

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103123\
 Data File : VN079743.D
 Acq On : 31 Oct 2023 14:55
 Operator : JC\MD
 Sample : VN1031WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031WBSD01

Quant Time: Nov 01 01:20:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:23:24 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

11/01/2023
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	268664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	472338	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	431119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	169286	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.583	65	220136	51.023	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.040%	
35) Dibromofluoromethane	8.171	113	172254	51.037	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.080%	
50) Toluene-d8	10.571	98	639072	50.793	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.580%	
62) 4-Bromofluorobenzene	12.853	95	201135	50.764	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.520%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	68071	19.193	ug/l	95
3) Chloromethane	2.365	50	77434	18.023	ug/l	99
4) Vinyl Chloride	2.518	62	82008	17.723	ug/l	100
5) Bromomethane	2.959	94	58663	19.314	ug/l	92
6) Chloroethane	3.124	64	64196	18.939	ug/l	95
7) Trichlorofluoromethane	3.501	101	103159	18.959	ug/l	100
8) Diethyl Ether	3.959	74	38900	19.755	ug/l	64
9) 1,1,2-Trichlorotrifluo...	4.377	101	58991	18.719	ug/l	99
10) Methyl Iodide	4.595	142	64872	20.453	ug/l	97
11) Tert butyl alcohol	5.524	59	52172	91.170	ug/l	98
12) 1,1-Dichloroethene	4.342	96	54646	18.513	ug/l	83
13) Acrolein	4.183	56	51096	88.762	ug/l	96
14) Allyl chloride	5.030	41	86169	17.407	ug/l #	90
15) Acrylonitrile	5.730	53	171273	97.264	ug/l	99
16) Acetone	4.436	43	138855	75.225	ug/l	91
17) Carbon Disulfide	4.718	76	157406	17.462	ug/l	97
18) Methyl Acetate	5.030	43	141593	19.013	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	194450	19.469	ug/l	93
20) Methylene Chloride	5.271	84	70988	19.421	ug/l #	82
21) trans-1,2-Dichloroethene	5.789	96	61994	18.503	ug/l #	74
22) Diisopropyl ether	6.677	45	217436	19.538	ug/l #	91
23) Vinyl Acetate	6.606	43	574932	93.833	ug/l #	86
24) 1,1-Dichloroethane	6.577	63	127446	19.111	ug/l	97
25) 2-Butanone	7.489	43	219657	86.633	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	97498	18.068	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	73830	19.138	ug/l	87
28) Bromochloromethane	7.818	49	65991	20.231	ug/l #	78
29) Tetrahydrofuran	7.841	42	148436	95.827	ug/l #	75
30) Chloroform	7.965	83	129944	19.351	ug/l	92
31) Cyclohexane	8.259	56	106458	18.086	ug/l	87
32) 1,1,1-Trichloroethane	8.177	97	107469	18.461	ug/l	95
36) 1,1-Dichloropropene	8.377	75	93598	18.693	ug/l	95
37) Ethyl Acetate	7.565	43	98173	19.781	ug/l #	88
38) Carbon Tetrachloride	8.365	117	91503	18.326	ug/l	96
39) Methylcyclohexane	9.600	83	87344	17.538	ug/l #	85
40) Benzene	8.612	78	290305	19.645	ug/l	99

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Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Nov 01 01:20:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:23:24 2023
 Response via : Initial Calibration

11/01/2023
 Supervised By :Semsettin
 Yesilyurt

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.783	41	50082	19.348	ug/l	#	85
42) 1,2-Dichloroethane	8.677	62	107736	20.073	ug/l		97
43) Isopropyl Acetate	8.688	43	151072	19.041	ug/l	#	90
44) Trichloroethene	9.353	130	69028	19.283	ug/l		99
45) 1,2-Dichloropropane	9.624	63	77559	19.761	ug/l		97
46) Dibromomethane	9.712	93	50256	18.985	ug/l		93
47) Bromodichloromethane	9.894	83	102693	19.338	ug/l		96
48) Methyl methacrylate	9.683	41	71332	19.392	ug/l	#	78
49) 1,4-Dioxane	9.700	88	25306	390.947	ug/l	#	84
51) 4-Methyl-2-Pentanone	10.447	43	469535	95.110	ug/l		88
52) Toluene	10.635	92	172880	19.163	ug/l		96
53) t-1,3-Dichloropropene	10.841	75	102683	19.148	ug/l		99
54) cis-1,3-Dichloropropene	10.318	75	113701	19.380	ug/l	#	86
55) 1,1,2-Trichloroethane	11.018	97	68807	19.285	ug/l		92
56) Ethyl methacrylate	10.877	69	96485	19.148	ug/l	#	81
57) 1,3-Dichloropropane	11.165	76	125091	20.034	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.165	63	181720	97.889	ug/l		91
59) 2-Hexanone	11.200	43	326582	89.969	ug/l		87
60) Dibromochloromethane	11.359	129	71648	19.406	ug/l		99
61) 1,2-Dibromoethane	11.471	107	70062	19.710	ug/l		94
64) Tetrachloroethene	11.106	164	58702	19.194	ug/l		97
65) Chlorobenzene	11.894	112	178092	18.663	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.965	131	66700	18.812	ug/l		98
67) Ethyl Benzene	11.965	91	308971	18.379	ug/l		97
68) m/p-Xylenes	12.071	106	233921	37.622	ug/l		93
69) o-Xylene	12.400	106	111544	18.657	ug/l		92
70) Styrene	12.418	104	182230	19.027	ug/l		97
71) Bromoform	12.582	173	46442	18.287	ug/l	#	99
73) Isopropylbenzene	12.700	105	277610	18.105	ug/l		100
74) N-amyl acetate	12.500	43	111136	18.223	ug/l	#	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	100857	18.579	ug/l		98
76) 1,2,3-Trichloropropane	12.994	75	87098m	18.948	ug/l		
77) Bromobenzene	12.982	156	67422	18.697	ug/l		94
78) n-propylbenzene	13.041	91	335785	19.010	ug/l		97
79) 2-Chlorotoluene	13.129	91	205336	18.649	ug/l		99
80) 1,3,5-Trimethylbenzene	13.176	105	239766	19.183	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.741	75	26319	17.271	ug/l	#	78
82) 4-Chlorotoluene	13.224	91	199269	18.842	ug/l		98
83) tert-Butylbenzene	13.441	119	185949	18.153	ug/l		97
84) 1,2,4-Trimethylbenzene	13.482	105	226992	18.825	ug/l		99
85) sec-Butylbenzene	13.618	105	273140	19.116	ug/l		98
86) p-Isopropyltoluene	13.729	119	210943	18.536	ug/l		100
87) 1,3-Dichlorobenzene	13.735	146	111217	18.231	ug/l		99
88) 1,4-Dichlorobenzene	13.818	146	114371	18.820	ug/l		99
89) n-Butylbenzene	14.059	91	161092	17.817	ug/l		99
90) Hexachloroethane	14.335	117	42650	17.737	ug/l		90
91) 1,2-Dichlorobenzene	14.106	146	110140	18.563	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15733	18.792	ug/l		95
93) 1,2,4-Trichlorobenzene	15.400	180	28425	16.072	ug/l		97
94) Hexachlorobutadiene	15.506	225	28213	17.979	ug/l		99
95) Naphthalene	15.647	128	75854	14.774	ug/l		98
96) 1,2,3-Trichlorobenzene	15.847	180	34673	17.556	ug/l		94

11/02/2023

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

Manual Integrations
APPROVED

Reviewed By :John
Carlone

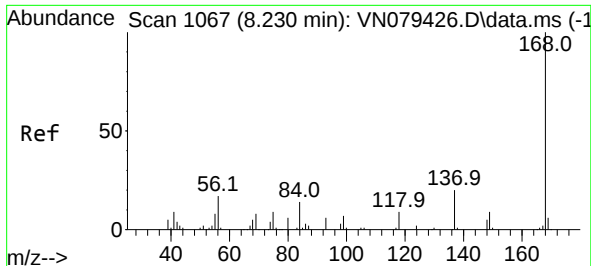
11/01/2023
Supervised By :Semsettin
Yesilyurt

11/02/2023

Quant Time: Nov 01 01:20:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 31 07:23:24 2023
Response via : Initial Calibration

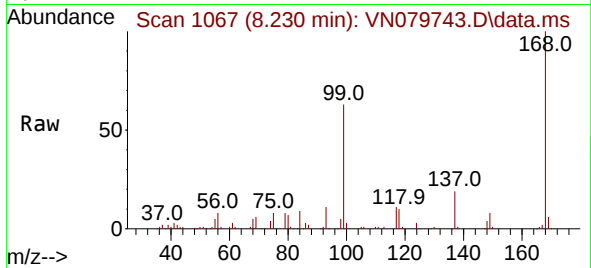
Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01



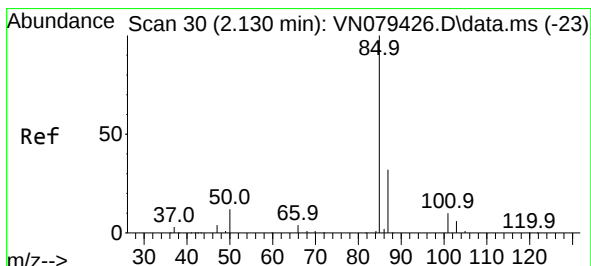
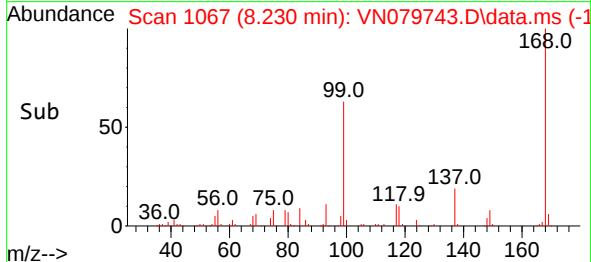
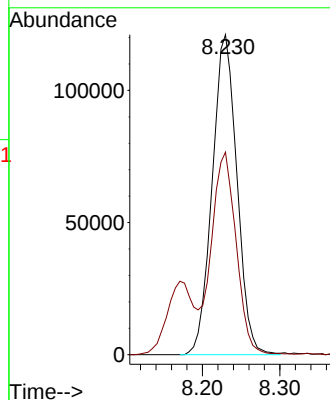
Tgt Ion:168 Resp: 268664
Ion Ratio Lower Upper
168 100
99 62.9 53.0 79.6

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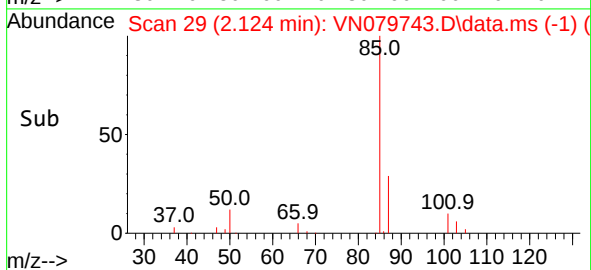
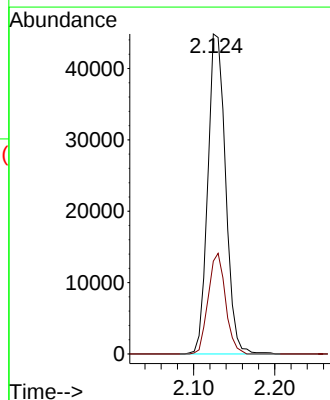
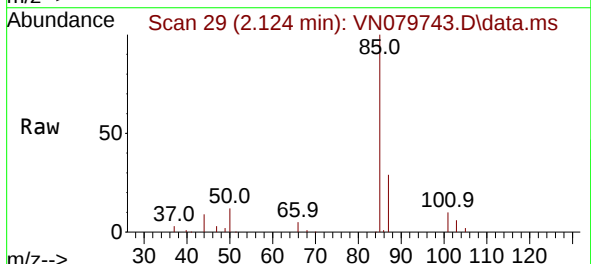
11/01/2023
Supervised By :Semsettin
Yesilyurt

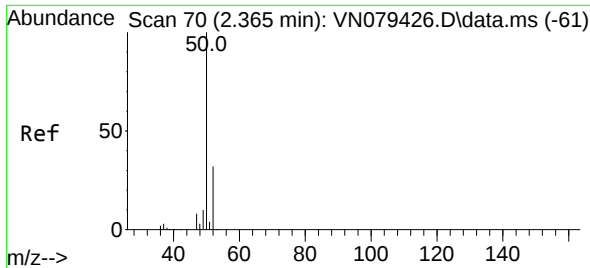
11/02/2023



#2
Dichlorodifluoromethane
Concen: 19.193 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

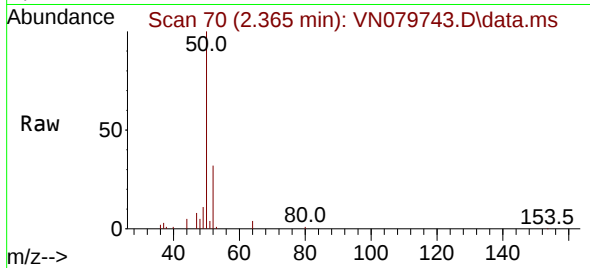
Tgt Ion: 85 Resp: 68071
Ion Ratio Lower Upper
85 100
87 29.0 15.8 47.4





#3
Chloromethane
Concen: 18.023 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01



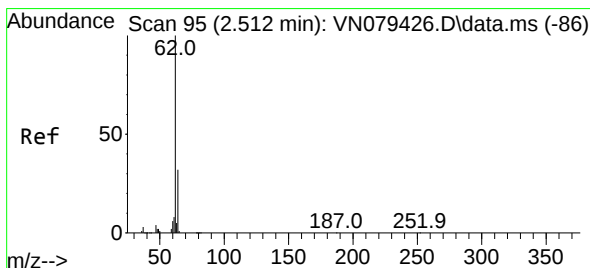
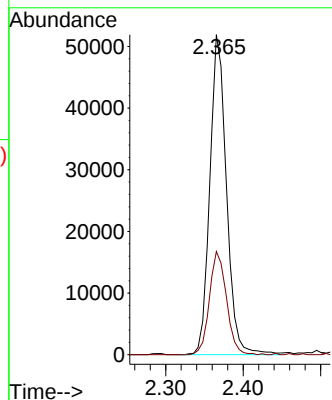
Tgt Ion: 50 Resp: 77434
Ion Ratio Lower Upper
50 100
52 32.3 26.5 39.7

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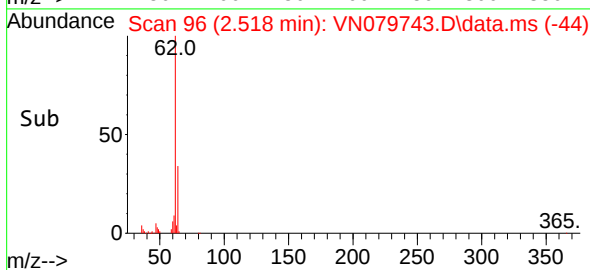
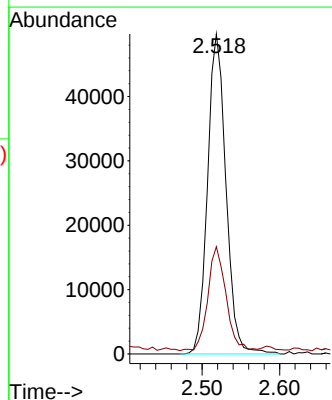
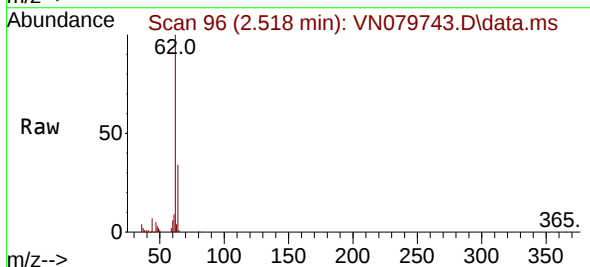
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Yesilyurt

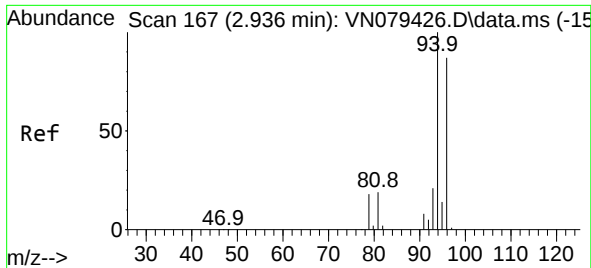
11/02/2023



#4
Vinyl Chloride
Concen: 17.723 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

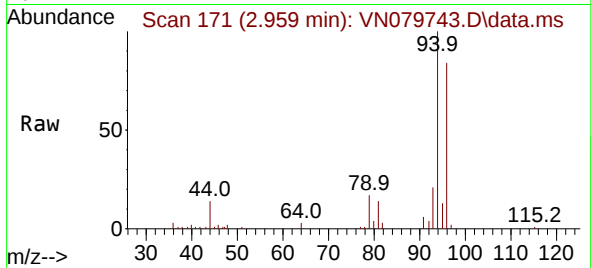
Tgt Ion: 62 Resp: 82008
Ion Ratio Lower Upper
62 100
64 32.4 26.2 39.2





#5
Bromomethane
Concen: 19.314 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01



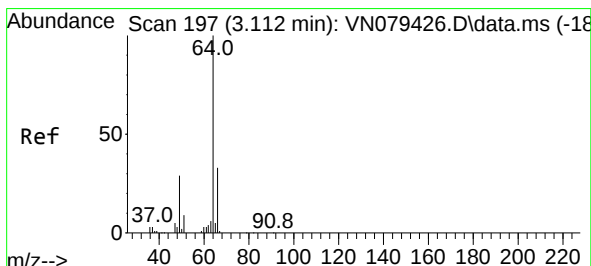
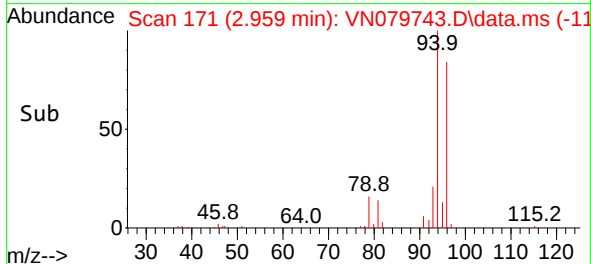
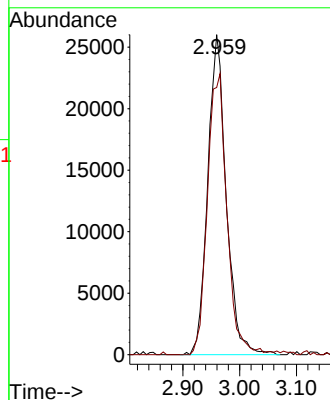
Tgt Ion: 94 Resp: 5866
Ion Ratio Lower Upper
94 100
96 83.5 73.1 109.7

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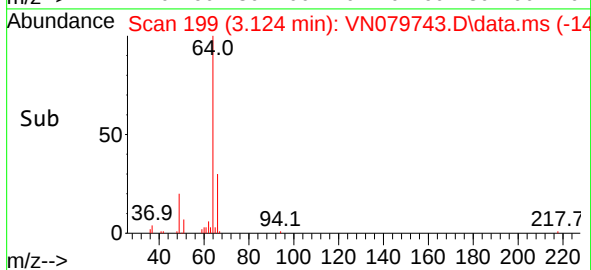
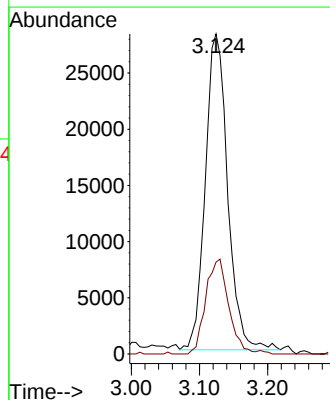
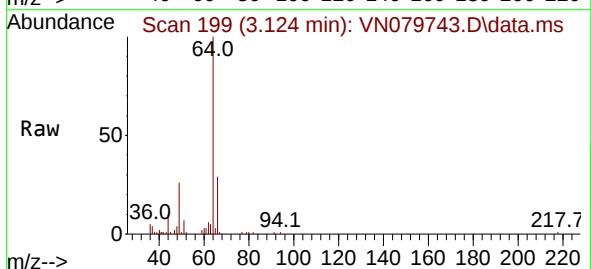
11/01/2023
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Yesilyurt

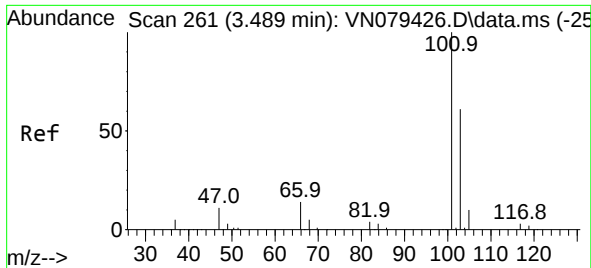
11/02/2023



#6
Chloroethane
Concen: 18.939 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Tgt Ion: 64 Resp: 64196
Ion Ratio Lower Upper
64 100
66 29.1 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 18.959 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. 0.012 min
 Lab File: VN079743.D
 Acq: 31 Oct 2023 14:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031WBSD01

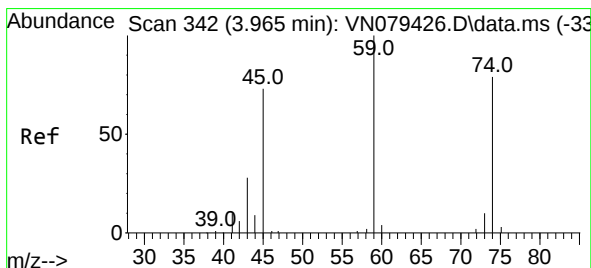
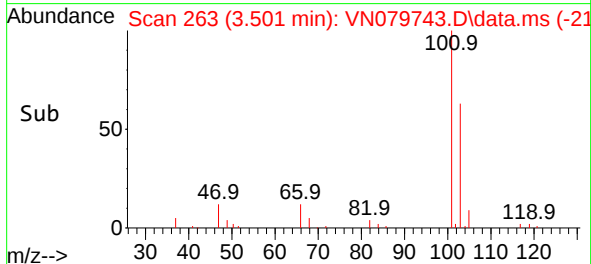
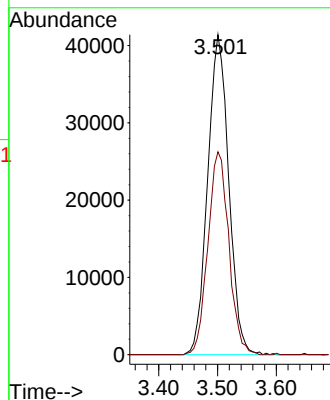
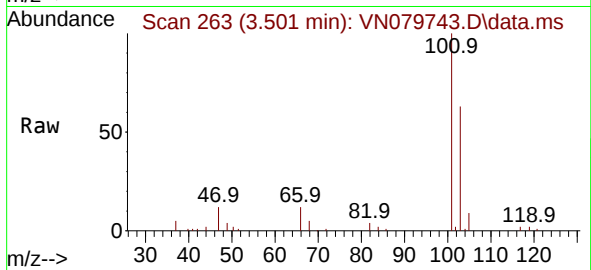
Tgt Ion:101 Resp: 10315
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.7 76.1

Manual Integrations
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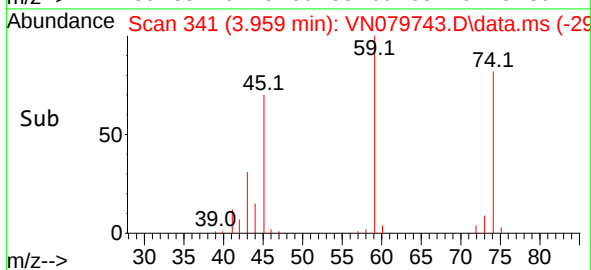
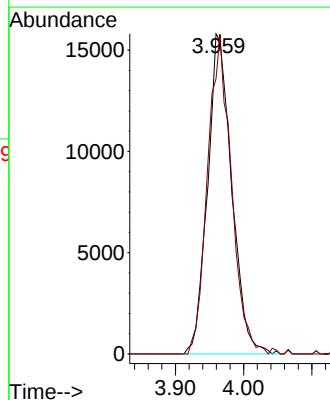
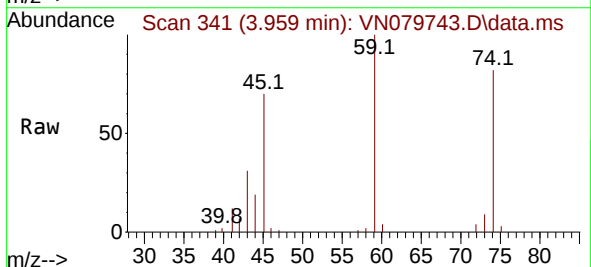
11/01/2023
 Supervised By :Semsettin
 Yesilyurt

11/02/2023



#8
 Diethyl Ether
 Concen: 19.755 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN079743.D
 Acq: 31 Oct 2023 14:55

Tgt Ion: 74 Resp: 38900
 Ion Ratio Lower Upper
 74 100
 45 98.1 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.719 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

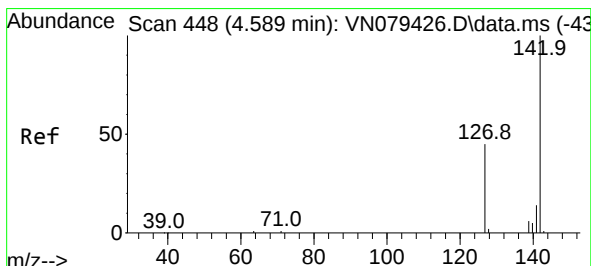
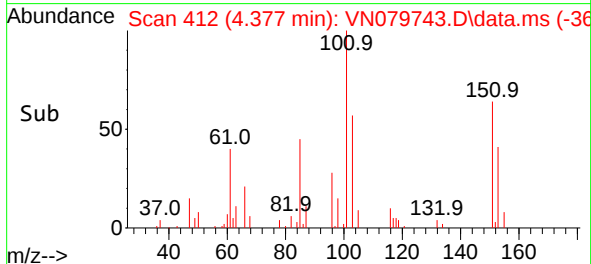
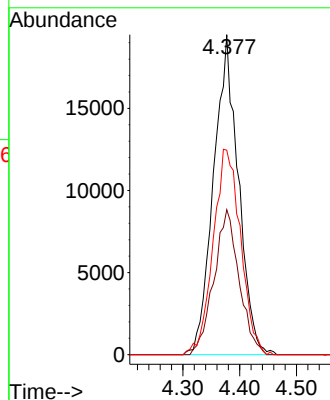
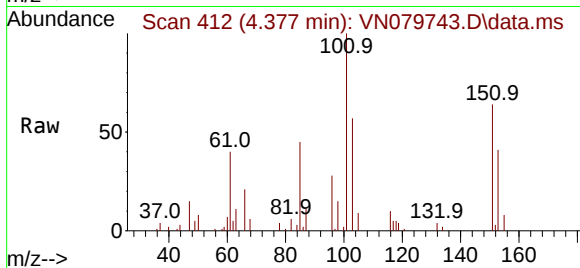
Tgt Ion:101 Resp: 5899
Ion Ratio Lower Upper
101 100
85 46.2 36.6 55.0
151 71.0 57.6 86.4

