

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060923\
 Data File : VN078137.D
 Acq On : 09 Jun 2023 11:26
 Operator : JC\MD
 Sample : VN0609WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 09 23:05:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	392580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	708239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	625758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	234896	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	282842	54.036	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.080%	
35) Dibromofluoromethane	8.177	113	230420	51.455	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.900%	
50) Toluene-d8	10.571	98	877379	50.823	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.640%	
62) 4-Bromofluorobenzene	12.853	95	272129	50.706	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.420%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	75977	17.121	ug/l	98
3) Chloromethane	2.371	50	83896	18.963	ug/l	97
4) Vinyl Chloride	2.518	62	103155	17.752	ug/l	94
5) Bromomethane	2.965	94	82786	18.851	ug/l	93
6) Chloroethane	3.130	64	74640	18.842	ug/l	93
7) Trichlorofluoromethane	3.506	101	140846	17.874	ug/l	95
8) Diethyl Ether	3.971	74	53744	19.410	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.383	101	77345	18.598	ug/l	98
10) Methyl Iodide	4.600	142	106002	18.024	ug/l	96
11) Tert butyl alcohol	5.530	59	68700	95.054	ug/l	99
12) 1,1-Dichloroethene	4.353	96	76985	17.958	ug/l	96
13) Acrolein	4.189	56	78504	98.554	ug/l	99
14) Allyl chloride	5.036	41	99527	19.019	ug/l	90
15) Acrylonitrile	5.730	53	190598	102.288	ug/l	99
16) Acetone	4.442	43	160200	106.331	ug/l	97
17) Carbon Disulfide	4.730	76	185269	16.790	ug/l	99
18) Methyl Acetate	5.036	43	136782	19.719	ug/l	90
19) Methyl tert-butyl Ether	5.800	73	265990	19.447	ug/l	100
20) Methylene Chloride	5.289	84	93990	18.878	ug/l	92
21) trans-1,2-Dichloroethene	5.794	96	83452	18.048	ug/l	96
22) Diisopropyl ether	6.683	45	250027	20.312	ug/l #	93
23) Vinyl Acetate	6.612	43	732854	100.154	ug/l	93
24) 1,1-Dichloroethane	6.577	63	155333	19.129	ug/l	99
25) 2-Butanone	7.488	43	235673	101.721	ug/l #	86
26) 2,2-Dichloropropane	7.500	77	129851	21.657	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	98918	17.935	ug/l	91
28) Bromochloromethane	7.824	49	83053	22.276	ug/l	90
29) Tetrahydrofuran	7.847	42	150393	97.101	ug/l	86
30) Chloroform	7.971	83	171137	19.572	ug/l	92
31) Cyclohexane	8.259	56	127022	18.918	ug/l	89
32) 1,1,1-Trichloroethane	8.177	97	147329	19.192	ug/l	96
36) 1,1-Dichloropropene	8.377	75	122093	19.008	ug/l	97
37) Ethyl Acetate	7.571	43	104149	20.756	ug/l	94
38) Carbon Tetrachloride	8.371	117	129301	19.064	ug/l	95
39) Methylcyclohexane	9.606	83	122830	18.452	ug/l	92
40) Benzene	8.612	78	372474	19.424	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	50997	18.750	ug/l	94
42) 1,2-Dichloroethane	8.677	62	137402	20.898	ug/l	97
43) Isopropyl Acetate	8.694	43	174547	18.189	ug/l	94
44) Trichloroethene	9.359	130	92862	18.337	ug/l	91
45) 1,2-Dichloropropane	9.630	63	94798	19.869	ug/l	98
46) Dibromomethane	9.712	93	68897	19.605	ug/l	98
47) Bromodichloromethane	9.894	83	132285	20.265	ug/l	94
48) Methyl methacrylate	9.688	41	76594	19.019	ug/l	92
49) 1,4-Dioxane	9.700	88	32988	389.729	ug/l #	91
51) 4-Methyl-2-Pentanone	10.453	43	506304	100.191	ug/l	93
52) Toluene	10.635	92	235651	19.463	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	137966	20.294	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	151362	20.141	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	93253	20.360	ug/l	95
56) Ethyl methacrylate	10.876	69	132122	19.811	ug/l #	88
57) 1,3-Dichloropropane	11.171	76	158343	20.481	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	246350	91.442	ug/l	94
59) 2-Hexanone	11.200	43	354099	100.635	ug/l	93
60) Dibromochloromethane	11.365	129	99264	19.806	ug/l	100
61) 1,2-Dibromoethane	11.476	107	93507	19.454	ug/l	98
64) Tetrachloroethene	11.106	164	81234	19.459	ug/l	93
65) Chlorobenzene	11.894	112	245328	18.307	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	93066	18.882	ug/l	98
67) Ethyl Benzene	11.971	91	429659	18.581	ug/l	100
68) m/p-Xylenes	12.076	106	329714	37.415	ug/l	98
69) o-Xylene	12.406	106	162907	18.825	ug/l	97
70) Styrene	12.418	104	252542	18.537	ug/l	97
71) Bromoform	12.582	173	59227	18.620	ug/l #	96
73) Isopropylbenzene	12.700	105	395969	17.826	ug/l	98
74) N-amyl acetate	12.500	43	131109	17.924	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	129283	19.677	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	150344	27.074	ug/l	75
77) Bromobenzene	12.988	156	88465	17.156	ug/l	93
78) n-propylbenzene	13.041	91	449261	18.616	ug/l	100
79) 2-Chlorotoluene	13.129	91	279699	17.955	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	328273	18.254	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	35331	19.548	ug/l	90
82) 4-Chlorotoluene	13.229	91	269323	18.524	ug/l	100
83) tert-Butylbenzene	13.441	119	275032	17.594	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	328654	18.850	ug/l	99
85) sec-Butylbenzene	13.623	105	365321	17.855	ug/l	99
86) p-Isopropyltoluene	13.735	119	291923	17.582	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	153169	17.561	ug/l	100
88) 1,4-Dichlorobenzene	13.817	146	151212	17.967	ug/l	98
89) n-Butylbenzene	14.065	91	223421	17.060	ug/l	98
90) Hexachloroethane	14.341	117	52194	17.713	ug/l	91
91) 1,2-Dichlorobenzene	14.112	146	151426	17.764	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	20257	18.412	ug/l	99
93) 1,2,4-Trichlorobenzene	15.400	180	49536	16.310	ug/l	97
94) Hexachlorobutadiene	15.511	225	28054	17.081	ug/l	97
95) Naphthalene	15.647	128	150824	14.763	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	53704	15.810	ug/l	95

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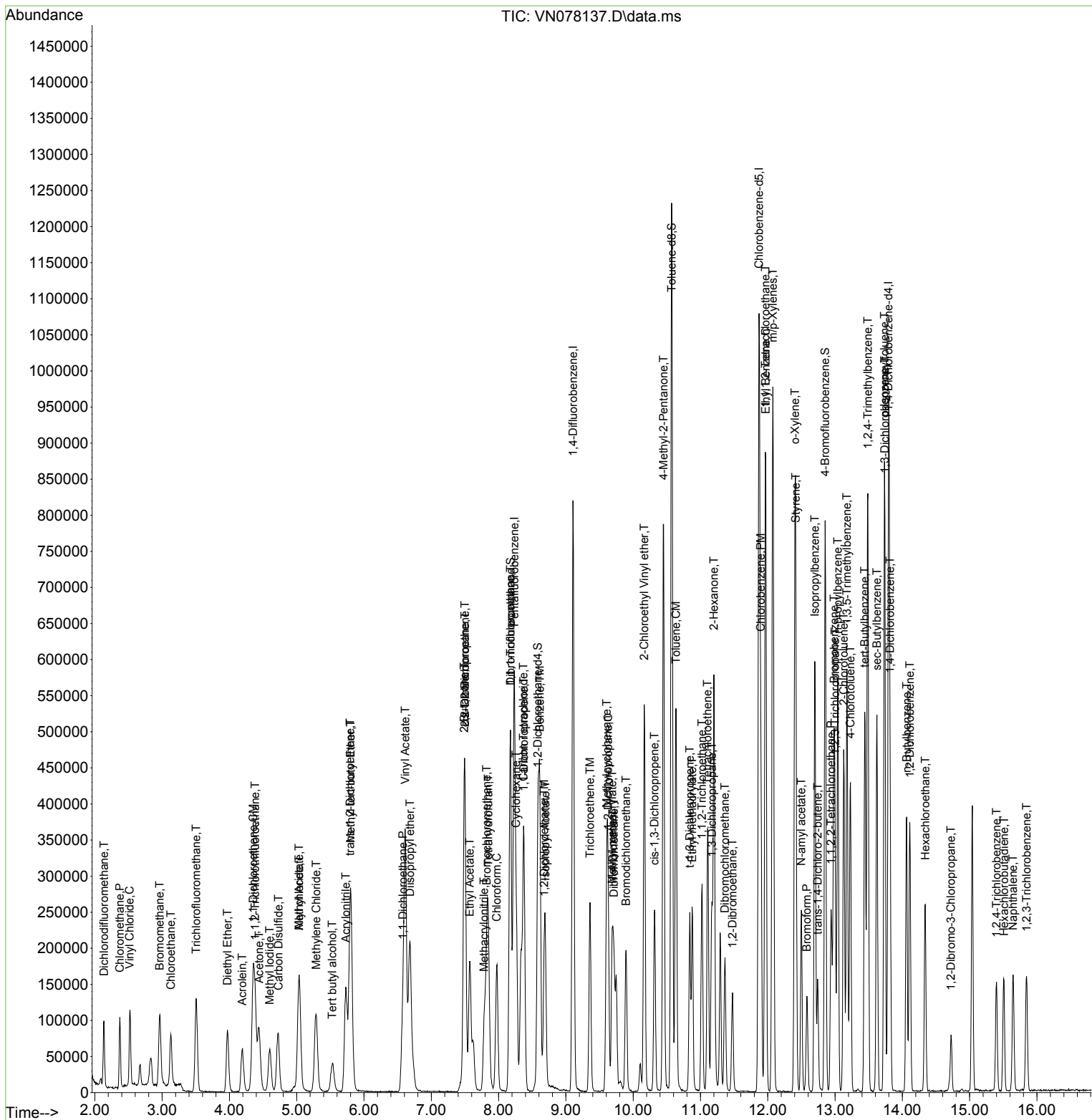
Instrument :
MSVOA_N
ClientSampleId :

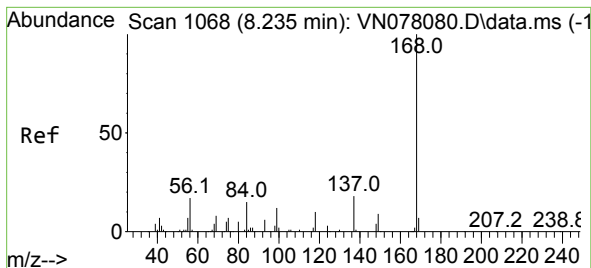
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. 0.000 min

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Instrument :

