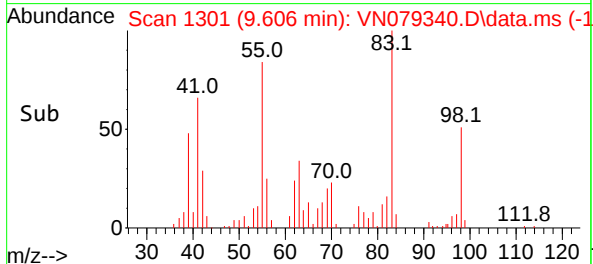
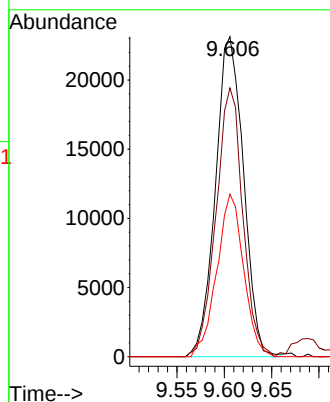
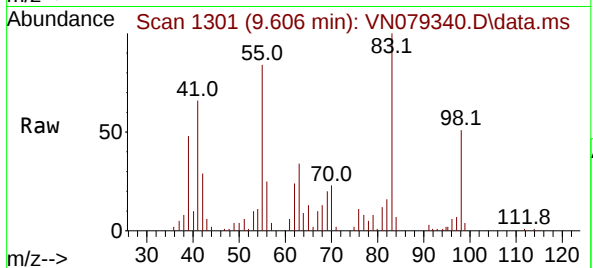
Ion	Ratio	Lower	Upper
83	100		
55	84.0	49.1	73.7
98	50.7	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#40

Benzene

Concen: 18.791 ug/l

RT: 8.612 min Scan# 1132

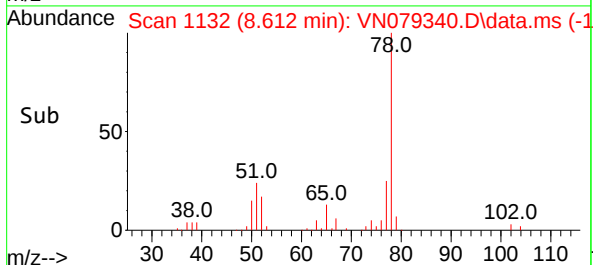
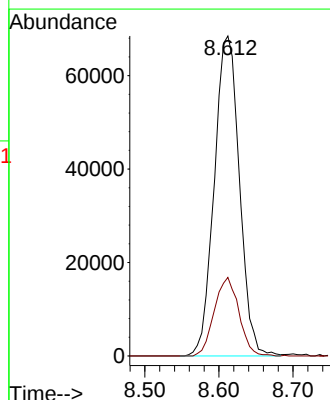
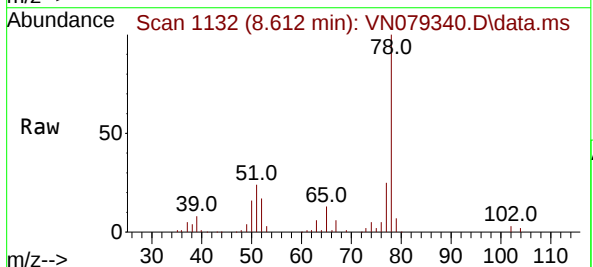
Delta R.T. -0.000 min

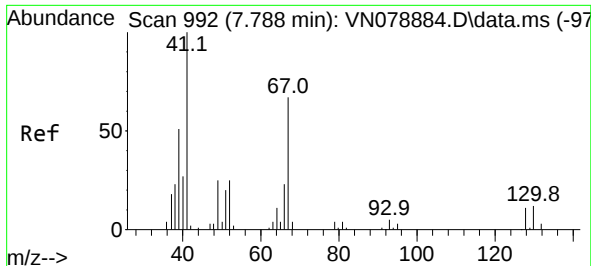
Lab File: VN079340.D

Acq: 25 Sep 2023 12:56

Tgt Ion: 78 Resp: 161503

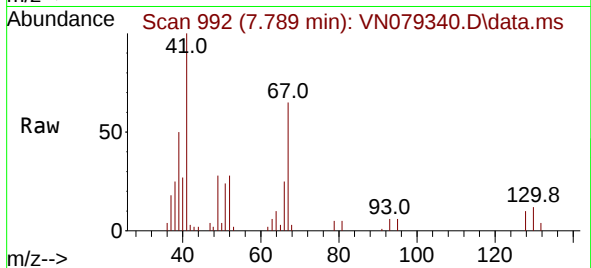
Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.0	28.6





#41
Methacrylonitrile
Concen: 21.437 ug/l
RT: 7.789 min Scan# 992
Delta R.T. -0.005 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

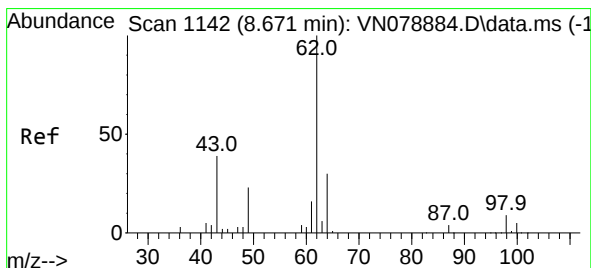
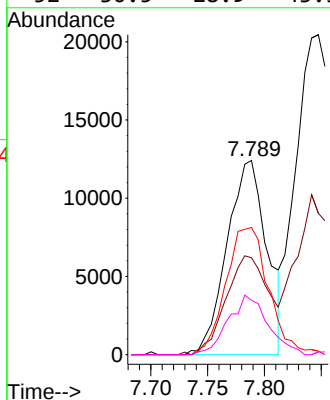
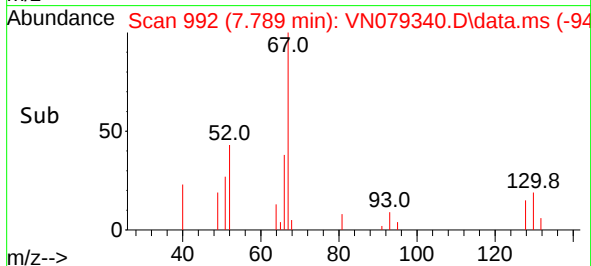
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBSD01



Tgt Ion	Ratio	Lower	Upper
41	100		
39	54.7	42.6	64.0
67	70.3	77.5	116.3
52	30.5	28.9	43.3

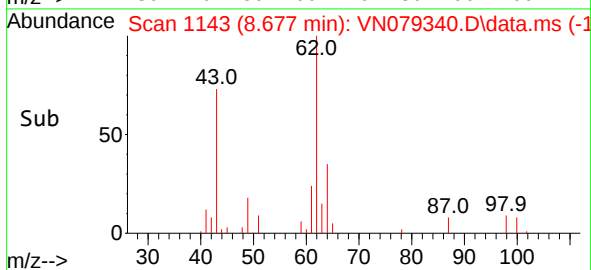
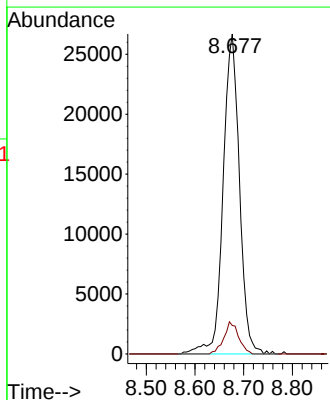
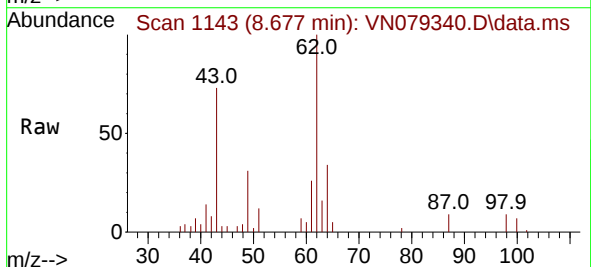
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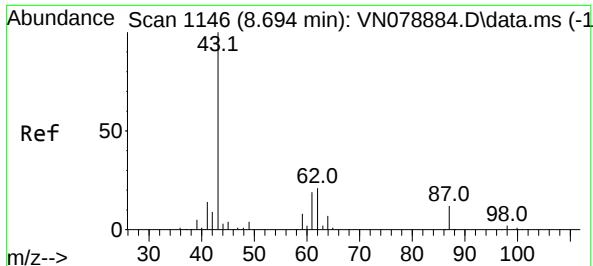
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#42
1,2-Dichloroethane
Concen: 21.063 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	19.8





#43

Isopropyl Acetate

Concen: 19.790 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079340.D

Acq: 25 Sep 2023 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBSD01

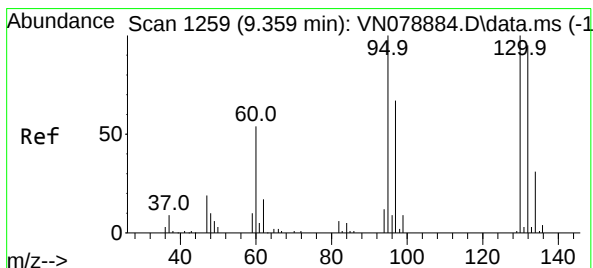
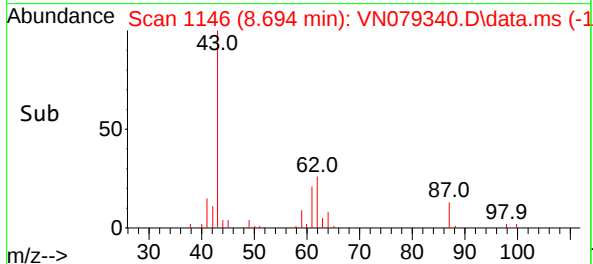
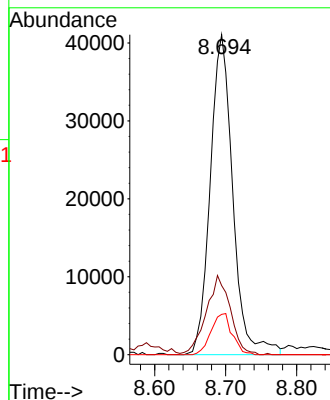
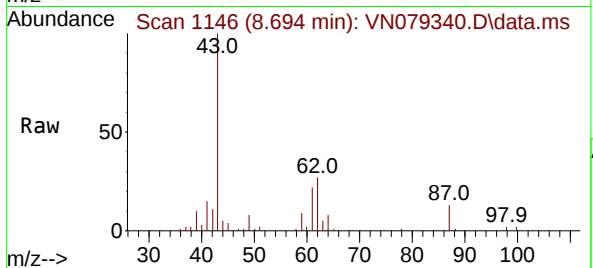
Tgt Ion: 43	Resp: 90420
Ion Ratio	Lower Upper
43	100
61	26.6 24.7 37.1
87	12.0 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#44

Trichloroethene

Concen: 17.849 ug/l

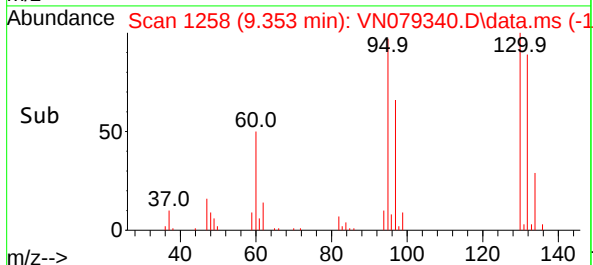
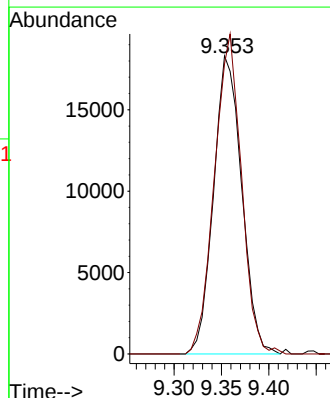
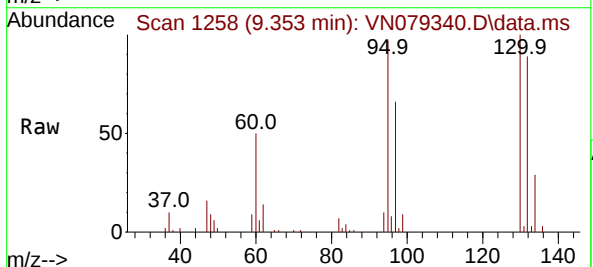
RT: 9.353 min Scan# 1258

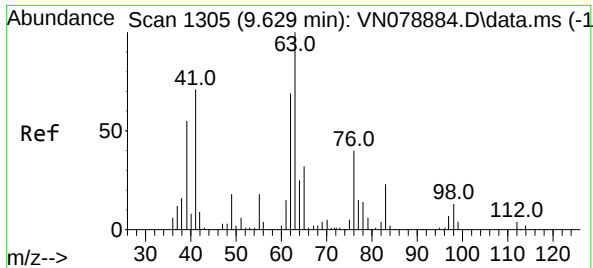
Delta R.T. -0.006 min

Lab File: VN079340.D

Acq: 25 Sep 2023 12:56

Tgt Ion:130	Resp: 37789
Ion Ratio	Lower Upper
130	100
95	97.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 21.178 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079340.D

Acq: 25 Sep 2023 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBSD01

Tgt Ion: 63 Resp: 4517

Ion Ratio Lower Upper

63 100

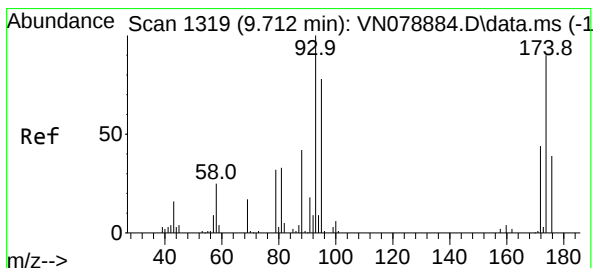
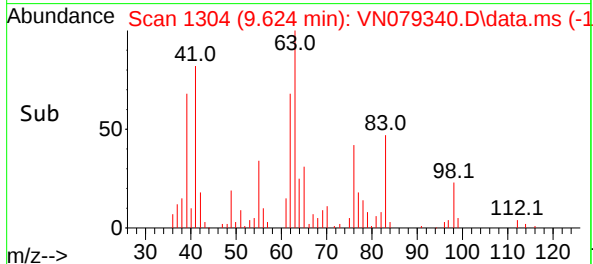
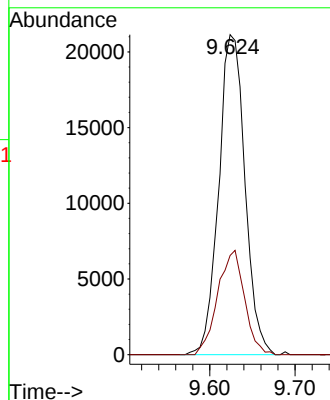
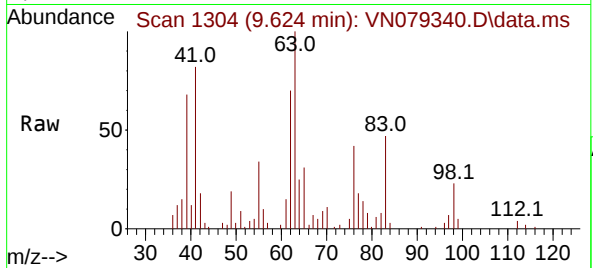
65 31.0 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#46

Dibromomethane

Concen: 21.022 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079340.D

Acq: 25 Sep 2023 12:56

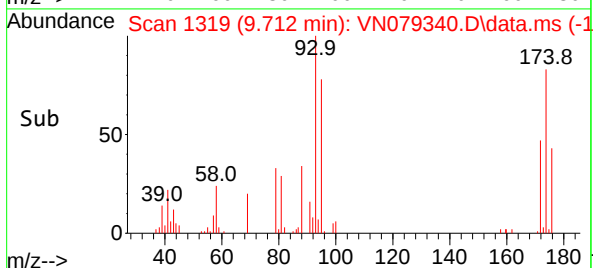
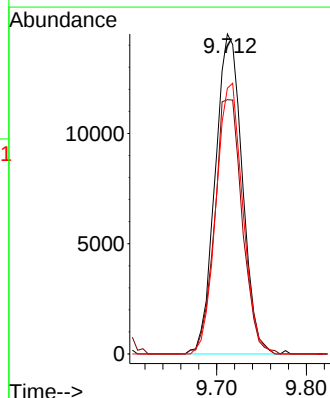
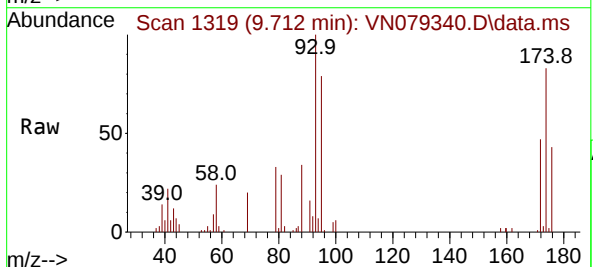
Tgt Ion: 93 Resp: 30439