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Reviewed By :John
Carlone

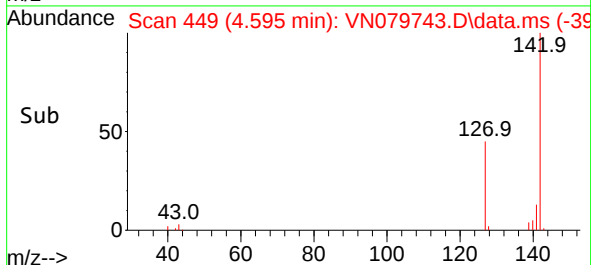
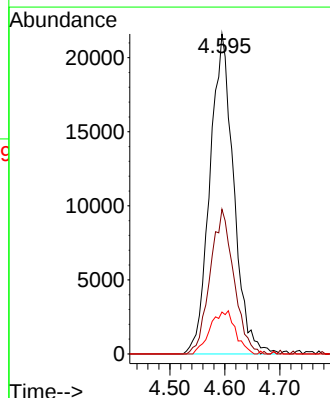
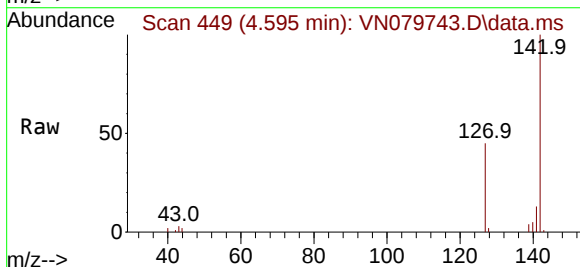
11/01/2023
Supervised By :Semsettin
Yesilyurt

11/02/2023



#10
Methyl Iodide
Concen: 20.453 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Tgt Ion:142 Resp: 64872
Ion Ratio Lower Upper
142 100
127 45.2 37.6 56.4
141 13.1 11.4 17.0





#11

Tert butyl alcohol

Concen: 91.170 ug/l

RT: 5.524 min Scan# 608

Delta R.T. -0.006 min

Lab File: VN079743.D

Acq: 31 Oct 2023 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBSD01

Tgt Ion: 59 Resp: 52172

Ion Ratio Lower Upper

59 100

57 11.1 8.2 12.4

Manual Integrations

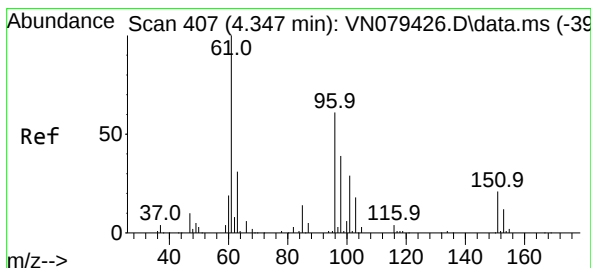
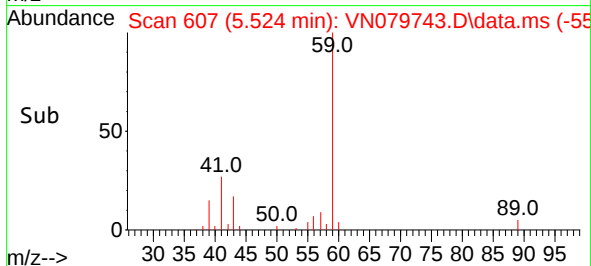
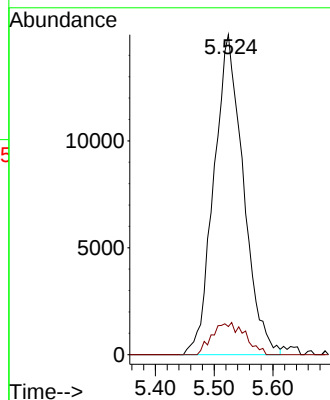
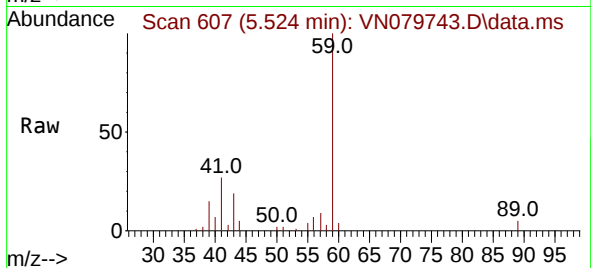
APPROVED

Reviewed By :John
Carlone

11/01/2023

Supervised By :Semsettin
Yesilyurt

11/02/2023



#12

1,1-Dichloroethene

Concen: 18.513 ug/l

RT: 4.342 min Scan# 406

Delta R.T. -0.005 min

Lab File: VN079743.D

Acq: 31 Oct 2023 14:55

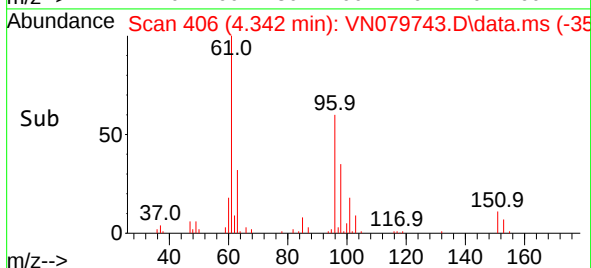
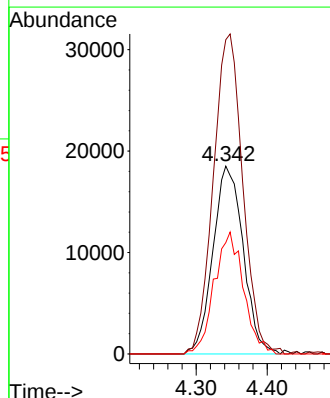
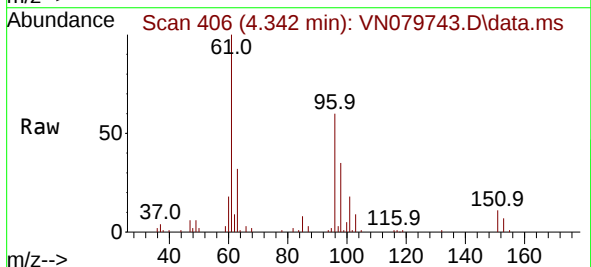
Tgt Ion: 96 Resp: 54646

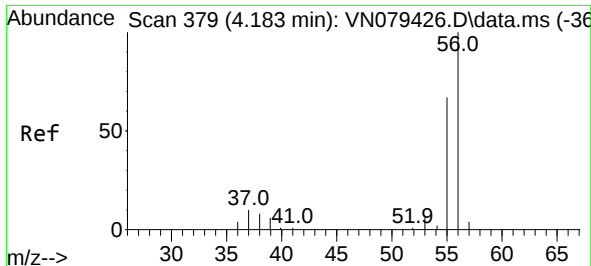
Ion Ratio Lower Upper

96 100

61 167.3 112.7 169.1

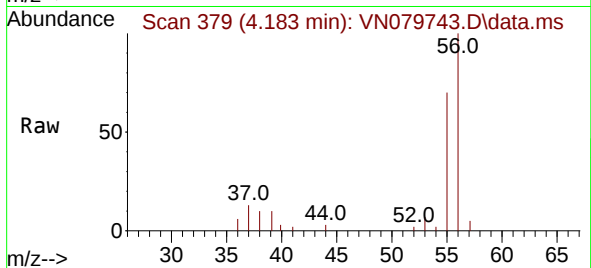
98 59.2 51.2 76.8





#13
Acrolein
Concen: 88.762 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01



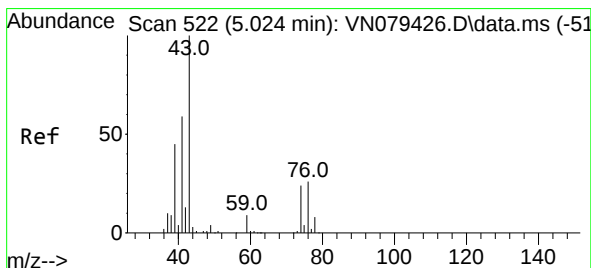
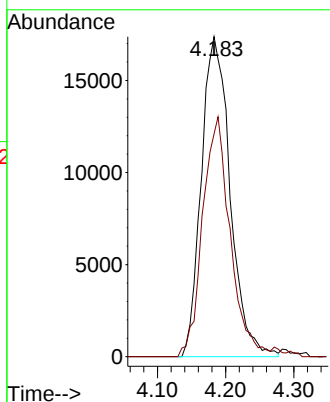
Tgt Ion: 56 Resp: 51090
Ion Ratio Lower Upper
56 100
55 71.6 54.5 81.7

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Reviewed By :John
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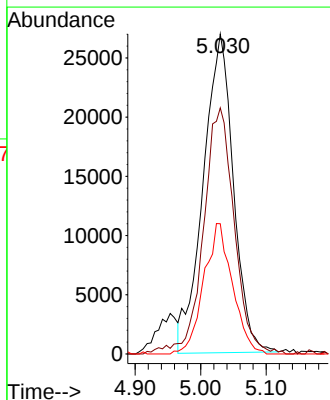
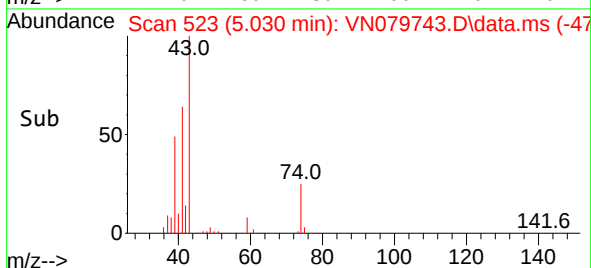
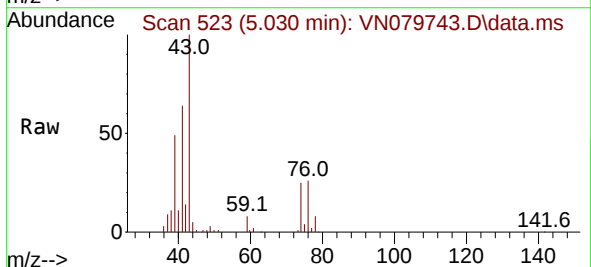
11/01/2023
Supervised By :Semsettin
Yesilyurt

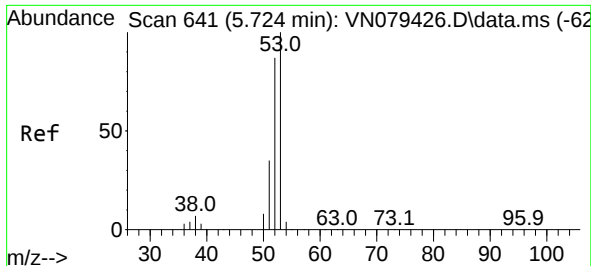
11/02/2023



#14
Allyl chloride
Concen: 17.407 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

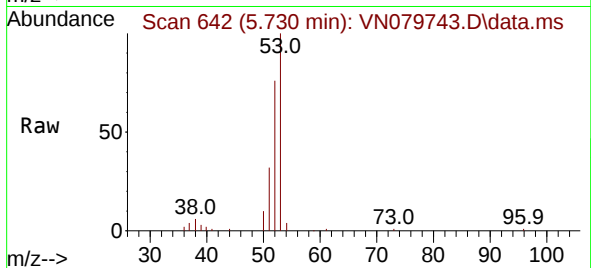
Tgt Ion: 41 Resp: 86169
Ion Ratio Lower Upper
41 100
39 78.8 58.8 88.2
76 38.8 39.1 58.7#





#15
Acrylonitrile
Concen: 97.264 ug/l
RT: 5.730 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01



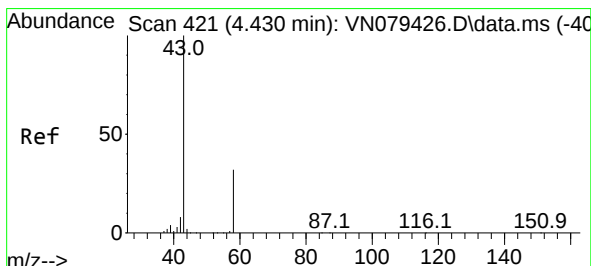
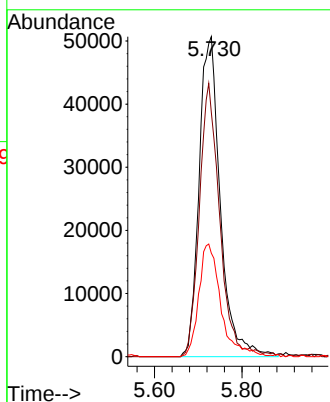
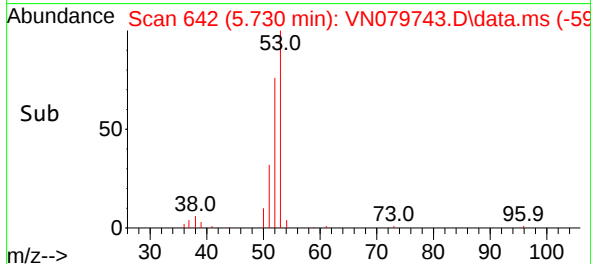
Tgt Ion: 53 Resp: 17127
Ion Ratio Lower Upper
53 100
52 82.2 65.3 97.9
51 36.6 28.9 43.3

Manual Integrations
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Reviewed By :John
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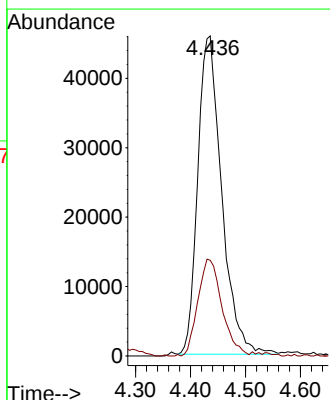
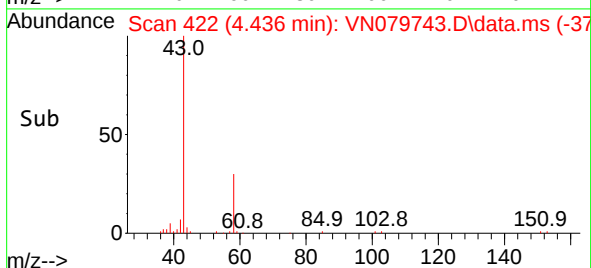
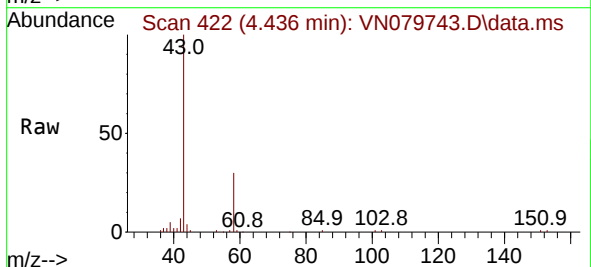
11/01/2023
Supervised By :Semsettin
Yesilyurt

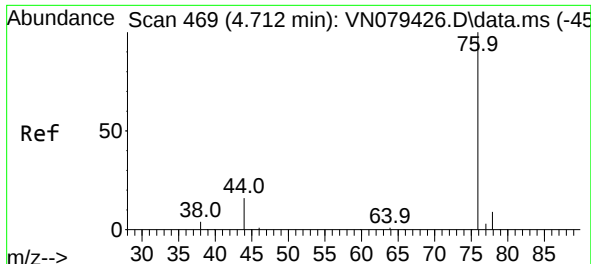
11/02/2023



#16
Acetone
Concen: 75.225 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Tgt Ion: 43 Resp: 138855
Ion Ratio Lower Upper
43 100
58 29.6 28.0 42.0





#17
Carbon Disulfide
Concen: 17.462 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

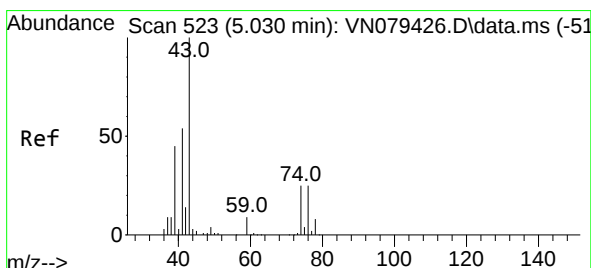
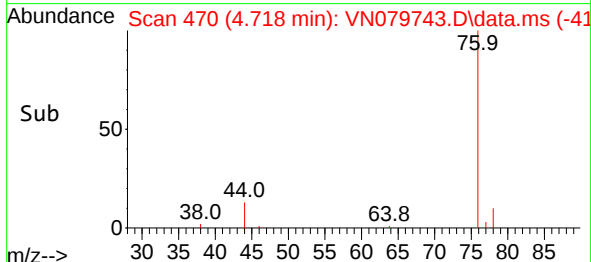
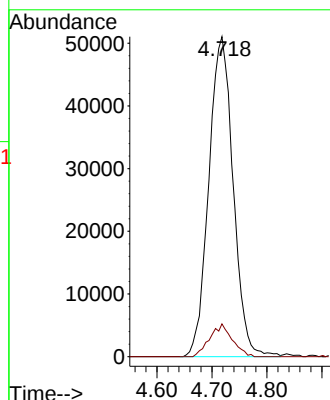
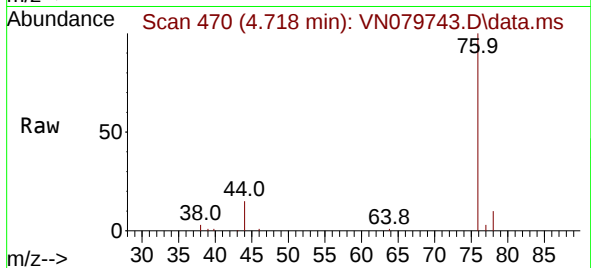
Tgt Ion: 76 Resp: 157400
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.0

Manual Integrations
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Reviewed By :John
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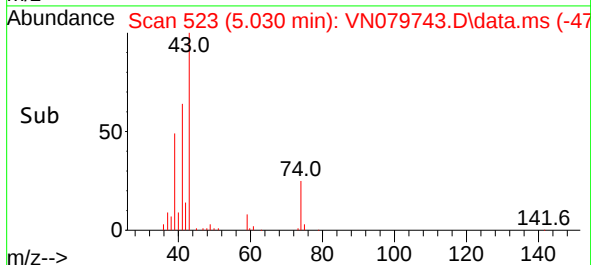
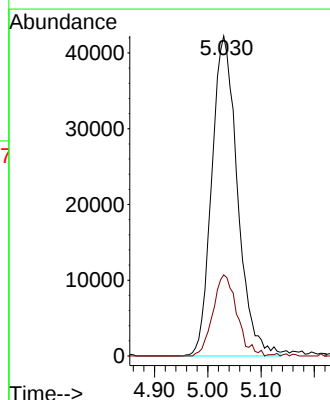
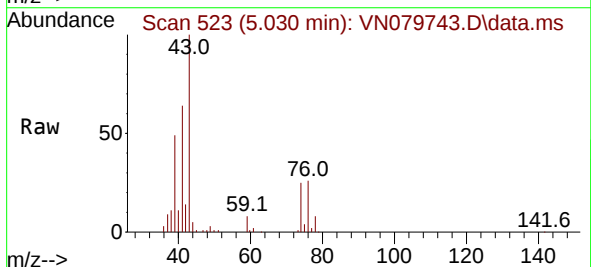
11/01/2023
Supervised By :Semsettin
Yesilyurt

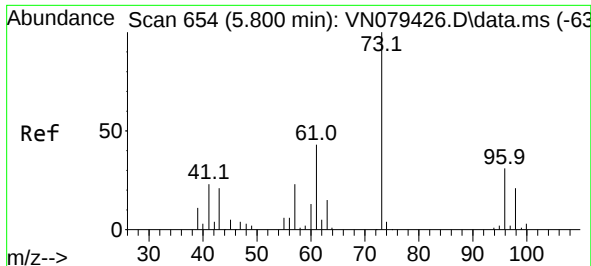
11/02/2023



#18
Methyl Acetate
Concen: 19.013 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Tgt Ion: 43 Resp: 141593
Ion Ratio Lower Upper
43 100
74 23.7 26.2 39.4#





#19
Methyl tert-butyl Ether
Concen: 19.469 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

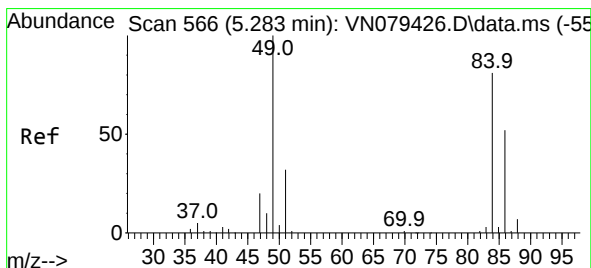
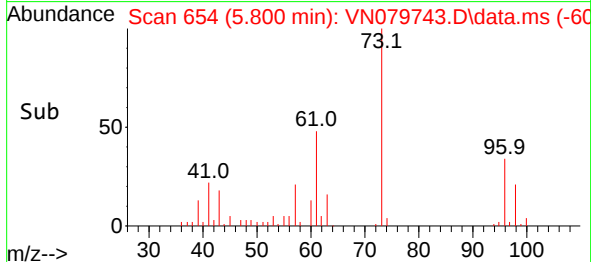
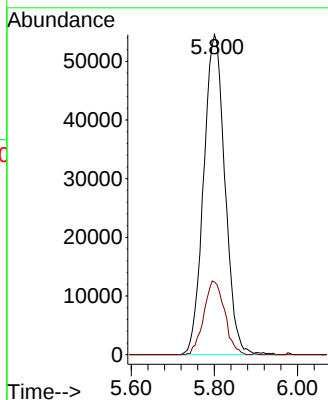
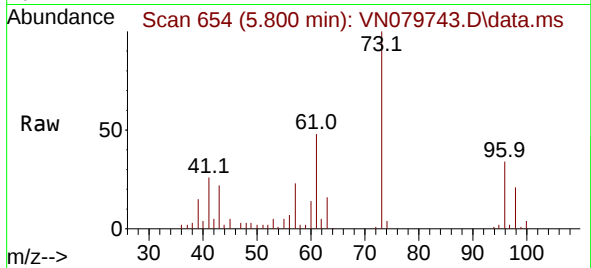
Tgt Ion: 73 Resp: 194450
Ion Ratio Lower Upper
73 100
57 22.7 15.6 23.4

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Reviewed By :John
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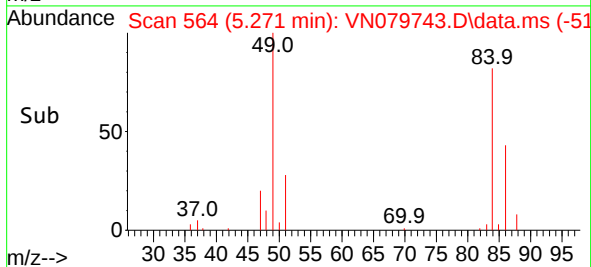
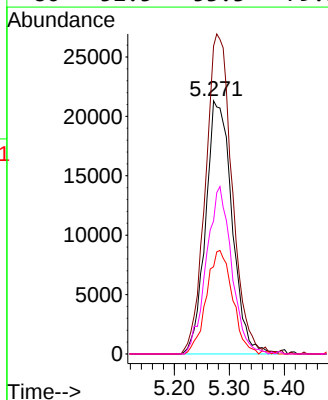
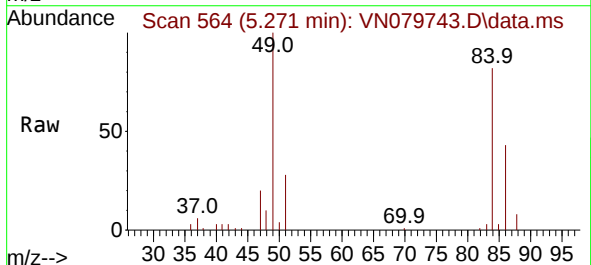
11/01/2023
Supervised By :Semsettin
Yesilyurt

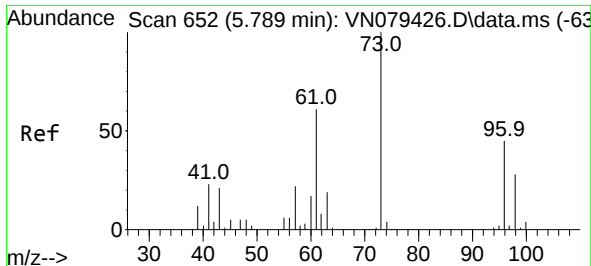
11/02/2023



#20
Methylene Chloride
Concen: 19.421 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.012 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

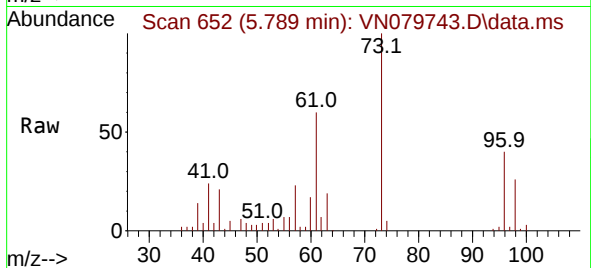
Tgt Ion: 84 Resp: 70988
Ion Ratio Lower Upper
84 100
49 121.6 79.7 119.5#
51 34.4 25.2 37.8
86 52.5 53.3 79.9#





#21
trans-1,2-Dichloroethene
Concen: 18.503 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01



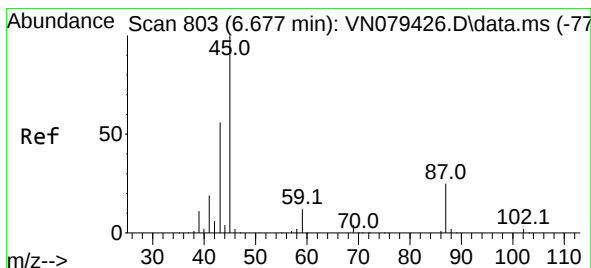
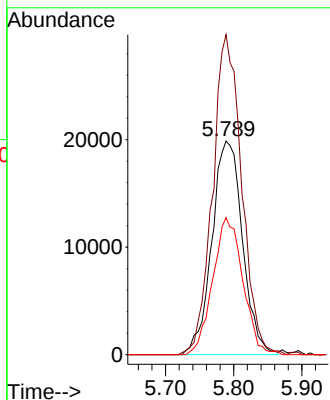
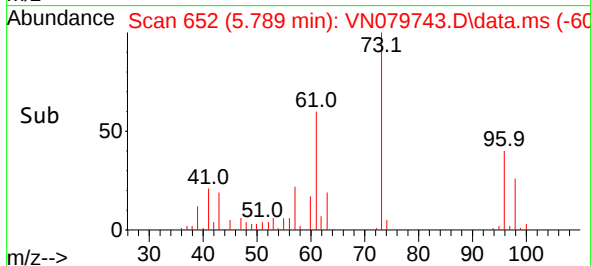
Tgt Ion: 96 Resp: 61994
Ion Ratio Lower Upper
96 100
61 149.8 90.1 135.1#
98 64.2 46.4 69.6

Manual Integrations
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Reviewed By :John
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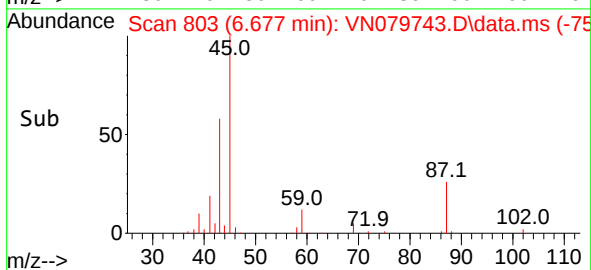
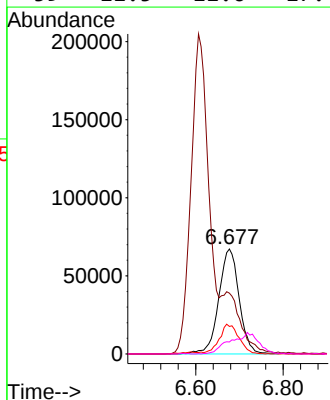
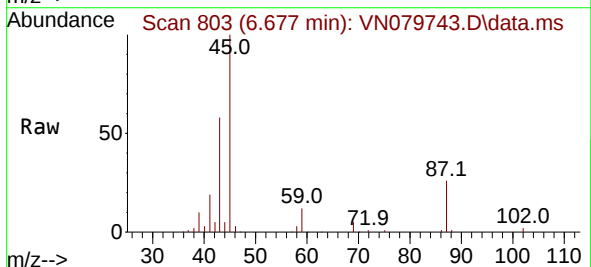
11/01/2023
Supervised By :Semsettin
Yesilyurt