MSVOA_N

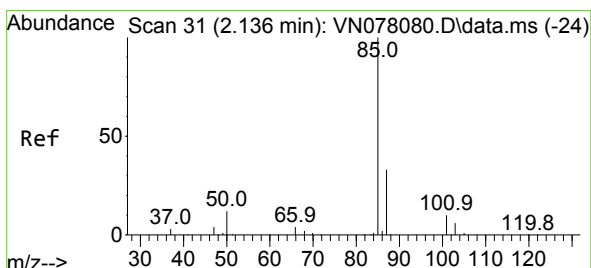
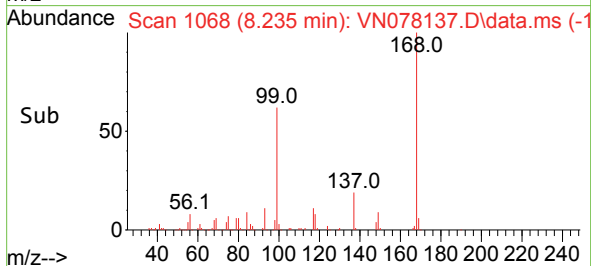
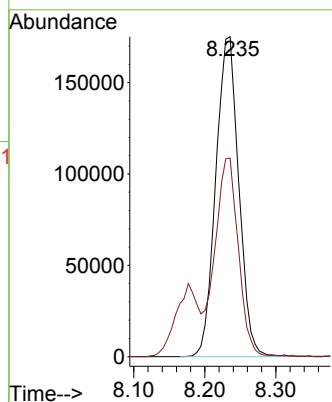
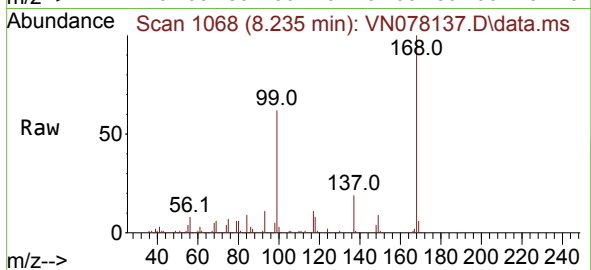
ClientSampleId :

Tgt Ion:168 Resp: 392580

Ion Ratio Lower Upper

168 100

99 61.8 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 17.121 ug/l

RT: 2.136 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN078137.D

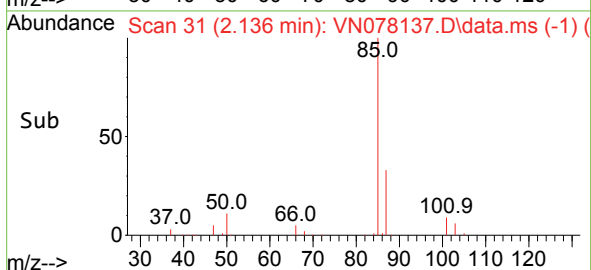
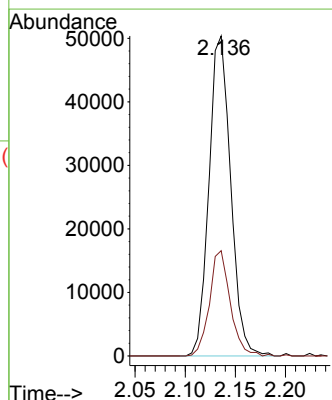
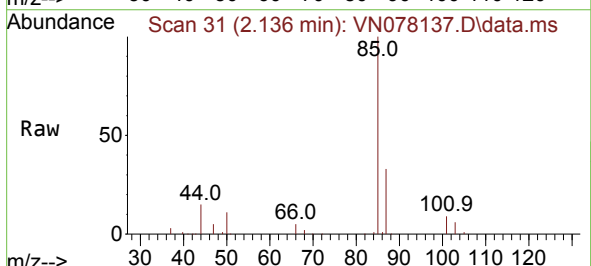
Acq: 09 Jun 2023 11:26

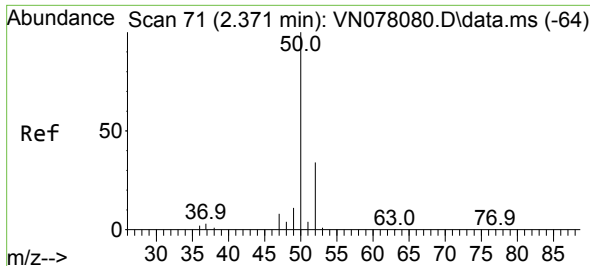
Tgt Ion: 85 Resp: 75977

Ion Ratio Lower Upper

85 100

87 32.9 15.8 47.4

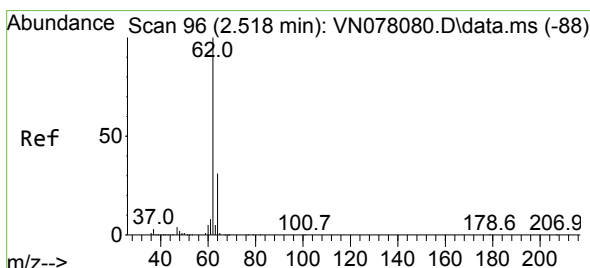
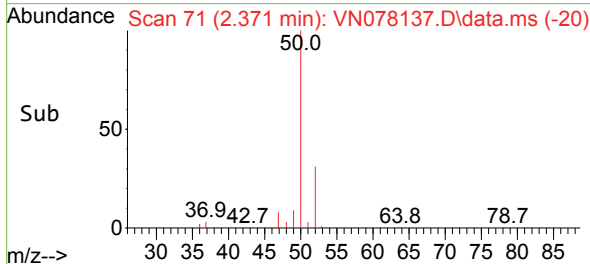
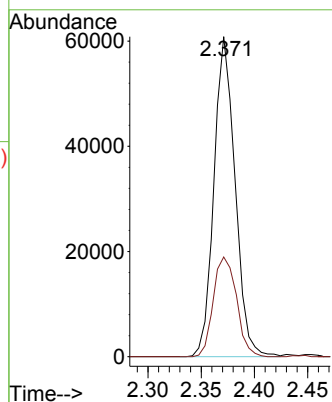
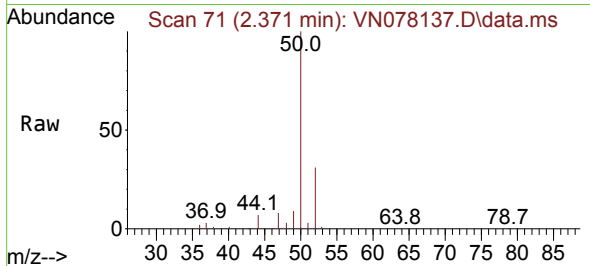




#3
Chloromethane
Concen: 18.963 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078137.D
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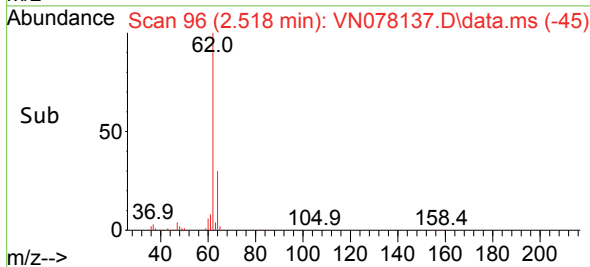
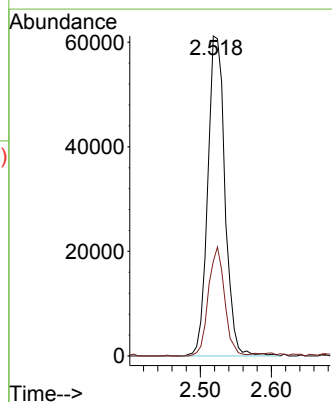
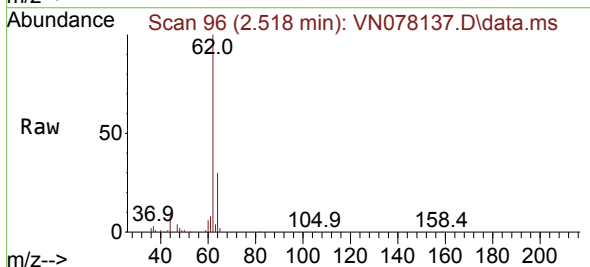
Instrument :
MSVOA_N
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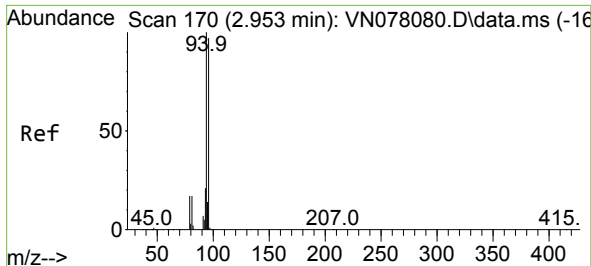
Tgt Ion: 50 Resp: 83896
Ion Ratio Lower Upper
50 100
52 31.1 26.5 39.7



#4
Vinyl Chloride
Concen: 17.752 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

Tgt Ion: 62 Resp: 103155
Ion Ratio Lower Upper
62 100
64 29.6 26.2 39.2

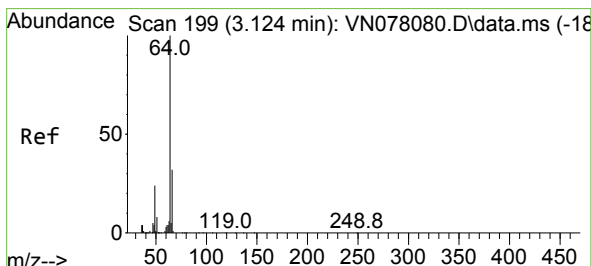
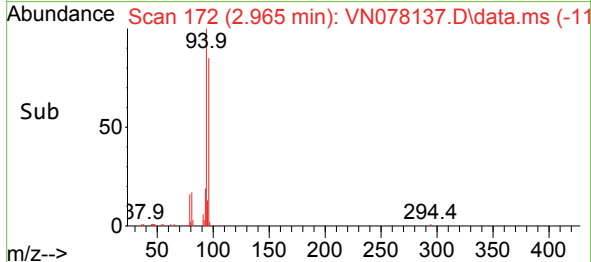
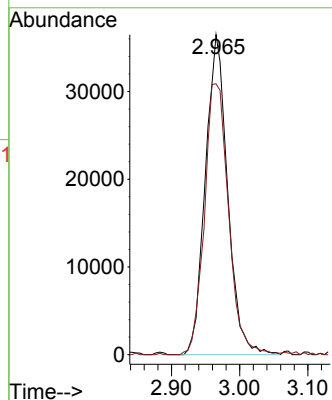
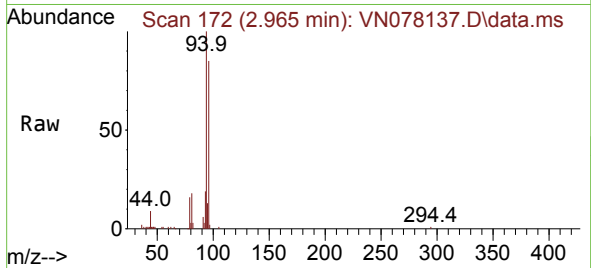




#5
Bromomethane
Concen: 18.851 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