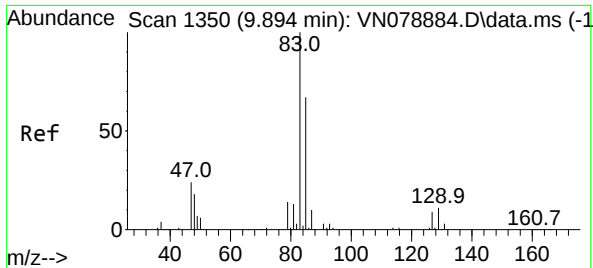
Ion Ratio Lower Upper

93 100

95 81.1 63.8 95.8

174 83.0 65.6 98.4





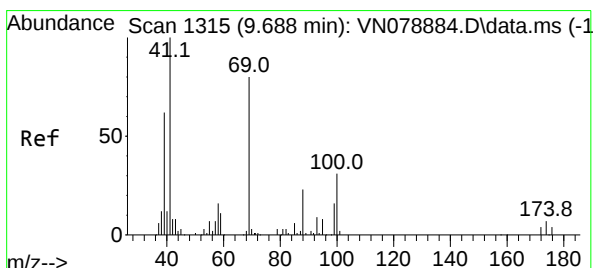
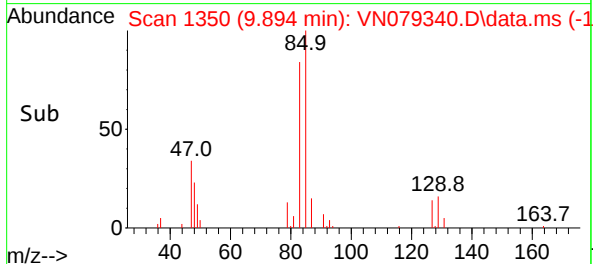
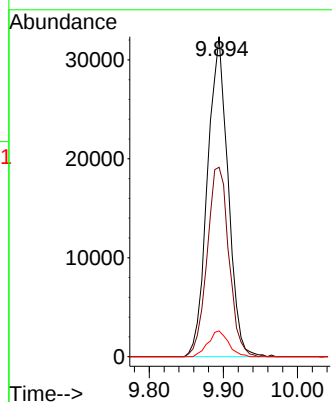
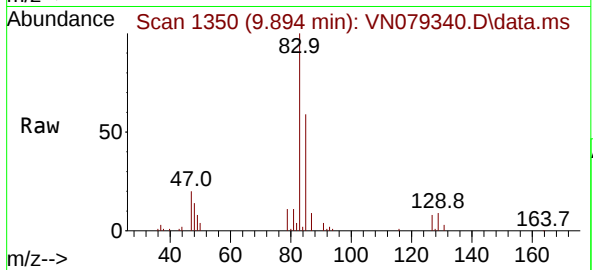
#47
Bromodichloromethane
Concen: 21.013 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN0925WBSD01

Tgt Ion: 83 Resp: 62318
Ion Ratio Lower Upper
83 100
85 59.2 49.6 74.4
127 8.1 7.0 10.6

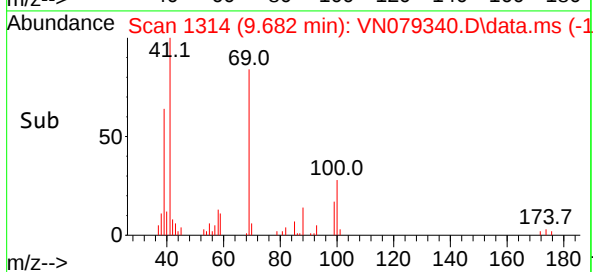
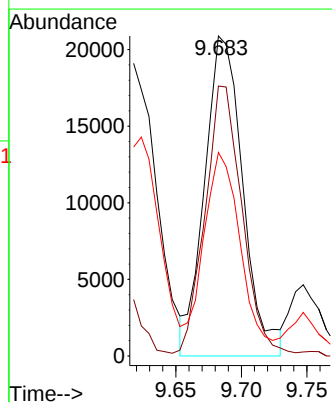
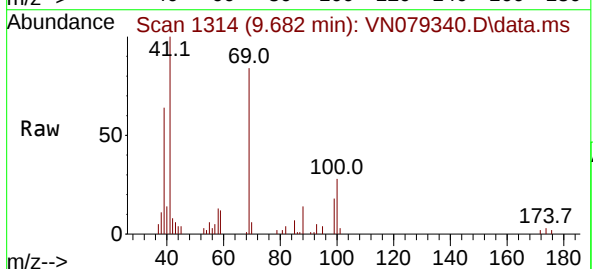
Manual Integrations
APPROVED

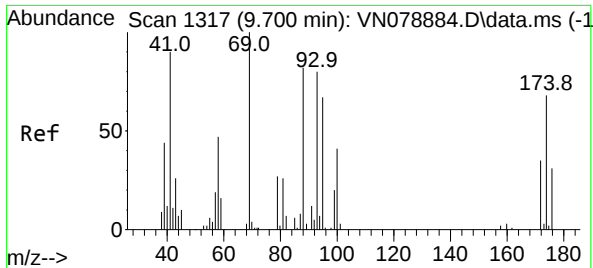
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#48
Methyl methacrylate
Concen: 20.713 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

Tgt Ion: 41 Resp: 42391
Ion Ratio Lower Upper
41 100
69 80.1 90.4 135.6#
39 62.2 54.6 81.8





#49

1,4-Dioxane

Concen: 372.320 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN079340.D

Acq: 25 Sep 2023 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBSD01

Tgt Ion: 88 Resp: 1567

Ion Ratio Lower Upper

88 100

43 30.2 17.0 25.6

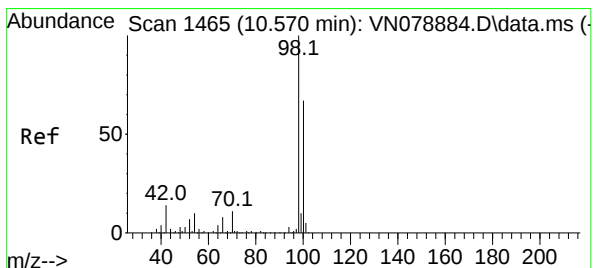
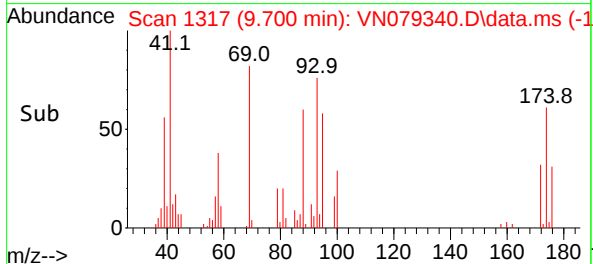
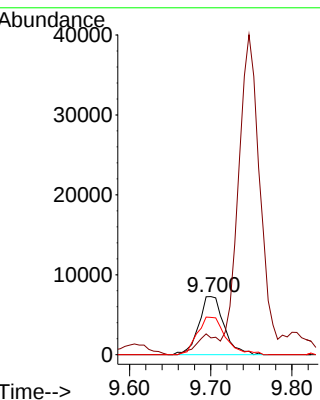
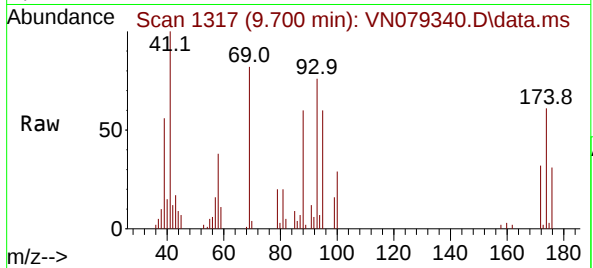
58 72.1 47.0 70.4

Manual Integrations

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Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#50

Toluene-d8

Concen: 52.222 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079340.D

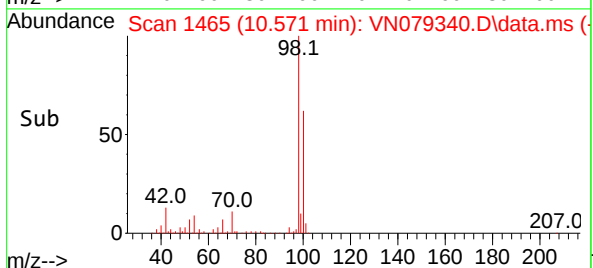
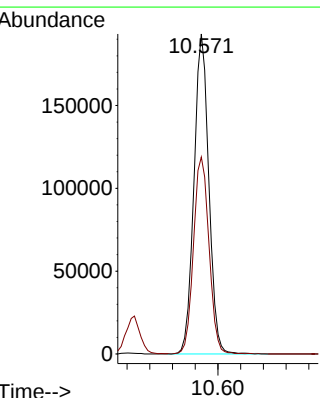
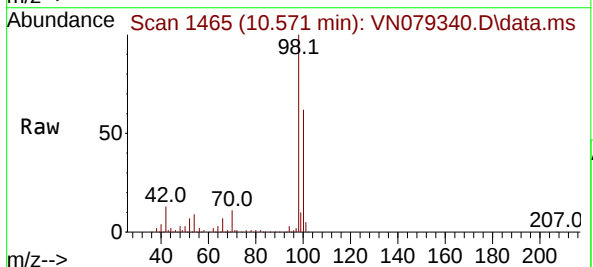
Acq: 25 Sep 2023 12:56

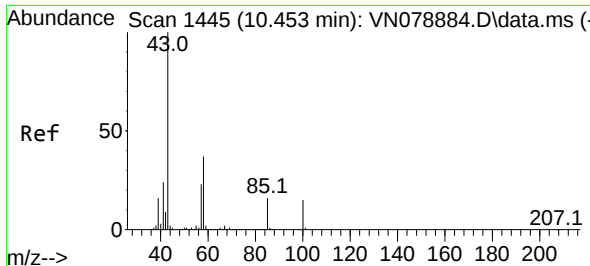
Tgt Ion: 98 Resp: 349265

Ion Ratio Lower Upper

98 100

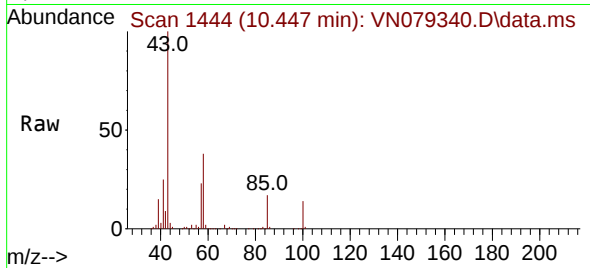
100 64.2 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 106.699 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

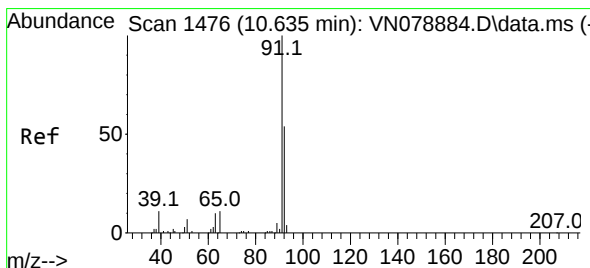
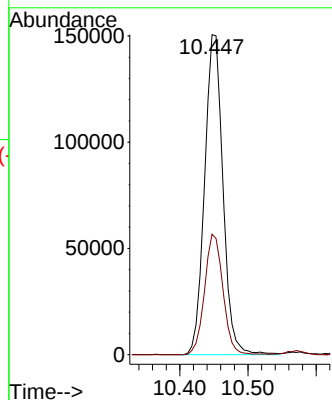
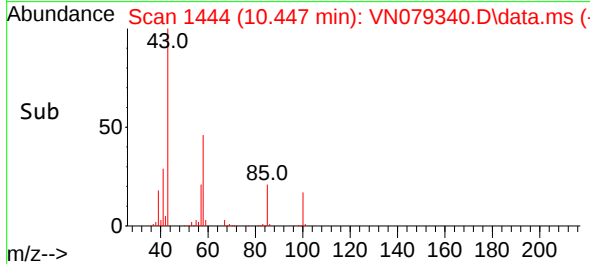
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBSD01



Tgt Ion: 43 Resp: 28300
Ion Ratio Lower Upper
43 100
58 37.7 36.6 54.8

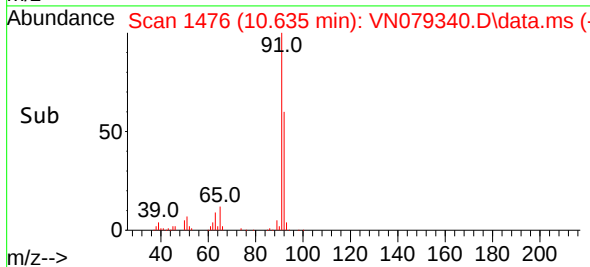
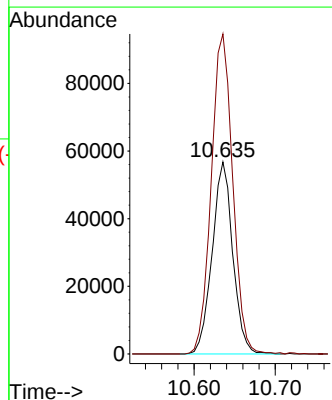
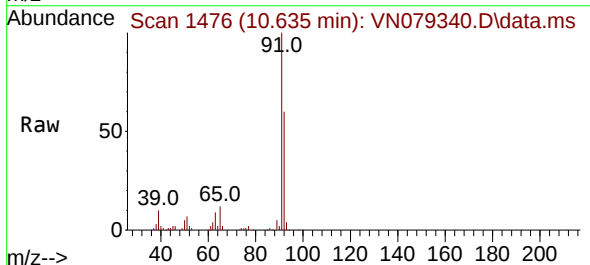
Manual Integrations
APPROVED

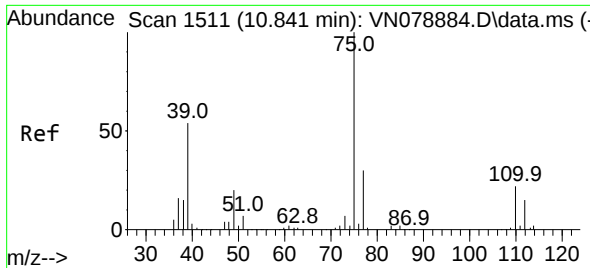
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#52
Toluene
Concen: 18.957 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

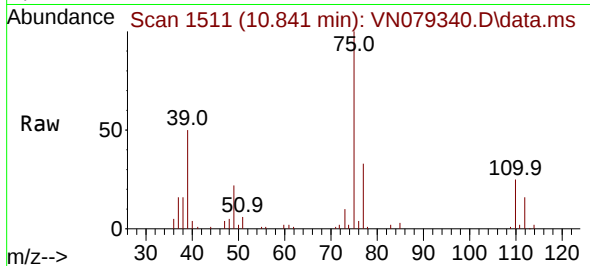
Tgt Ion: 92 Resp: 100128
Ion Ratio Lower Upper
92 100
91 173.4 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 19.098 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