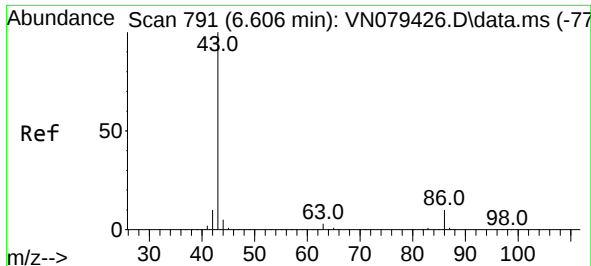
11/02/2023



#22
Diisopropyl ether
Concen: 19.538 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

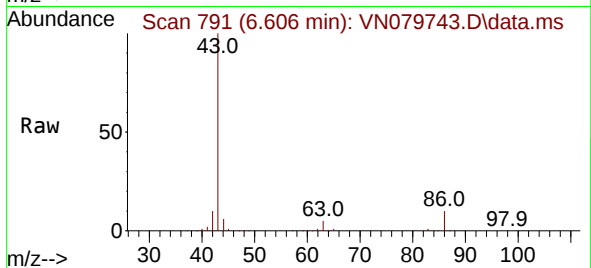
Tgt Ion: 45 Resp: 217436
Ion Ratio Lower Upper
45 100
43 56.1 45.5 68.3
87 26.2 31.8 47.8#
59 11.5 11.6 17.4#





#23
 Vinyl Acetate
 Concen: 93.833 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079743.D
 Acq: 31 Oct 2023 14:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031WBSD01



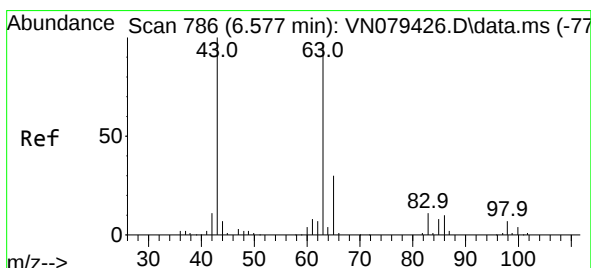
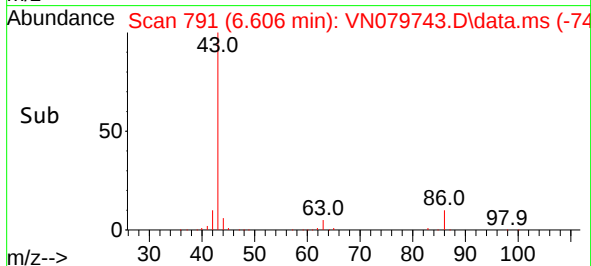
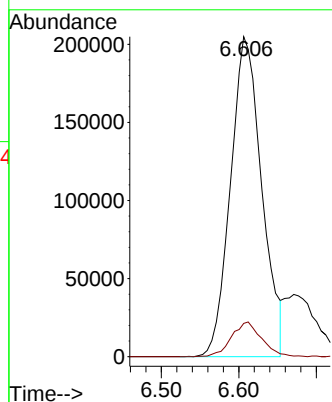
Tgt Ion: 43 Resp: 574932
 Ion Ratio Lower Upper
 43 100
 86 10.4 13.0 19.6

Manual Integrations
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Reviewed By :John
 Carlone

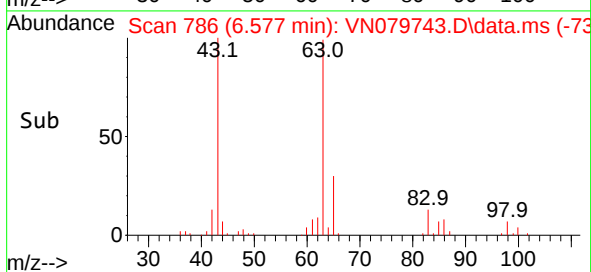
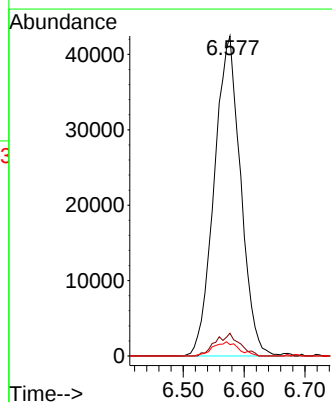
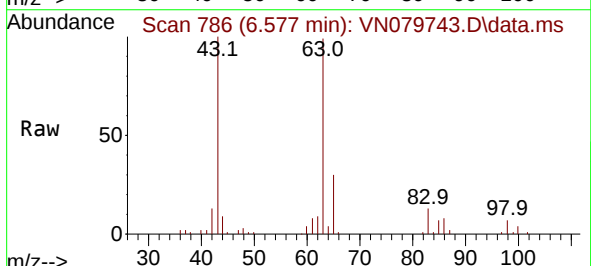
11/01/2023
 Supervised By :Semsettin
 Yesilyurt

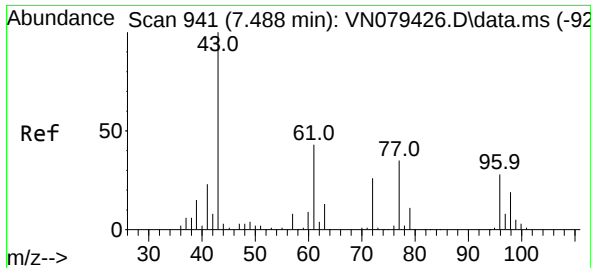
11/02/2023



#24
 1,1-Dichloroethane
 Concen: 19.111 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN079743.D
 Acq: 31 Oct 2023 14:55

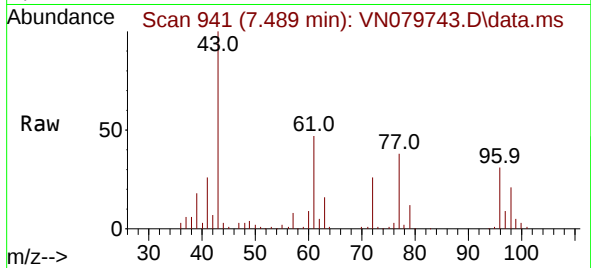
Tgt Ion: 63 Resp: 127446
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.7
 100 3.6 2.5 7.4





#25
2-Butanone
Concen: 86.633 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01



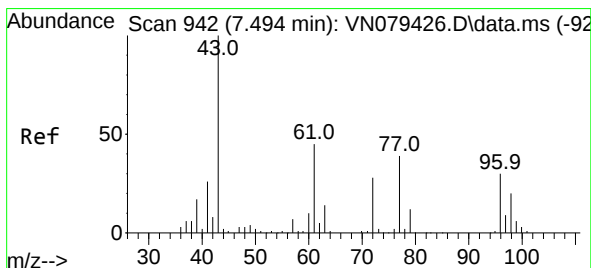
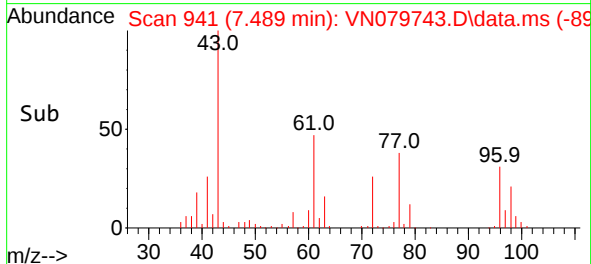
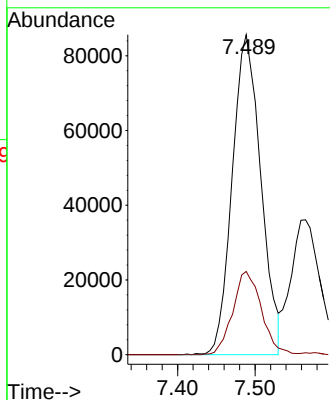
Tgt Ion: 43 Resp: 21965
Ion Ratio Lower Upper
43 100
72 26.0 30.2 45.2

Manual Integrations
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Reviewed By :John
Carlone

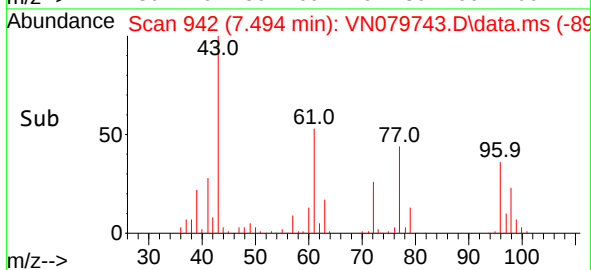
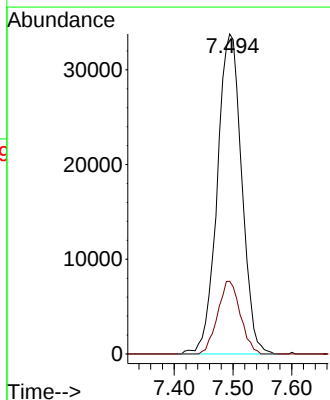
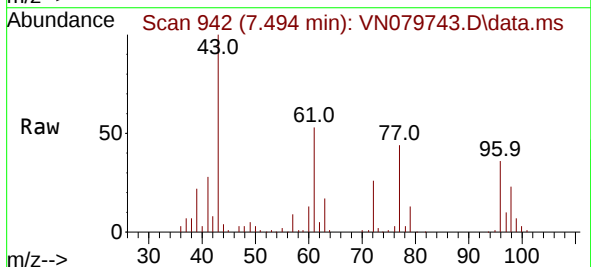
11/01/2023
Supervised By :Semsettin
Yesilyurt

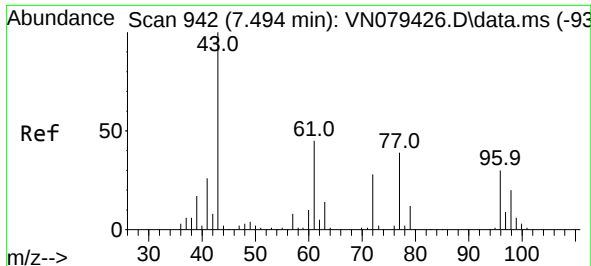
11/02/2023



#26
2,2-Dichloropropane
Concen: 18.068 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

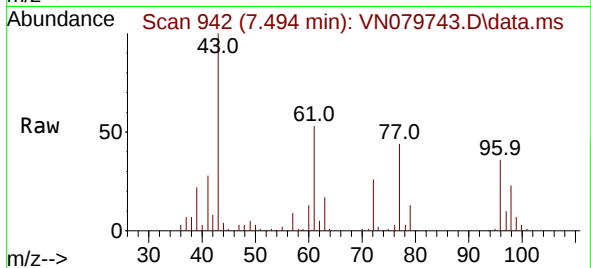
Tgt Ion: 77 Resp: 97498
Ion Ratio Lower Upper
77 100
97 21.1 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.138 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN079743.D
 Acq: 31 Oct 2023 14:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031WBSD01



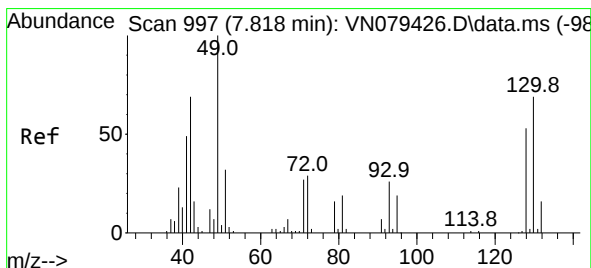
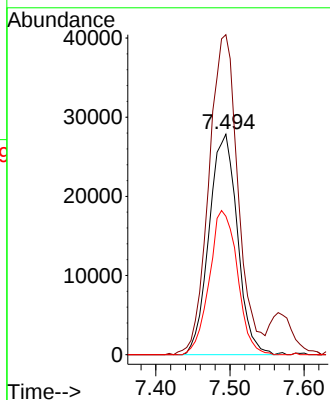
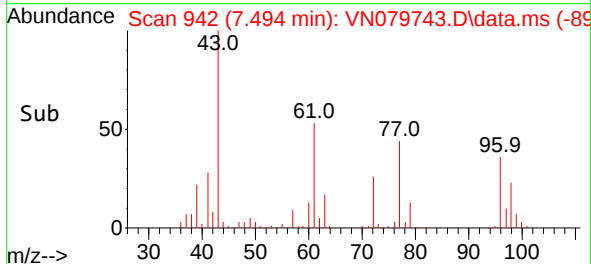
Tgt Ion: 96 Resp: 73830
 Ion Ratio Lower Upper
 96 100
 61 150.2 0.0 255.2
 98 64.9 0.0 128.8

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

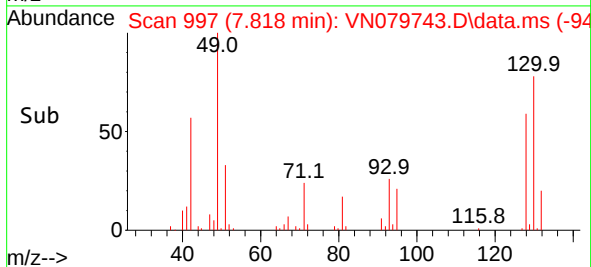
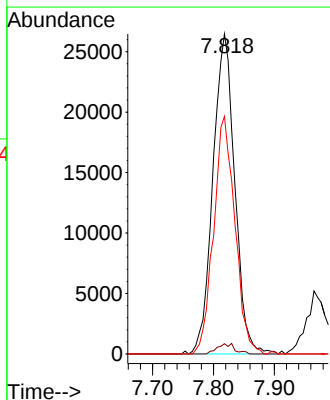
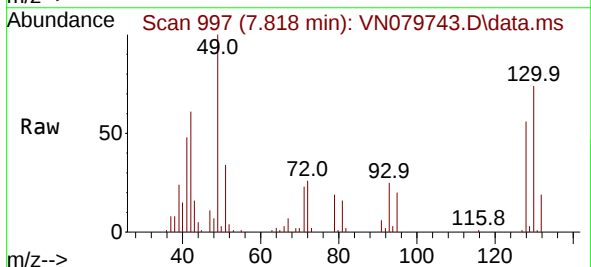
11/01/2023
 Supervised By :Semsettin
 Yesilyurt

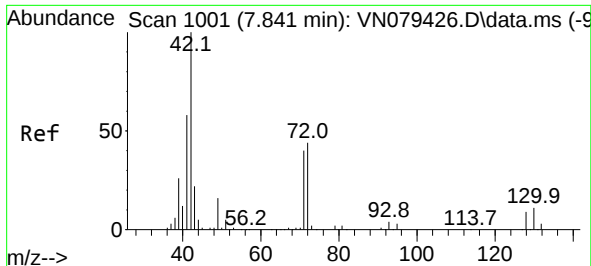
11/02/2023



#28
 Bromochloromethane
 Concen: 20.231 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN079743.D
 Acq: 31 Oct 2023 14:55

Tgt Ion: 49 Resp: 65991
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.8
 130 72.2 75.3 112.9#





#29

Tetrahydrofuran

Concen: 95.827 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079743.D

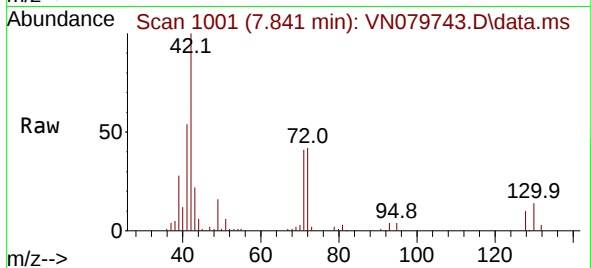
Acq: 31 Oct 2023 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBSD01



Tgt Ion: 42 Resp: 148436

Ion	Ratio	Lower	Upper
42	100		
72	42.8	49.8	74.6
71	39.9	47.4	71.2

Manual Integrations

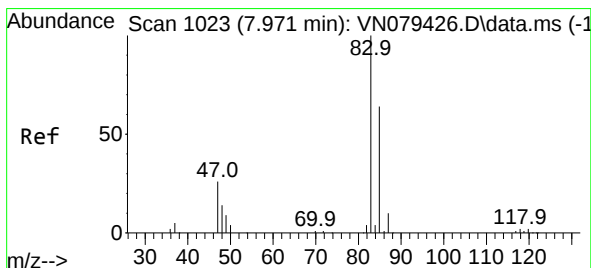
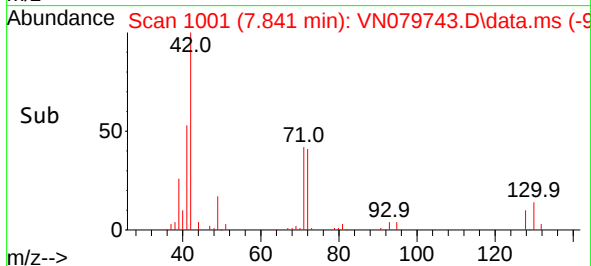
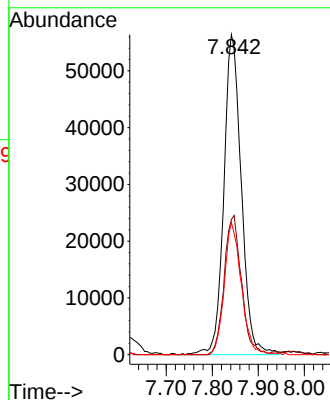
APPROVED

Reviewed By :John
Carlone

11/01/2023

Supervised By :Semsettin
Yesilyurt

11/02/2023



#30

Chloroform

Concen: 19.351 ug/l

RT: 7.965 min Scan# 1022

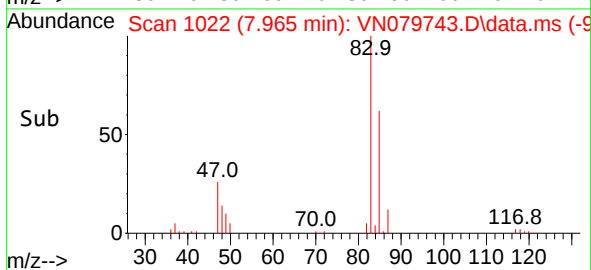
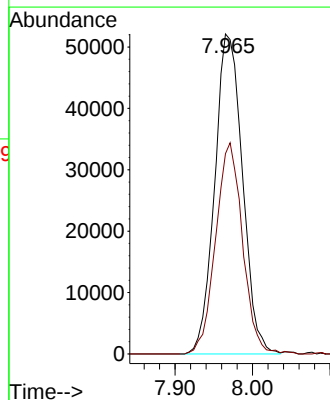
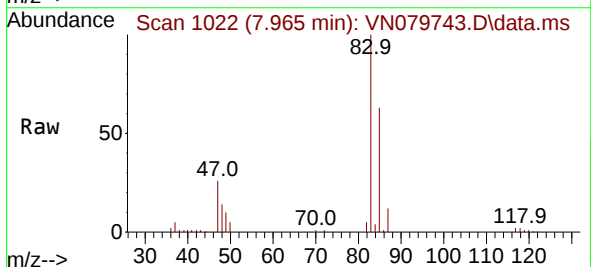
Delta R.T. -0.006 min

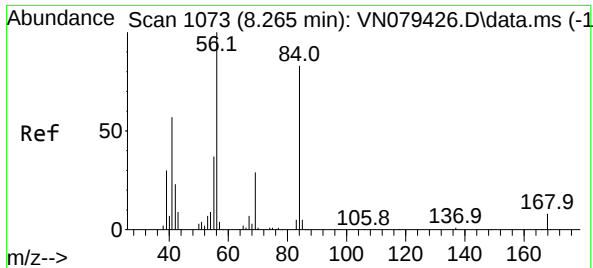
Lab File: VN079743.D

Acq: 31 Oct 2023 14:55

Tgt Ion: 83 Resp: 129944

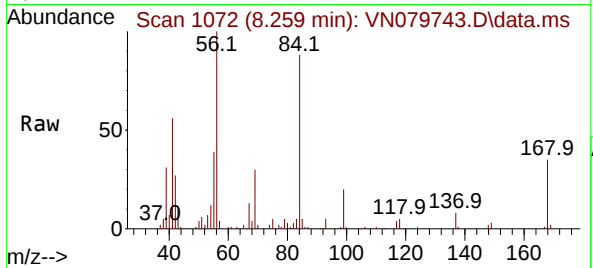
Ion	Ratio	Lower	Upper
83	100		
85	62.6	55.4	83.0





#31
Cyclohexane
Concen: 18.086 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01



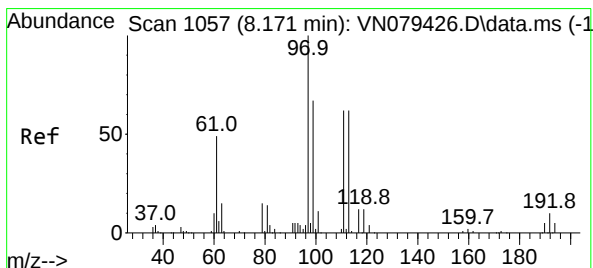
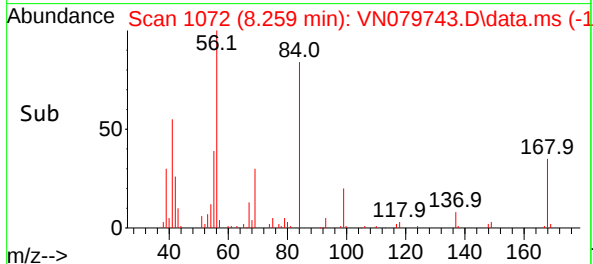
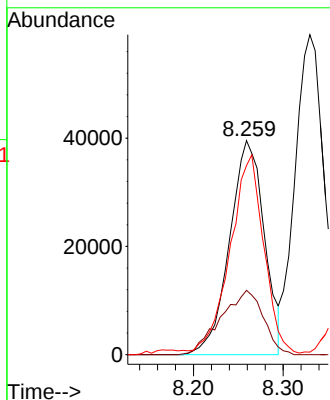
Tgt Ion: 56 Resp: 106458
Ion Ratio Lower Upper
56 100
69 30.0 26.8 40.2
84 86.5 81.8 122.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

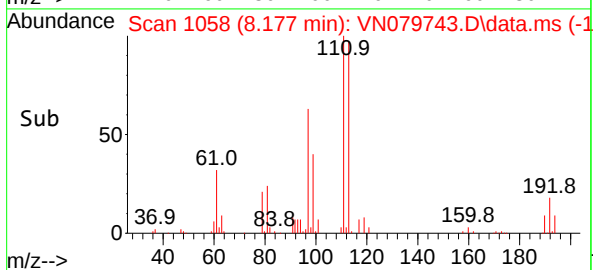
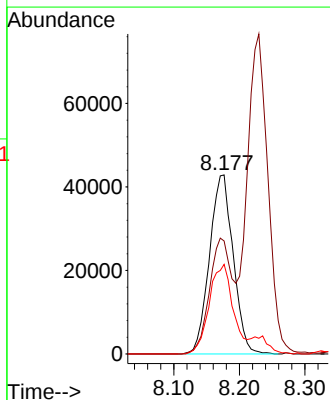
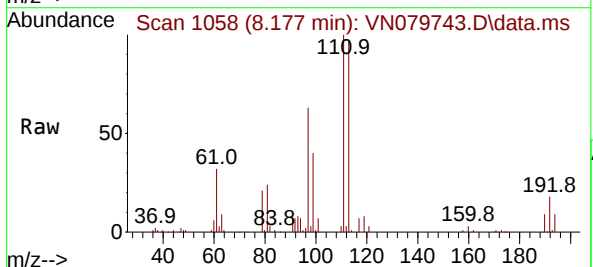
11/01/2023
Supervised By :Semsettin
Yesilyurt

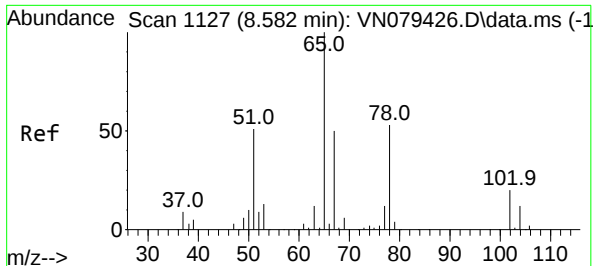
11/02/2023



#32
1,1,1-Trichloroethane
Concen: 18.461 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Tgt Ion: 97 Resp: 107469
Ion Ratio Lower Upper
97 100
99 62.1 50.3 75.5
61 50.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.023 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN079743.D

Acq: 31 Oct 2023 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBSD01

Tgt Ion: 65 Resp: 220130

Ion Ratio Lower Upper

65 100

67 53.5 0.0 106.6

Manual Integrations

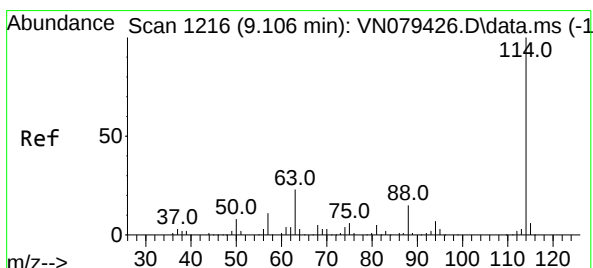
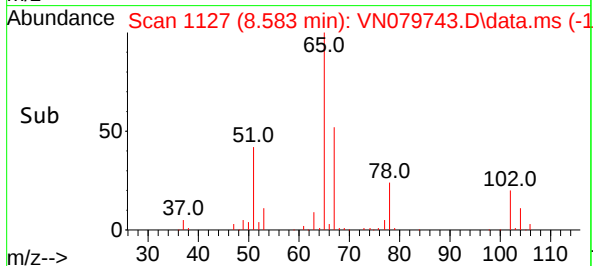
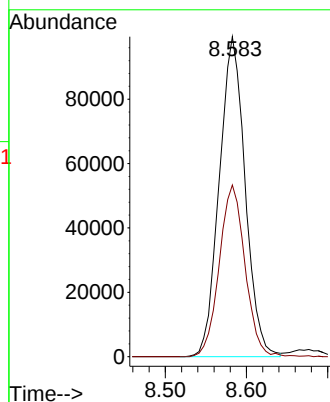
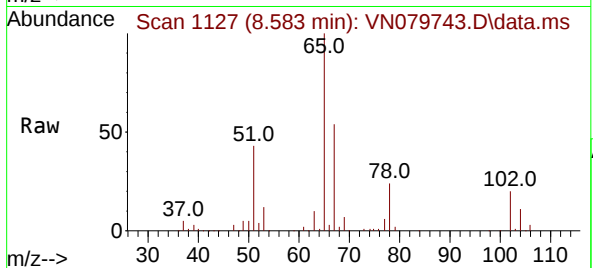
APPROVED