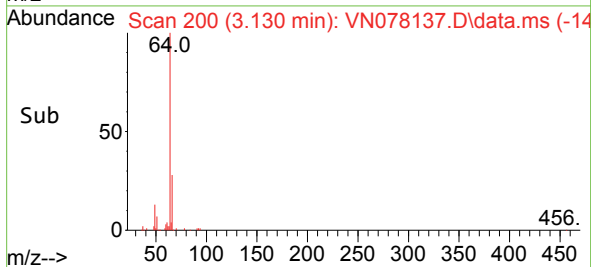
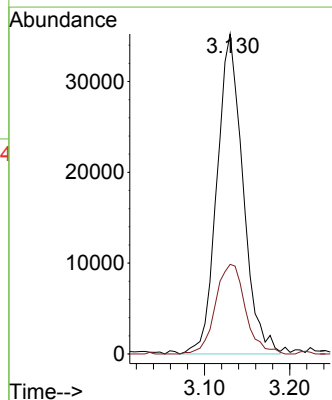
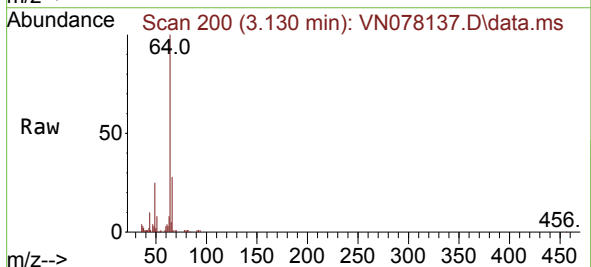
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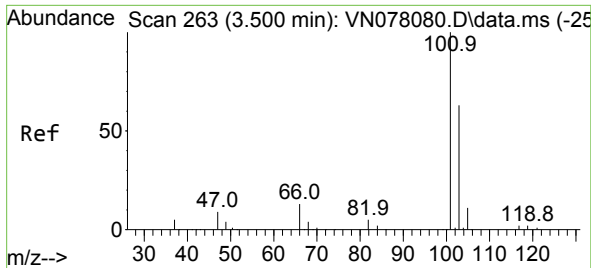
Tgt Ion: 94 Resp: 82786
Ion Ratio Lower Upper
94 100
96 84.6 73.1 109.7



#6
Chloroethane
Concen: 18.842 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

Tgt Ion: 64 Resp: 74640
Ion Ratio Lower Upper
64 100
66 28.0 25.4 38.2

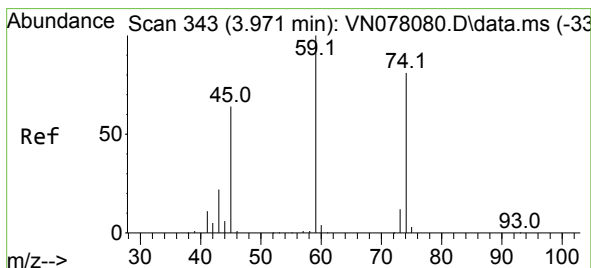
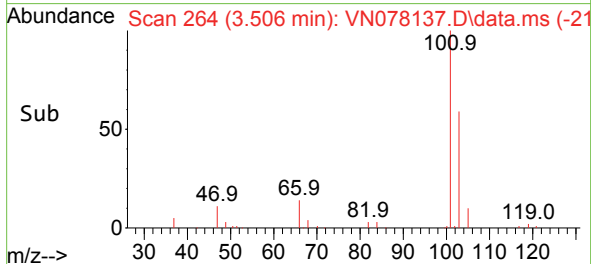
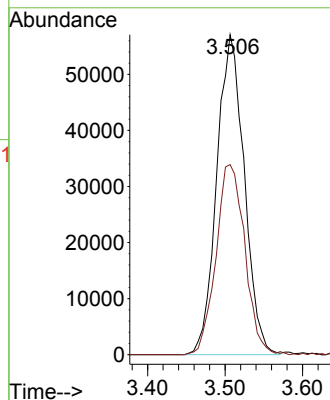
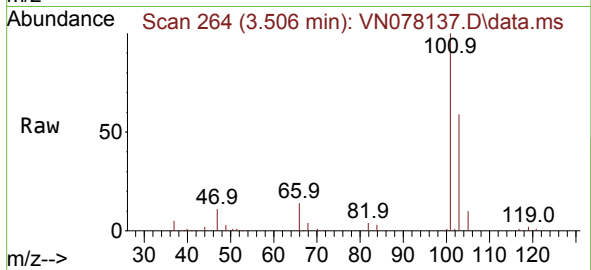




#7
 Trichlorofluoromethane
 Concen: 17.874 ug/l
 RT: 3.506 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN078137.D
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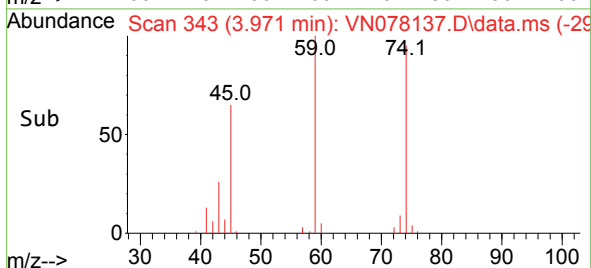
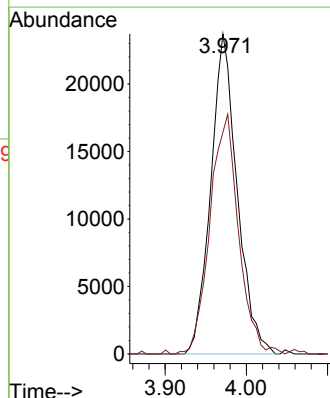
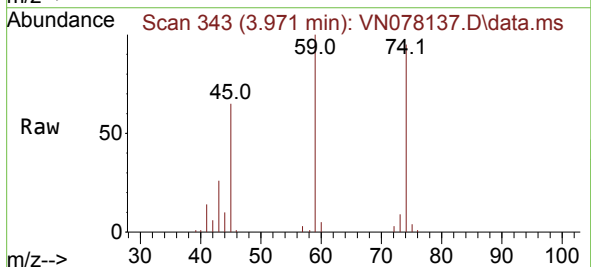
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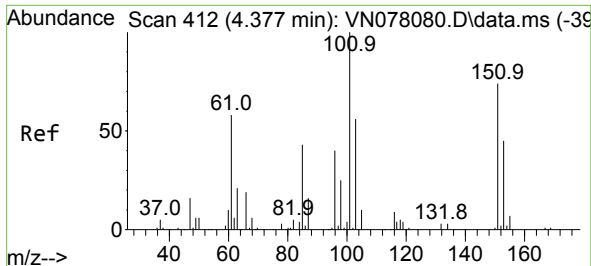
Tgt Ion:101 Resp: 140846
 Ion Ratio Lower Upper
 101 100
 103 59.4 50.7 76.1



#8
 Diethyl Ether
 Concen: 19.410 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
 Lab File: VN078137.D
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Tgt Ion: 74 Resp: 53744
 Ion Ratio Lower Upper
 74 100
 45 80.8 34.4 103.3

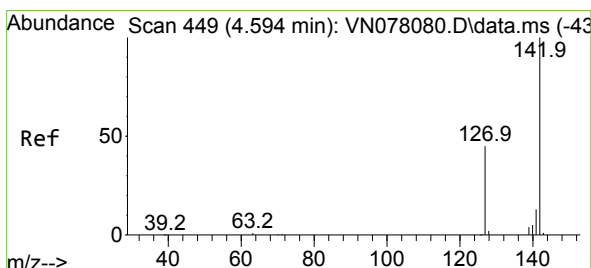
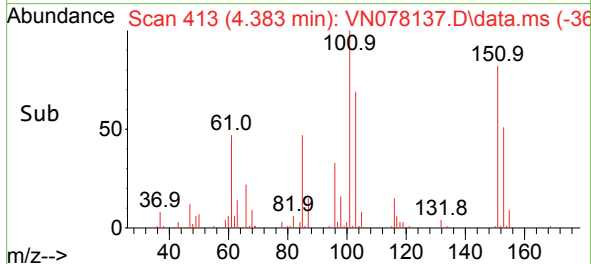
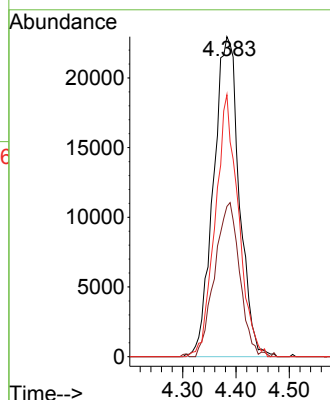
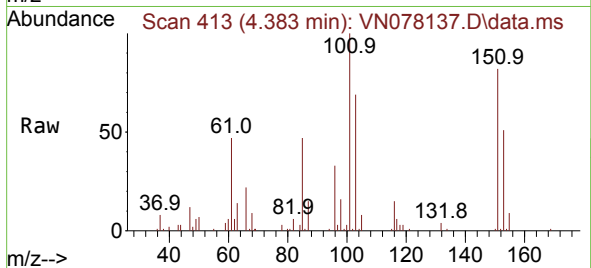




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.598 ug/l
RT: 4.383 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078137.D
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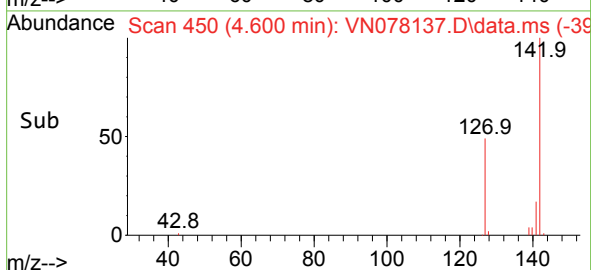
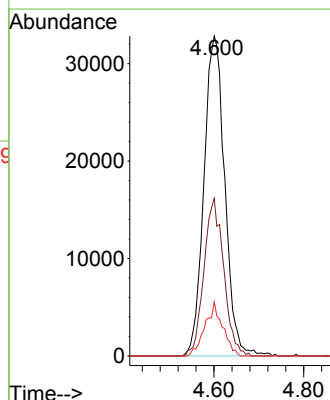
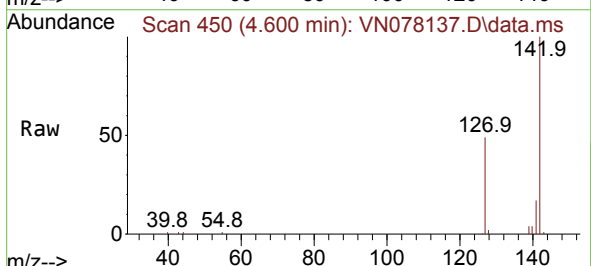
Instrument :
MSVOA_N
ClientSampleId :

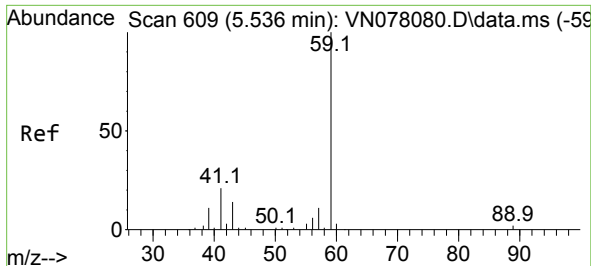
Tgt Ion:101 Resp: 77345
Ion Ratio Lower Upper
101 100
85 46.6 36.6 55.0
151 73.4 57.6 86.4



#10
Methyl Iodide
Concen: 18.024 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

Tgt Ion:142 Resp: 106002
Ion Ratio Lower Upper
142 100
127 49.3 37.6 56.4
141 16.8 11.4 17.0