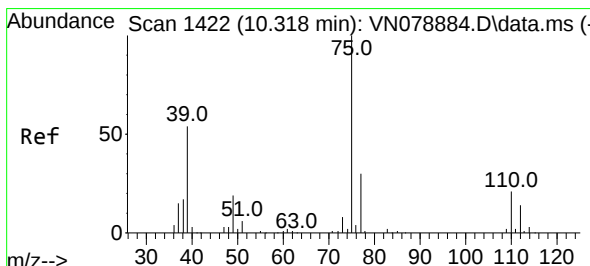
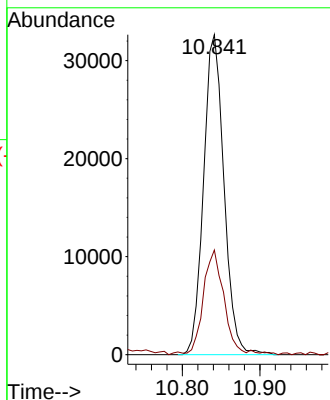
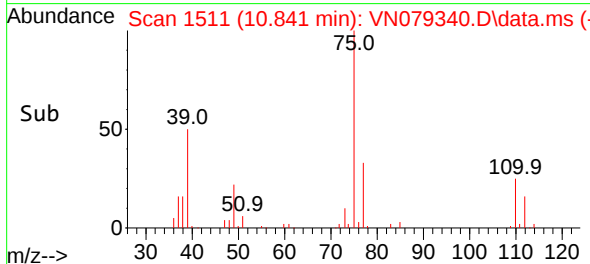
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBSD01



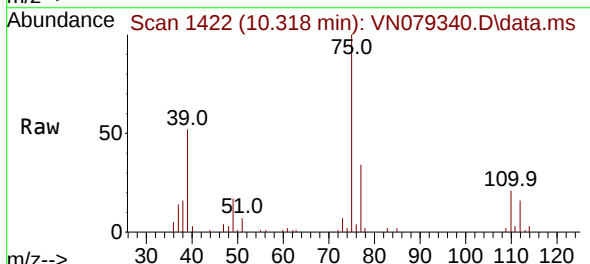
Tgt Ion: 75 Resp: 59724
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.0

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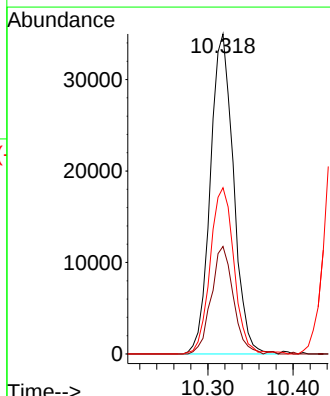
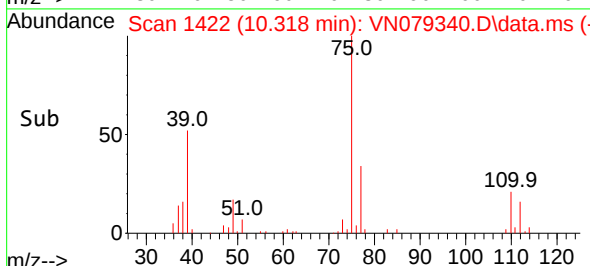
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023

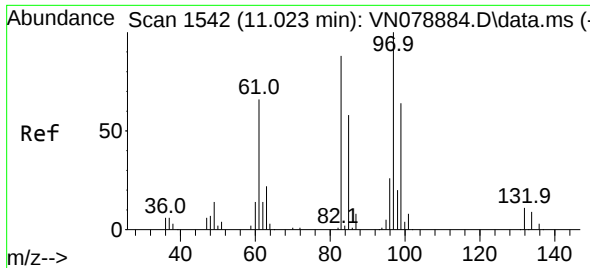


#54
cis-1,3-Dichloropropene
Concen: 19.746 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56



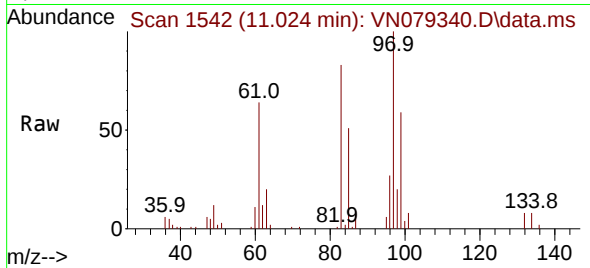
Tgt Ion: 75 Resp: 66044
Ion Ratio Lower Upper
75 100
77 33.6 26.1 39.1
39 51.9 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 20.226 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

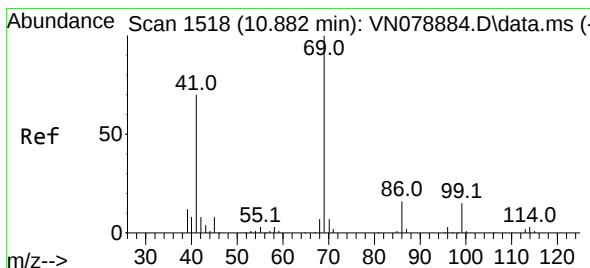
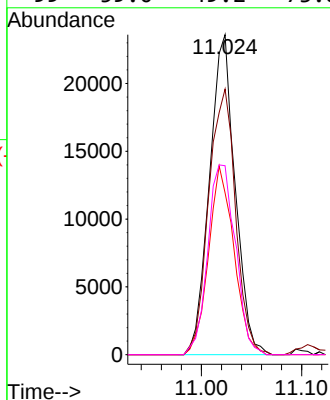
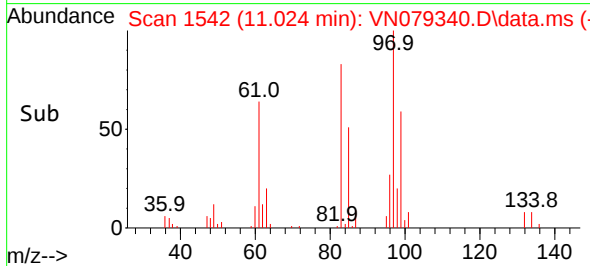
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBSD01



Tgt Ion:	97	Resp:	41919
Ion	Ratio	Lower	Upper
97	100		
83	83.0	65.1	97.7
85	50.6	43.4	65.2
99	59.0	49.2	73.8

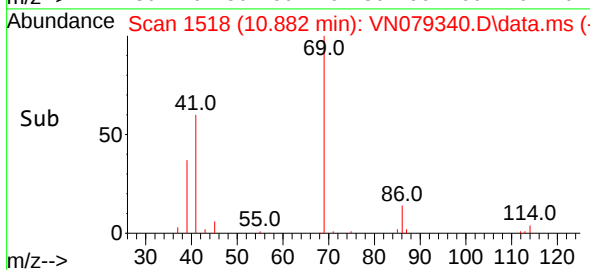
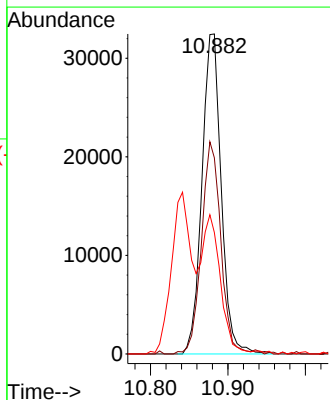
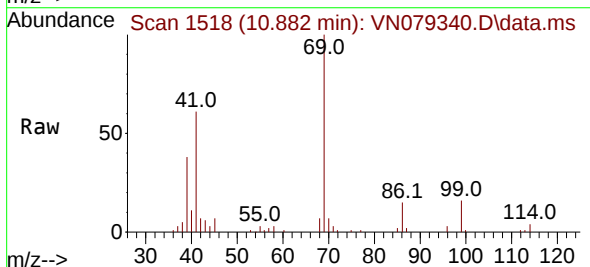
Manual Integrations
APPROVED

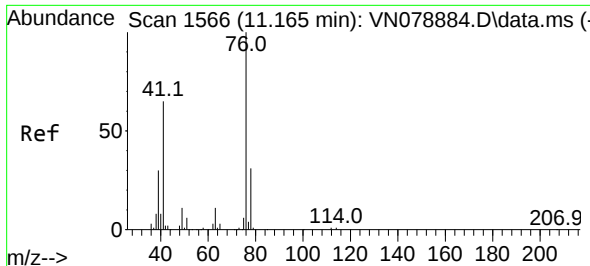
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#56
Ethyl methacrylate
Concen: 19.244 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.005 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

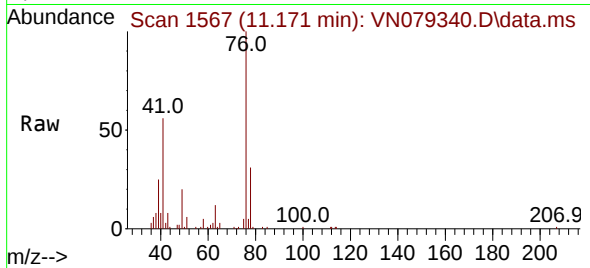
Tgt Ion:	69	Resp:	56300
Ion	Ratio	Lower	Upper
69	100		
41	66.1	39.6	59.4
39	42.9	28.6	43.0





#57
1,3-Dichloropropane
Concen: 20.263 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

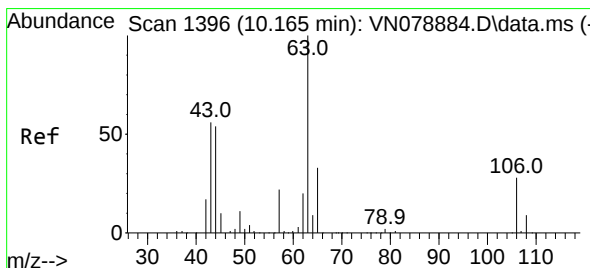
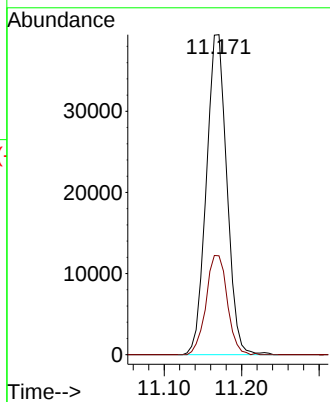
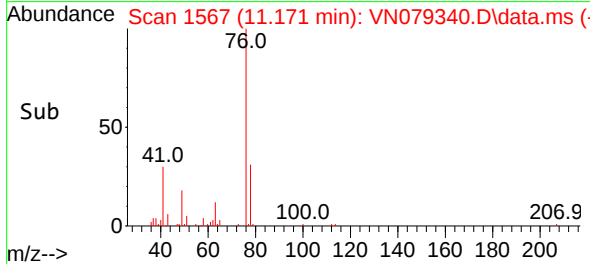
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBSD01



Tgt Ion: 76 Resp: 7259
Ion Ratio Lower Upper
76 100
78 32.1 26.1 39.1

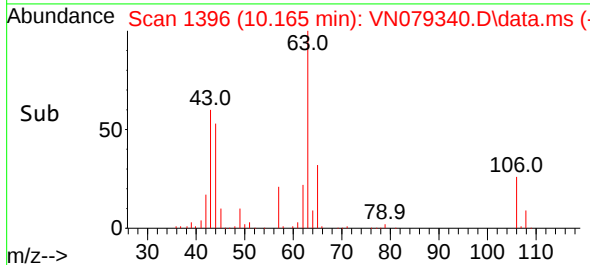
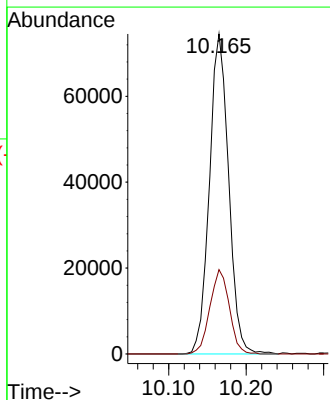
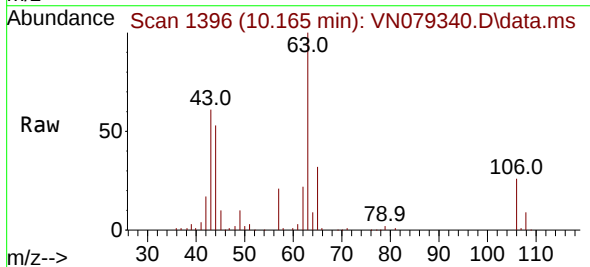
Manual Integrations
APPROVED

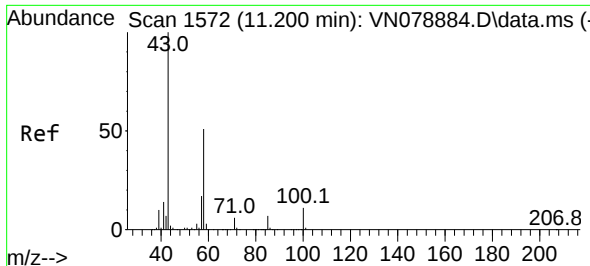
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#58
2-Chloroethyl Vinyl ether
Concen: 111.491 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

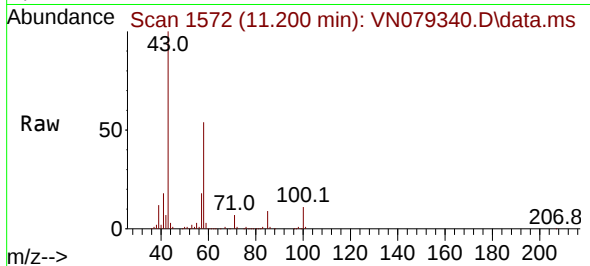
Tgt Ion: 63 Resp: 128677
Ion Ratio Lower Upper
63 100
106 26.5 26.2 39.4





#59
2-Hexanone
Concen: 101.497 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

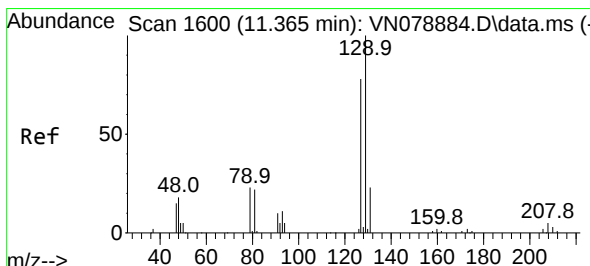
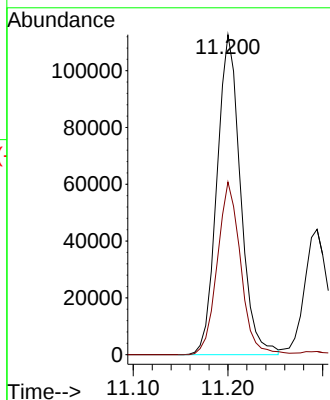
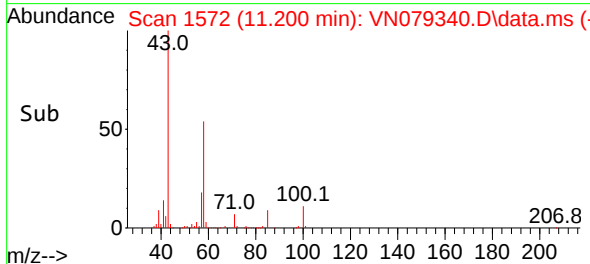
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBSD01



Tgt Ion: 43 Resp: 19498
Ion Ratio Lower Upper
43 100
58 53.4 31.7 95.1

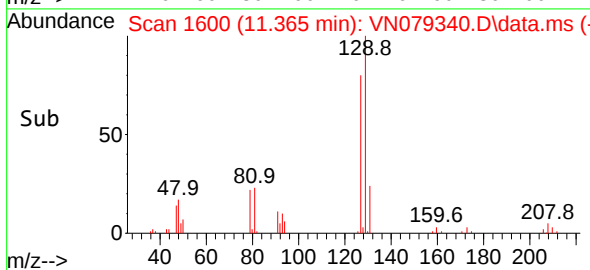
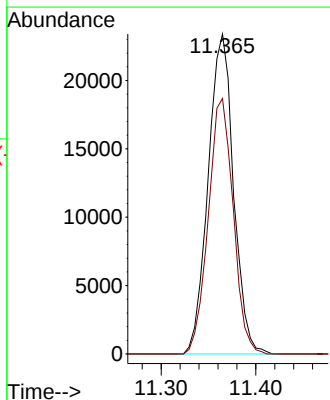
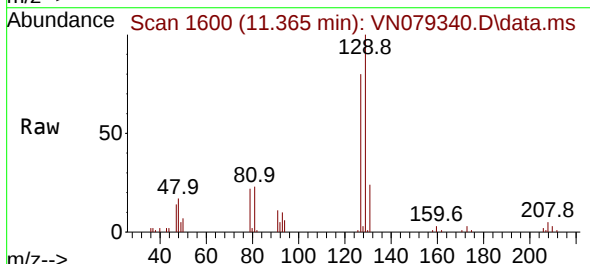
Manual Integrations
APPROVED