Reviewed By :John
Carlone

11/01/2023

Supervised By :Semsettin
Yesilyurt

11/02/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079743.D

Acq: 31 Oct 2023 14:55

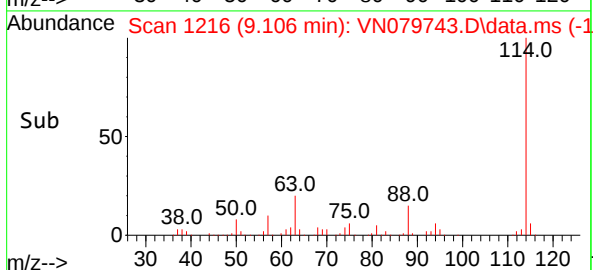
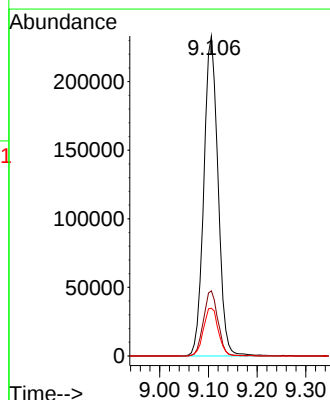
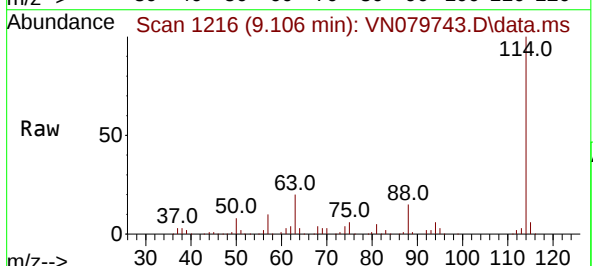
Tgt Ion:114 Resp: 472338

Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

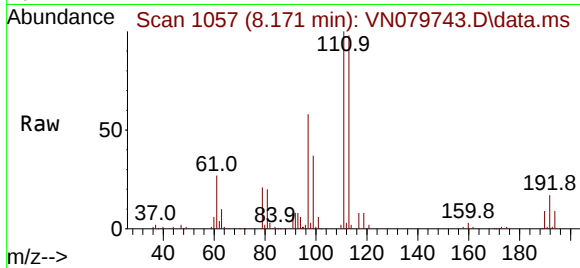
88 14.9 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.037 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01



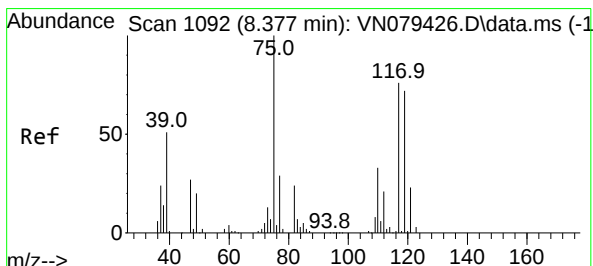
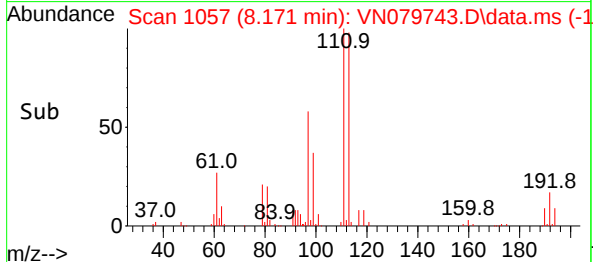
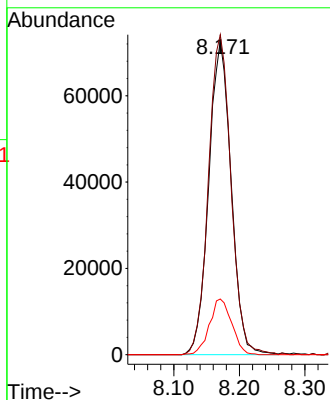
Tgt Ion: 113 Resp: 172254
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 17.6 12.7 19.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

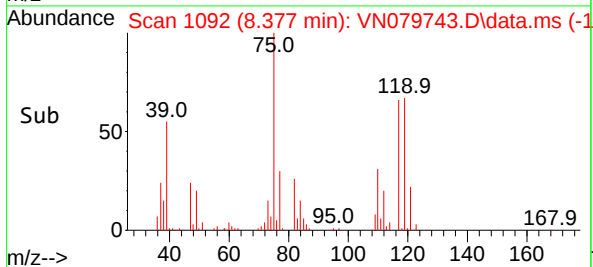
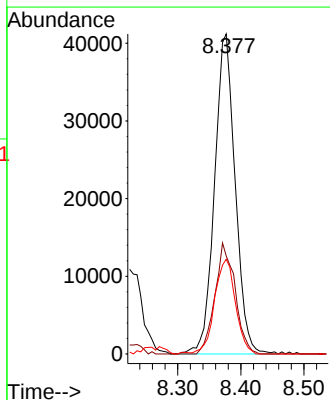
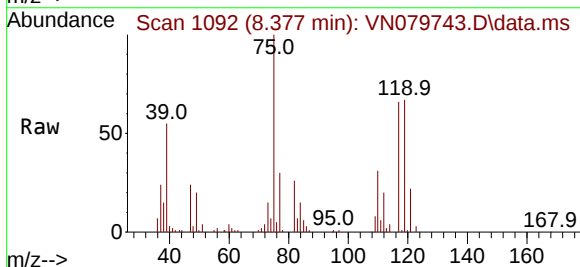
11/01/2023
Supervised By :Semsettin
Yesilyurt

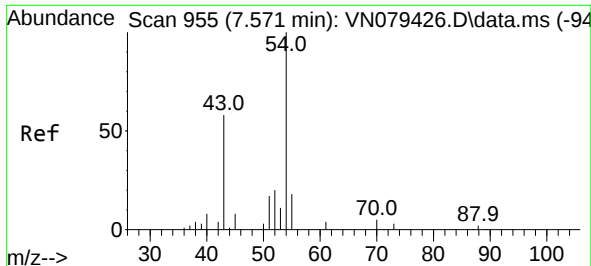
11/02/2023



#36
1,1-Dichloropropene
Concen: 18.693 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Tgt Ion: 75 Resp: 93598
Ion Ratio Lower Upper
75 100
110 33.9 19.1 57.3
77 30.2 25.0 37.4





#37

Ethyl Acetate

Concen: 19.781 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079743.D

Acq: 31 Oct 2023 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBSD01

Tgt Ion: 43 Resp: 9817

Ion	Ratio	Lower	Upper
43	100		
61	11.5	13.2	19.8
70	9.4	11.3	16.9

Manual Integrations

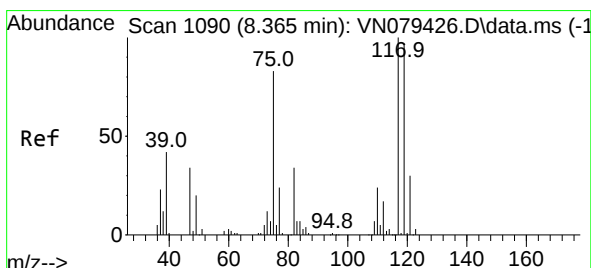
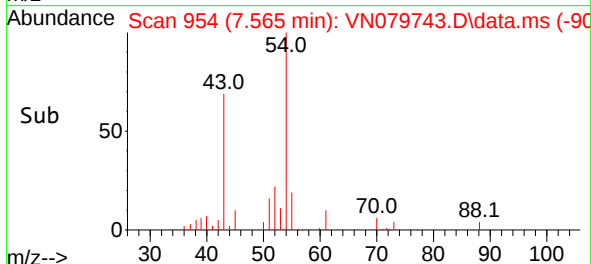
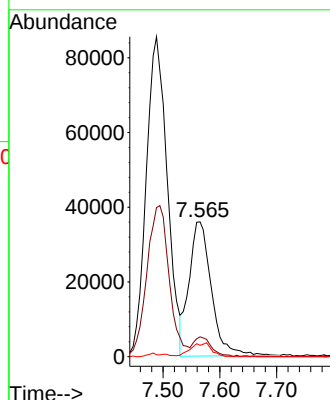
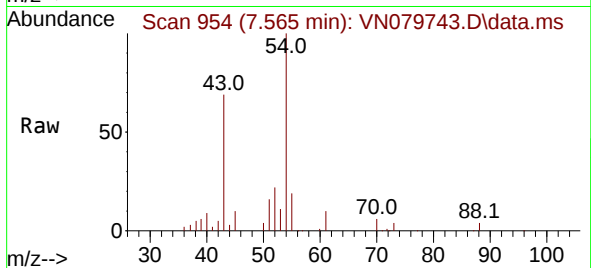
APPROVED

Reviewed By :John
Carlone

11/01/2023

Supervised By :Semsettin
Yesilyurt

11/02/2023



#38

Carbon Tetrachloride

Concen: 18.326 ug/l

RT: 8.365 min Scan# 1090

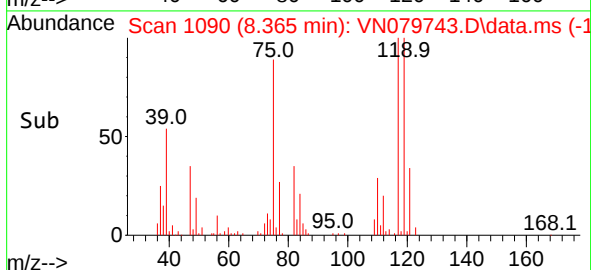
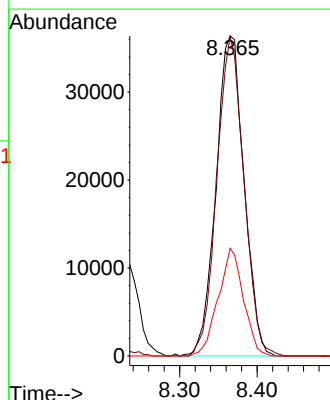
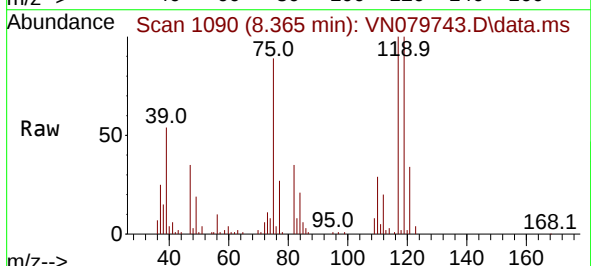
Delta R.T. 0.000 min

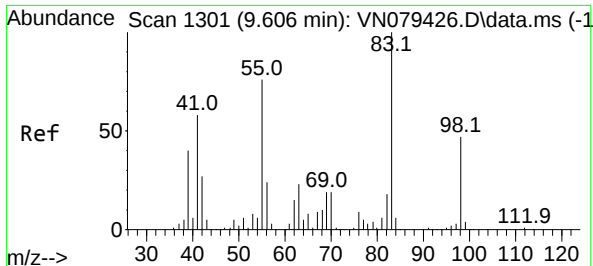
Lab File: VN079743.D

Acq: 31 Oct 2023 14:55

Tgt Ion:117 Resp: 91503

Ion	Ratio	Lower	Upper
117	100		
119	99.7	77.3	115.9
121	33.6	23.3	34.9





#39

Methylcyclohexane

Concen: 17.538 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.006 min

Lab File: VN079743.D

Acq: 31 Oct 2023 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBSD01

Tgt Ion: 83 Resp: 87344

Ion	Ratio	Lower	Upper
83	100		
55	76.7	49.1	73.7
98	44.9	40.6	61.0

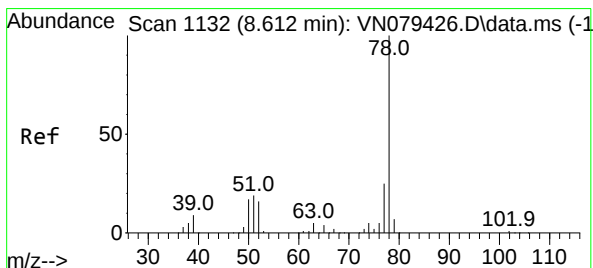
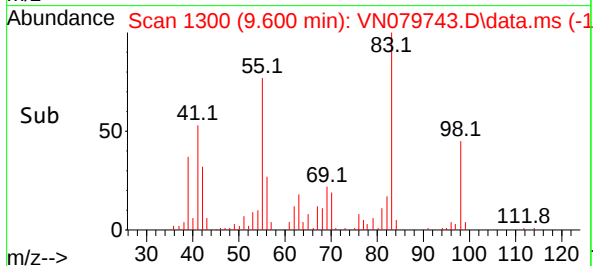
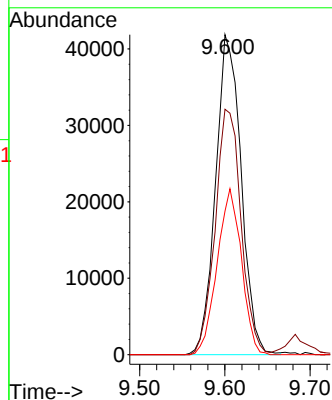
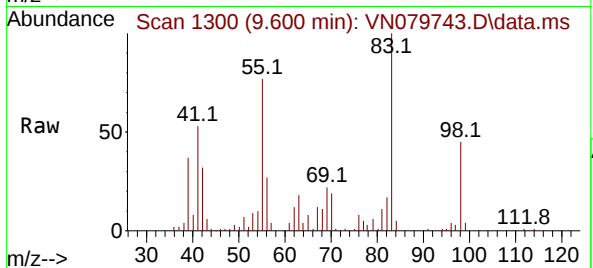
Manual Integrations
APPROVED

Reviewed By :John
Carlone

11/01/2023

Supervised By :Semsettin
Yesilyurt

11/02/2023



#40

Benzene

Concen: 19.645 ug/l

RT: 8.612 min Scan# 1132

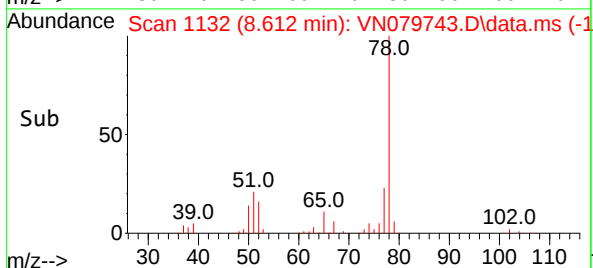
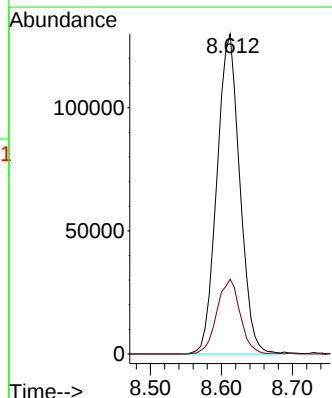
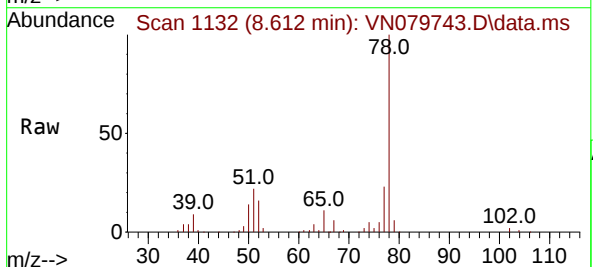
Delta R.T. 0.000 min

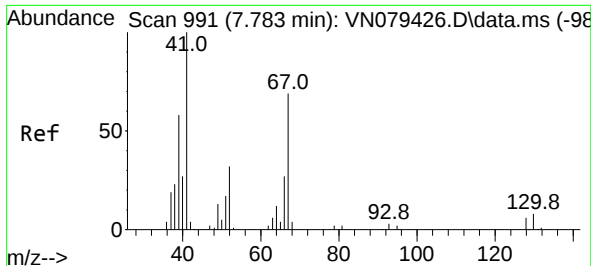
Lab File: VN079743.D

Acq: 31 Oct 2023 14:55

Tgt Ion: 78 Resp: 290305

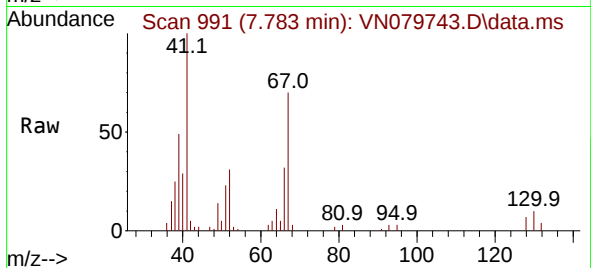
Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.6





#41
Methacrylonitrile
Concen: 19.348 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01



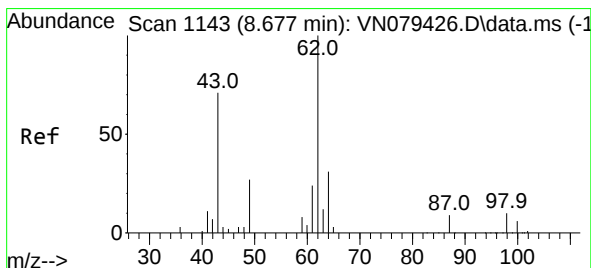
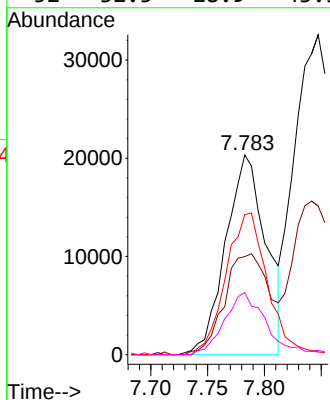
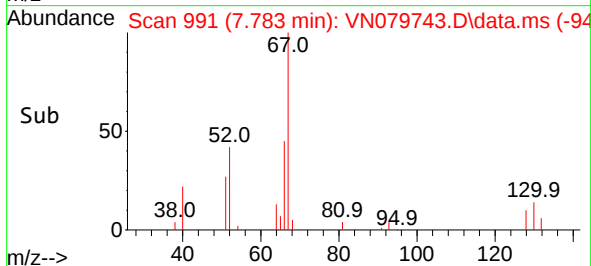
Tgt Ion: 41 Resp: 5008
Ion Ratio Lower Upper
41 100
39 56.2 42.6 64.0
67 73.1 77.5 116.3
52 32.5 28.9 43.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

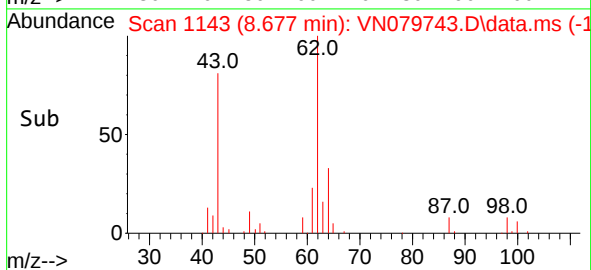
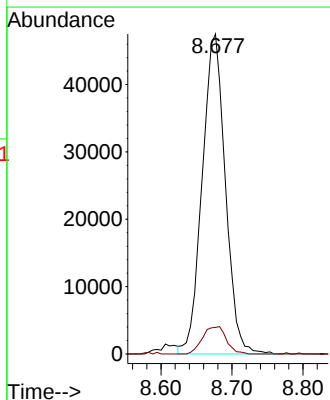
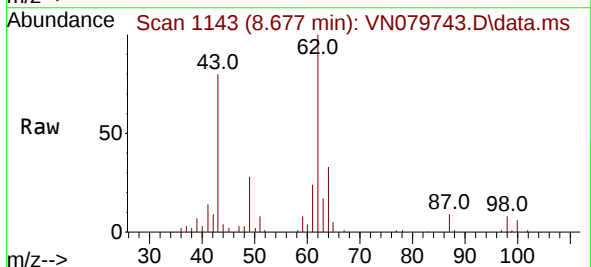
11/01/2023
Supervised By :Semsettin
Yesilyurt

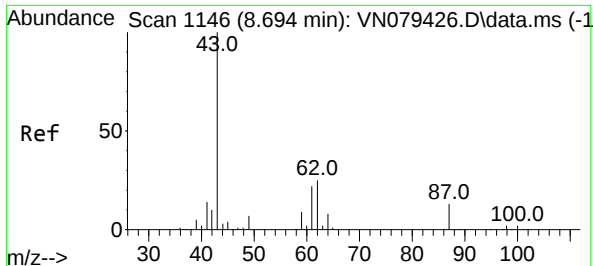
11/02/2023



#42
1,2-Dichloroethane
Concen: 20.073 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

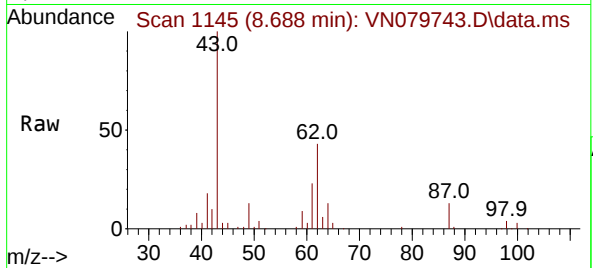
Tgt Ion: 62 Resp: 107736
Ion Ratio Lower Upper
62 100
98 8.8 0.0 19.8





#43
Isopropyl Acetate
Concen: 19.041 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01



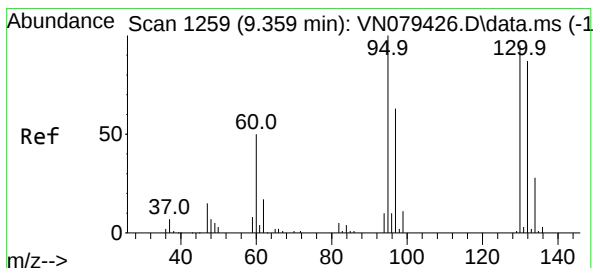
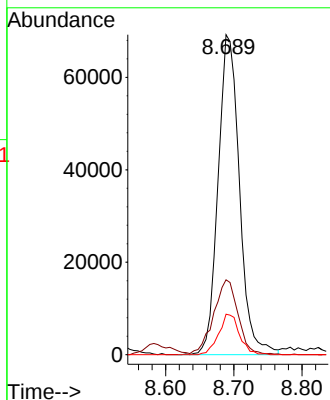
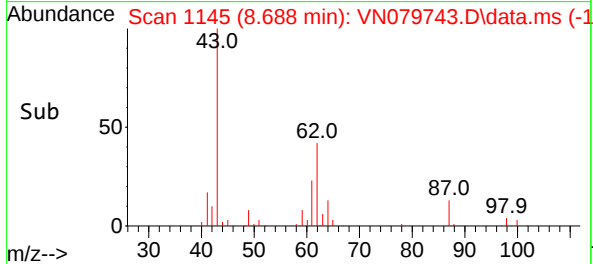
Tgt Ion: 43 Resp: 151072
Ion Ratio Lower Upper
43 100
61 26.7 24.7 37.1
87 12.2 14.6 21.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

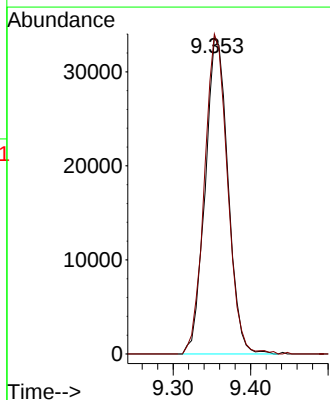
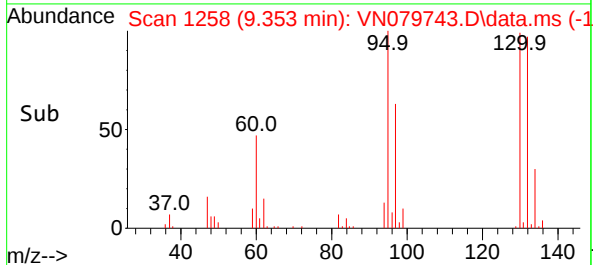
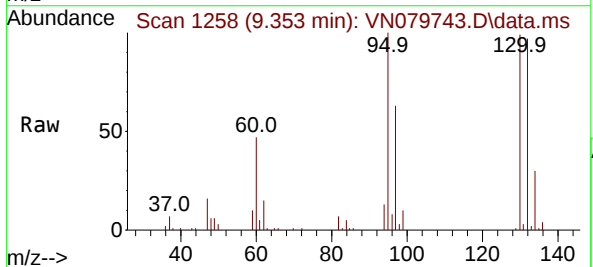
11/01/2023
Supervised By :Semsettin
Yesilyurt

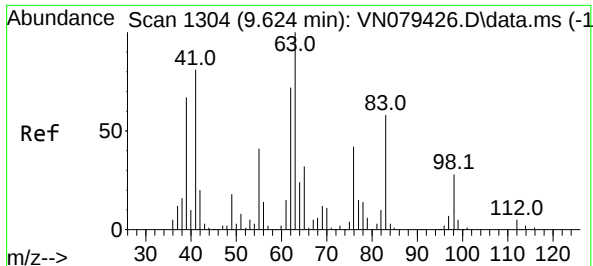
11/02/2023



#44
Trichloroethene
Concen: 19.283 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Tgt Ion:130 Resp: 69028
Ion Ratio Lower Upper
130 100
95 101.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.761 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079743.D

Acq: 31 Oct 2023 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBSD01

Tgt Ion: 63 Resp: 7755

Ion Ratio Lower Upper

63 100

65 31.7 23.9 35.9

Manual Integrations

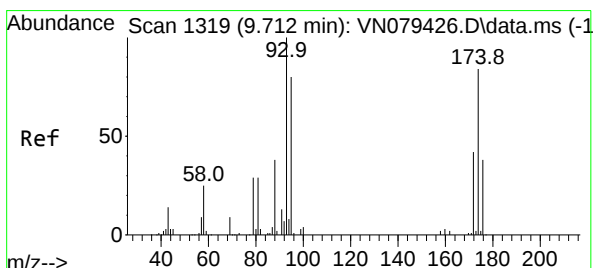
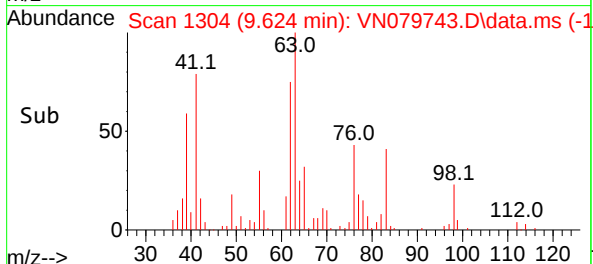
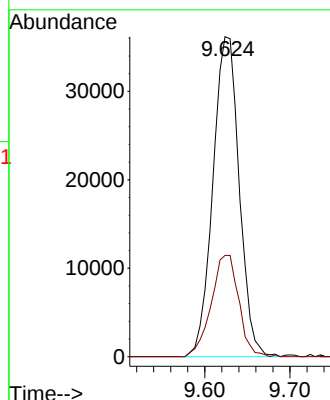
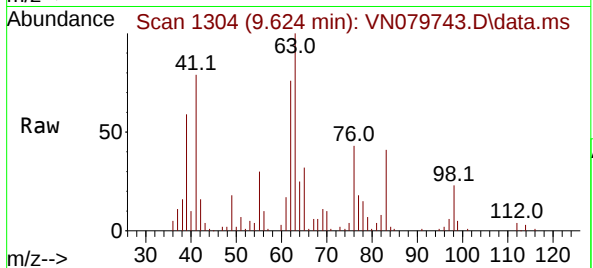
APPROVED

Reviewed By :John
Carlone

11/01/2023

Supervised By :Semsettin
Yesilyurt

11/02/2023



#46

Dibromomethane

Concen: 18.985 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079743.D

Acq: 31 Oct 2023 14:55

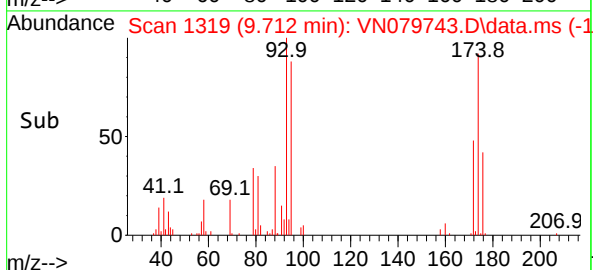
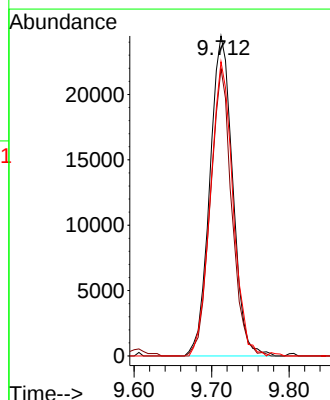
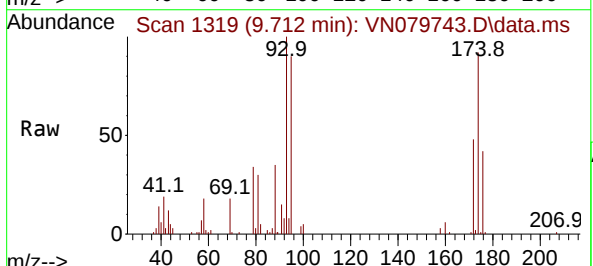
Tgt Ion: 93 Resp: 50256