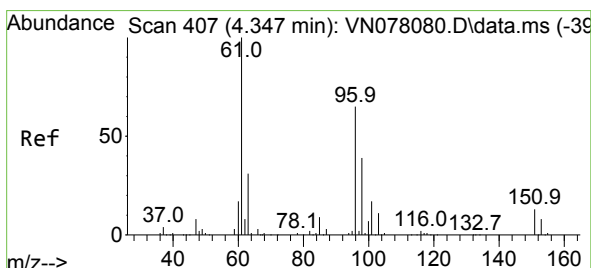
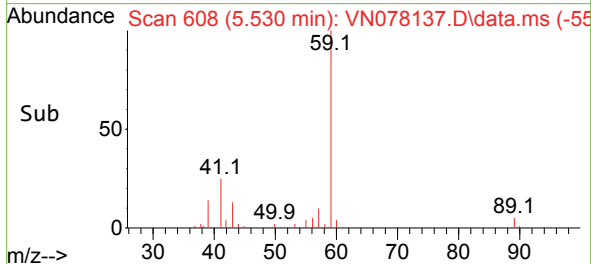
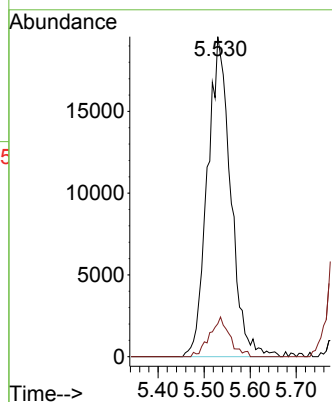
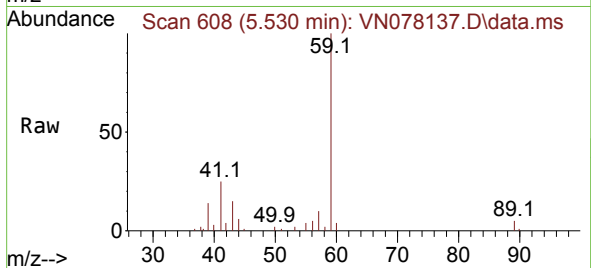




#11
Tert butyl alcohol
Concen: 95.054 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

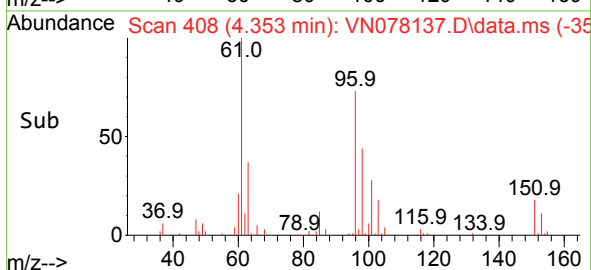
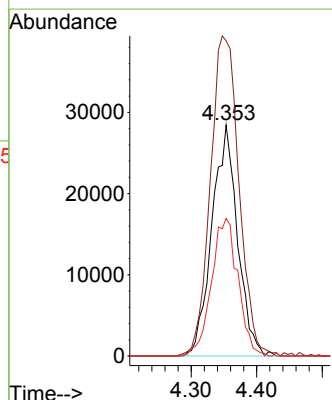
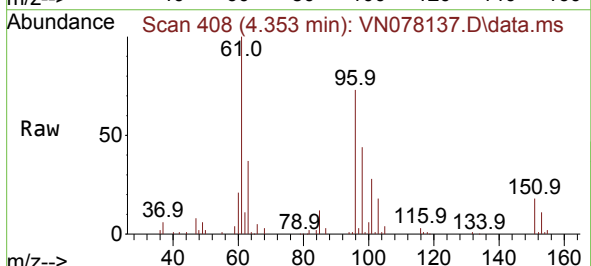
Instrument :
MSVOA_N
ClientSampleId :

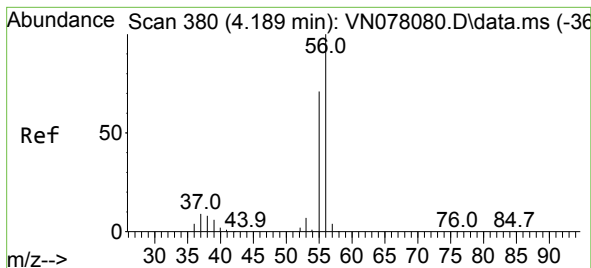
Tgt Ion: 59 Resp: 68700
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 17.958 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

Tgt Ion: 96 Resp: 76985
Ion Ratio Lower Upper
96 100
61 136.5 112.7 169.1
98 59.6 51.2 76.8





#13

Acrolein

Concen: 98.554 ug/l

RT: 4.189 min Scan# 380

Delta R.T. 0.000 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

Instrument :

MSVOA_N

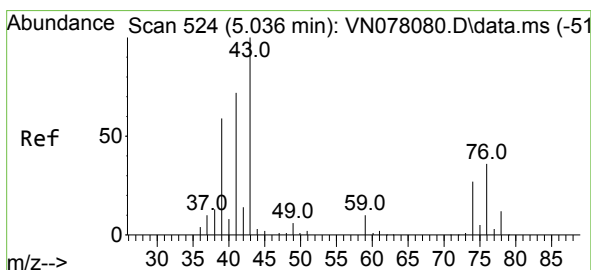
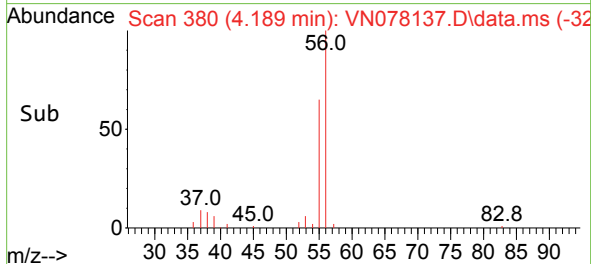
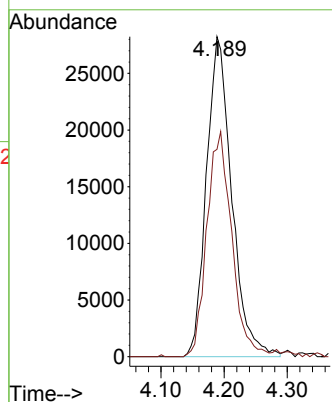
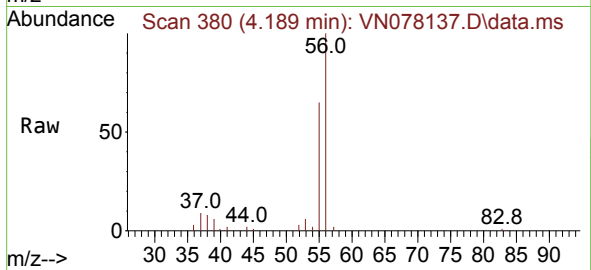
ClientSampleId :

Tgt Ion: 56 Resp: 78504

Ion Ratio Lower Upper

56 100

55 68.9 54.5 81.7



#14

Allyl chloride

Concen: 19.019 ug/l

RT: 5.036 min Scan# 524

Delta R.T. 0.000 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

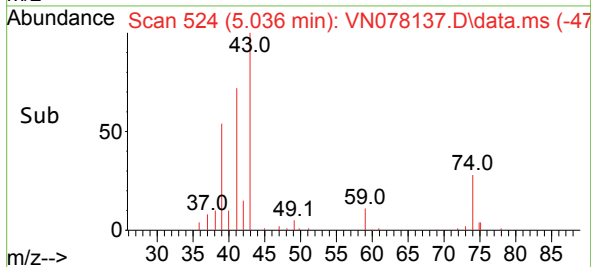
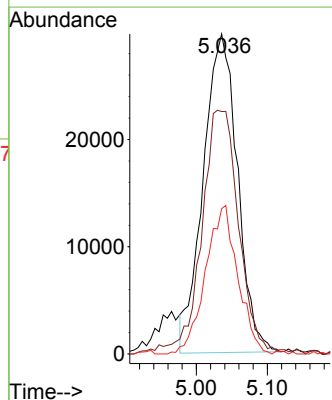
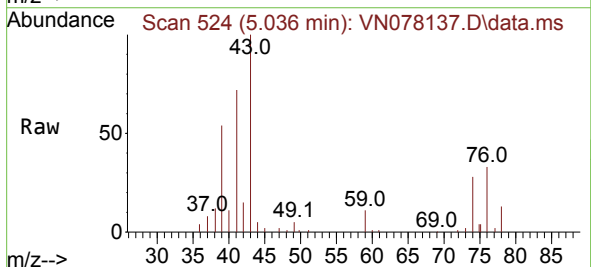
Tgt Ion: 41 Resp: 99527

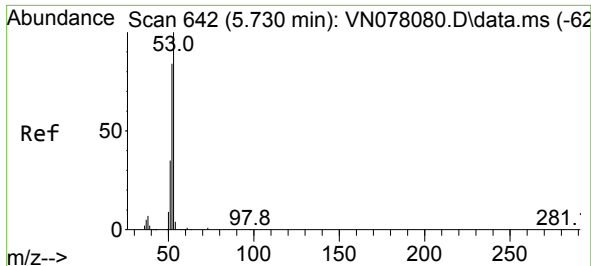
Ion Ratio Lower Upper

41 100

39 82.9 58.8 88.2

76 43.9 39.1 58.7

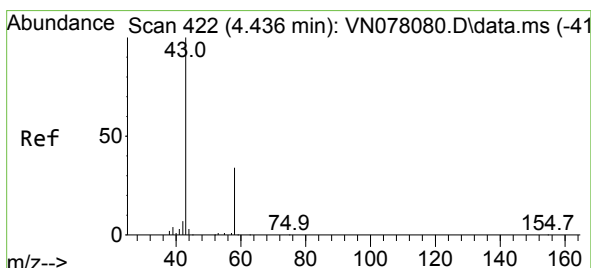
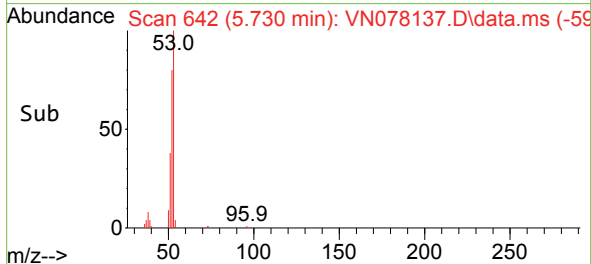
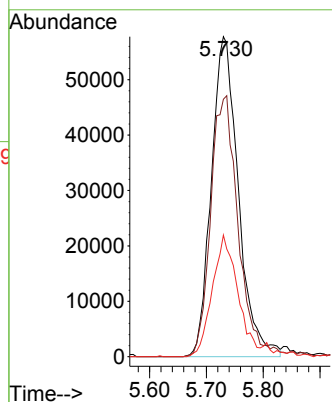
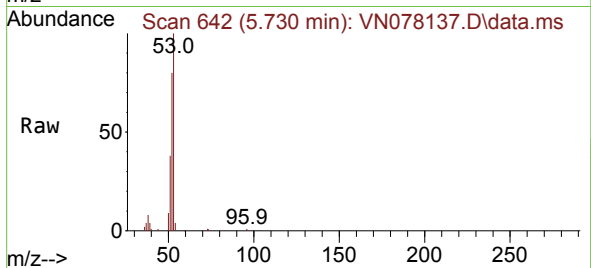




#15
Acrylonitrile
Concen: 102.288 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