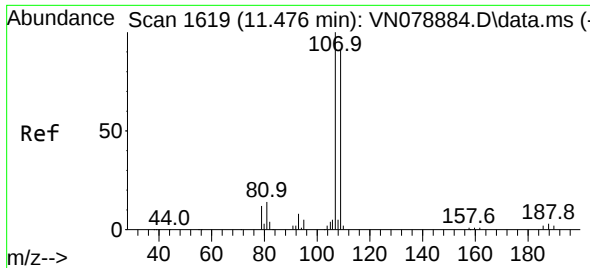
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#60
Dibromochloromethane
Concen: 19.714 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

Tgt Ion:129 Resp: 43484
Ion Ratio Lower Upper
129 100
127 78.4 38.6 116.0





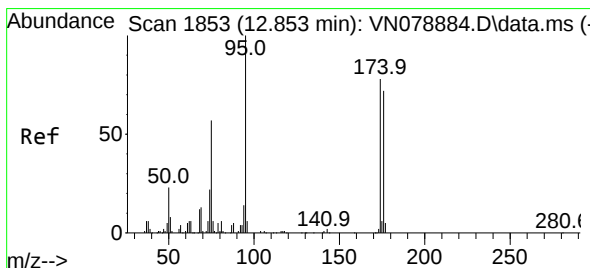
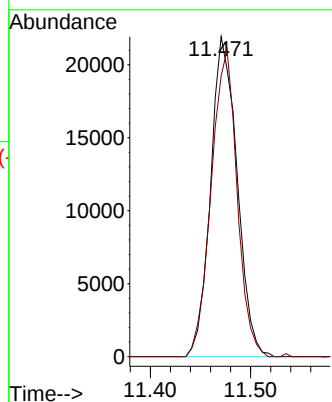
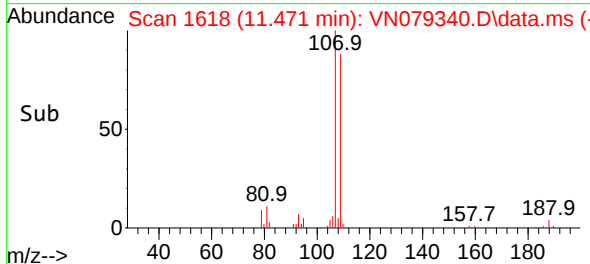
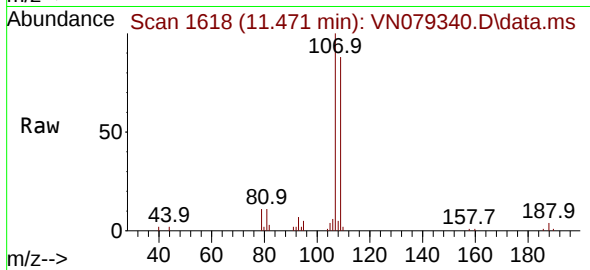
#61
1,2-Dibromoethane
Concen: 19.436 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.005 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN0925WBSD01

Tgt Ion:107 Resp: 40198
Ion Ratio Lower Upper
107 100
109 93.7 76.6 114.8

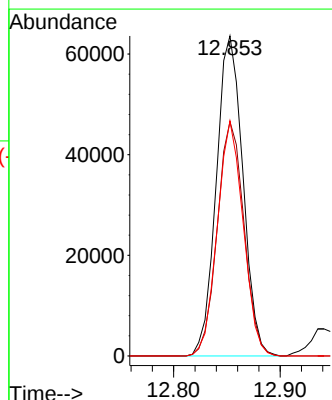
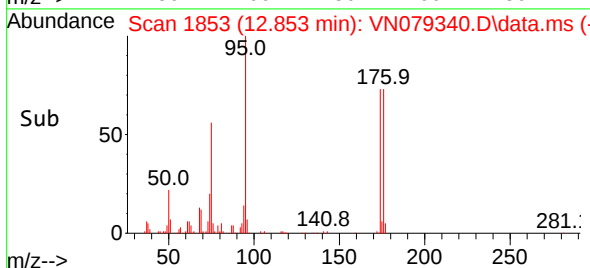
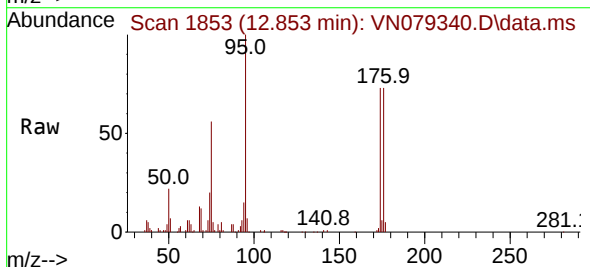
Manual Integrations
APPROVED

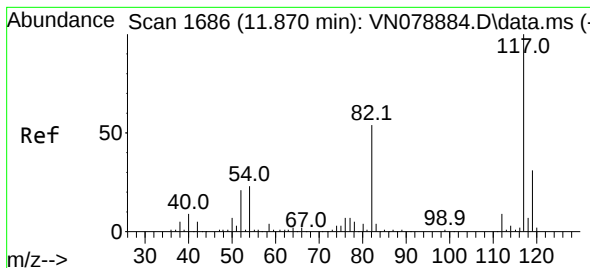
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#62
4-Bromofluorobenzene
Concen: 51.630 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

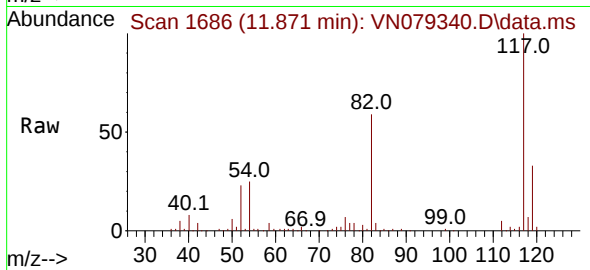
Tgt Ion: 95 Resp: 110145
Ion Ratio Lower Upper
95 100
174 73.5 0.0 143.8
176 71.7 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

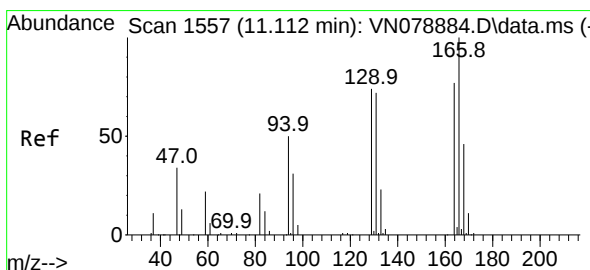
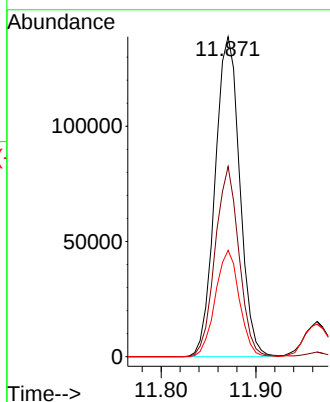
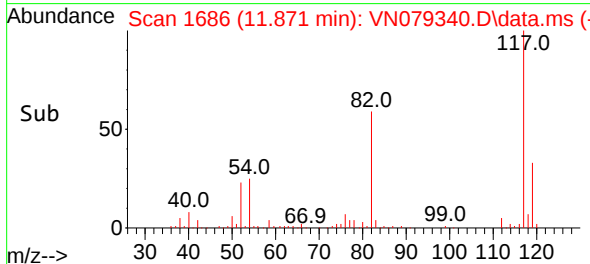
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBSD01



Tgt Ion:117 Resp: 251669
Ion Ratio Lower Upper
117 100
82 59.4 44.0 66.0
119 33.3 25.6 38.4

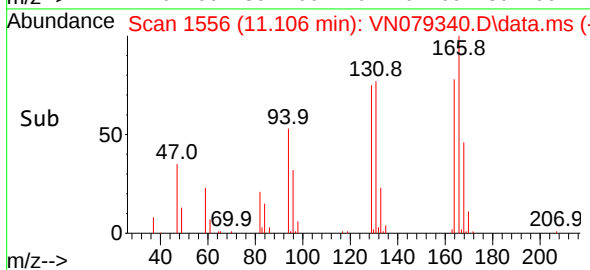
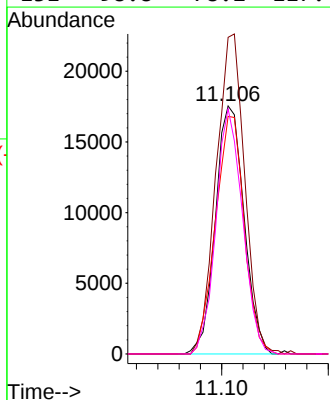
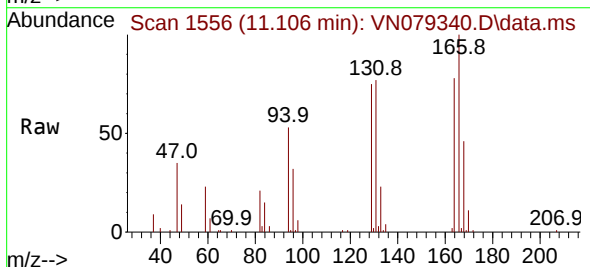
Manual Integrations
APPROVED

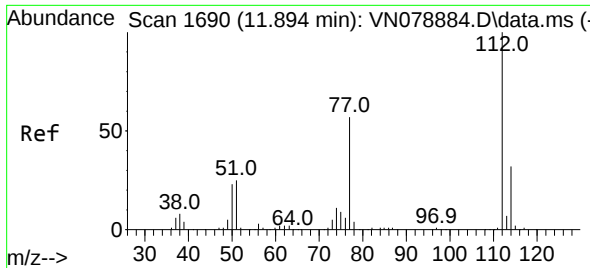
Reviewed By :John Carbone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#64
Tetrachloroethene
Concen: 17.865 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

Tgt Ion:164 Resp: 32784
Ion Ratio Lower Upper
164 100
166 127.7 101.4 152.0
129 95.8 82.4 123.6
131 98.8 78.2 117.4





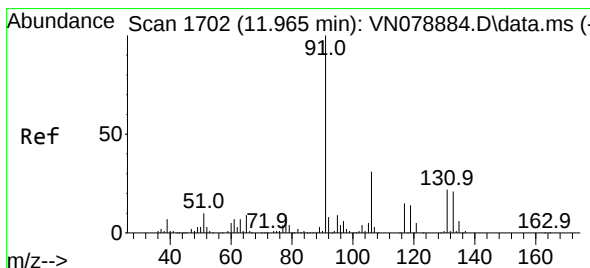
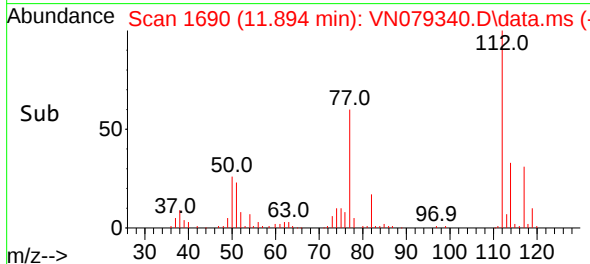
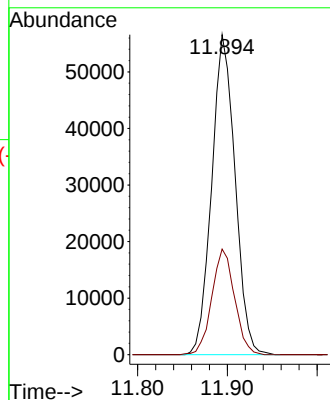
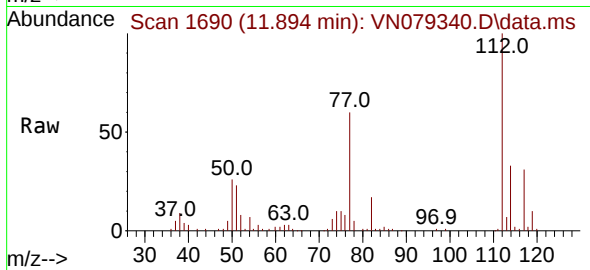
#65
Chlorobenzene
Concen: 17.932 ug/l
RT: 11.894 min Scan# 1189
Delta R.T. 0.000 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN0925WBSD01

Tgt Ion:112 Resp: 10223
Ion Ratio Lower Upper
112 100
114 33.0 25.0 37.4

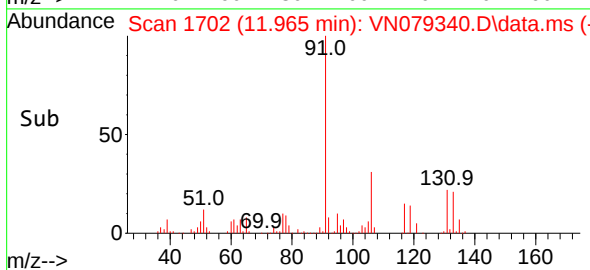
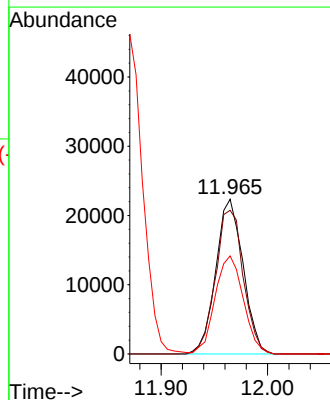
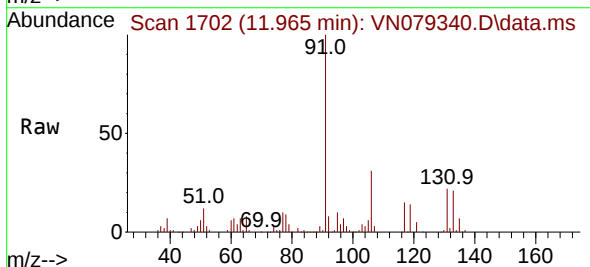
Manual Integrations
APPROVED

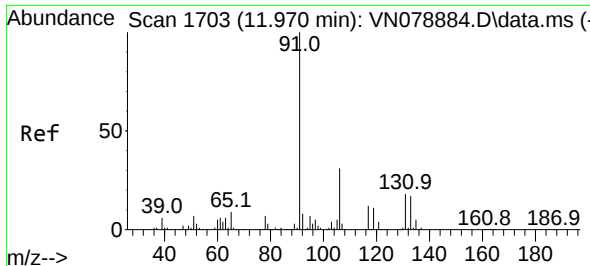
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.621 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

Tgt Ion:131 Resp: 39810
Ion Ratio Lower Upper
131 100
133 94.9 46.4 139.1
119 65.5 34.1 102.2