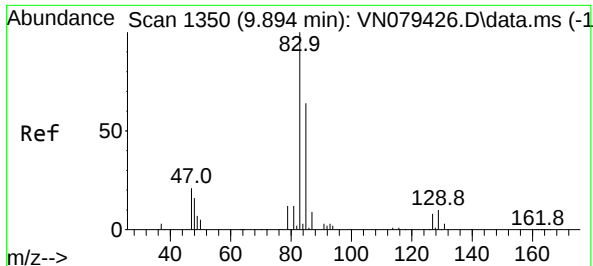
Ion Ratio Lower Upper

93 100

95 83.8 63.8 95.8

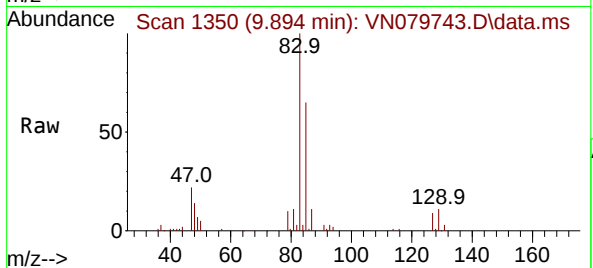
174 90.1 65.6 98.4





#47
Bromodichloromethane
Concen: 19.338 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01



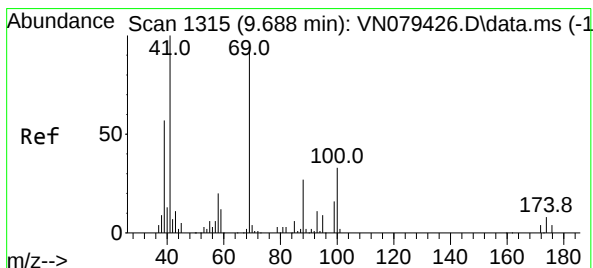
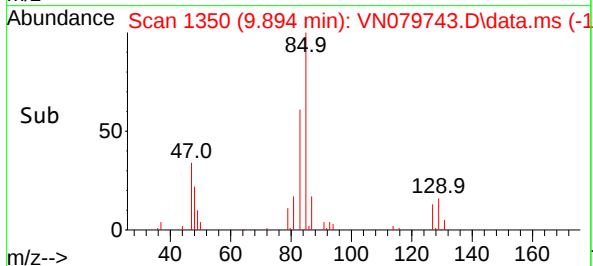
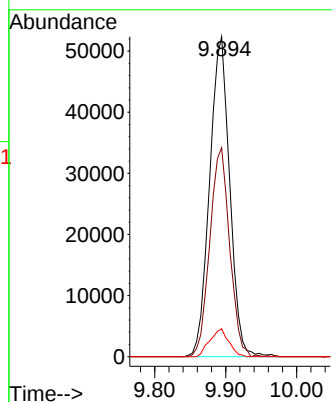
Tgt Ion: 83 Resp: 10269
Ion Ratio Lower Upper
83 100
85 65.3 49.6 74.4
127 8.8 7.0 10.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

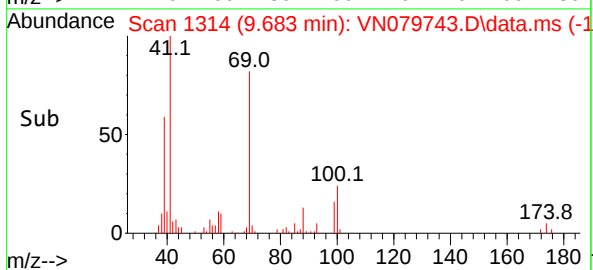
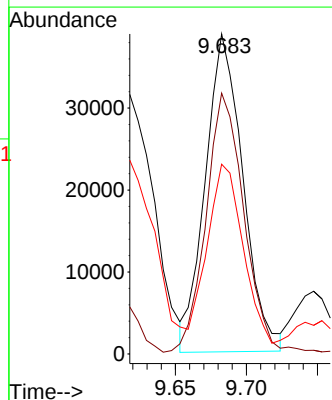
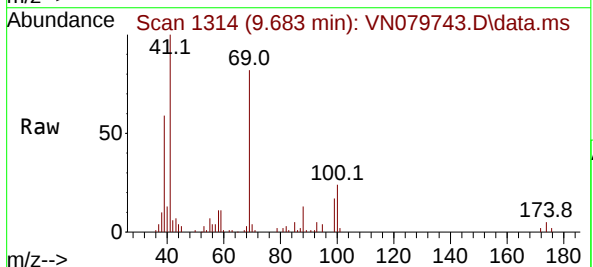
11/01/2023
Supervised By :Semsettin
Yesilyurt

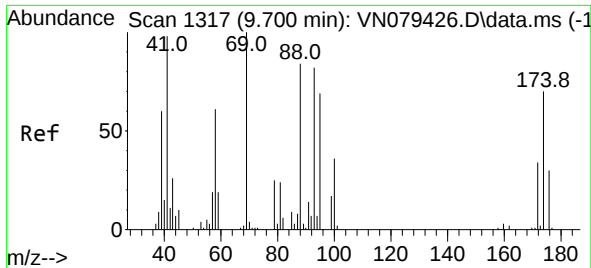
11/02/2023



#48
Methyl methacrylate
Concen: 19.392 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. -0.005 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

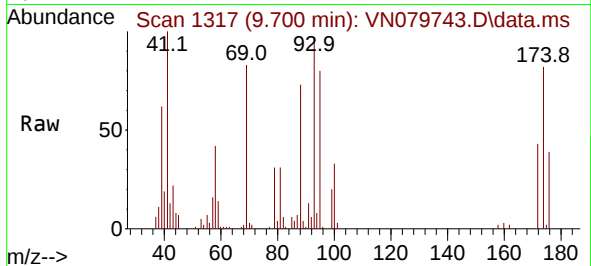
Tgt Ion: 41 Resp: 71332
Ion Ratio Lower Upper
41 100
69 82.5 90.4 135.6#
39 59.3 54.6 81.8





#49
1,4-Dioxane
Concen: 390.947 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01



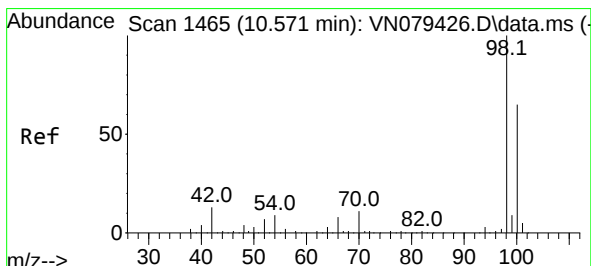
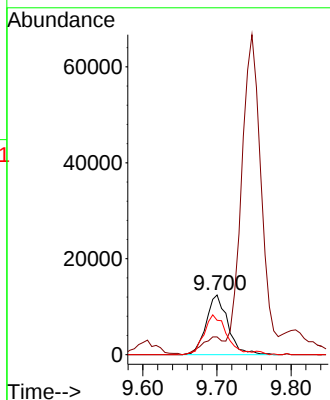
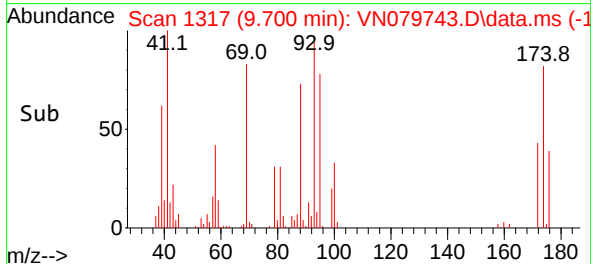
Tgt Ion: 88 Resp: 25300
Ion Ratio Lower Upper
88 100
43 30.7 17.0 25.6
58 69.4 47.0 70.4

Manual Integrations
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Reviewed By :John
Carlone

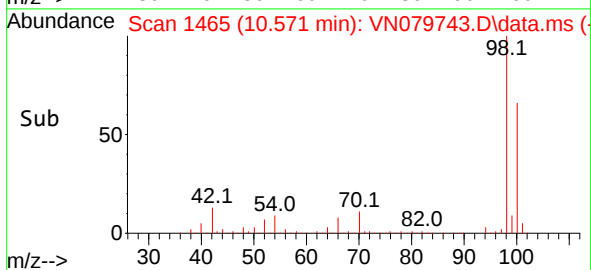
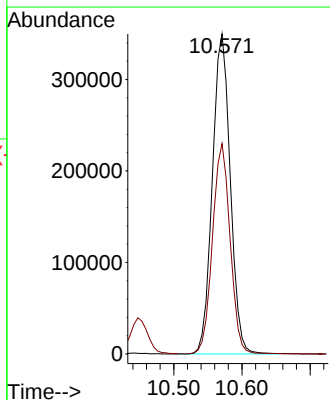
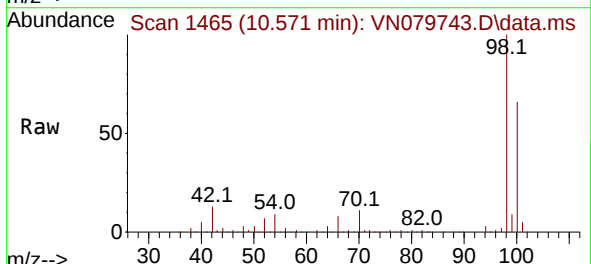
11/01/2023
Supervised By :Semsettin
Yesilyurt

11/02/2023



#50
Toluene-d8
Concen: 50.793 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

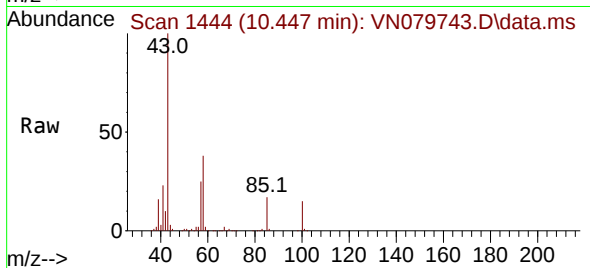
Tgt Ion: 98 Resp: 639072
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 95.110 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01



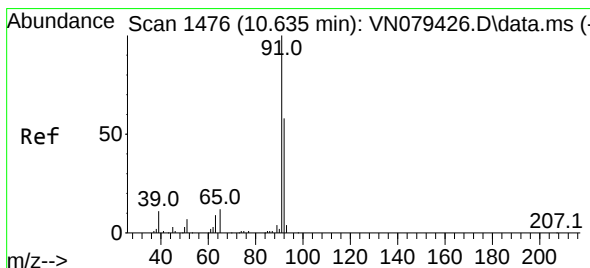
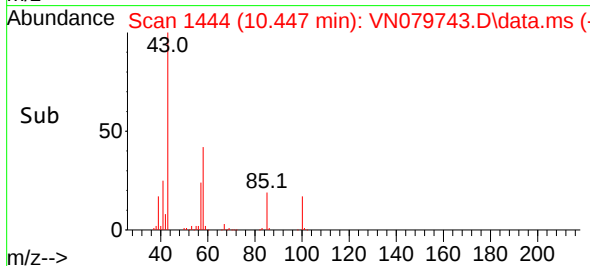
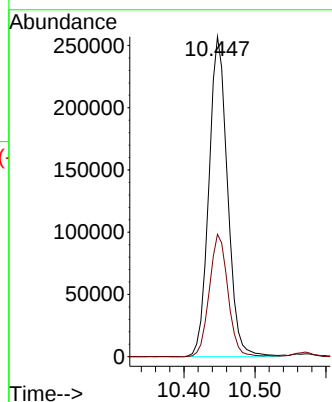
Tgt Ion: 43 Resp: 46953
Ion Ratio Lower Upper
43 100
58 38.0 36.6 54.8

Manual Integrations
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Reviewed By :John
Carlone

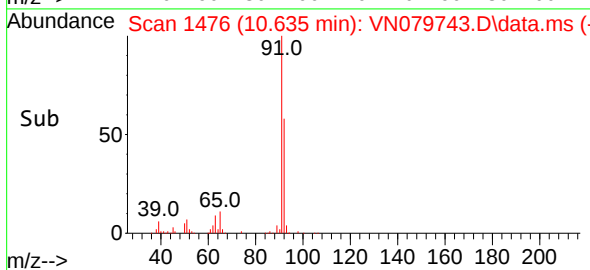
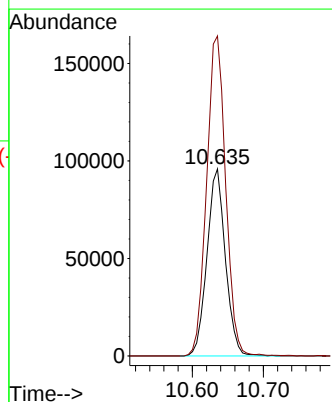
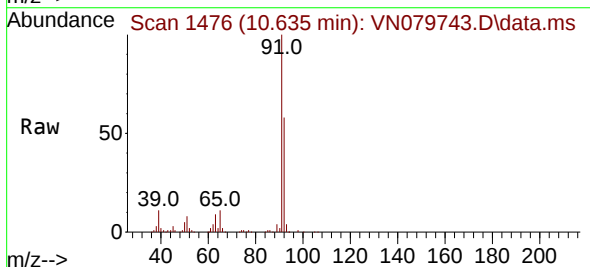
11/01/2023
Supervised By :Semsettin
Yesilyurt

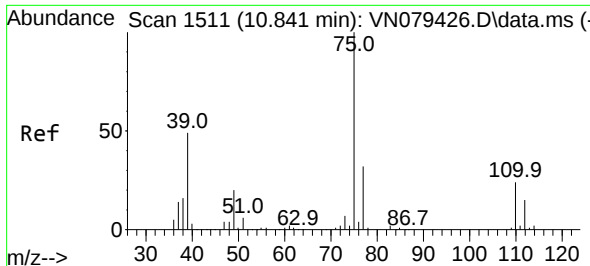
11/02/2023



#52
Toluene
Concen: 19.163 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Tgt Ion: 92 Resp: 172880
Ion Ratio Lower Upper
92 100
91 177.2 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 19.148 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079743.D
 Acq: 31 Oct 2023 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBSD01

Tgt Ion: 75 Resp: 10268
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.0

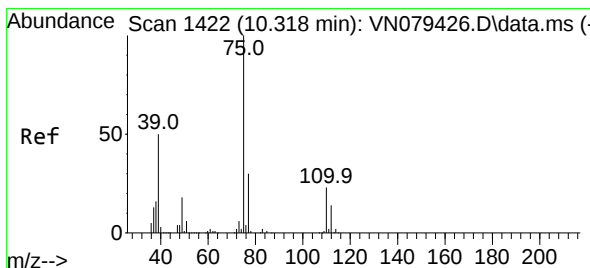
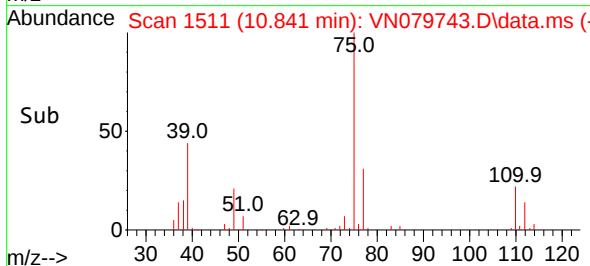
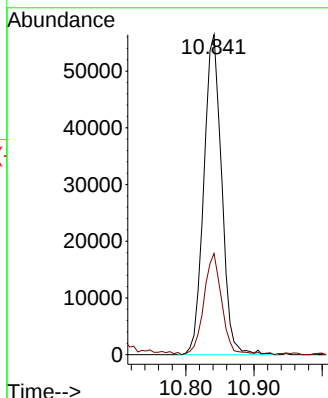
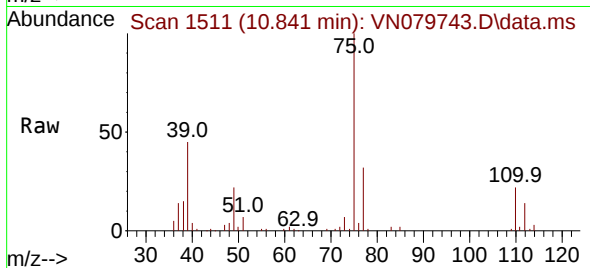
Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

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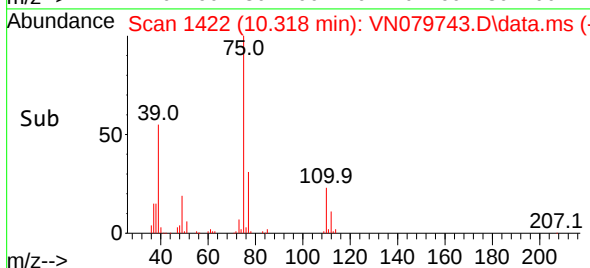
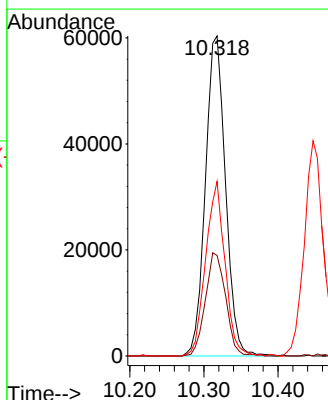
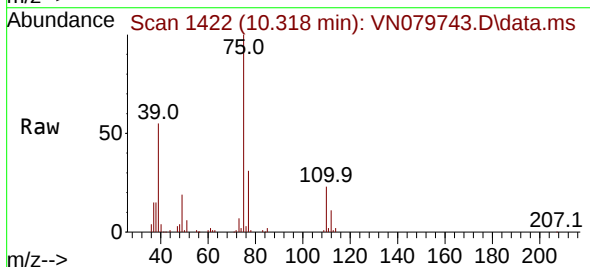
Supervised By :Semsettin
 Yesilyurt

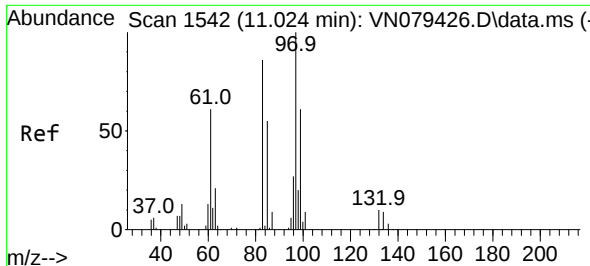
11/02/2023



#54
 cis-1,3-Dichloropropene
 Concen: 19.380 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079743.D
 Acq: 31 Oct 2023 14:55

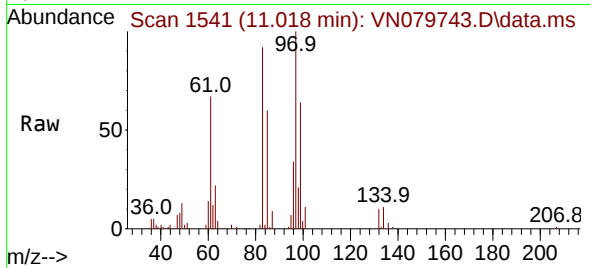
Tgt Ion: 75 Resp: 113701
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.1 39.1
 39 54.5 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 19.285 ug/l
RT: 11.018 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01



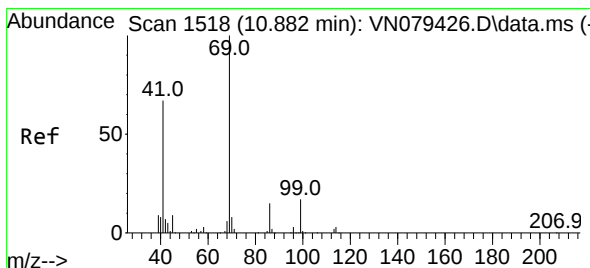
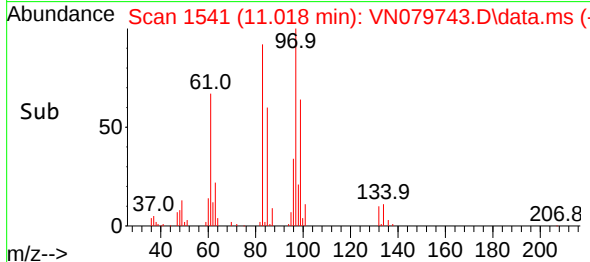
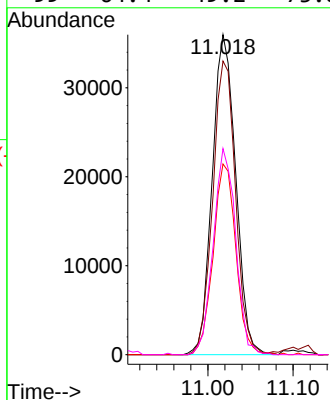
Tgt Ion	Ratio	Lower	Upper
97	100		
83	91.8	65.1	97.7
85	59.6	43.4	65.2
99	64.4	49.2	73.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

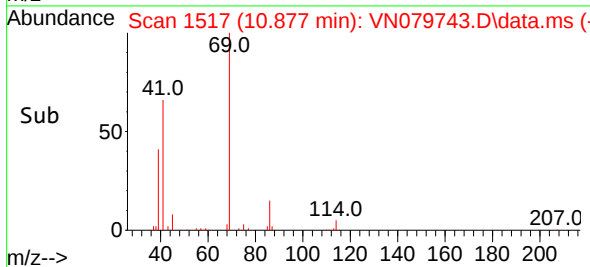
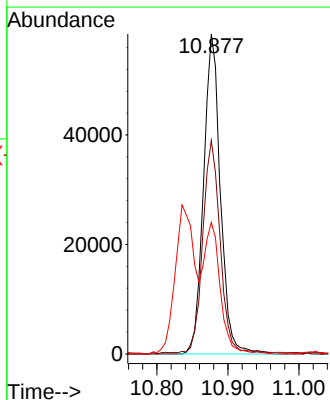
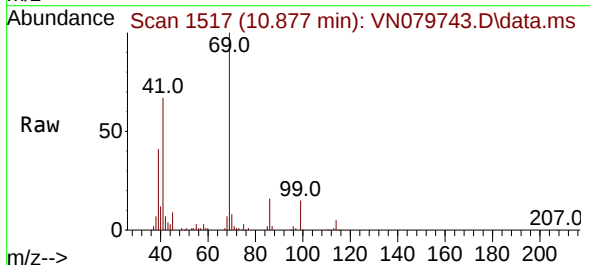
11/01/2023
Supervised By :Semsettin
Yesilyurt

11/02/2023



#56
Ethyl methacrylate
Concen: 19.148 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.005 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.9	39.6	59.4
39	40.4	28.6	43.0





#57

1,3-Dichloropropane

Concen: 20.034 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.006 min

Lab File: VN079743.D

Acq: 31 Oct 2023 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBSD01

Tgt Ion: 76 Resp: 12509

Ion Ratio Lower Upper

76 100

78 32.8 26.1 39.1

Manual Integrations

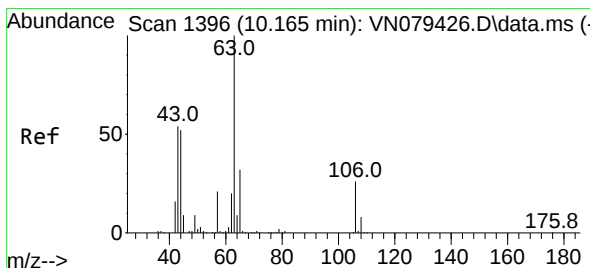
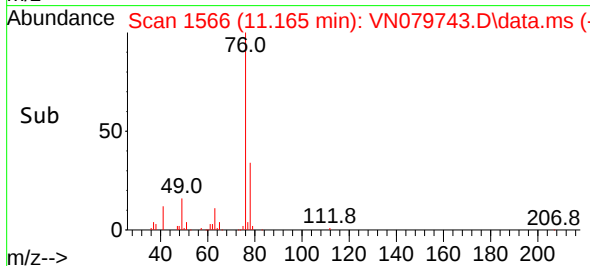
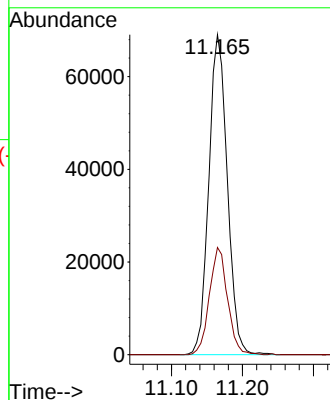
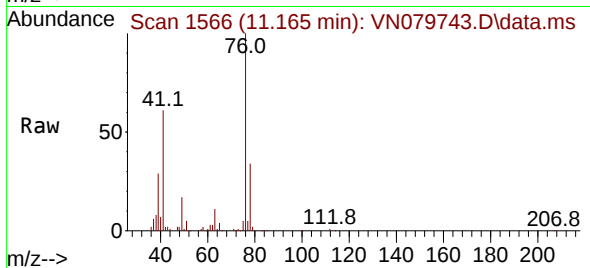
APPROVED

Reviewed By :John
Carlone

11/01/2023

Supervised By :Semsettin
Yesilyurt

11/02/2023



#58

2-Chloroethyl Vinyl ether

Concen: 97.889 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079743.D

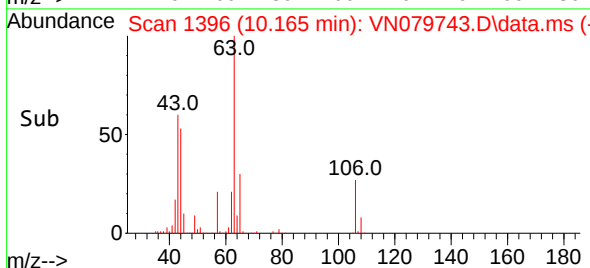
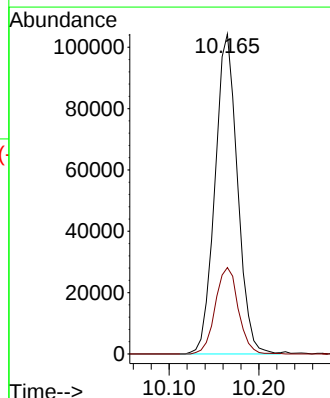
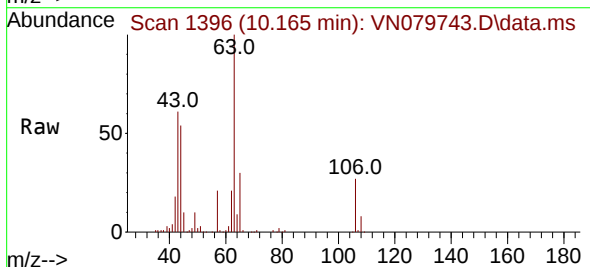
Acq: 31 Oct 2023 14:55

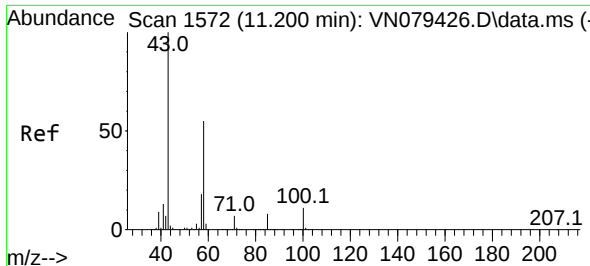
Tgt Ion: 63 Resp: 181720

Ion Ratio Lower Upper

63 100

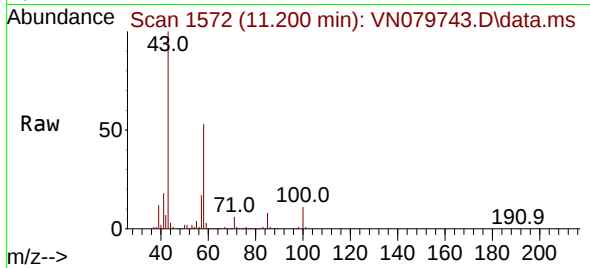
106 27.5 26.2 39.4





#59
2-Hexanone
Concen: 89.969 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01