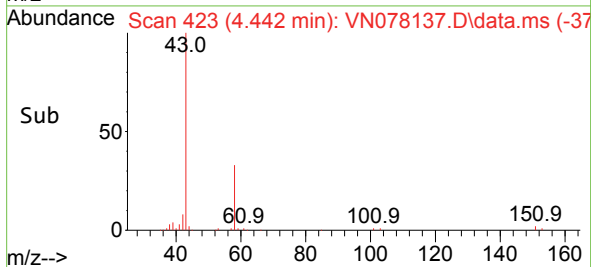
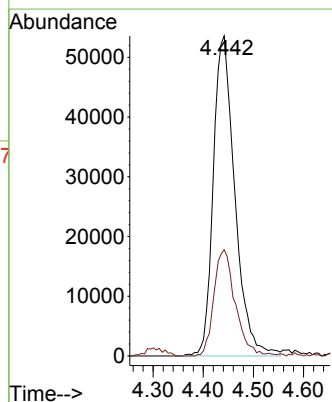
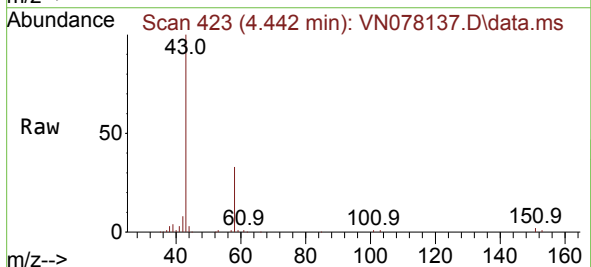
Instrument :
MSVOA_N
ClientSampleId :

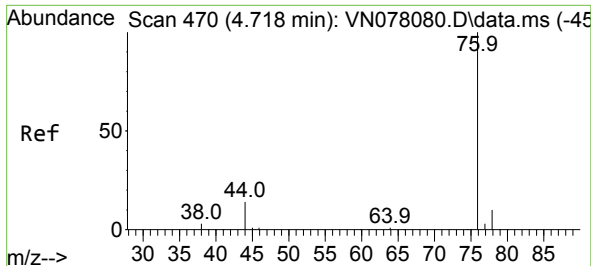
Tgt Ion: 53 Resp: 190598
Ion Ratio Lower Upper
53 100
52 82.8 65.3 97.9
51 35.9 28.9 43.3



#16
Acetone
Concen: 106.331 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

Tgt Ion: 43 Resp: 160200
Ion Ratio Lower Upper
43 100
58 33.2 28.0 42.0

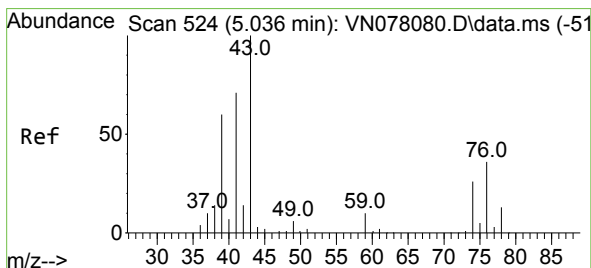
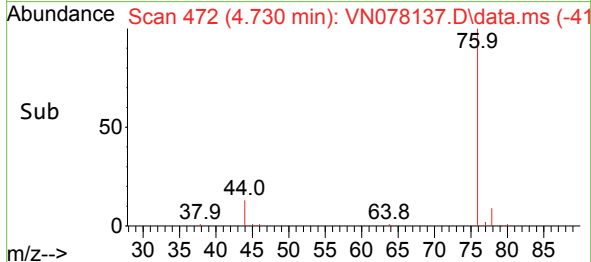
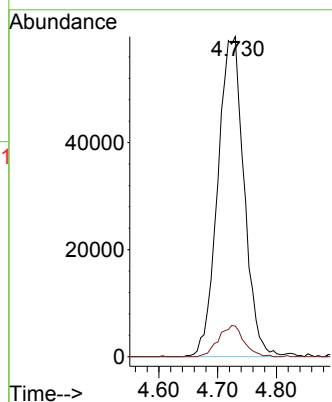
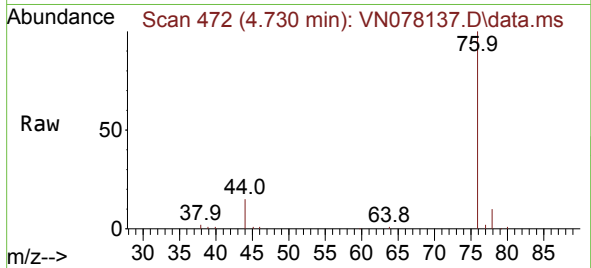




#17
Carbon Disulfide
Concen: 16.790 ug/l
RT: 4.730 min Scan# 470
Delta R.T. 0.012 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

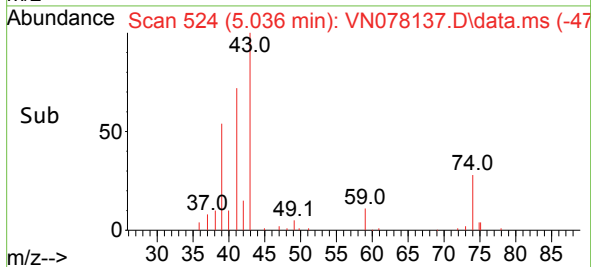
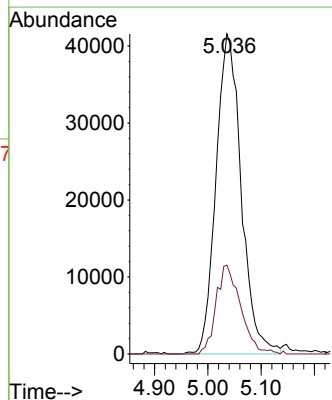
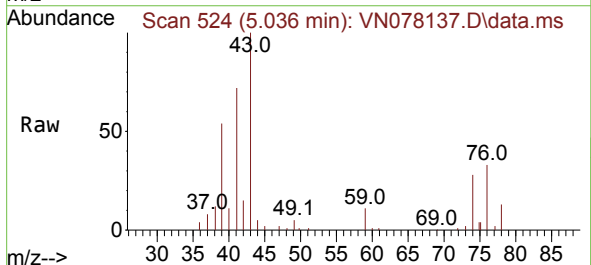
Instrument :
MSVOA_N
ClientSampleId :

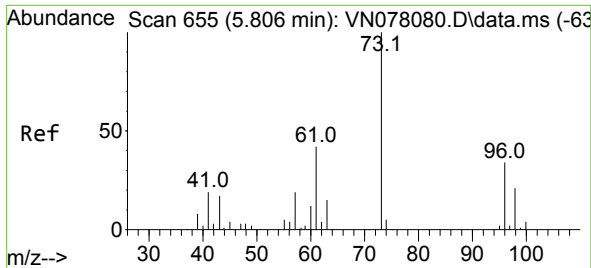
Tgt Ion: 76 Resp: 185269
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 19.719 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

Tgt Ion: 43 Resp: 136782
Ion Ratio Lower Upper
43 100
74 26.9 26.2 39.4

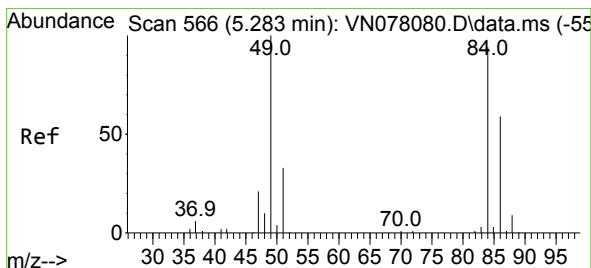
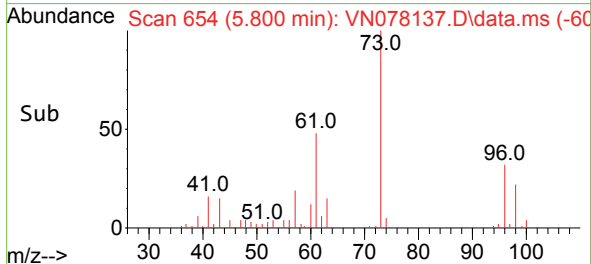
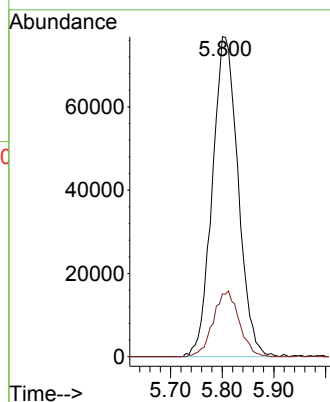
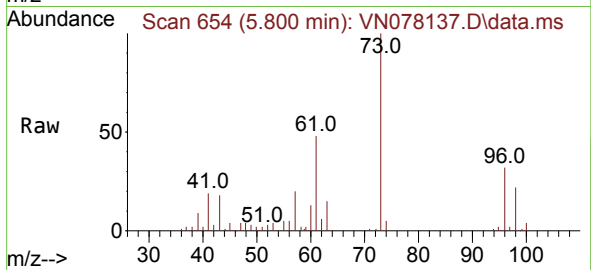




#19
Methyl tert-butyl Ether
Concen: 19.447 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

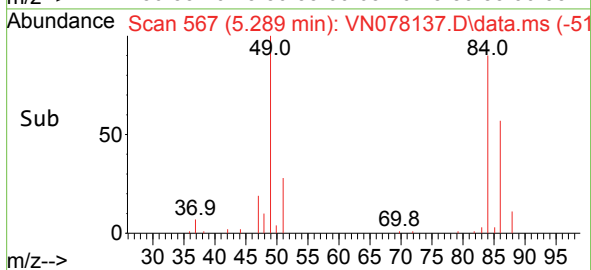
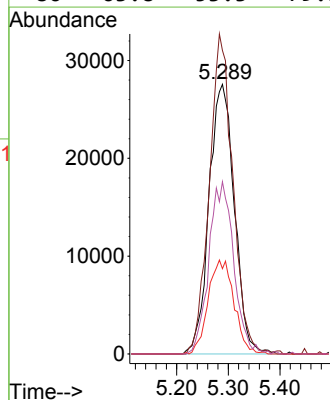
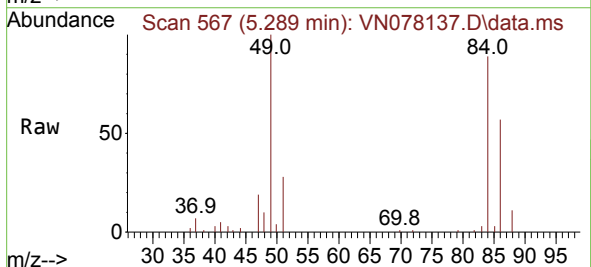
Instrument :
MSVOA_N
ClientSampleId :

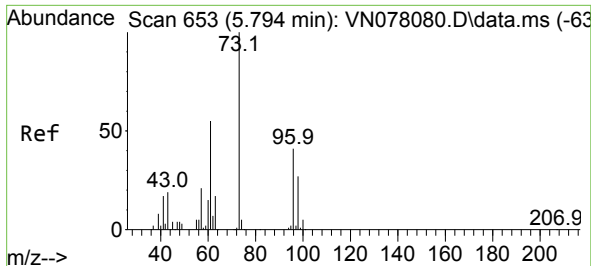
Tgt Ion: 73 Resp: 265990
Ion Ratio Lower Upper
73 100
57 19.6 15.6 23.4



#20
Methylene Chloride
Concen: 18.878 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

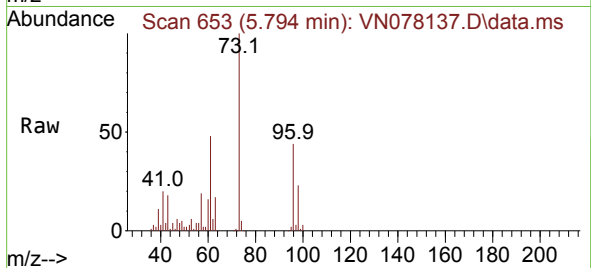
Tgt Ion: 84 Resp: 93990
Ion Ratio Lower Upper
84 100
49 112.5 79.7 119.5
51 31.6 25.2 37.8
86 63.8 53.3 79.9