#67

Ethyl Benzene

Concen: 18.397 ug/l

RT: 11.971 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VN079340.D

Acq: 25 Sep 2023 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBSD01

Tgt Ion: 91 Resp: 179408

Ion Ratio Lower Upper

91 100

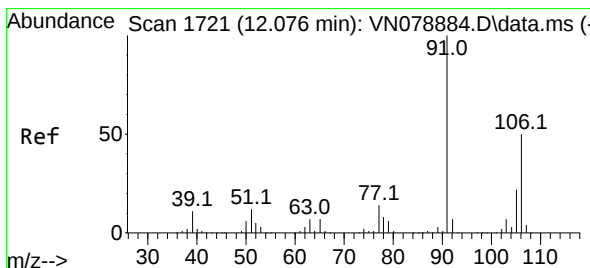
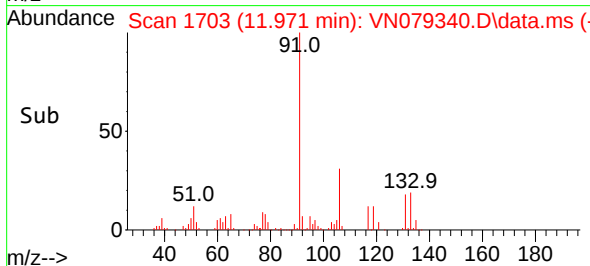
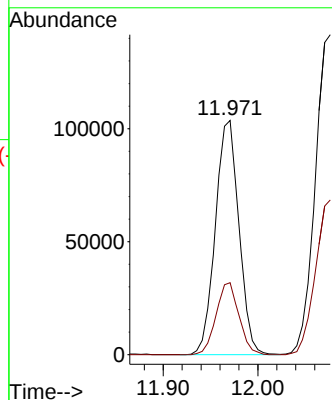
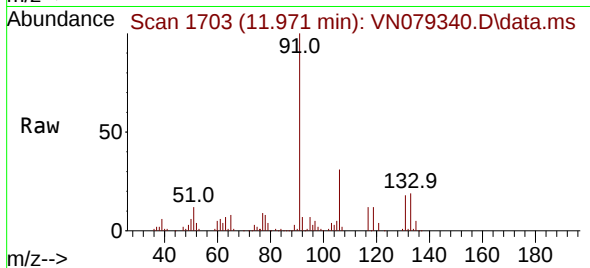
106 30.8 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#68

m/p-Xylenes

Concen: 37.297 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.000 min

Lab File: VN079340.D

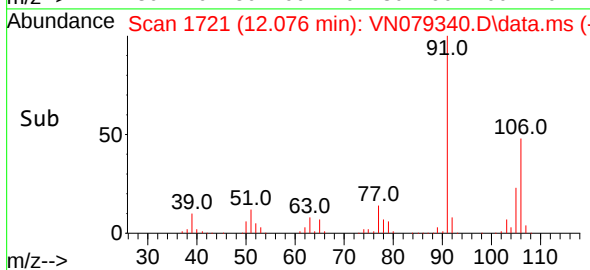
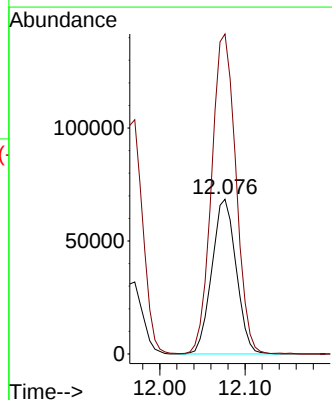
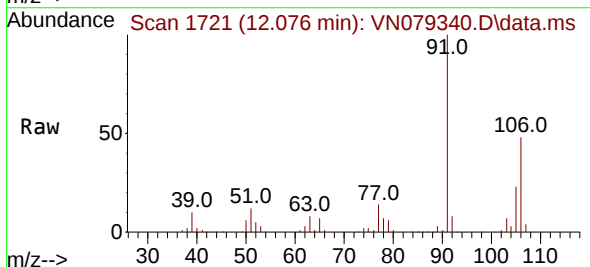
Acq: 25 Sep 2023 12:56

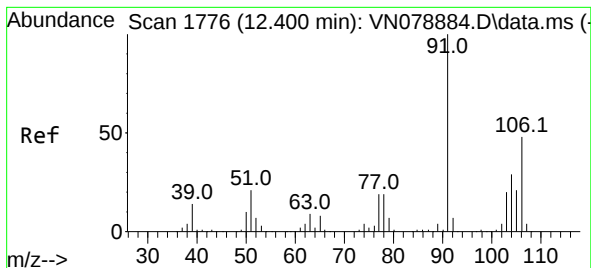
Tgt Ion:106 Resp: 135571

Ion Ratio Lower Upper

106 100

91 206.3 159.6 239.4





#69

o-Xylene

Concen: 18.234 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN079340.D

Acq: 25 Sep 2023 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBSD01

Tgt Ion:106 Resp: 63564

Ion Ratio Lower Upper

106 100

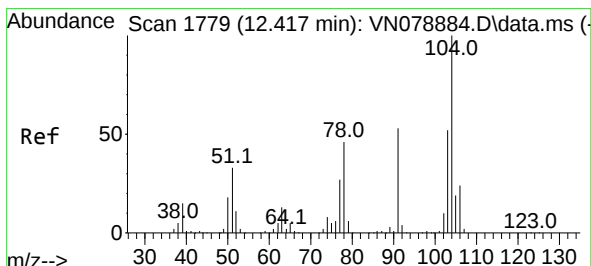
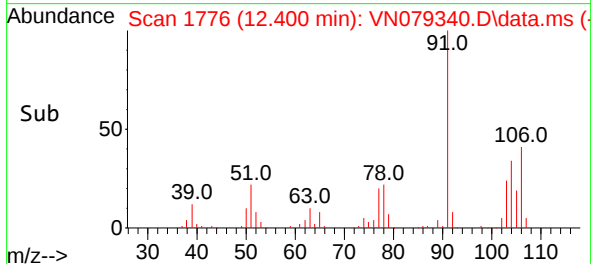
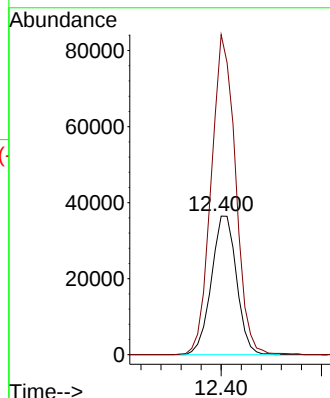
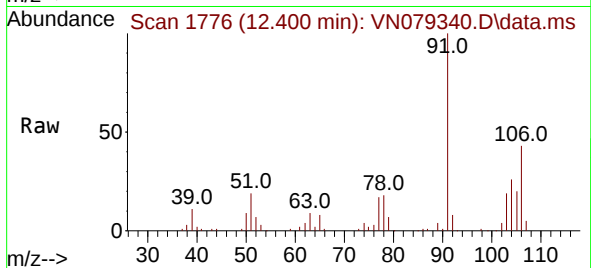
91 223.5 105.2 315.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#70

Styrene

Concen: 18.594 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VN079340.D

Acq: 25 Sep 2023 12:56

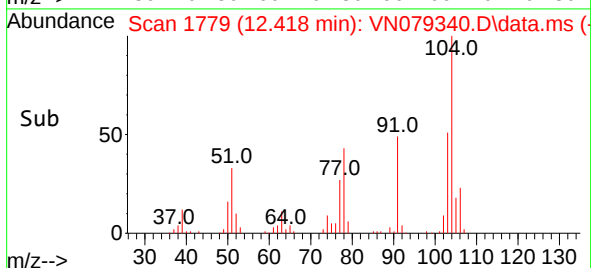
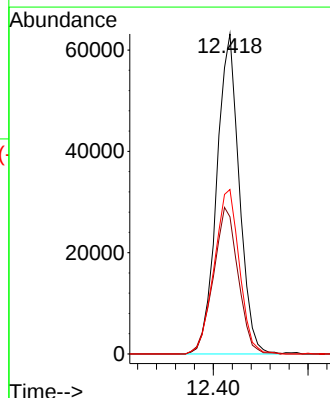
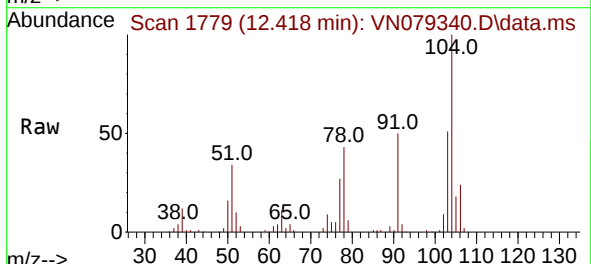
Tgt Ion:104 Resp: 104250

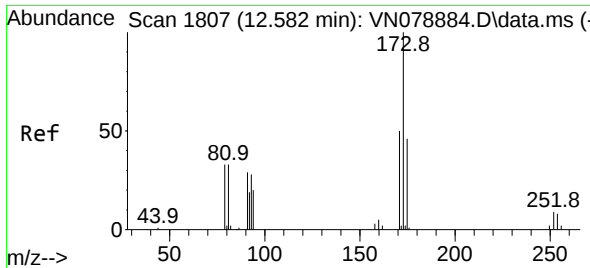
Ion Ratio Lower Upper

104 100

78 50.3 39.5 59.3

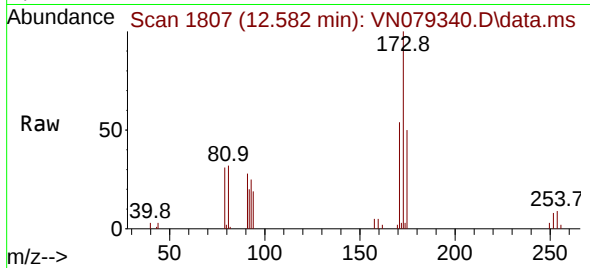
103 57.4 43.2 64.8





#71
Bromoform
Concen: 17.238 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

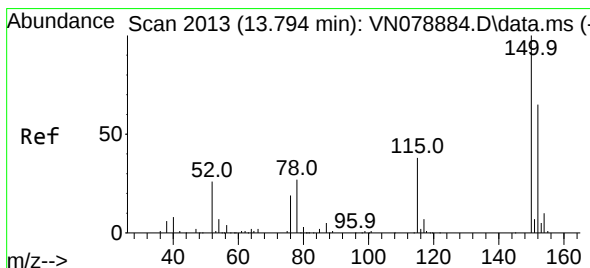
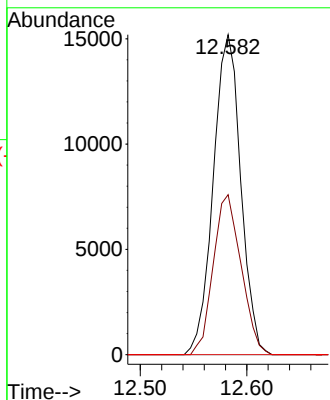
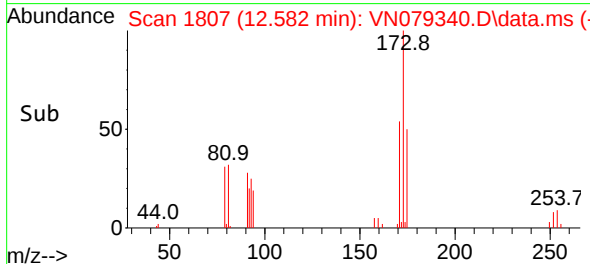
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBSD01



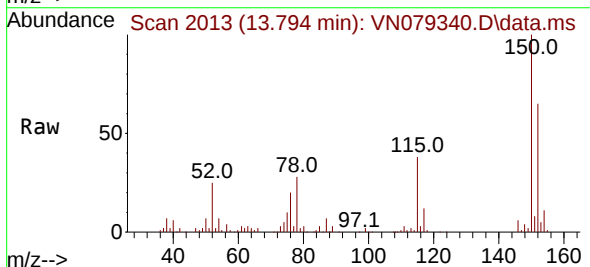
Tgt Ion:173 Resp: 2720
Ion Ratio Lower Upper
173 100
175 50.7 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

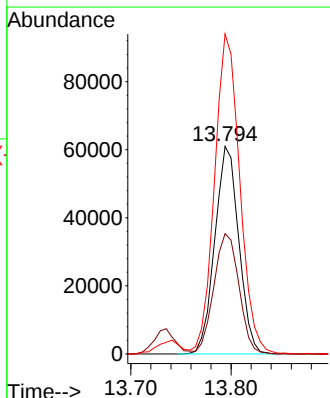
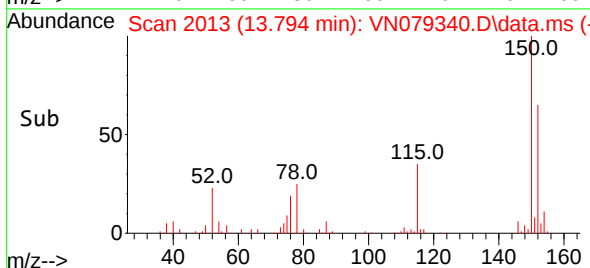
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023

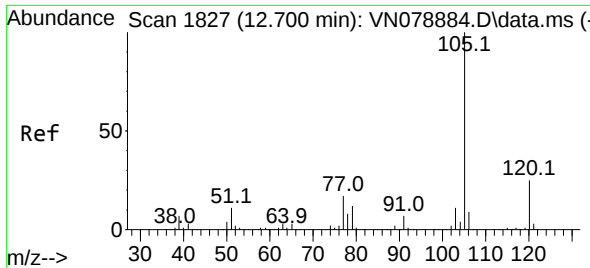


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56



Tgt Ion:152 Resp: 101200
Ion Ratio Lower Upper
152 100
115 60.7 32.3 96.8
150 162.4 0.0 355.8





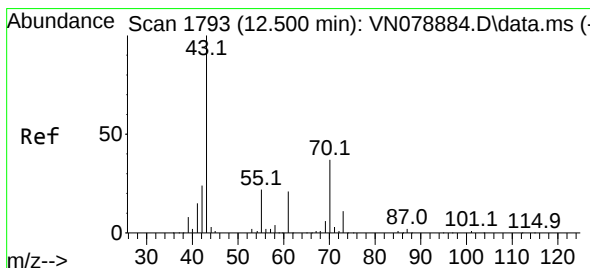
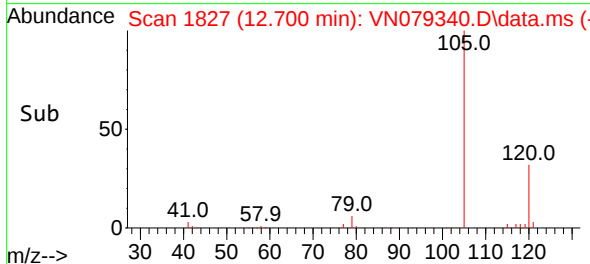
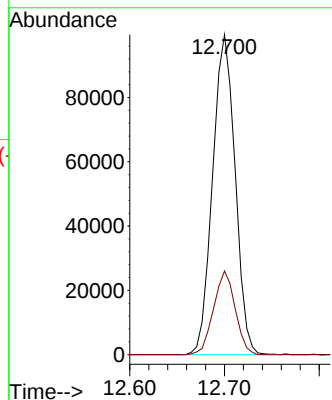
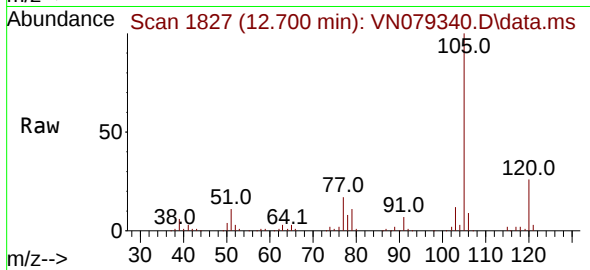
#73
Isopropylbenzene
Concen: 17.882 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN0925WBSD01

Tgt Ion:105 Resp: 164644
Ion Ratio Lower Upper
105 100
120 25.1 13.1 39.1

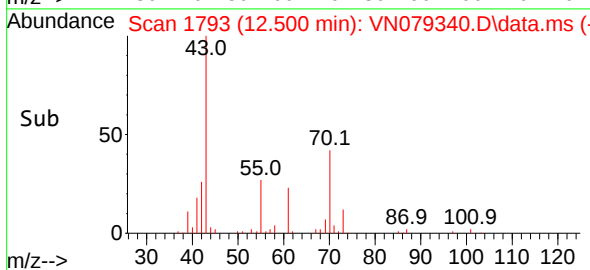
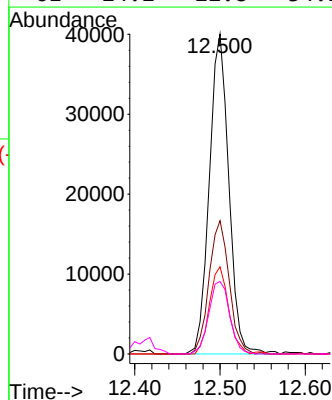
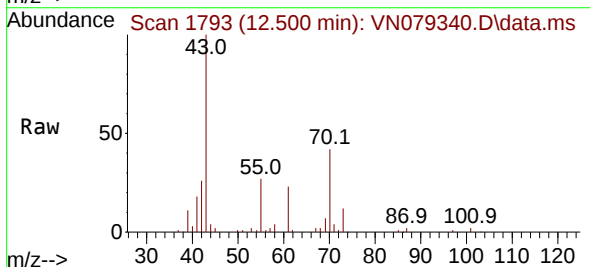
Manual Integrations
APPROVED

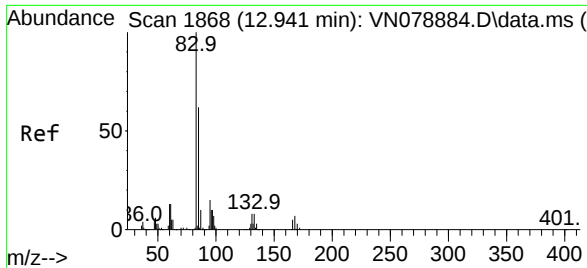
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#74
N-ethyl acetate
Concen: 18.202 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