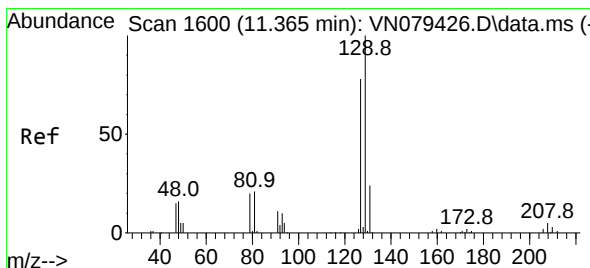
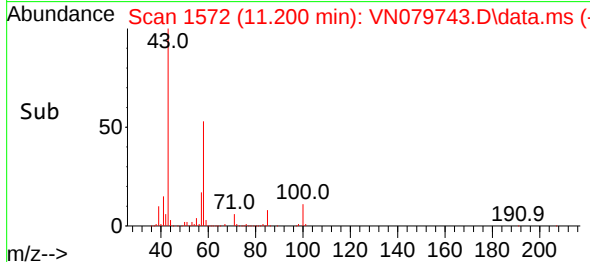
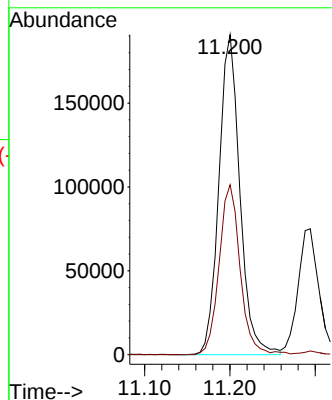
Tgt Ion: 43 Resp: 32658
Ion Ratio Lower Upper
43 100
58 53.2 31.7 95.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

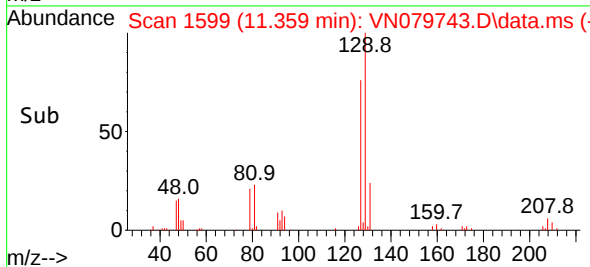
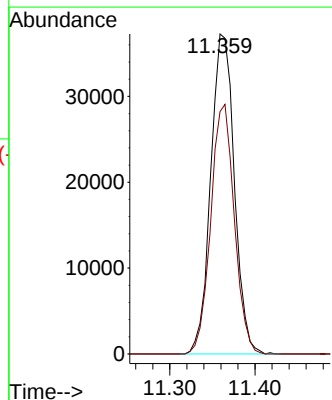
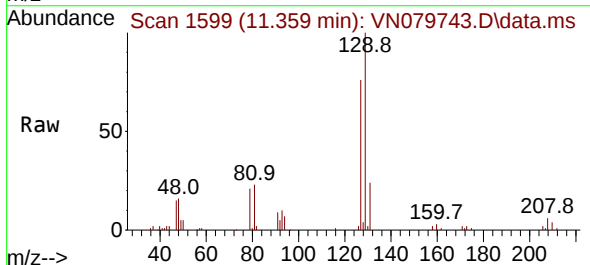
11/01/2023
Supervised By :Semsettin
Yesilyurt

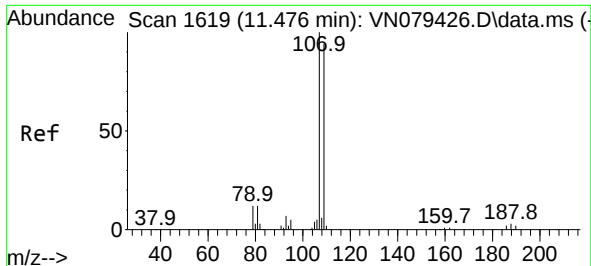
11/02/2023



#60
Dibromochloromethane
Concen: 19.406 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Tgt Ion:129 Resp: 71648
Ion Ratio Lower Upper
129 100
127 77.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.710 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.005 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

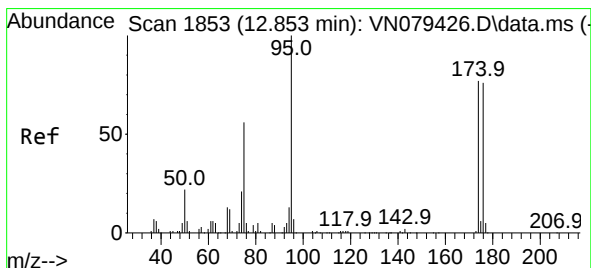
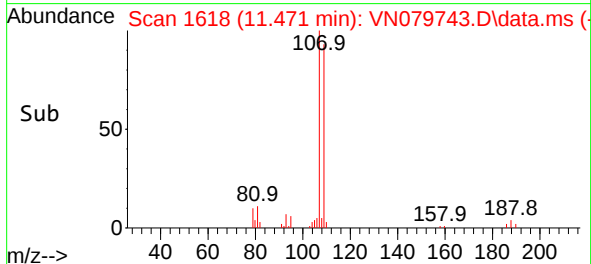
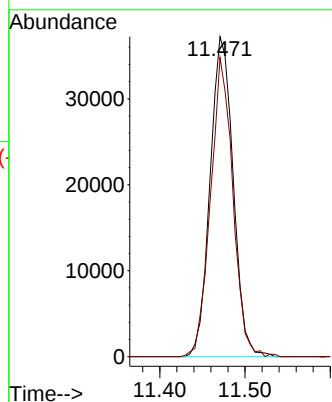
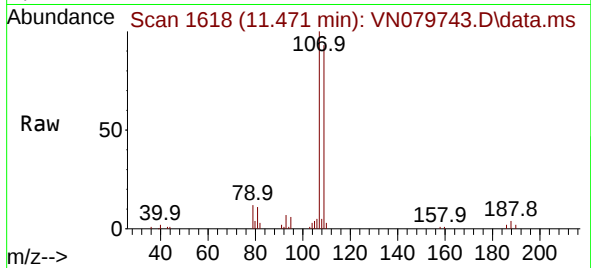
Tgt Ion:107 Resp: 70062
Ion Ratio Lower Upper
107 100
109 90.1 76.6 114.8

Manual Integrations
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Reviewed By :John
Carlone

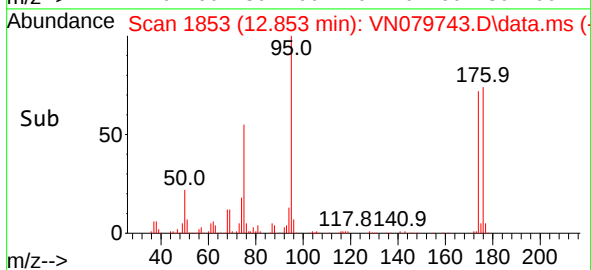
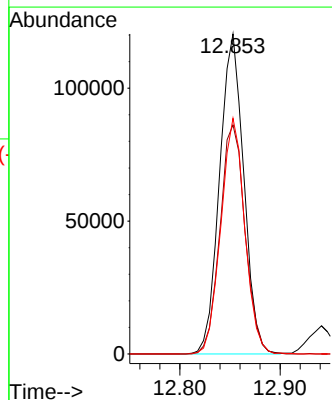
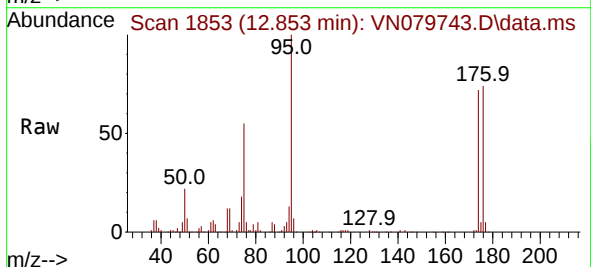
11/01/2023
Supervised By :Semsettin
Yesilyurt

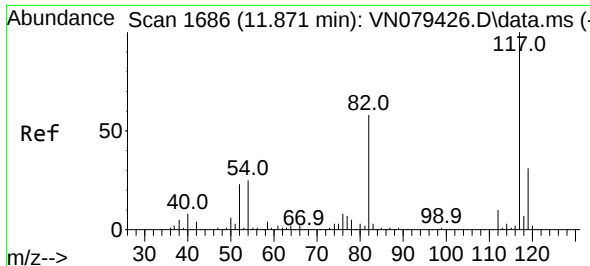
11/02/2023



#62
4-Bromofluorobenzene
Concen: 50.764 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

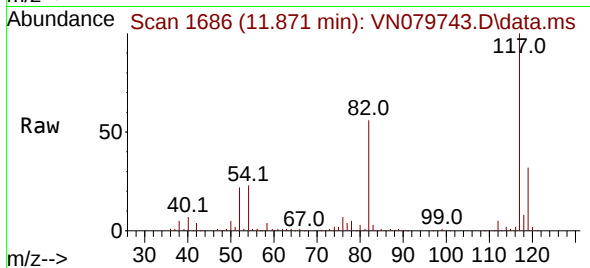
Tgt Ion: 95 Resp: 201135
Ion Ratio Lower Upper
95 100
174 74.6 0.0 143.8
176 72.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01



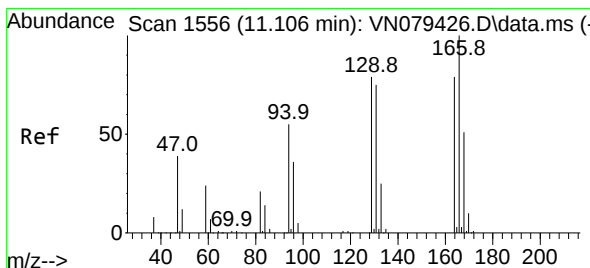
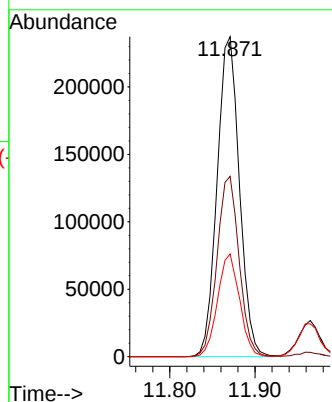
Tgt Ion:117 Resp: 431119
Ion Ratio Lower Upper
117 100
82 56.3 44.0 66.0
119 32.1 25.6 38.4

Manual Integrations
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Reviewed By :John
Carlone

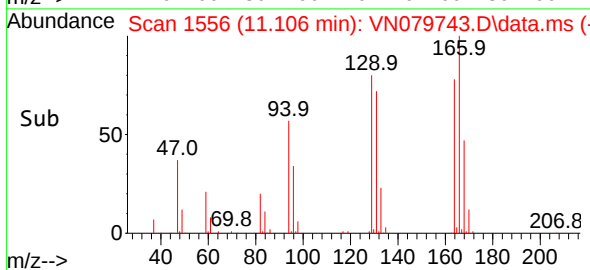
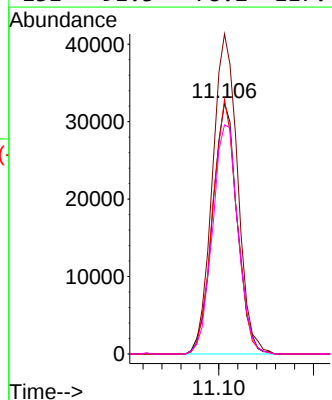
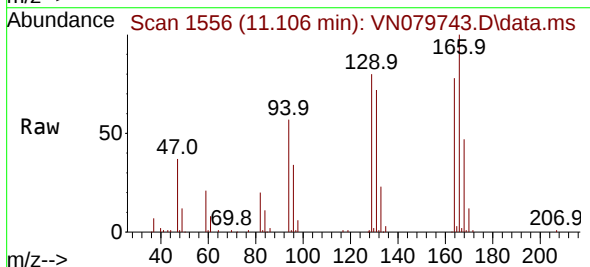
11/01/2023
Supervised By :Semsettin
Yesilyurt

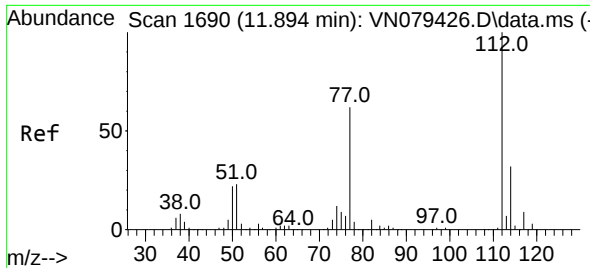
11/02/2023



#64
Tetrachloroethene
Concen: 19.194 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

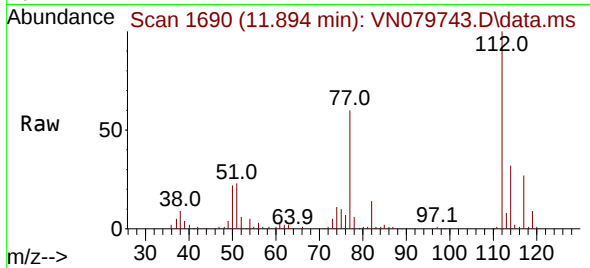
Tgt Ion:164 Resp: 58702
Ion Ratio Lower Upper
164 100
166 127.6 101.4 152.0
129 101.5 82.4 123.6
131 91.3 78.2 117.4





#65
Chlorobenzene
Concen: 18.663 ug/l
RT: 11.894 min Scan# 1189
Delta R.T. 0.000 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01



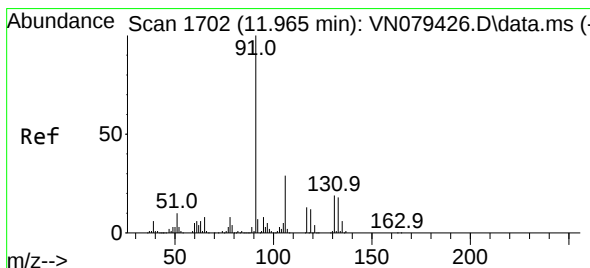
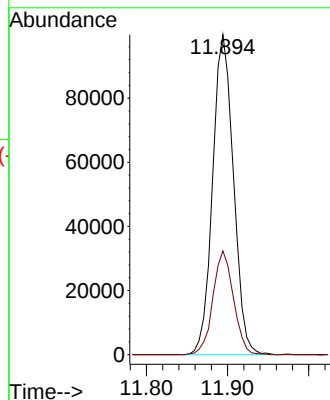
Tgt Ion:112 Resp: 178092
Ion Ratio Lower Upper
112 100
114 32.4 25.0 37.4

Manual Integrations
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Reviewed By :John
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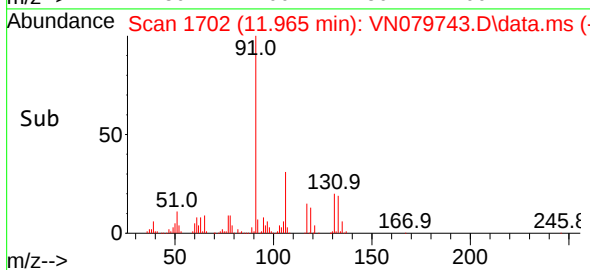
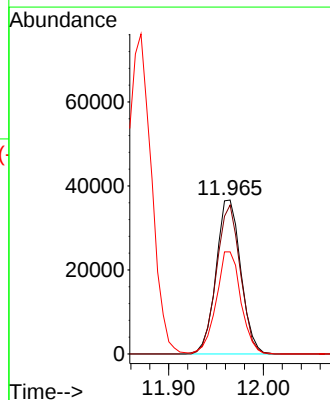
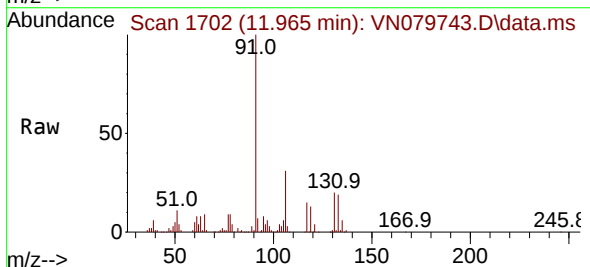
11/01/2023
Supervised By :Semsettin
Yesilyurt

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#66
1,1,1,2-Tetrachloroethane
Concen: 18.812 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Tgt Ion:131 Resp: 66700
Ion Ratio Lower Upper
131 100
133 93.3 46.4 139.1
119 66.0 34.1 102.2





#67
Ethyl Benzene
Concen: 18.379 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

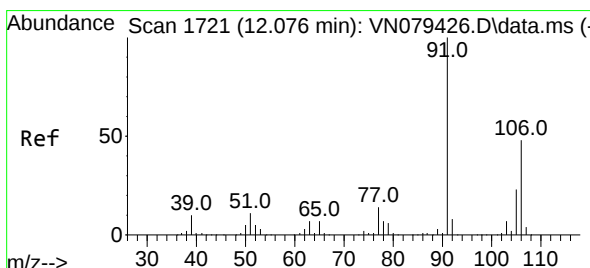
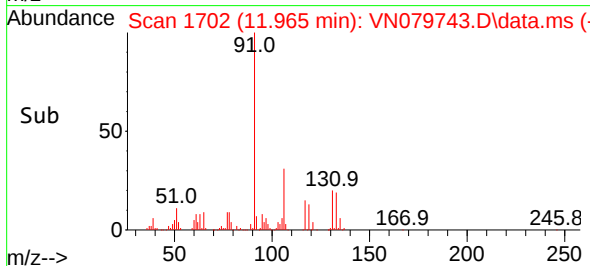
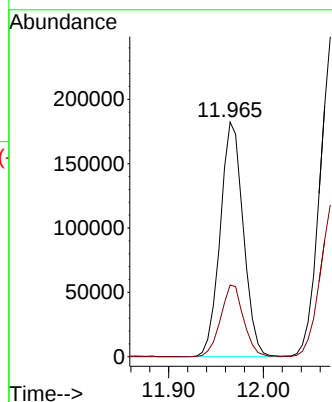
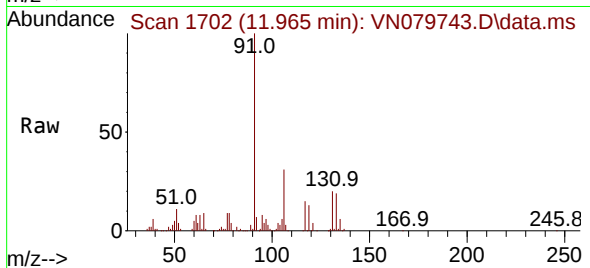
Tgt Ion: 91 Resp: 30897
Ion Ratio Lower Upper
91 100
106 30.6 25.6 38.4

Manual Integrations
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Reviewed By :John
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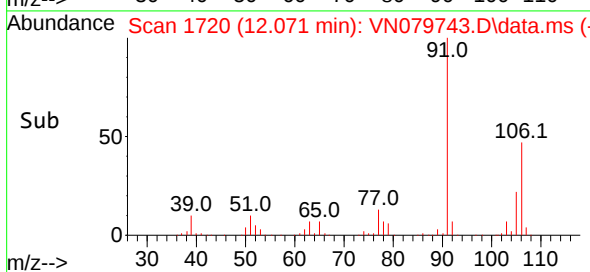
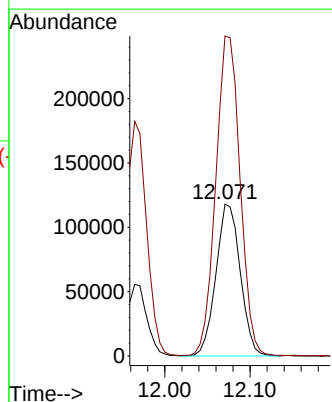
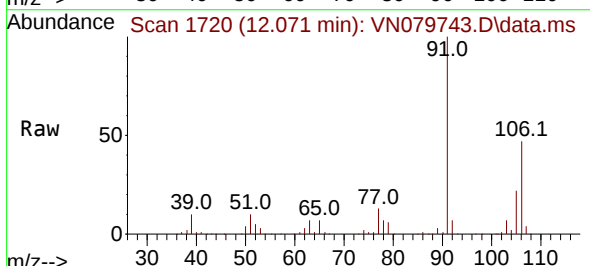
11/01/2023
Supervised By :Semsettin
Yesilyurt

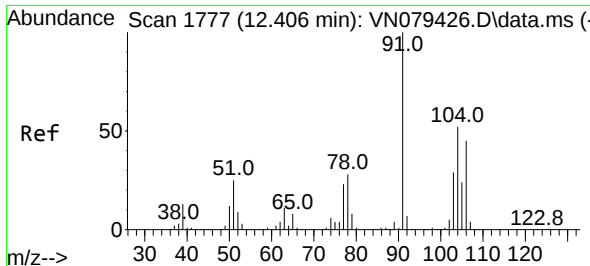
11/02/2023



#68
m/p-Xylenes
Concen: 37.622 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.005 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Tgt Ion:106 Resp: 233921
Ion Ratio Lower Upper
106 100
91 210.1 159.6 239.4





#69
o-Xylene
Concen: 18.657 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

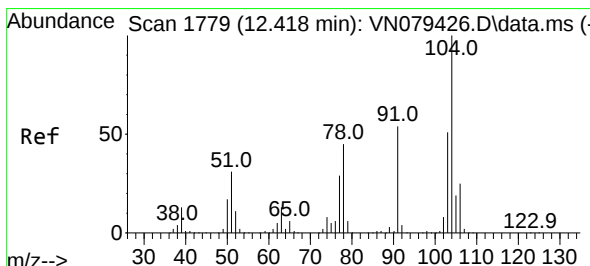
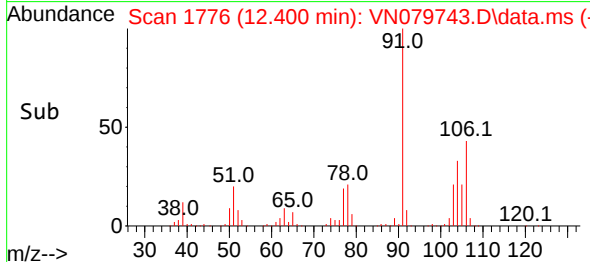
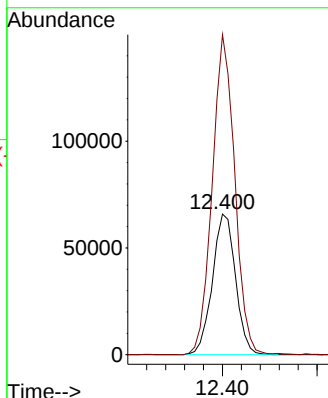
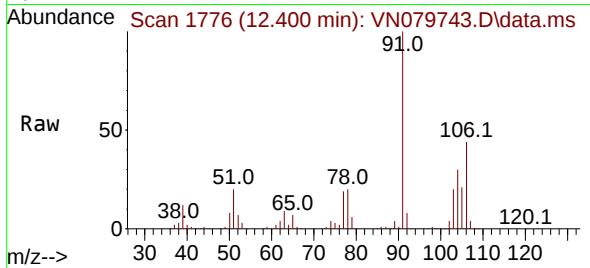
Tgt Ion:106 Resp: 111544
Ion Ratio Lower Upper
106 100
91 222.2 105.2 315.5

Manual Integrations
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Reviewed By :John
Carlone

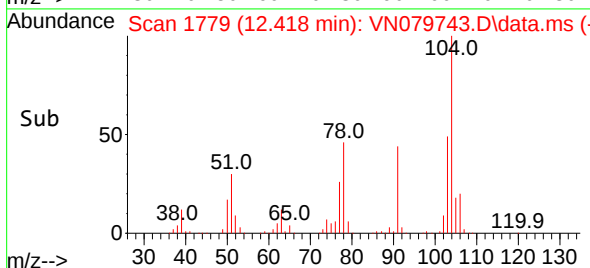
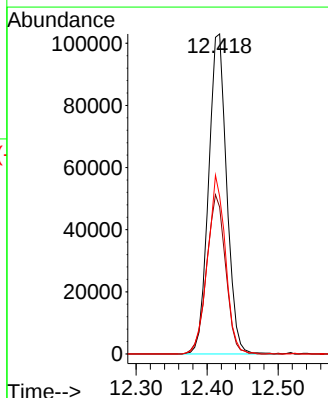
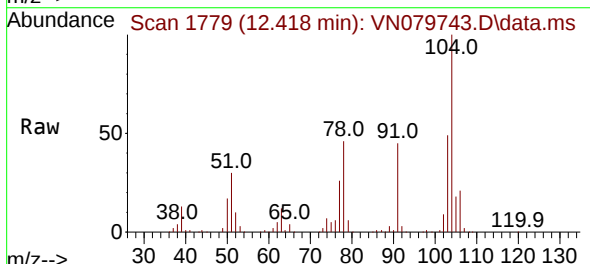
11/01/2023
Supervised By :Semsettin
Yesilyurt

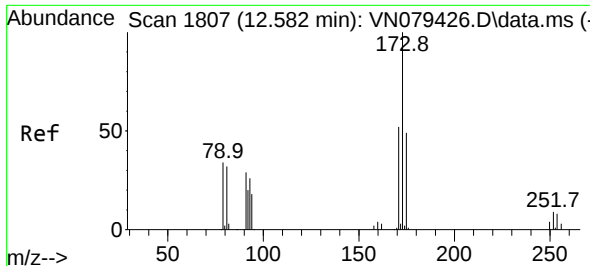
11/02/2023



#70
Styrene
Concen: 19.027 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

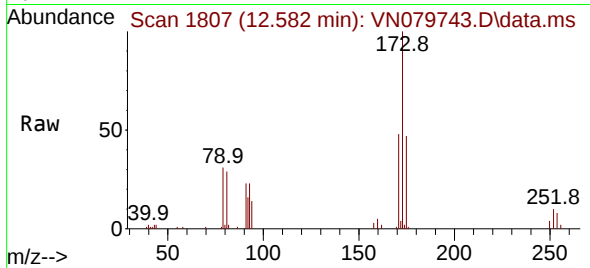
Tgt Ion:104 Resp: 182230
Ion Ratio Lower Upper
104 100
78 52.0 39.5 59.3
103 55.3 43.2 64.8





#71
Bromoform
Concen: 18.287 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01



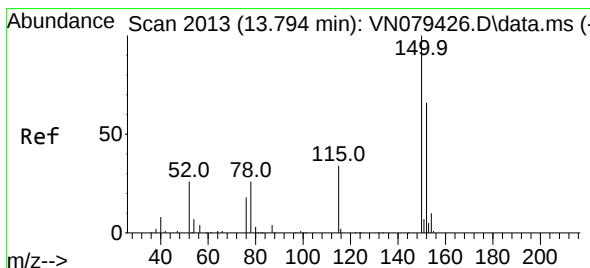
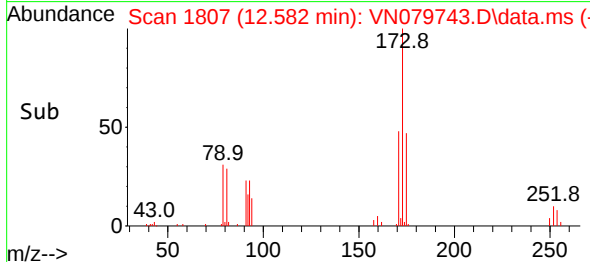
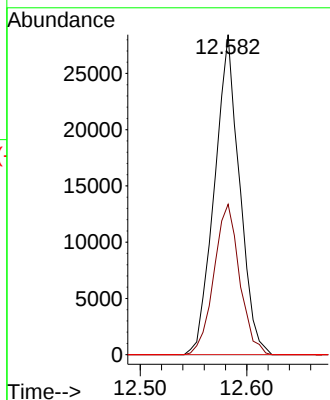
Tgt Ion:173 Resp: 4644
Ion Ratio Lower Upper
173 100
175 48.1 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
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Reviewed By :John
Carlone