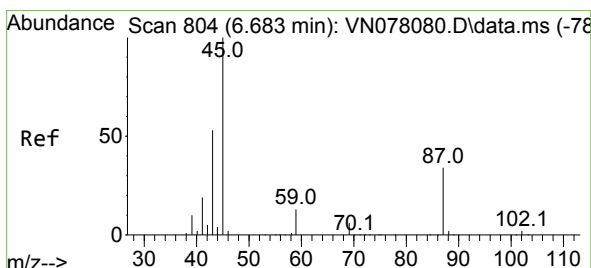
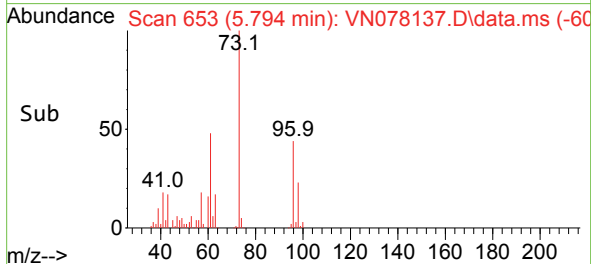
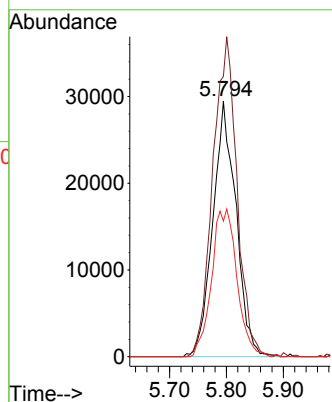


#21
trans-1,2-Dichloroethene
Concen: 18.048 ug/l
RT: 5.794 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

Instrument :
MSVOA_N
ClientSampleId :

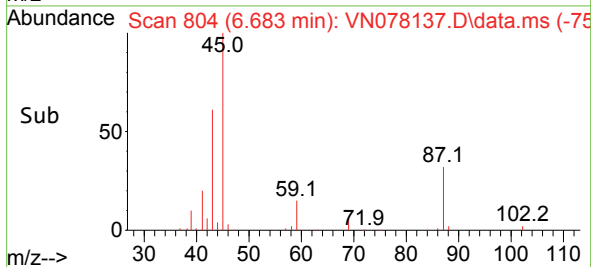
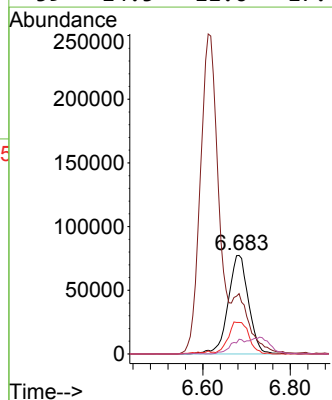
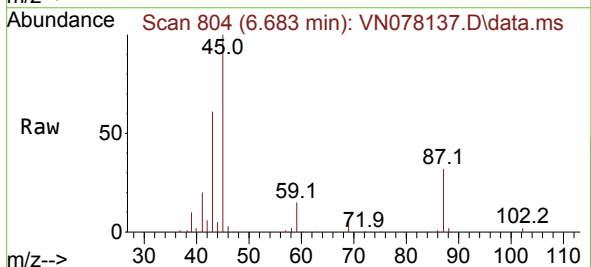


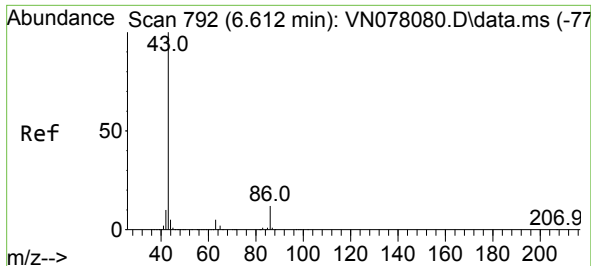
Tgt Ion: 96 Resp: 83452
Ion Ratio Lower Upper
96 100
61 109.7 90.1 135.1
98 53.0 46.4 69.6



#22
Diisopropyl ether
Concen: 20.312 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

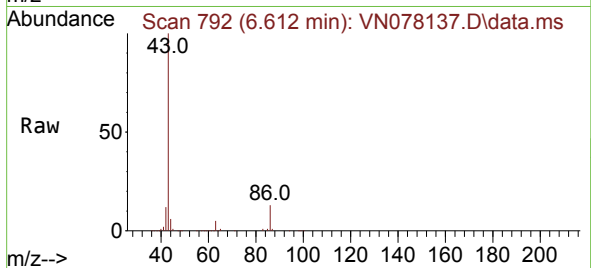
Tgt Ion: 45 Resp: 250027
Ion Ratio Lower Upper
45 100
43 60.6 45.5 68.3
87 31.8 31.8 47.8#
59 14.5 11.6 17.4



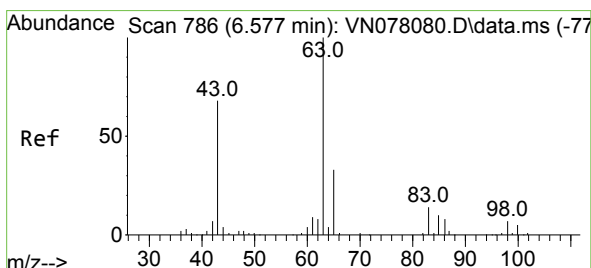
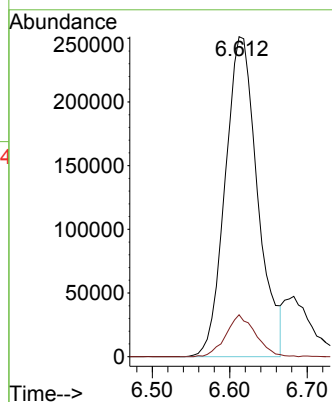
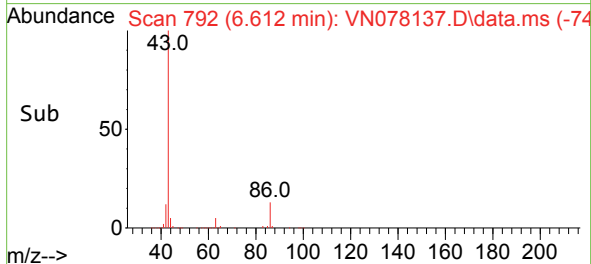


#23
 Vinyl Acetate
 Concen: 100.154 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078137.D
 Acq: 09 Jun 2023 11:26

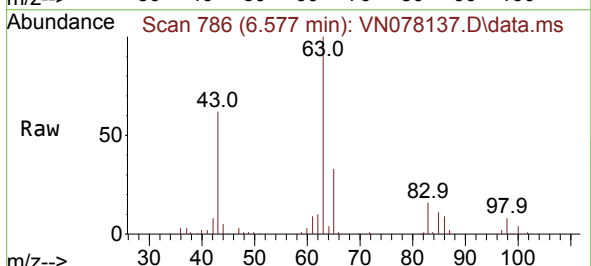
Instrument :
 MSVOA_N
 ClientSampleId :



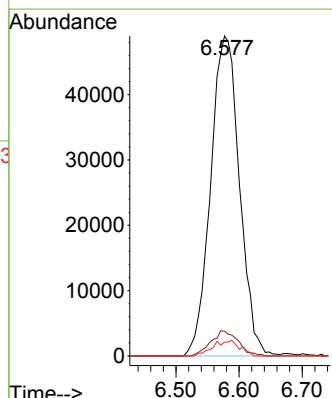
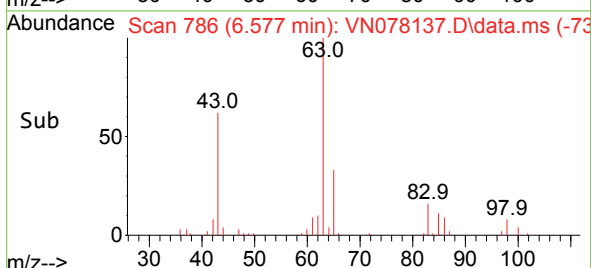
Tgt Ion: 43 Resp: 732854
 Ion Ratio Lower Upper
 43 100
 86 13.1 13.0 19.6

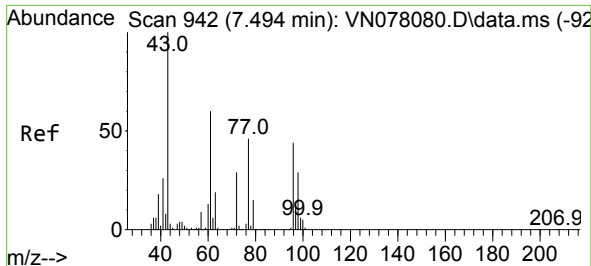


#24
 1,1-Dichloroethane
 Concen: 19.129 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN078137.D
 Acq: 09 Jun 2023 11:26



Tgt Ion: 63 Resp: 155333
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 4.4 2.5 7.4

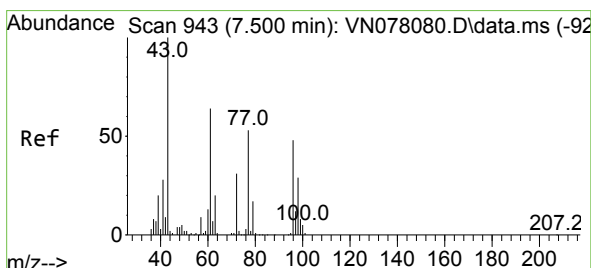
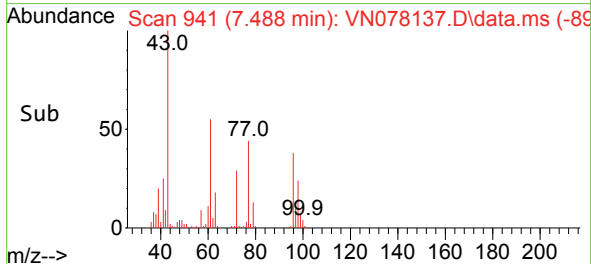
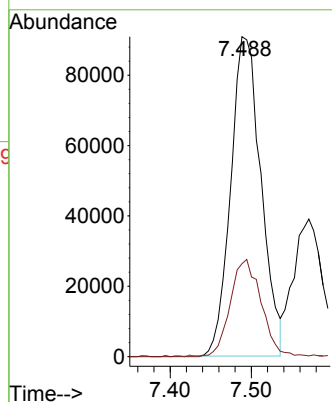
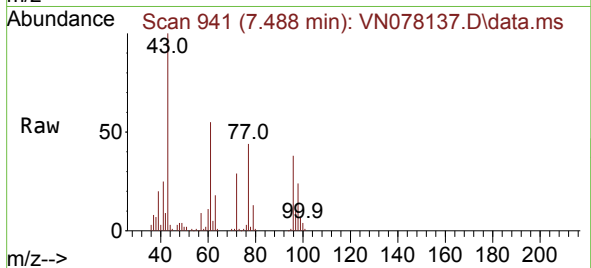




#25
2-Butanone
Concen: 101.721 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