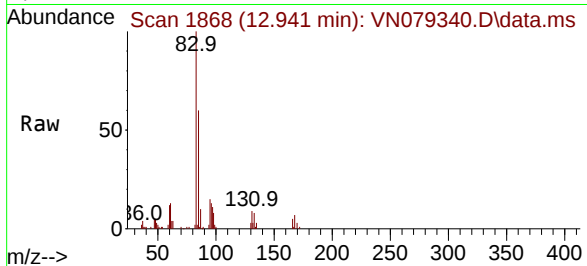
Tgt Ion: 43 Resp: 63585
Ion Ratio Lower Upper
43 100
70 43.2 43.4 65.2#
55 26.6 21.4 32.0
61 24.2 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 18.118 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

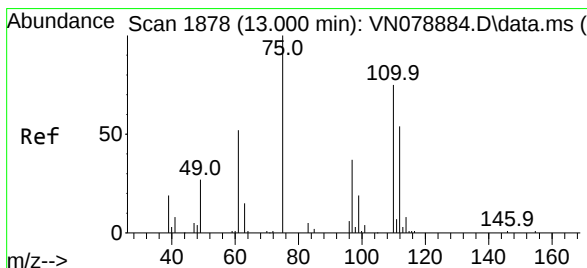
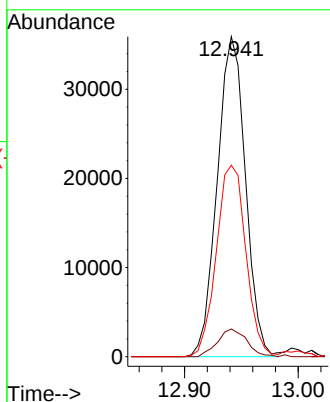
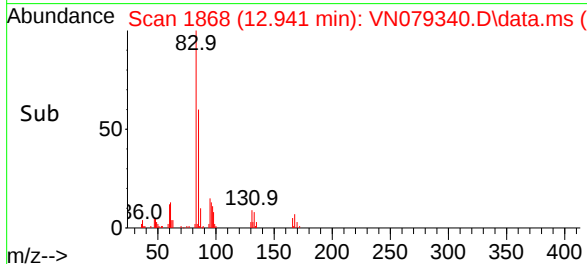
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBSD01



Tgt Ion: 83 Resp: 62119
Ion Ratio Lower Upper
83 100
131 8.9 5.0 15.0
85 62.5 31.9 95.7

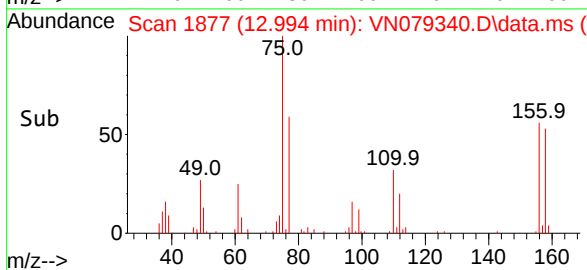
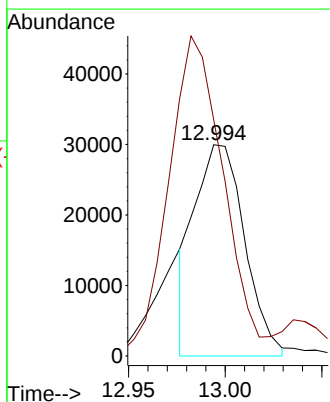
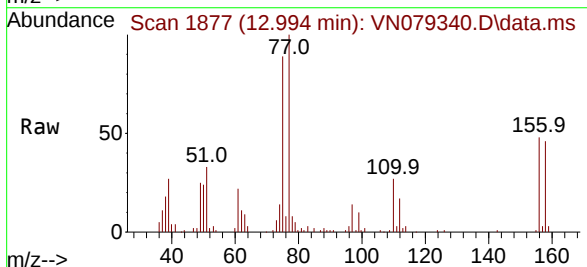
Manual Integrations
APPROVED

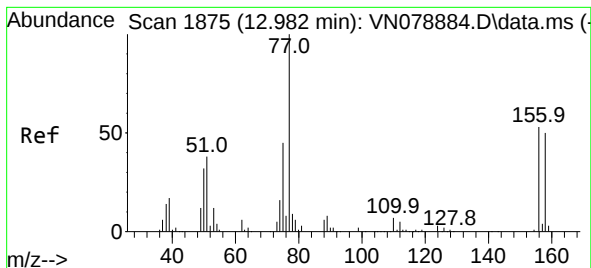
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#76
1,2,3-Trichloropropane
Concen: 19.760 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

Tgt Ion: 75 Resp: 53895
Ion Ratio Lower Upper
75 100
77 166.8 84.5 253.5





#77

Bromobenzene

Concen: 17.070 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079340.D

Acq: 25 Sep 2023 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBSD01

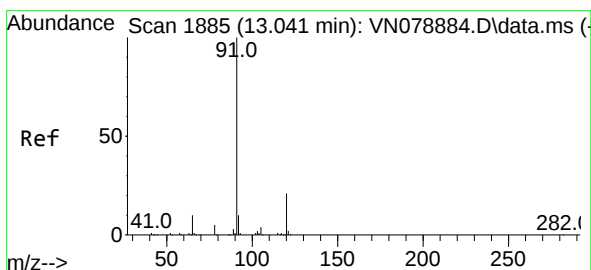
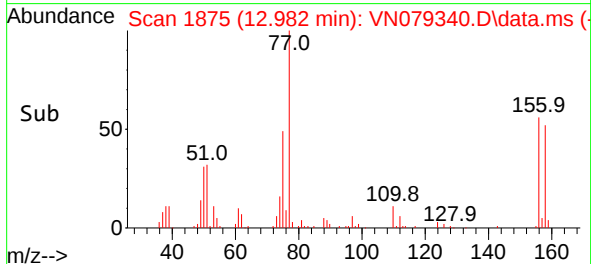
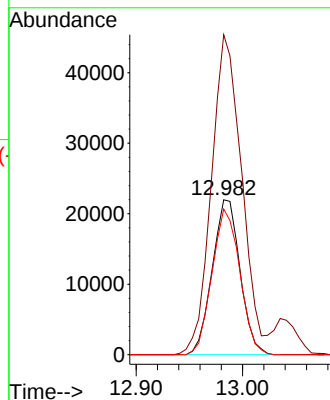
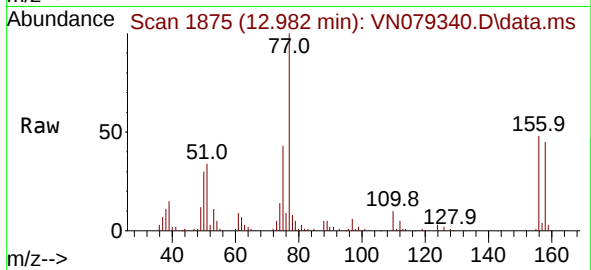
Tgt Ion	Ratio	Lower	Upper
156	100		
77	225.9	107.7	323.3
158	94.2	48.4	145.3

Manual Integrations

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Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#78

n-propylbenzene

Concen: 18.868 ug/l

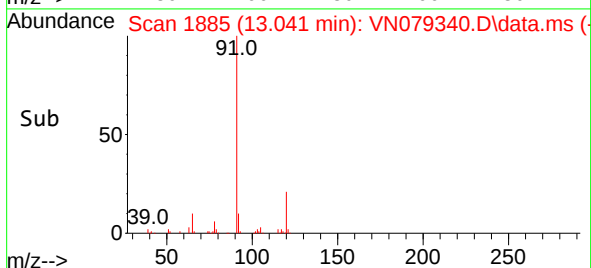
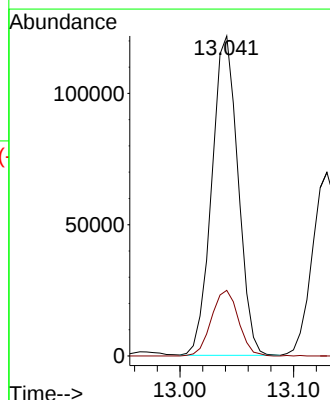
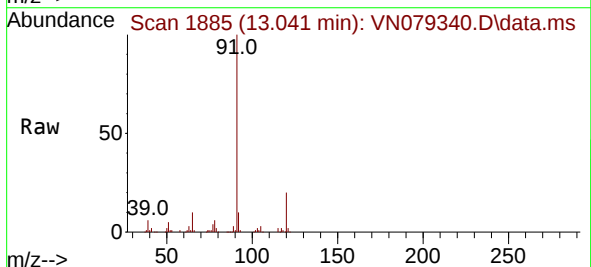
RT: 13.041 min Scan# 1885

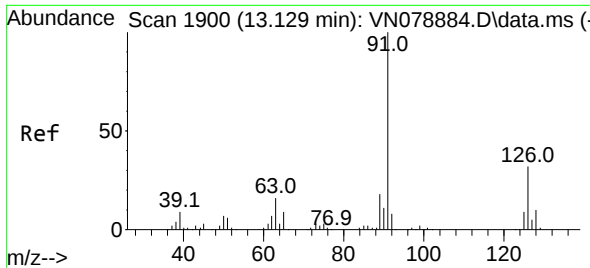
Delta R.T. 0.000 min

Lab File: VN079340.D

Acq: 25 Sep 2023 12:56

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.2	11.5	34.4





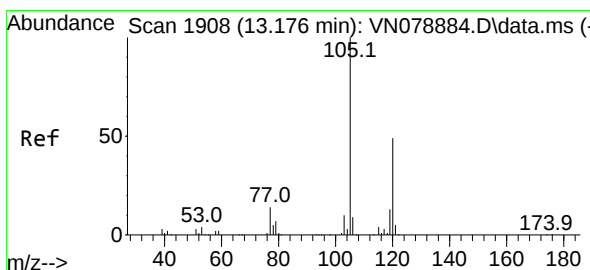
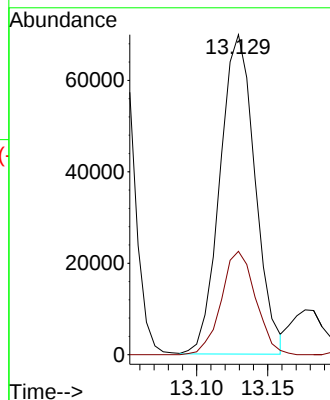
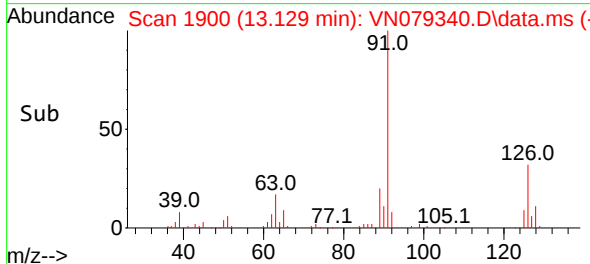
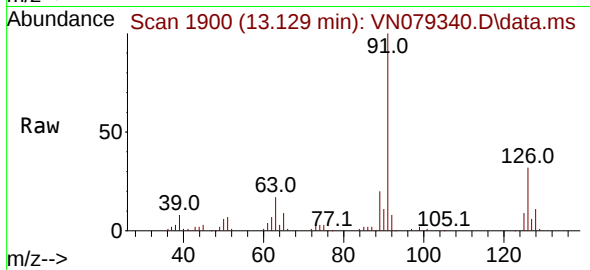
#79
2-Chlorotoluene
Concen: 17.745 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN0925WBSD01

Tgt Ion: 91 Resp: 12004
Ion Ratio Lower Upper
91 100
126 31.7 16.3 48.8

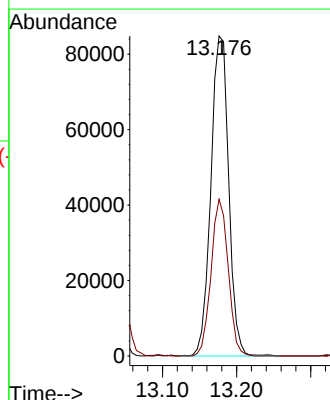
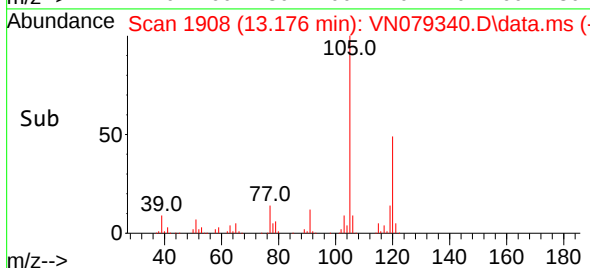
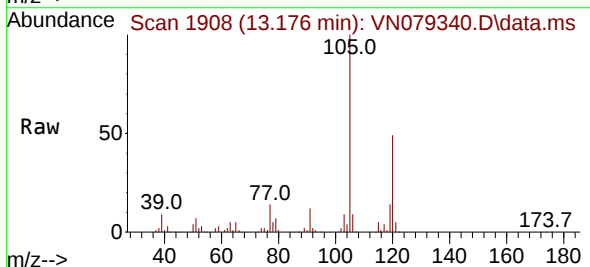
Manual Integrations
APPROVED

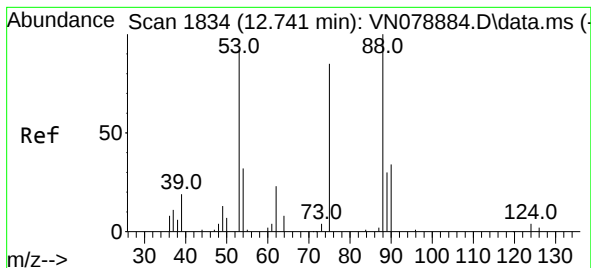
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.440 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

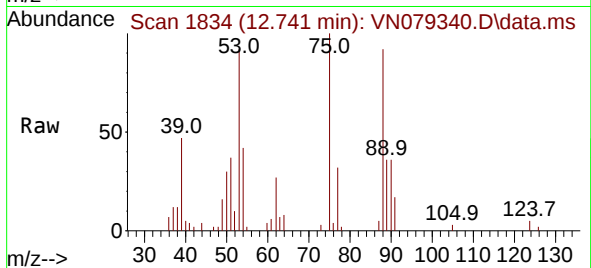
Tgt Ion:105 Resp: 141473
Ion Ratio Lower Upper
105 100
120 47.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 16.078 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

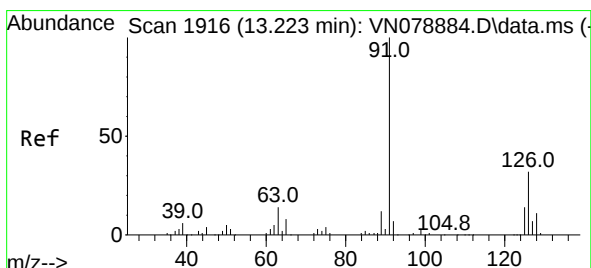
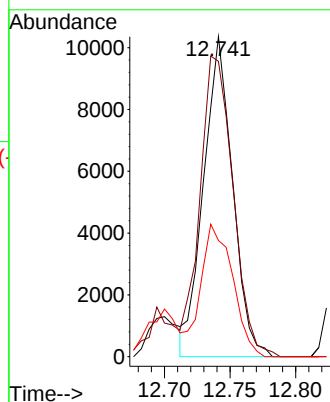
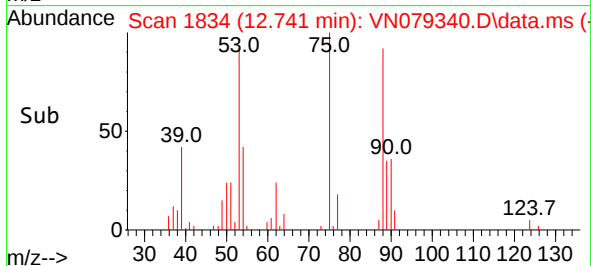
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBSD01



Tgt Ion: 75 Resp: 1595
Ion Ratio Lower Upper
75 100
53 107.0 67.4 101.2
89 45.9 38.8 58.2