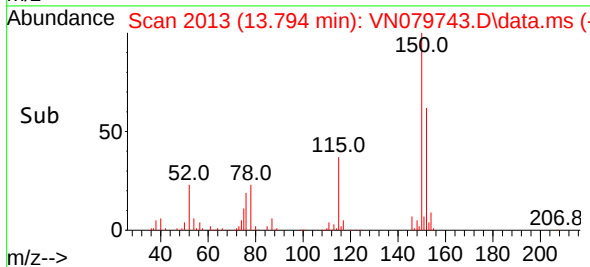
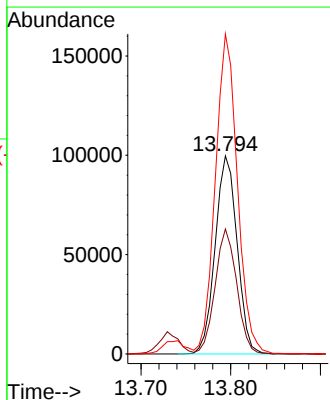
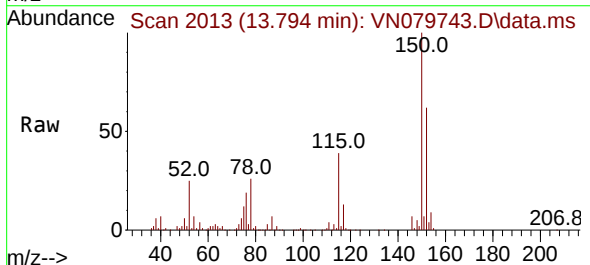
11/01/2023
Supervised By :Semsettin
Yesilyurt

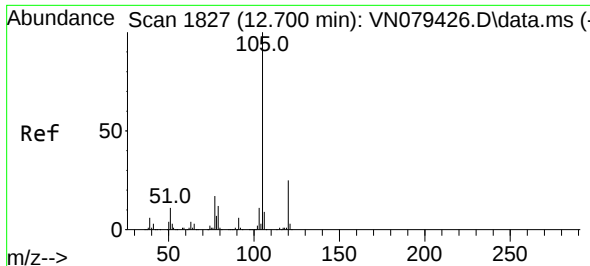
11/02/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

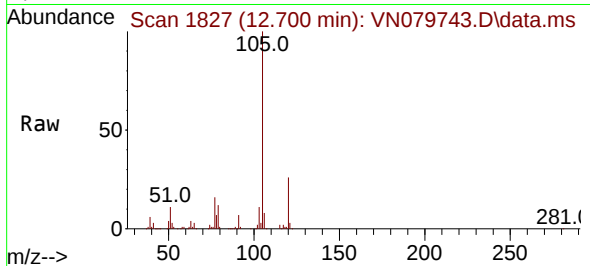
Tgt Ion:152 Resp: 169286
Ion Ratio Lower Upper
152 100
115 62.1 32.3 96.8
150 162.7 0.0 355.8





#73
Isopropylbenzene
Concen: 18.105 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01



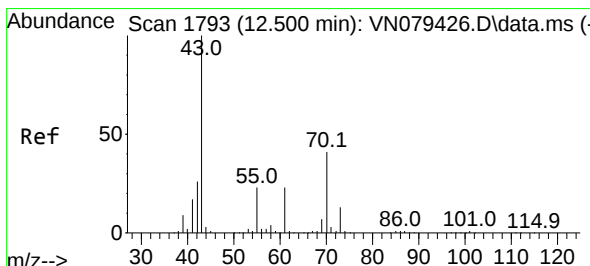
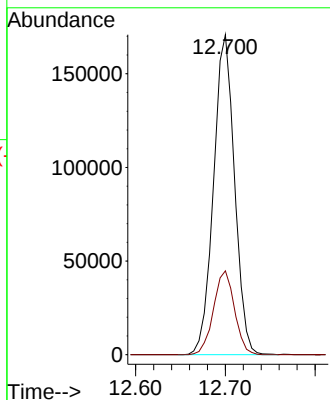
Tgt Ion:105 Resp: 277610
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1

Manual Integrations
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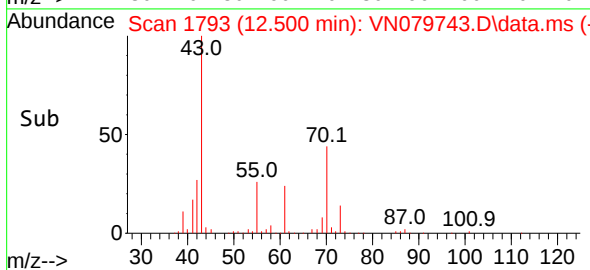
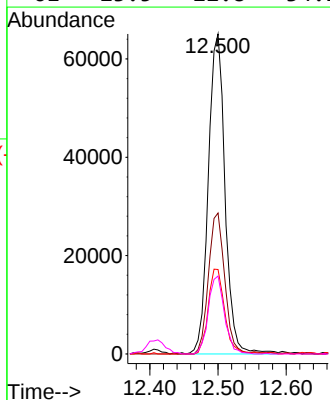
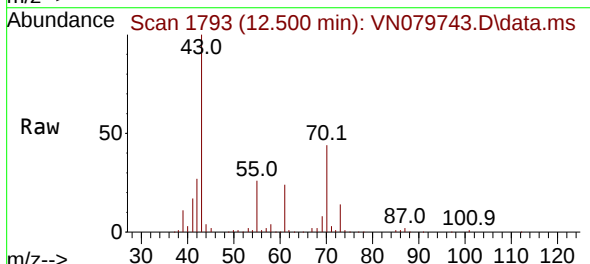
11/01/2023
Supervised By :Semsettin
Yesilyurt

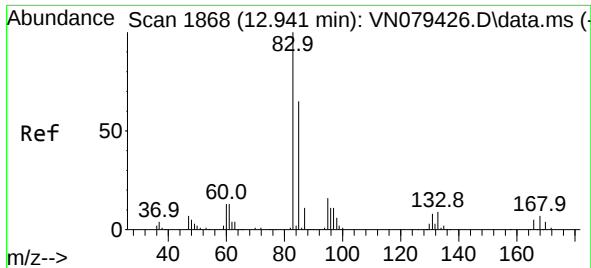
11/02/2023



#74
N-ethyl acetate
Concen: 18.223 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

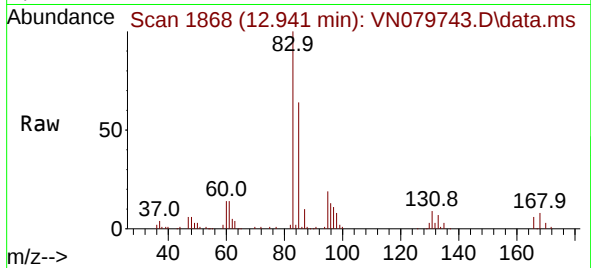
Tgt Ion: 43 Resp: 111136
Ion Ratio Lower Upper
43 100
70 42.8 43.4 65.2#
55 26.1 21.4 32.0
61 23.5 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 18.579 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01



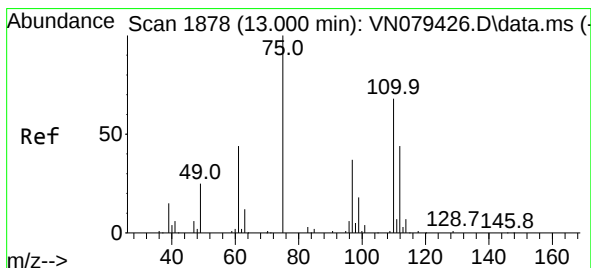
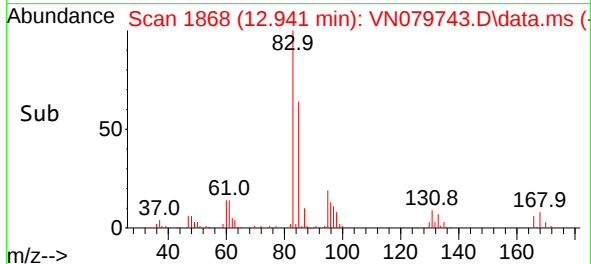
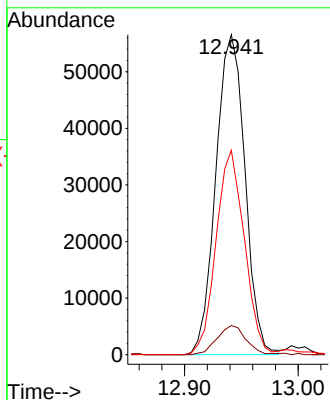
Tgt Ion: 83 Resp: 10085
Ion Ratio Lower Upper
83 100
131 9.2 5.0 15.0
85 62.0 31.9 95.7

Manual Integrations
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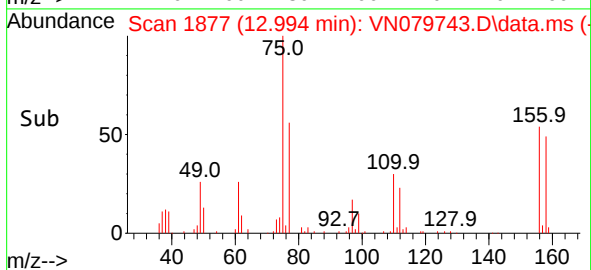
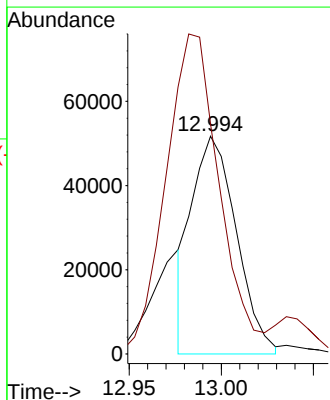
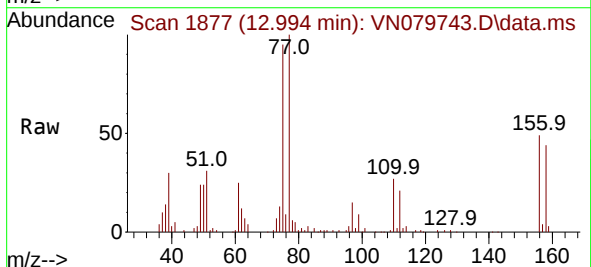
11/01/2023
Supervised By :Semsettin
Yesilyurt

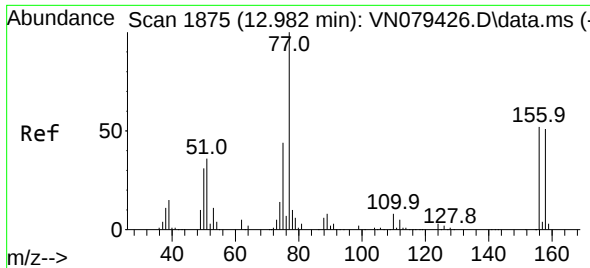
11/02/2023



#76
1,2,3-Trichloropropane
Concen: 18.948 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

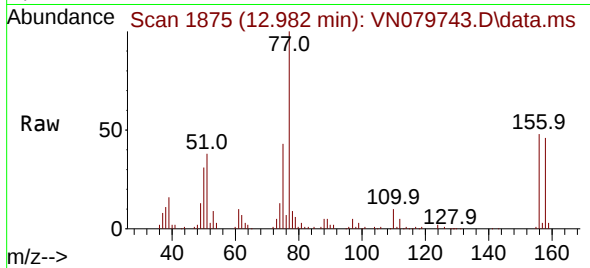
Tgt Ion: 75 Resp: 87098
Ion Ratio Lower Upper
75 100
77 177.0 84.5 253.5





#77
Bromobenzene
Concen: 18.697 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01



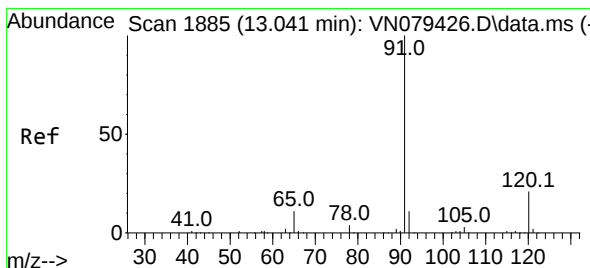
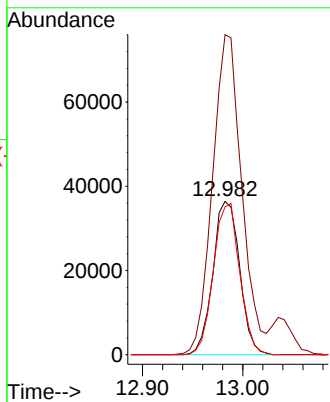
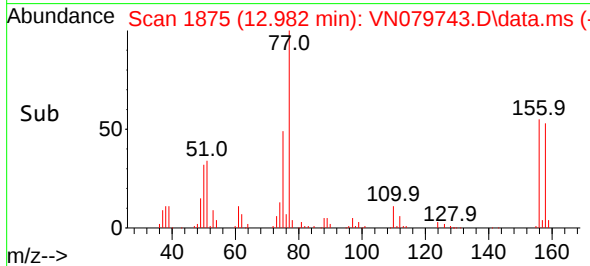
Tgt Ion:156 Resp: 6742
Ion Ratio Lower Upper
156 100
77 228.6 107.7 323.3
158 97.0 48.4 145.3

Manual Integrations
APPROVED

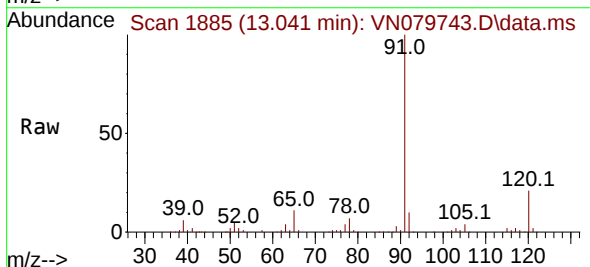
Reviewed By :John
Carlone

11/01/2023
Supervised By :Semsettin
Yesilyurt

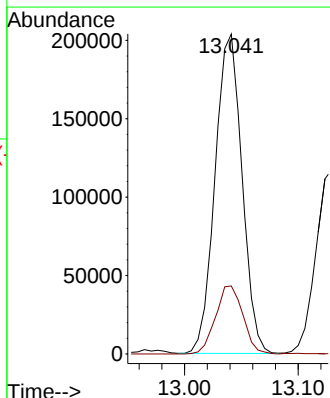
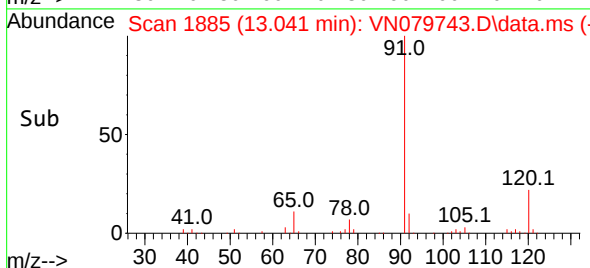
11/02/2023

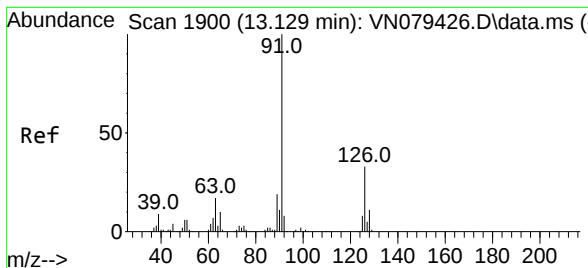


#78
n-propylbenzene
Concen: 19.010 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55



Tgt Ion: 91 Resp: 335785
Ion Ratio Lower Upper
91 100
120 21.6 11.5 34.4





#79
2-Chlorotoluene
Concen: 18.649 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

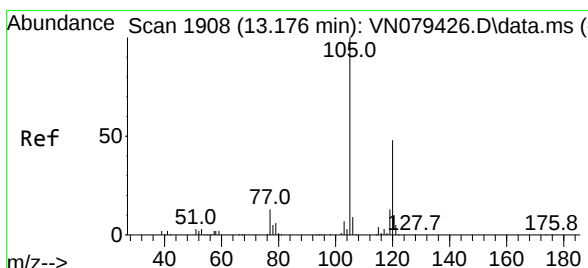
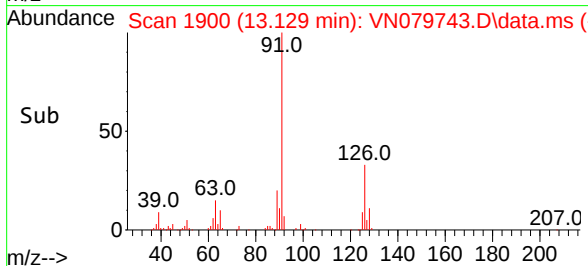
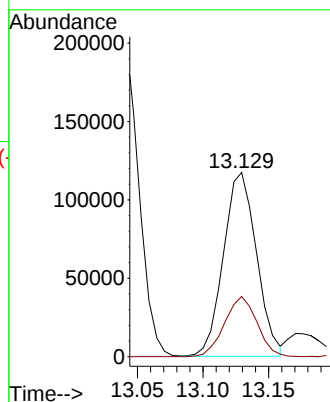
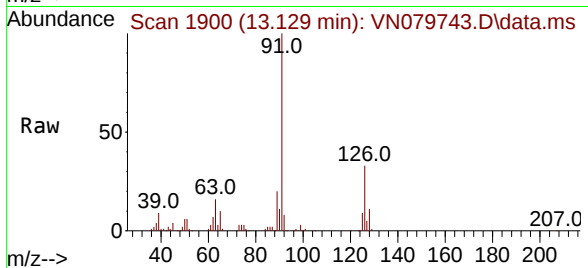
Tgt Ion: 91 Resp: 205330
Ion Ratio Lower Upper
91 100
126 32.2 16.3 48.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

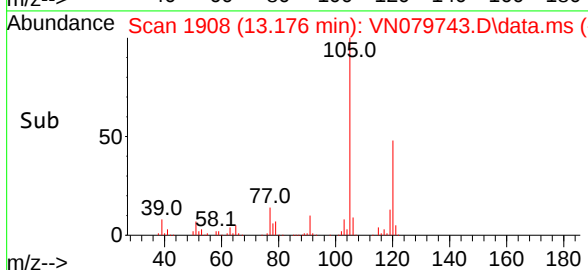
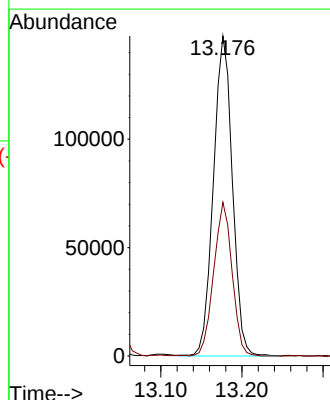
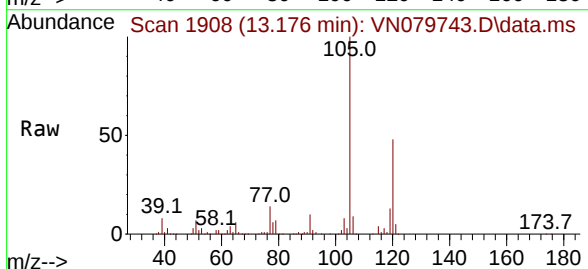
11/01/2023
Supervised By :Semsettin
Yesilyurt

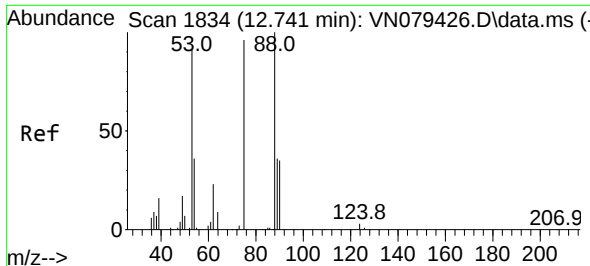
11/02/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.183 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

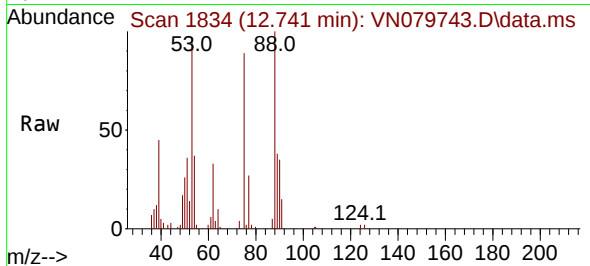
Tgt Ion:105 Resp: 239766
Ion Ratio Lower Upper
105 100
120 46.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.271 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01



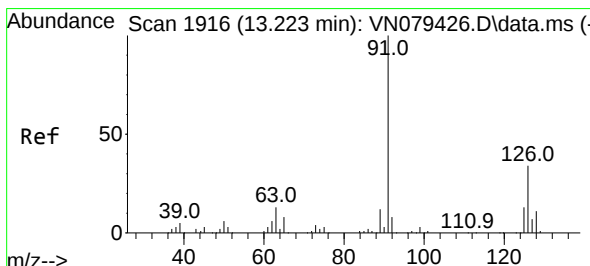
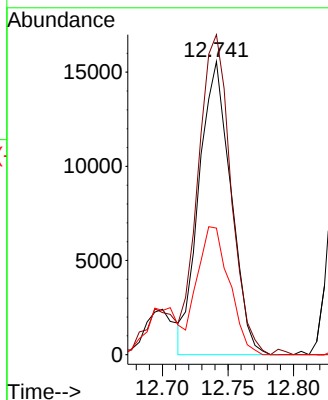
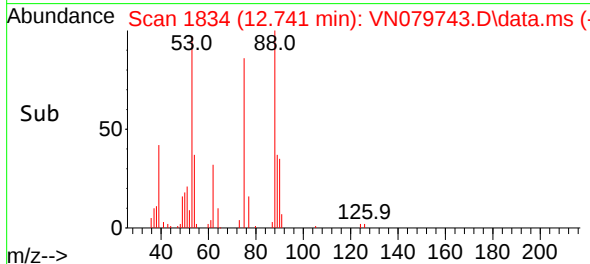
Tgt Ion: 75 Resp: 26319
Ion Ratio Lower Upper
75 100
53 112.0 67.4 101.2
89 43.4 38.8 58.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

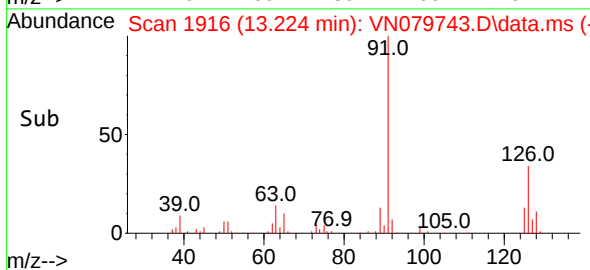
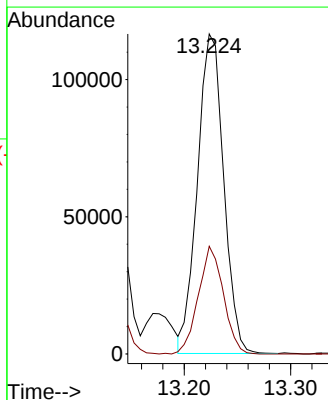
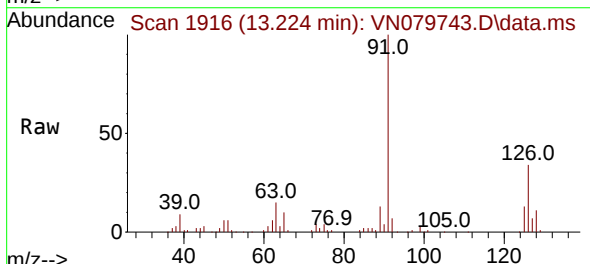
11/01/2023
Supervised By :Semsettin
Yesilyurt

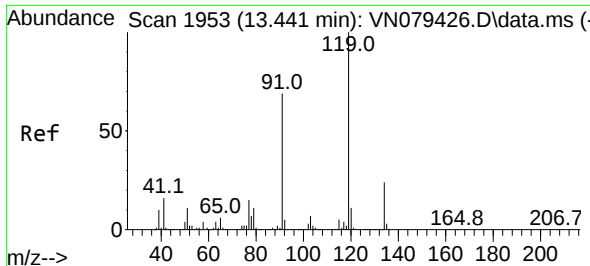
11/02/2023



#82
4-Chlorotoluene
Concen: 18.842 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

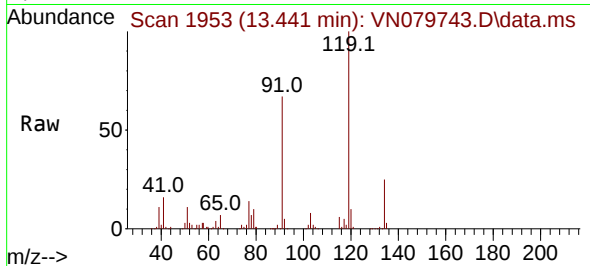
Tgt Ion: 91 Resp: 199269
Ion Ratio Lower Upper
91 100
126 32.2 16.7 50.0





#83
tert-Butylbenzene
Concen: 18.153 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01



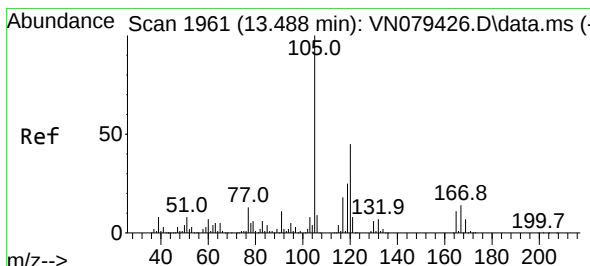
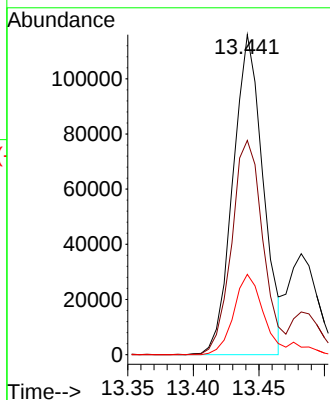
Tgt Ion:119 Resp: 185949
Ion Ratio Lower Upper
119 100
91 70.1 33.9 101.7
134 24.4 13.2 39.6

Manual Integrations
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Reviewed By :John
Carlone

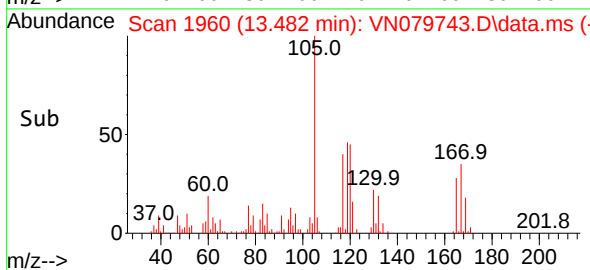
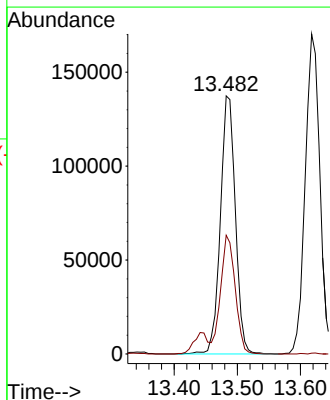
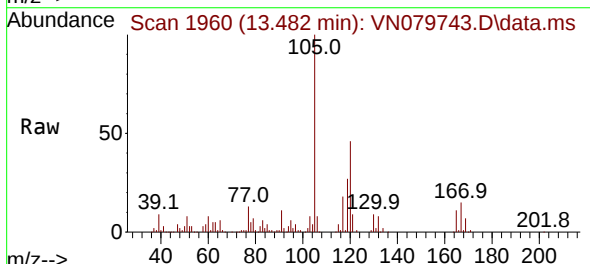
11/01/2023
Supervised By :Semsettin
Yesilyurt