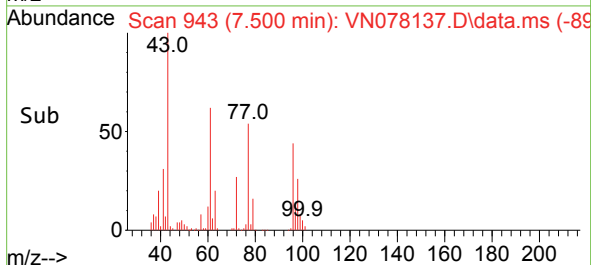
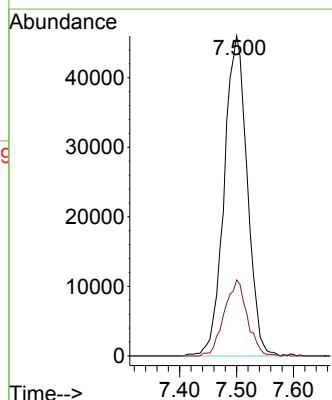
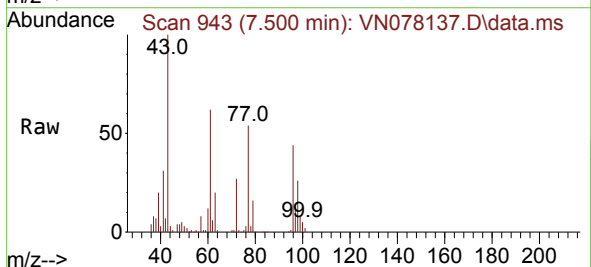
Instrument :
MSVOA_N
ClientSampleId :

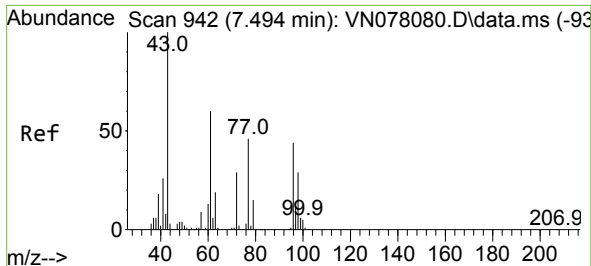
Tgt Ion: 43 Resp: 235673
Ion Ratio Lower Upper
43 100
72 29.1 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 21.657 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

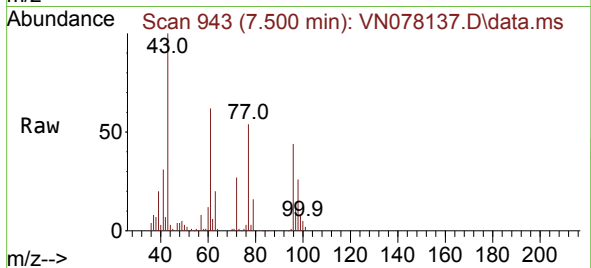
Tgt Ion: 77 Resp: 129851
Ion Ratio Lower Upper
77 100
97 23.6 11.2 33.6



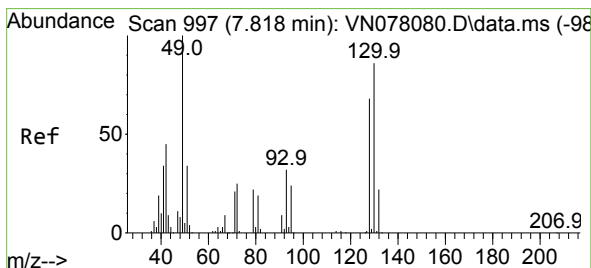
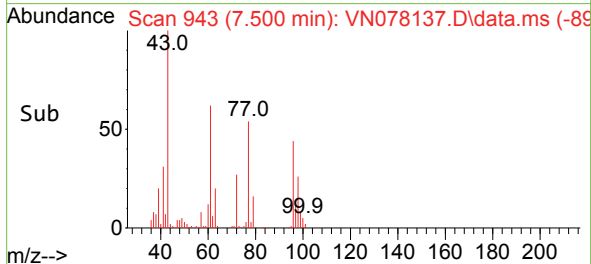
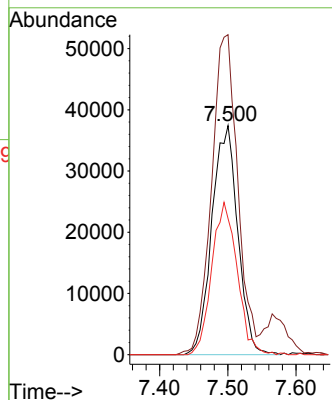


#27
 cis-1,2-Dichloroethene
 Concen: 17.935 ug/l
 RT: 7.500 min Scan# 94
 Delta R.T. 0.006 min
 Lab File: VN078137.D
 Acq: 09 Jun 2023 11:26

Instrument :
 MSVOA_N
 ClientSampleId :

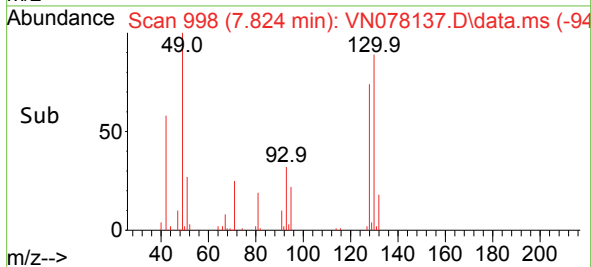
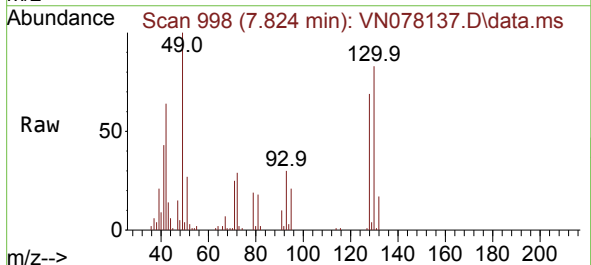
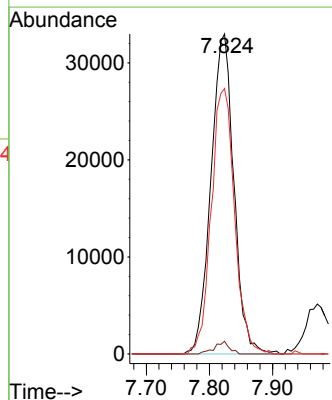


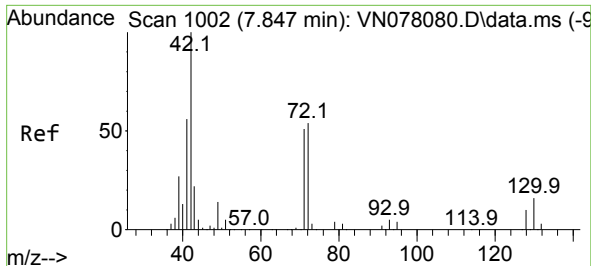
Tgt Ion: 96 Resp: 98918
 Ion Ratio Lower Upper
 96 100
 61 141.9 0.0 255.2
 98 65.3 0.0 128.8



#28
 Bromochloromethane
 Concen: 22.276 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078137.D
 Acq: 09 Jun 2023 11:26

Tgt Ion: 49 Resp: 83053
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.8
 130 84.5 75.3 112.9





#29

Tetrahydrofuran

Concen: 97.101 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

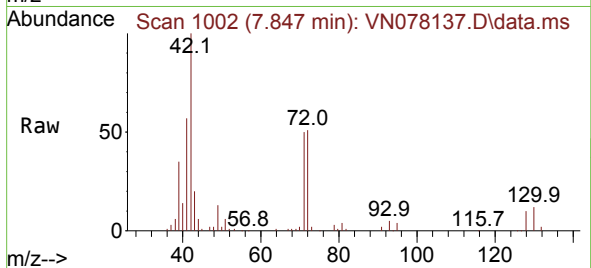
Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

Instrument :

MSVOA_N

ClientSampleId :



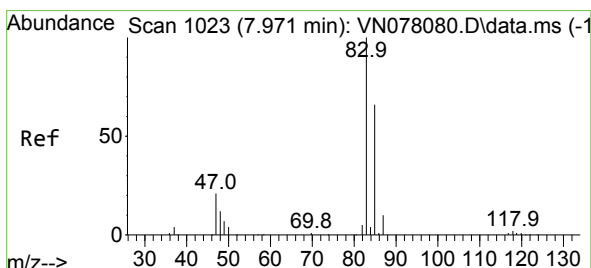
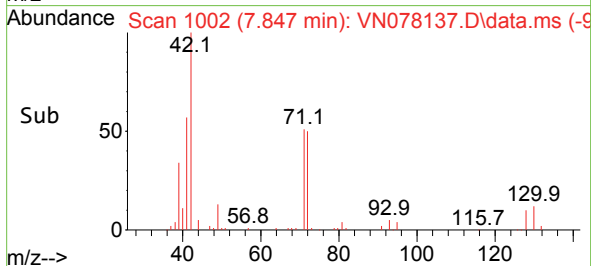
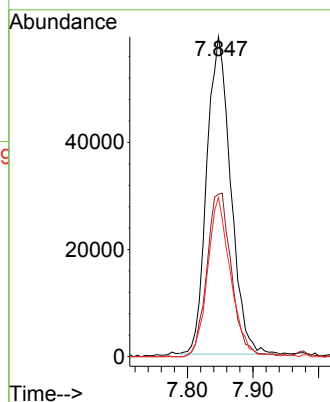
Tgt Ion: 42 Resp: 150393

Ion Ratio Lower Upper

42 100

72 52.9 49.8 74.6

71 48.0 47.4 71.2



#30

Chloroform

Concen: 19.572 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN078137.D

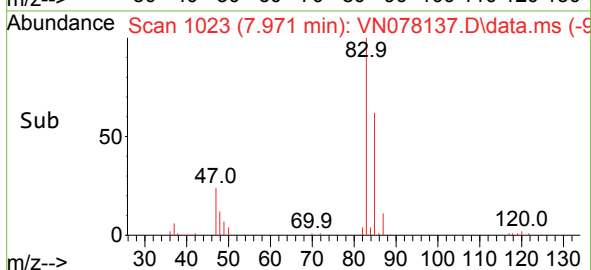
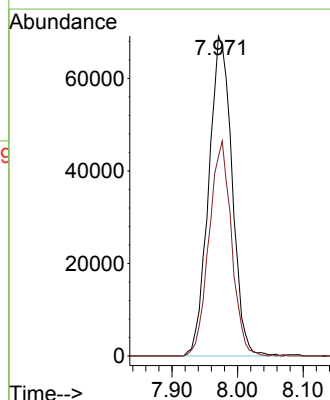
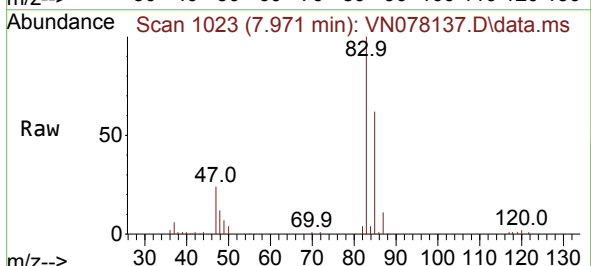
Acq: 09 Jun 2023 11:26