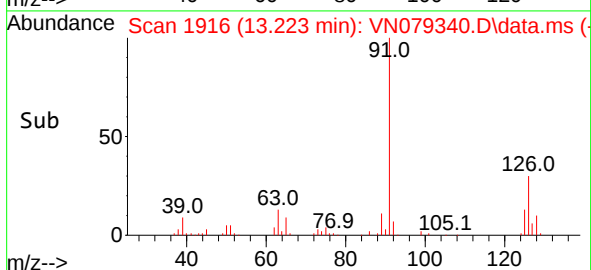
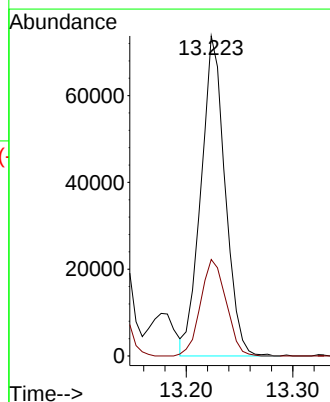
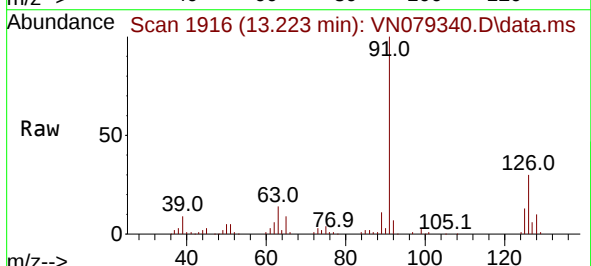
Manual Integrations
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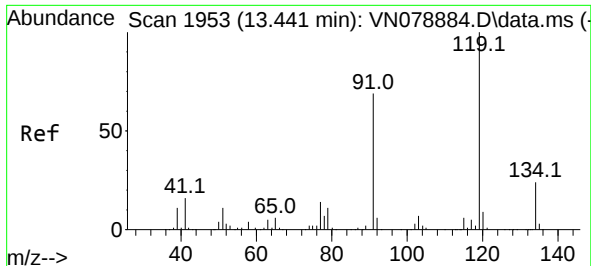
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#82
4-Chlorotoluene
Concen: 18.234 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

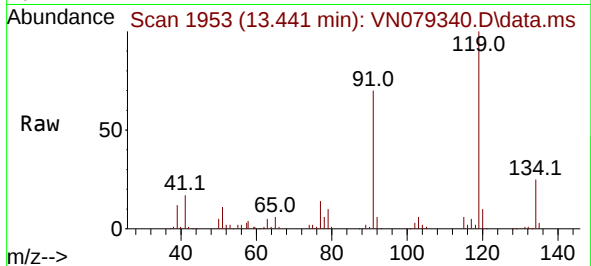
Tgt Ion: 91 Resp: 115906
Ion Ratio Lower Upper
91 100
126 32.0 16.7 50.0





#83
tert-Butylbenzene
Concen: 17.289 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

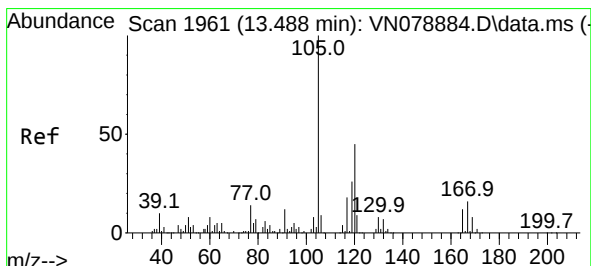
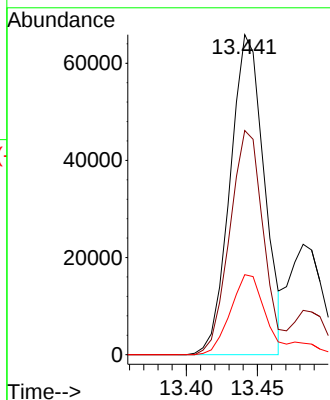
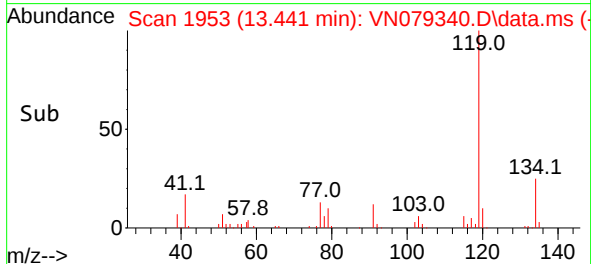
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBSD01



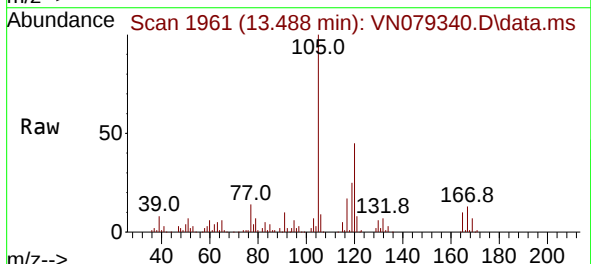
Tgt Ion:119 Resp: 109728
Ion Ratio Lower Upper
119 100
91 70.0 33.9 101.7
134 25.4 13.2 39.6

Manual Integrations
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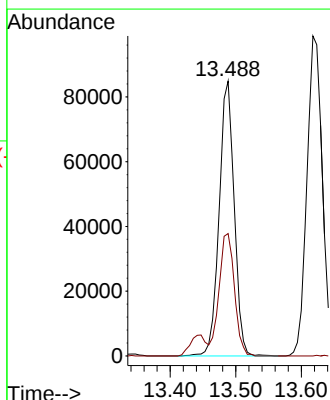
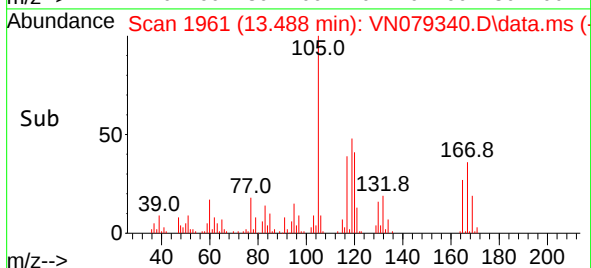
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023

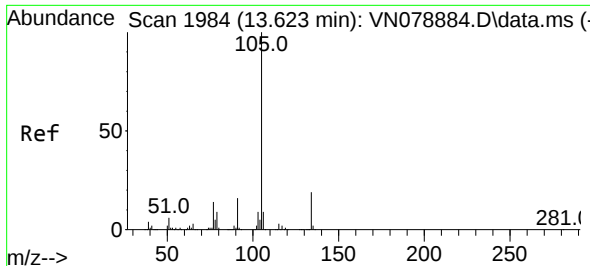


#84
1,2,4-Trimethylbenzene
Concen: 18.470 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56



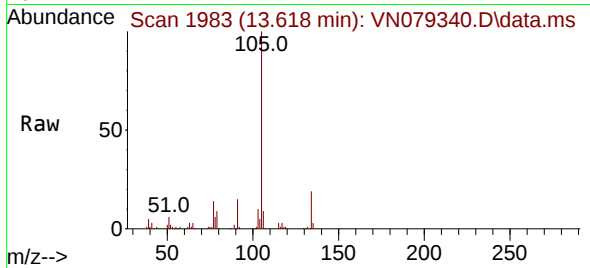
Tgt Ion:105 Resp: 134949
Ion Ratio Lower Upper
105 100
120 45.4 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 18.432 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.005 min
 Lab File: VN079340.D
 Acq: 25 Sep 2023 12:56

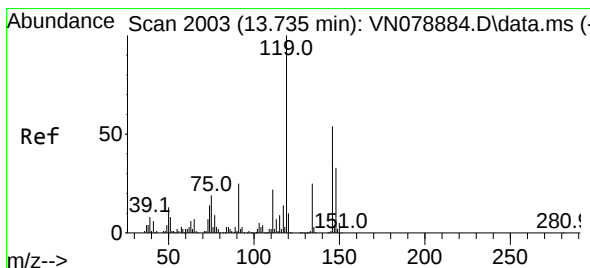
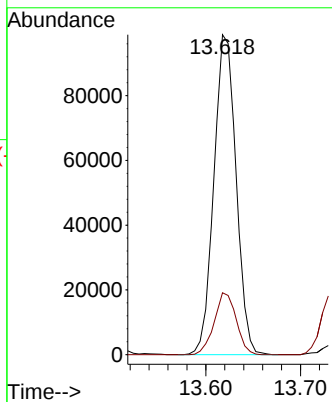
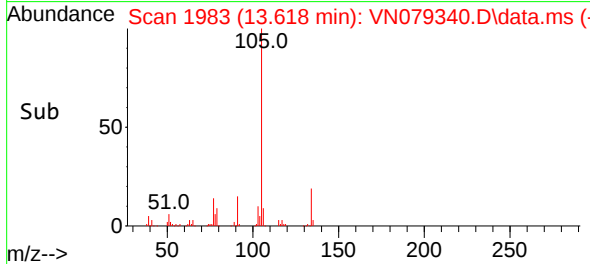
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBSD01



Tgt Ion:105 Resp: 16105
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3

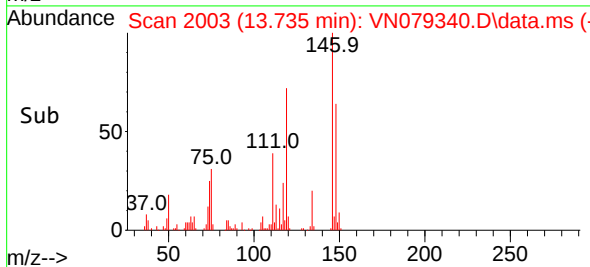
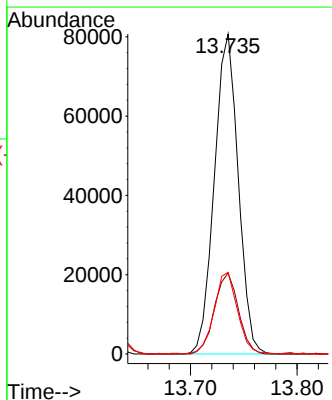
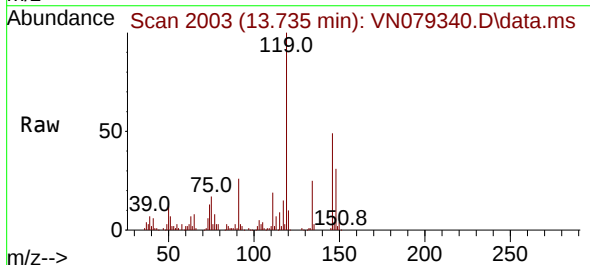
Manual Integrations
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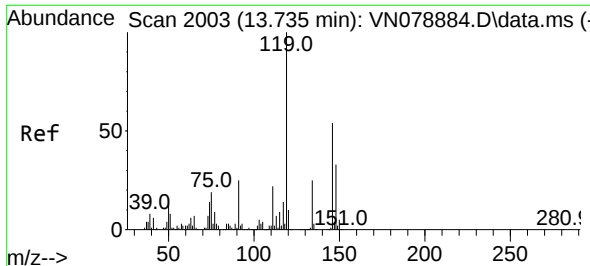
Reviewed By :John Carlone 09/26/2023
 Supervised By :Semsettin Yesilyurt 09/26/2023



#86
 p-Isopropyltoluene
 Concen: 17.957 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079340.D
 Acq: 25 Sep 2023 12:56

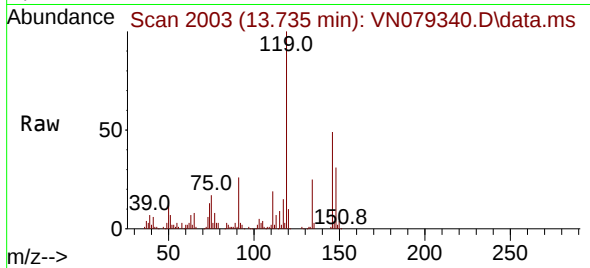
Tgt Ion:119 Resp: 125354
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 25.2 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 17.433 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.006 min
 Lab File: VN079340.D
 Acq: 25 Sep 2023 12:56

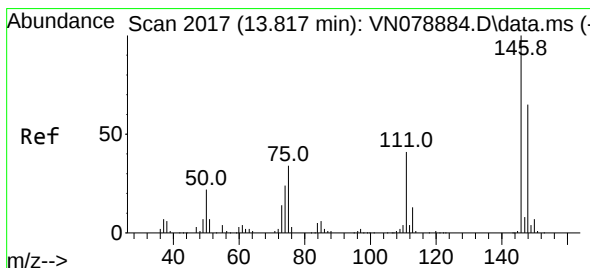
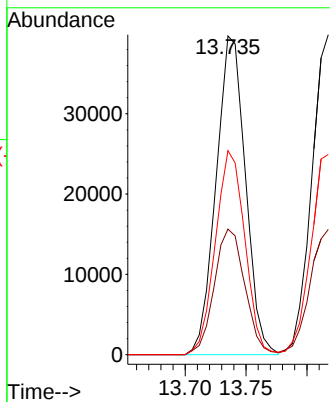
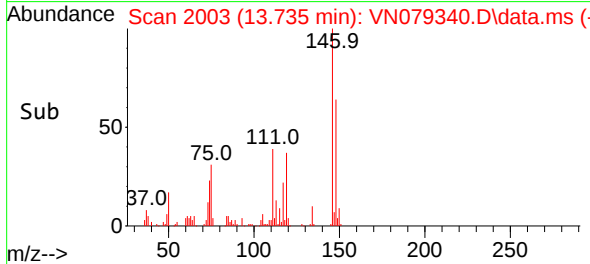
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBSD01



Tgt Ion:146 Resp: 66662
 Ion Ratio Lower Upper
 146 100
 111 41.0 22.1 66.3
 148 64.2 32.0 96.0

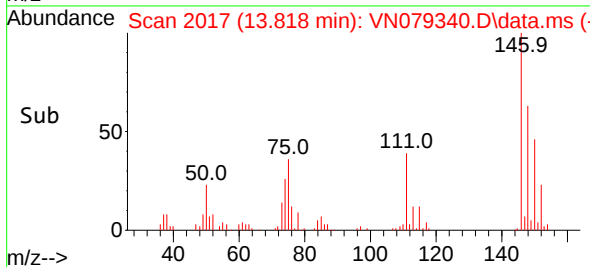
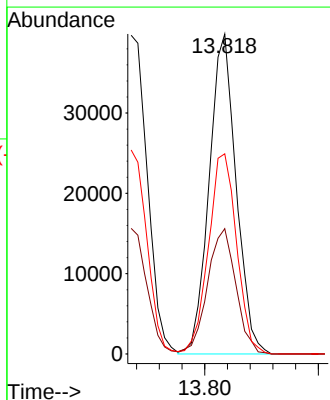
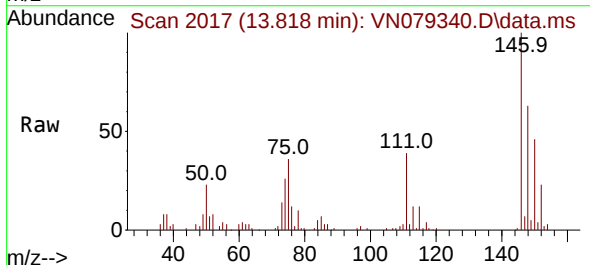
Manual Integrations
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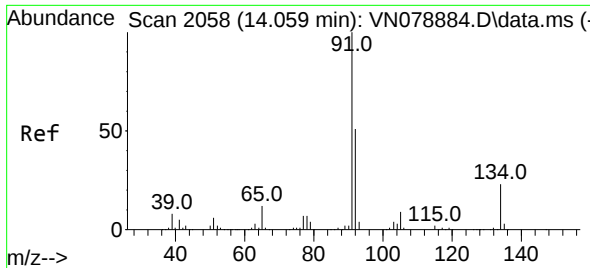
Reviewed By :John Carlone 09/26/2023
 Supervised By :Semsettin Yesilyurt 09/26/2023



#88
 1,4-Dichlorobenzene
 Concen: 17.004 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: VN079340.D
 Acq: 25 Sep 2023 12:56

Tgt Ion:146 Resp: 65702
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.6 61.8
 148 65.5 31.6 94.8