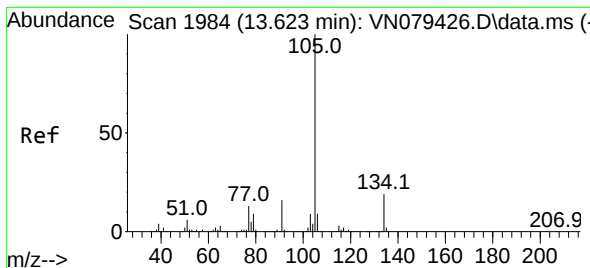
11/02/2023



#84
1,2,4-Trimethylbenzene
Concen: 18.825 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.006 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

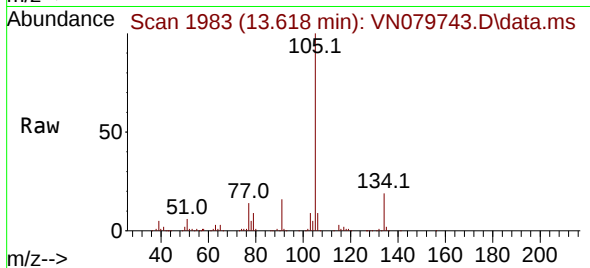
Tgt Ion:105 Resp: 226992
Ion Ratio Lower Upper
105 100
120 44.5 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 19.116 ug/l
 RT: 13.618 min Scan# 1984
 Delta R.T. -0.005 min
 Lab File: VN079743.D
 Acq: 31 Oct 2023 14:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031WBSD01



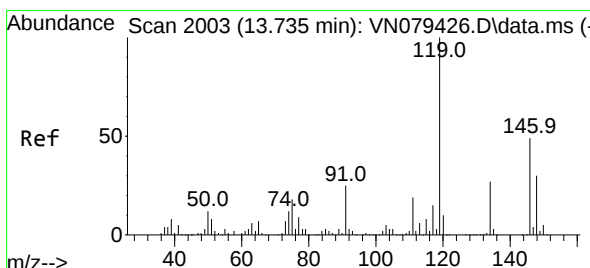
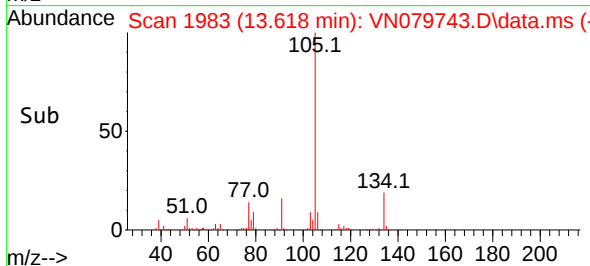
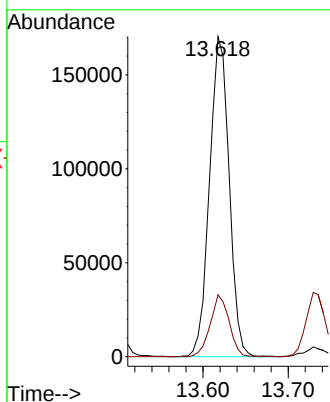
Tgt Ion:105 Resp: 273140
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.8 29.3

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

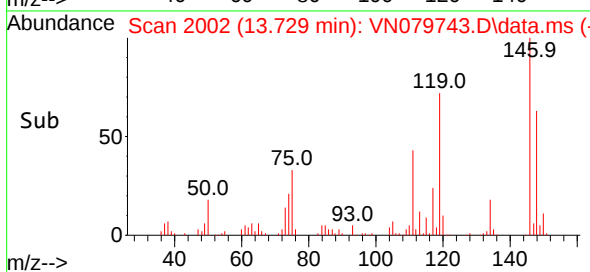
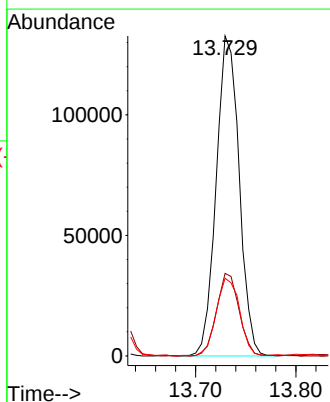
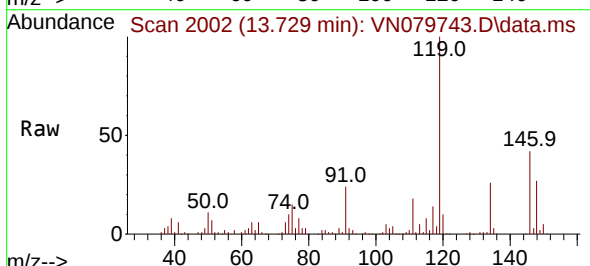
11/01/2023
 Supervised By :Semsettin
 Yesilyurt

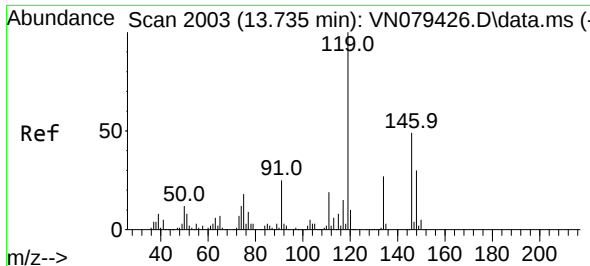
11/02/2023



#86
 p-Isopropyltoluene
 Concen: 18.536 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.006 min
 Lab File: VN079743.D
 Acq: 31 Oct 2023 14:55

Tgt Ion:119 Resp: 210943
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.6 37.8
 91 24.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 18.231 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079743.D

Acq: 31 Oct 2023 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBSD01

Tgt Ion:	146	Resp:	11121
Ion Ratio	Lower	Upper	
146	100		
111	43.2	22.1	66.3
148	64.5	32.0	96.0

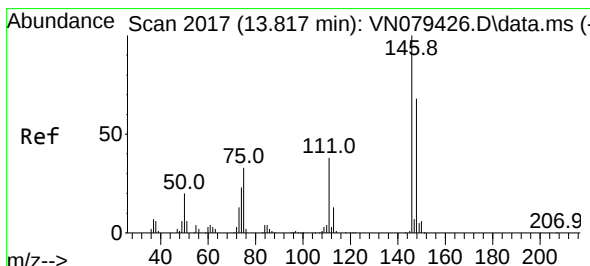
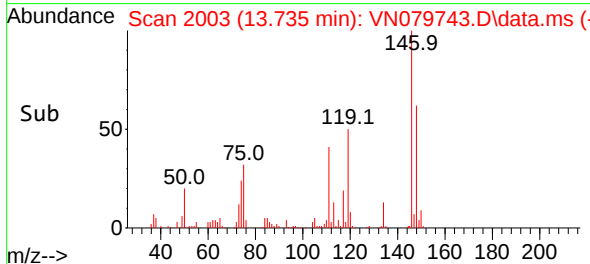
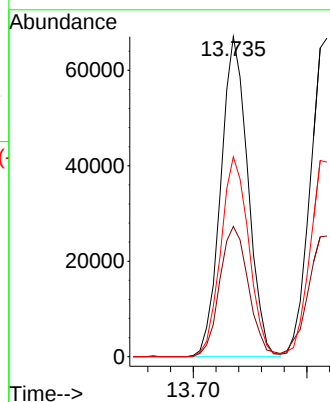
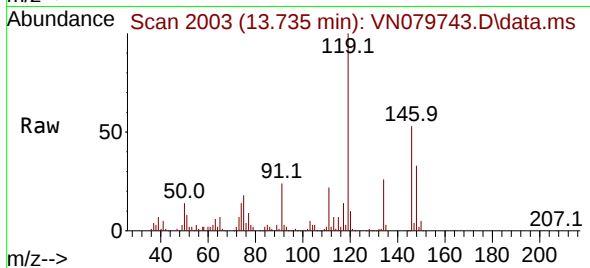
Manual Integrations

APPROVED

Reviewed By :John
Carlone

11/01/2023
Supervised By :Semsettin
Yesilyurt

11/02/2023



#88

1,4-Dichlorobenzene

Concen: 18.820 ug/l

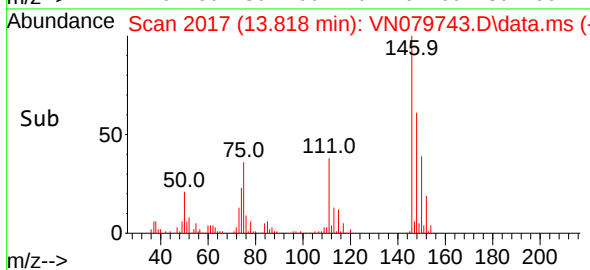
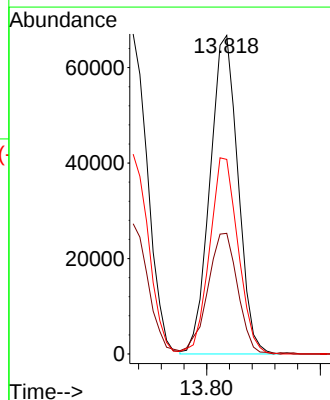
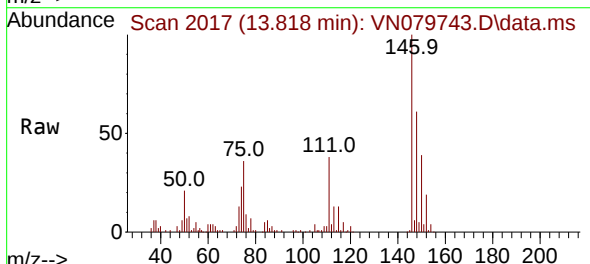
RT: 13.818 min Scan# 2017

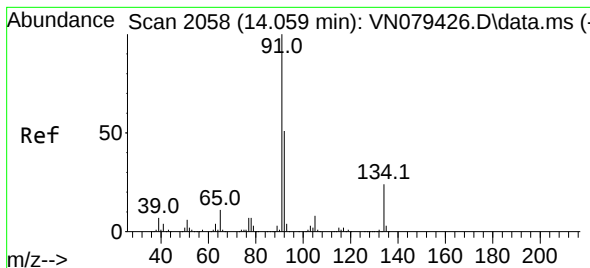
Delta R.T. 0.001 min

Lab File: VN079743.D

Acq: 31 Oct 2023 14:55

Tgt Ion:	146	Resp:	114371
Ion Ratio	Lower	Upper	
146	100		
111	40.4	20.6	61.8
148	62.6	31.6	94.8





#89

n-Butylbenzene

Concen: 17.817 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN079743.D

Acq: 31 Oct 2023 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBSD01

Tgt Ion: 91 Resp: 161092

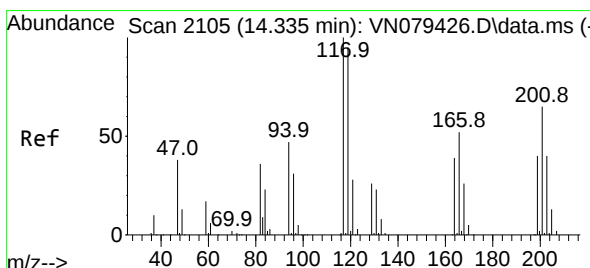
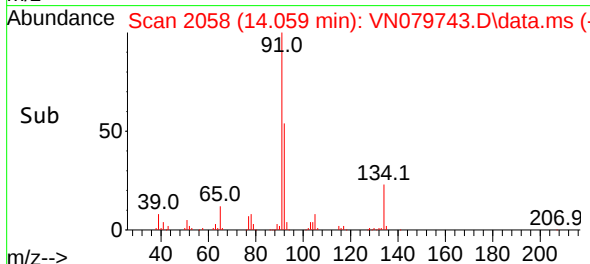
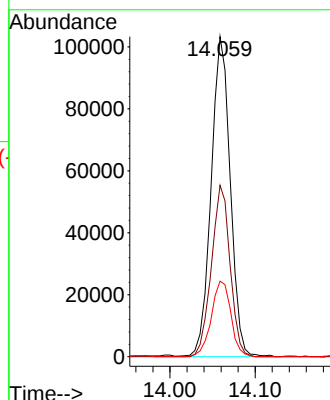
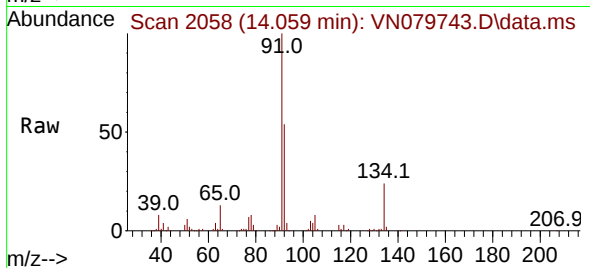
Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.4	79.0
134	24.2	12.6	37.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

11/01/2023
Supervised By :Semsettin
Yesilyurt

11/02/2023



#90

Hexachloroethane

Concen: 17.737 ug/l

RT: 14.335 min Scan# 2105

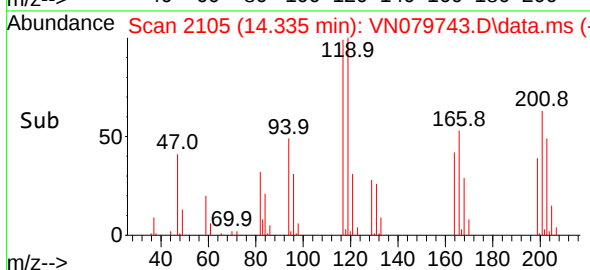
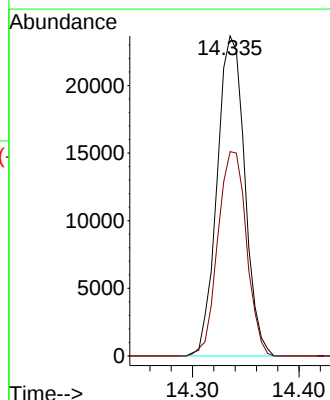
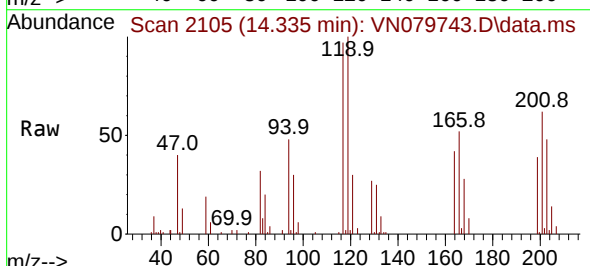
Delta R.T. 0.000 min

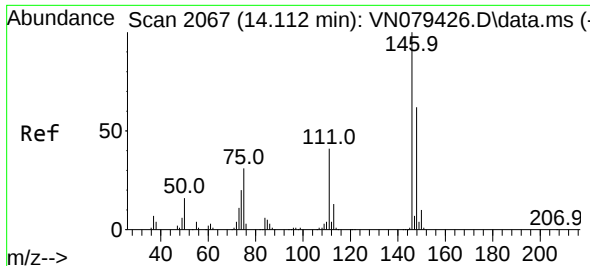
Lab File: VN079743.D

Acq: 31 Oct 2023 14:55

Tgt Ion:117 Resp: 42650

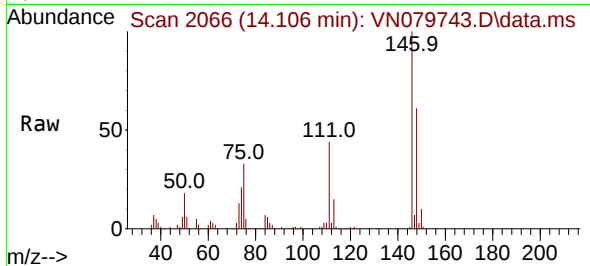
Ion	Ratio	Lower	Upper
117	100		
201	66.1	29.3	88.0





#91
1,2-Dichlorobenzene
Concen: 18.563 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01



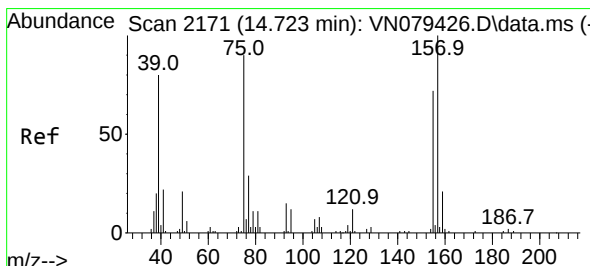
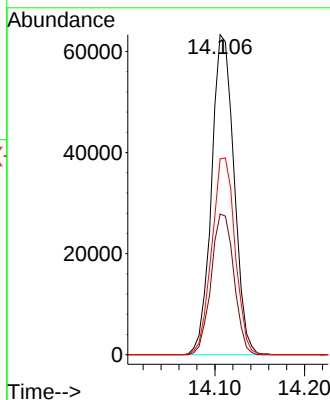
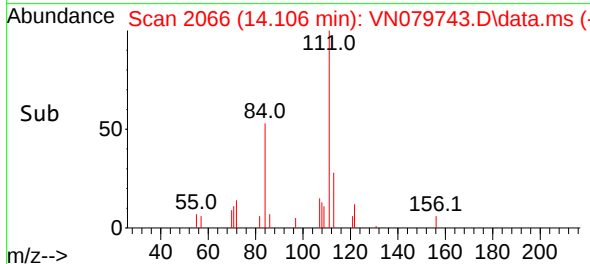
Tgt Ion:146 Resp: 110140
Ion Ratio Lower Upper
146 100
111 44.5 22.0 66.0
148 63.7 31.8 95.3

Manual Integrations
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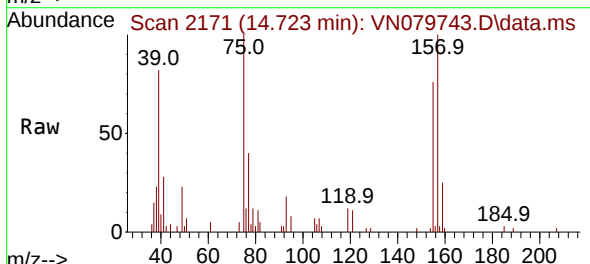
Reviewed By :John
Carlone

11/01/2023
Supervised By :Semsettin
Yesilyurt

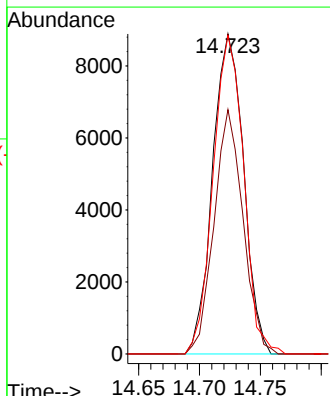
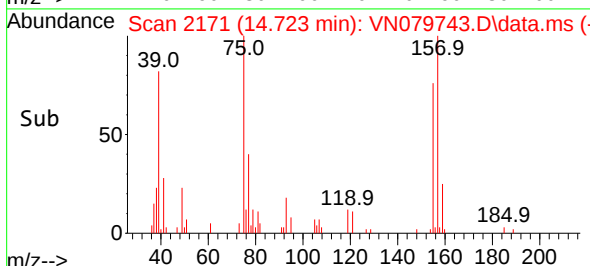
11/02/2023

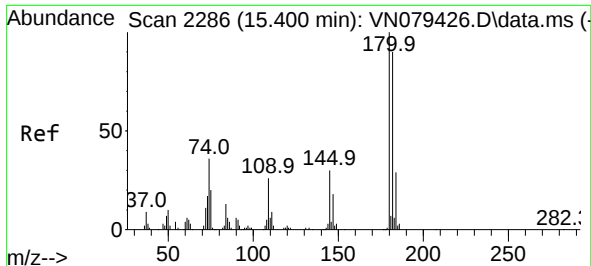


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.792 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079743.D
Acq: 31 Oct 2023 14:55



Tgt Ion: 75 Resp: 15733
Ion Ratio Lower Upper
75 100
155 71.6 39.1 117.2
157 97.8 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 16.072 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN079743.D

Acq: 31 Oct 2023 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBSD01

Tgt Ion:180	Resp:	2842
Ion Ratio	Lower	Upper
180	100	
182	95.9	46.1 138.2
145	33.5	16.6 49.8

Manual Integrations

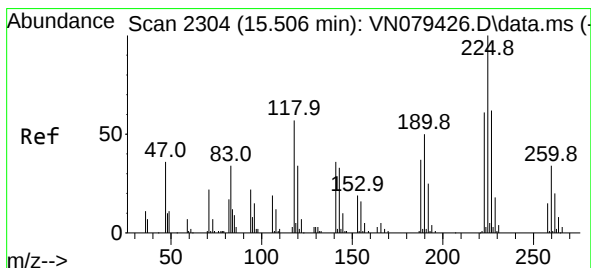
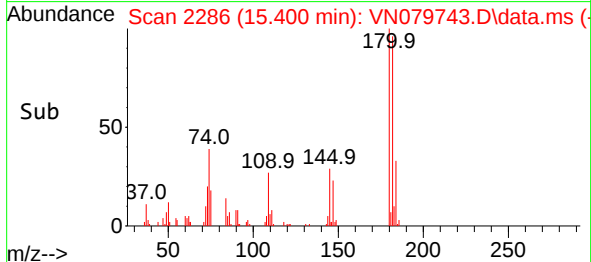
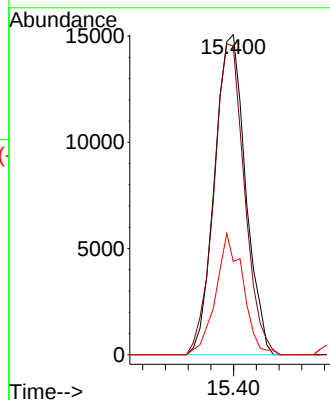
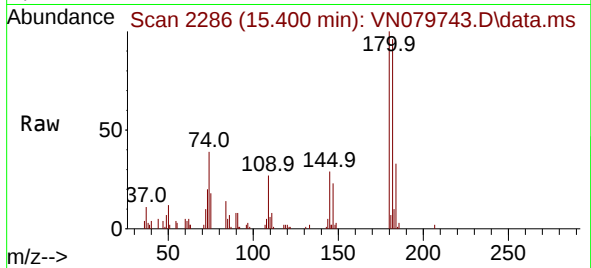
APPROVED

Reviewed By :John
Carlone

11/01/2023

Supervised By :Semsettin
Yesilyurt

11/02/2023



#94

Hexachlorobutadiene

Concen: 17.979 ug/l

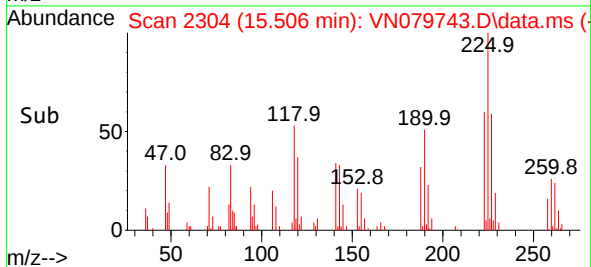
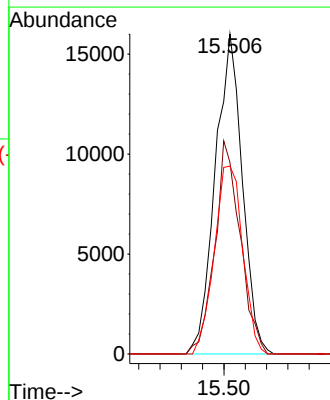
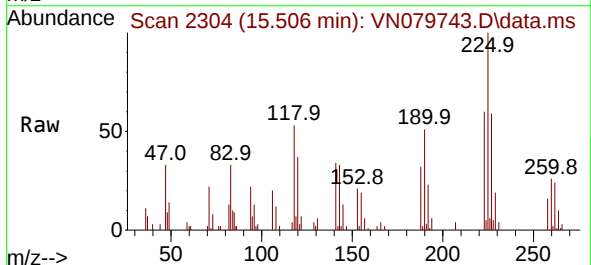
RT: 15.506 min Scan# 2304

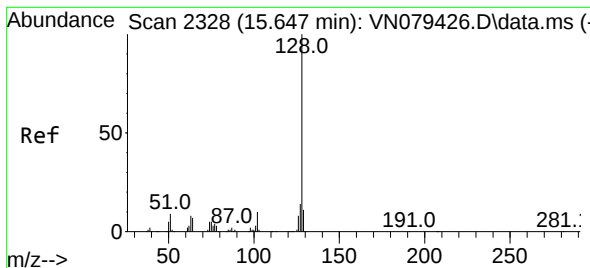
Delta R.T. -0.000 min

Lab File: VN079743.D

Acq: 31 Oct 2023 14:55

Tgt Ion:225	Resp:	28213
Ion Ratio	Lower	Upper
225	100	
223	62.5	31.3 93.8
227	61.9	31.9 95.9





#95

Naphthalene

Concen: 14.774 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN079743.D

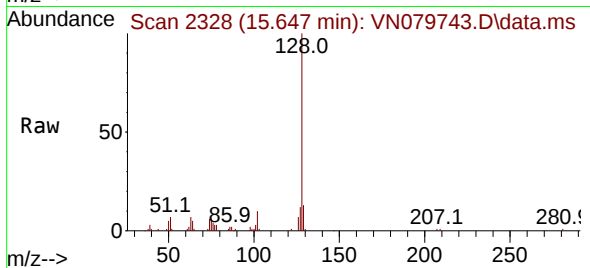
Acq: 31 Oct 2023 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBSD01



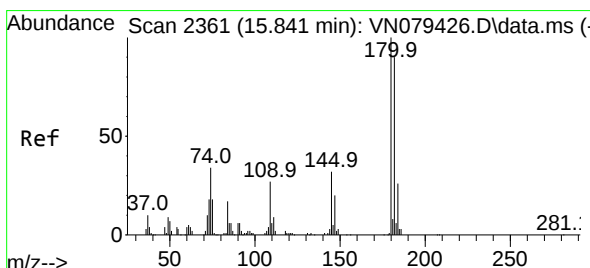
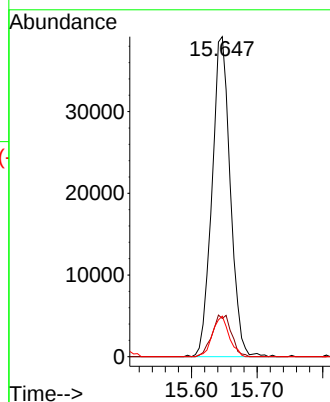
Tgt Ion:	128	Resp:	75854
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.0	15.0
129	11.6	8.7	13.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

11/01/2023
Supervised By :Semsettin
Yesilyurt

11/02/2023



#96

1,2,3-Trichlorobenzene

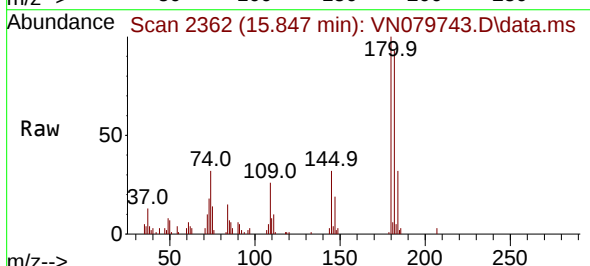
Concen: 17.556 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN079743.D

Acq: 31 Oct 2023 14:55



Tgt Ion:	180	Resp:	34673
Ion Ratio	Lower	Upper	
180	100		
182	86.7	46.2	138.6
145	32.4	17.5	52.6