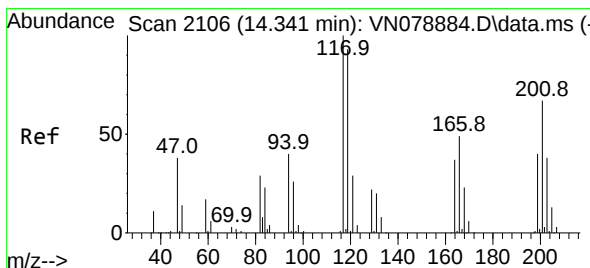
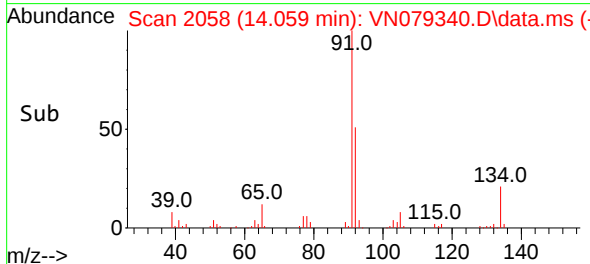
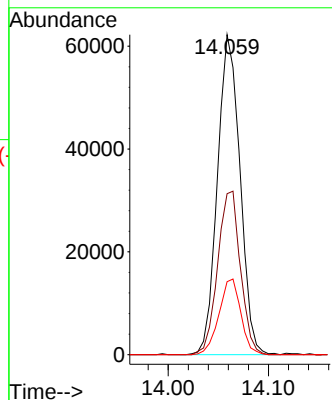
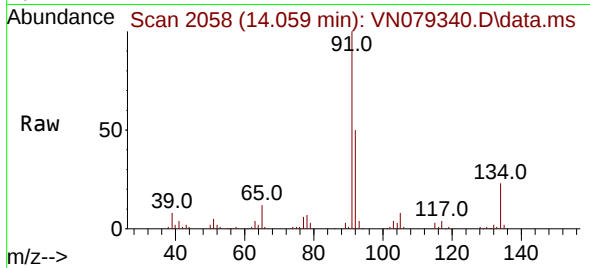
#89
n-Butylbenzene
Concen: 17.709 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN0925WBSD01

Tgt Ion: 91 Resp: 97214
Ion Ratio Lower Upper
91 100
92 51.5 26.4 79.0
134 22.9 12.6 37.6

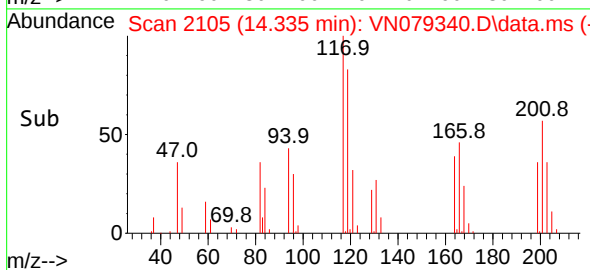
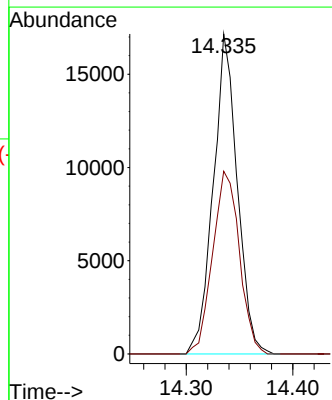
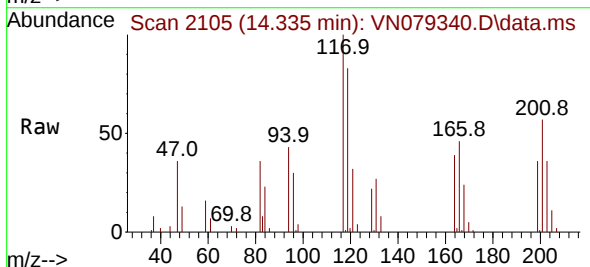
Manual Integrations
APPROVED

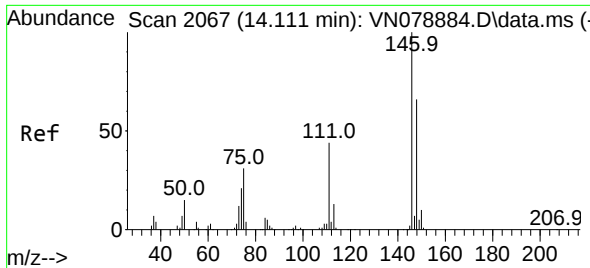
Reviewed By :John Carlone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#90
Hexachloroethane
Concen: 18.935 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

Tgt Ion:117 Resp: 26842
Ion Ratio Lower Upper
117 100
201 63.6 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 17.685 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN079340.D

Acq: 25 Sep 2023 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBSD01

Tgt Ion:146 Resp: 66760

Ion Ratio Lower Upper

146 100

111 42.7 22.0 66.0

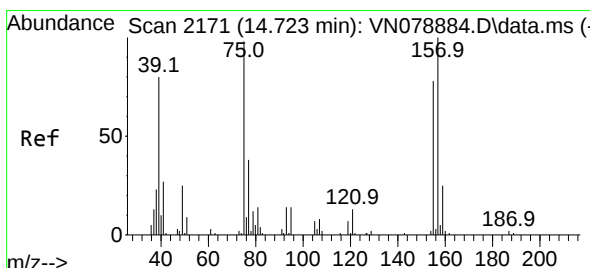
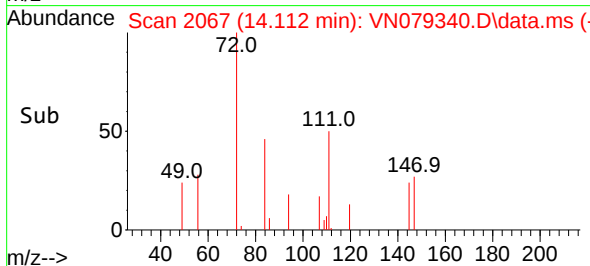
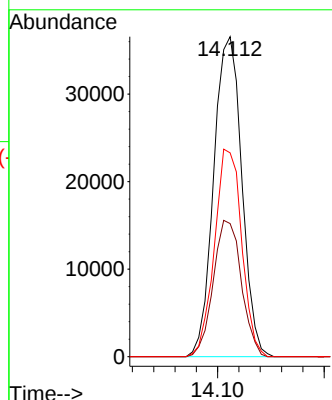
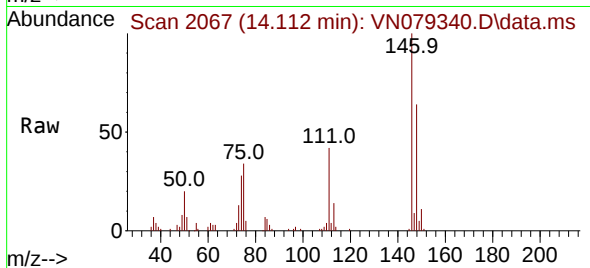
148 63.0 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.386 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN079340.D

Acq: 25 Sep 2023 12:56

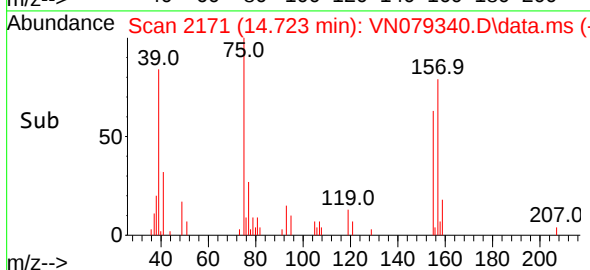
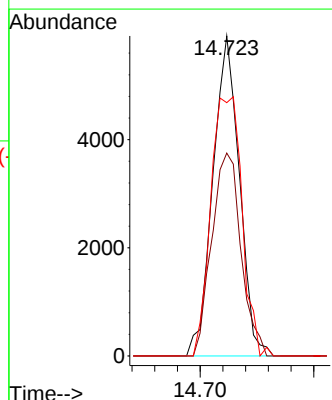
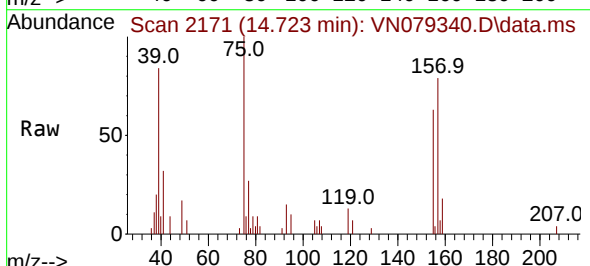
Tgt Ion: 75 Resp: 9583

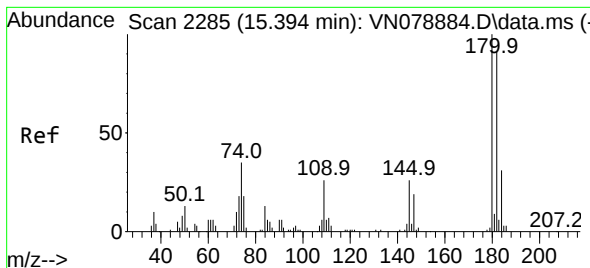
Ion Ratio Lower Upper

75 100

155 70.1 39.1 117.2

157 95.1 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 14.909 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN079340.D

Acq: 25 Sep 2023 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBSD01

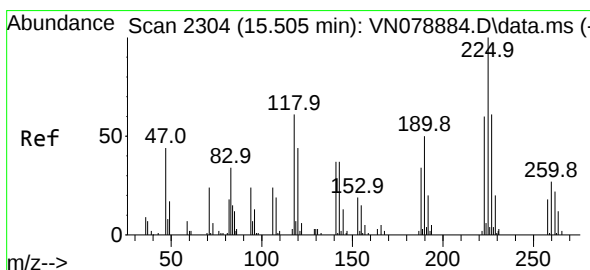
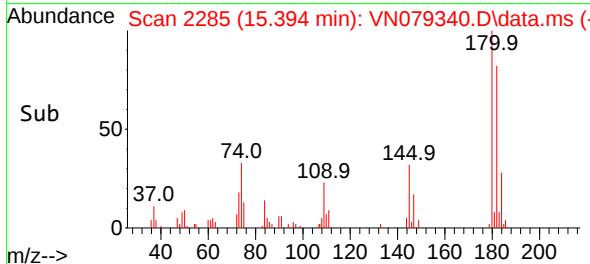
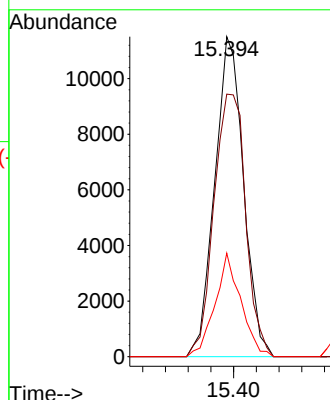
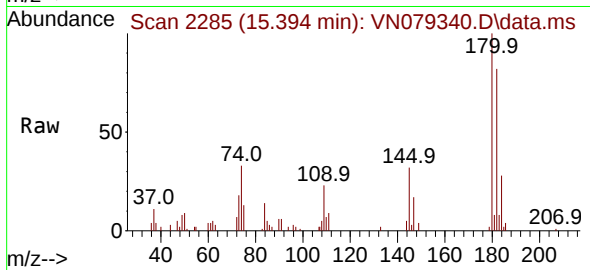
Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.4	46.1	138.2
145	29.1	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2023

Supervised By :Semsettin Yesilyurt 09/26/2023



#94

Hexachlorobutadiene

Concen: 14.782 ug/l

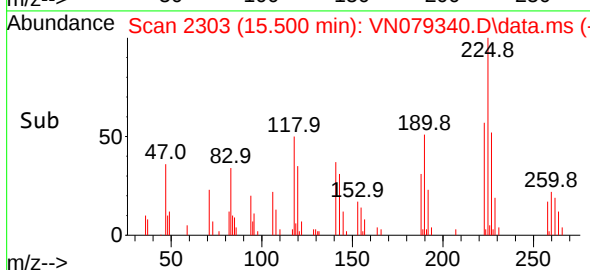
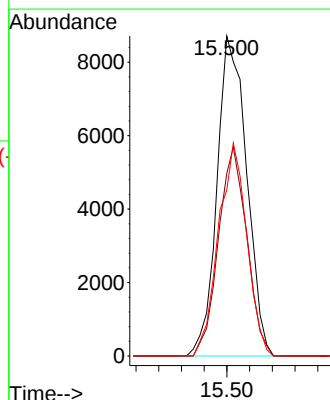
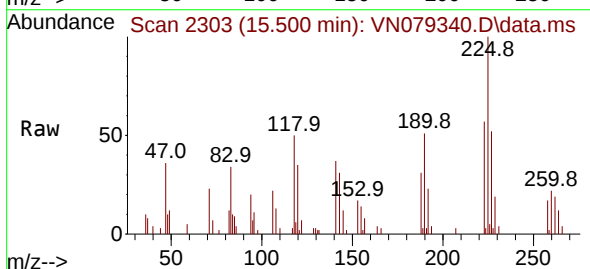
RT: 15.500 min Scan# 2303

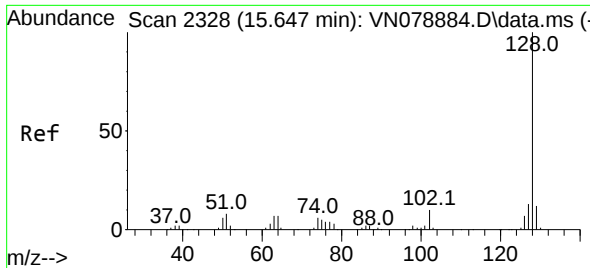
Delta R.T. -0.006 min

Lab File: VN079340.D

Acq: 25 Sep 2023 12:56

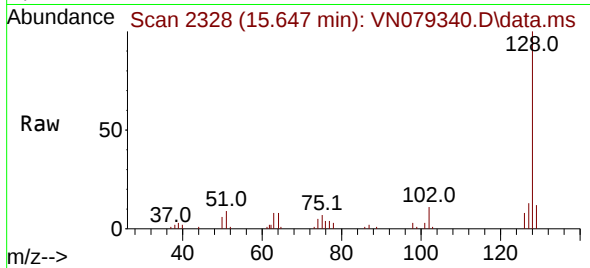
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.3	93.8
227	63.6	31.9	95.9





#95
Naphthalene
Concen: 12.457 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56

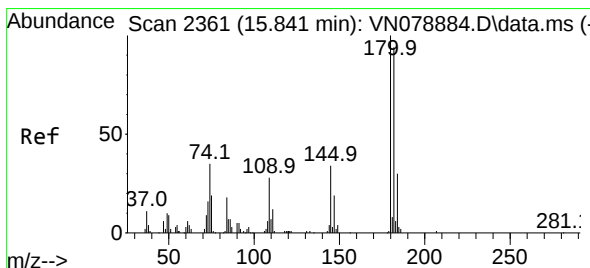
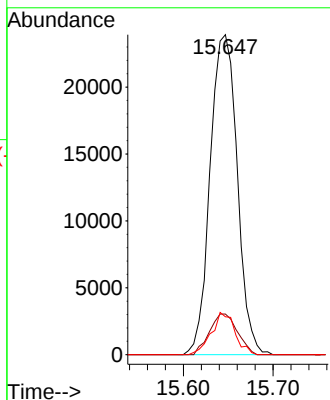
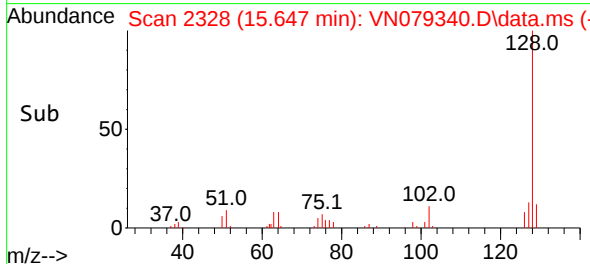
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBSD01



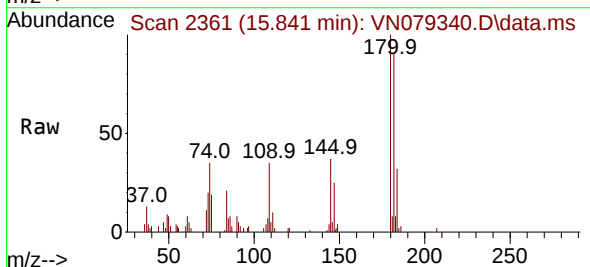
Tgt Ion:128 Resp: 50190
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 11.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carbone 09/26/2023
Supervised By :Semsettin Yesilyurt 09/26/2023



#96
1,2,3-Trichlorobenzene
Concen: 13.887 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN079340.D
Acq: 25 Sep 2023 12:56



Tgt Ion:180 Resp: 22222
Ion Ratio Lower Upper
180 100
182 94.5 46.2 138.6
145 33.5 17.5 52.6