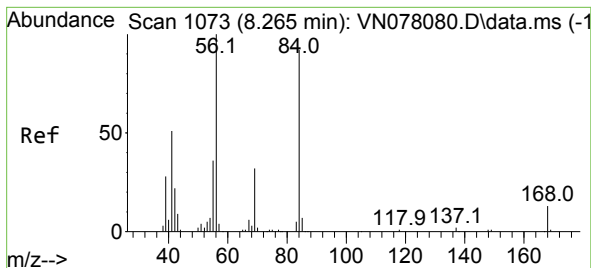
Tgt Ion: 83 Resp: 171137

Ion Ratio Lower Upper

83 100

85 62.3 55.4 83.0





#31

Cyclohexane

Concen: 18.918 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

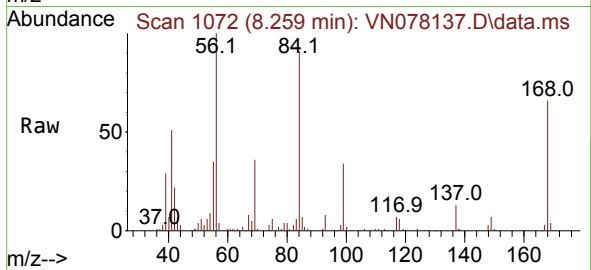
Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

Instrument :

MSVOA_N

ClientSampleId :



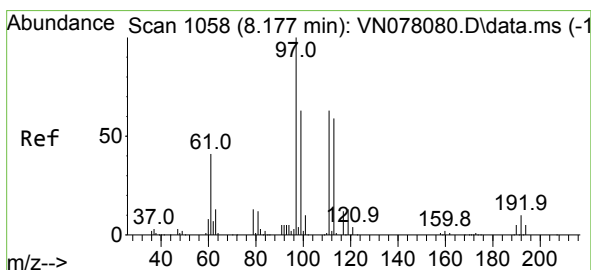
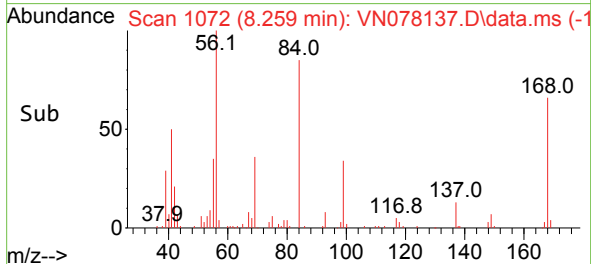
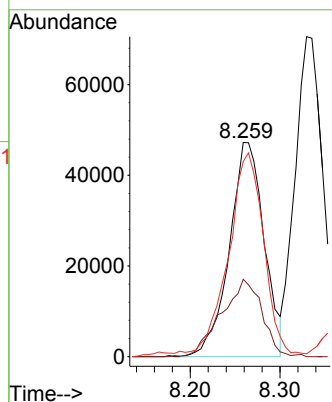
Tgt Ion: 56 Resp: 127022

Ion Ratio Lower Upper

56 100

69 35.9 26.8 40.2

84 88.6 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 19.192 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

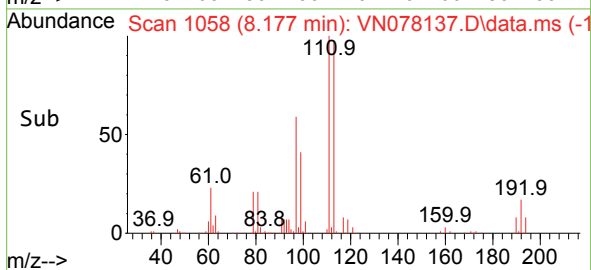
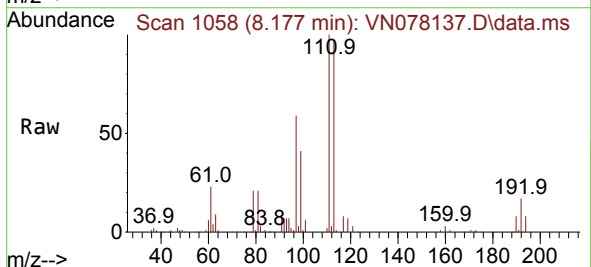
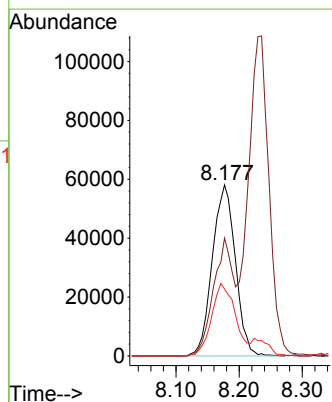
Tgt Ion: 97 Resp: 147329

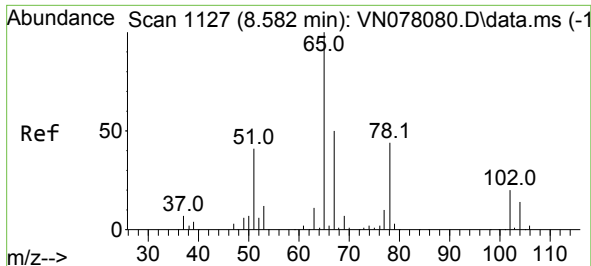
Ion Ratio Lower Upper

97 100

99 58.6 50.3 75.5

61 44.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 54.036 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

Instrument :

MSVOA_N

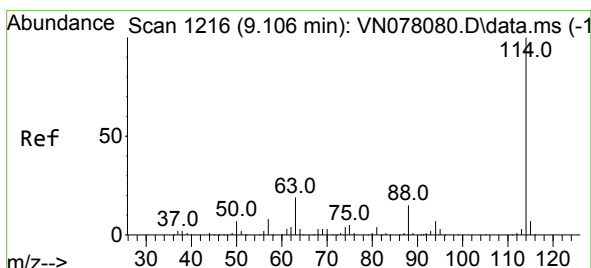
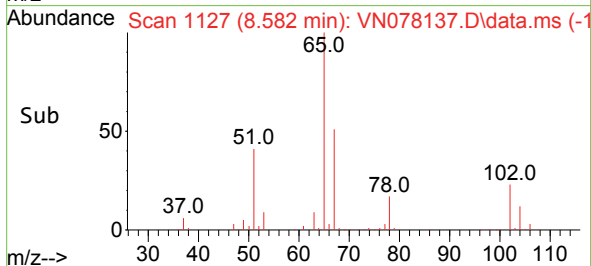
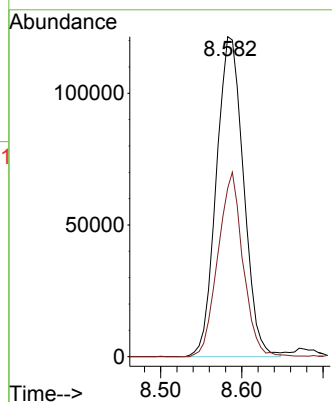
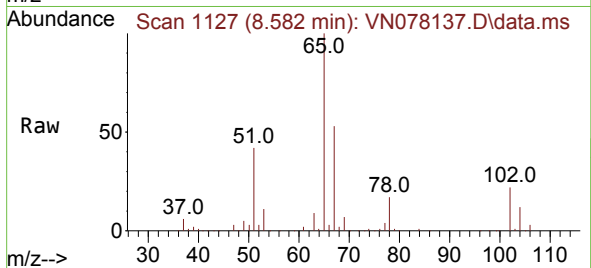
ClientSampleId :

Tgt Ion: 65 Resp: 282842

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

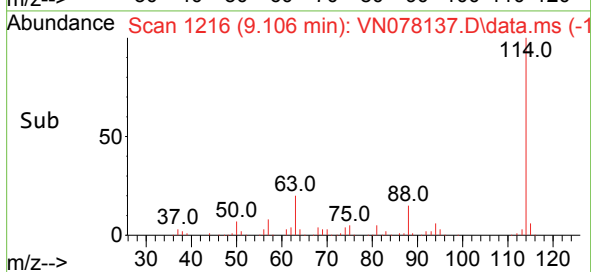
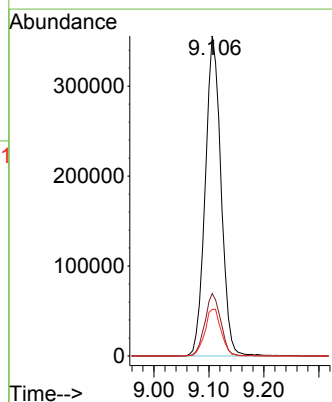
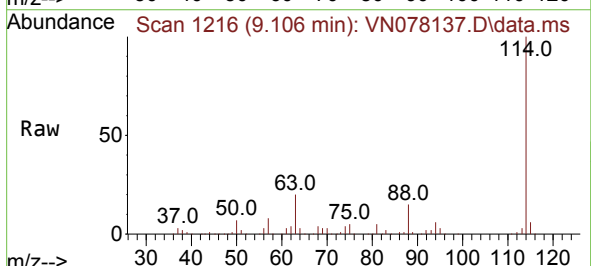
Tgt Ion:114 Resp: 708239

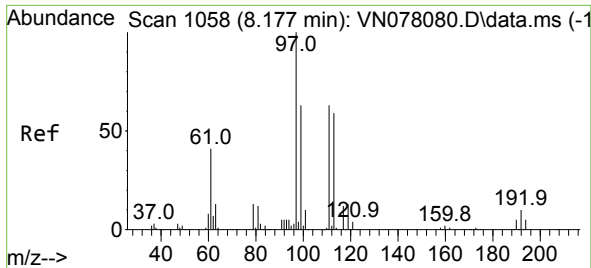
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.4

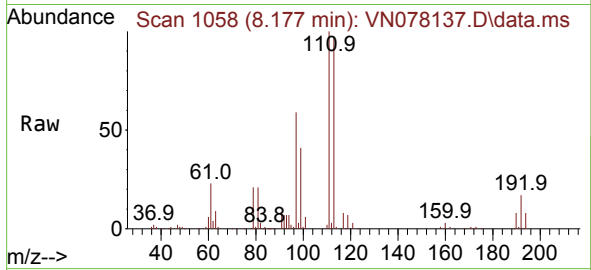
88 14.5 0.0 30.6



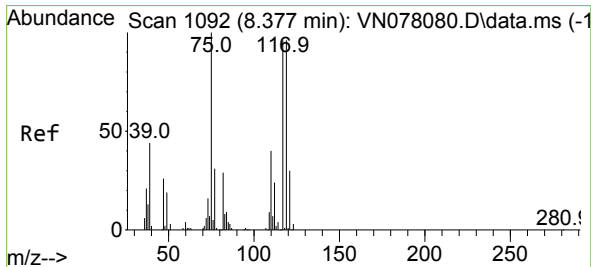
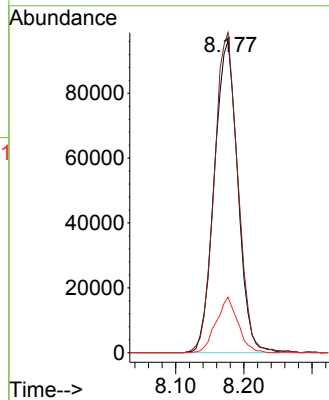
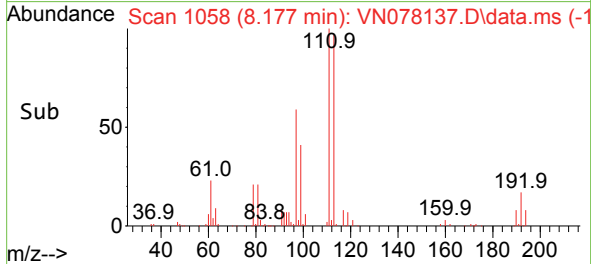


#35
 Dibromofluoromethane
 Concen: 51.455 ug/l
 RT: 8.177 min Scan# 1058
 Delta R.T. 0.000 min
 Lab File: VN078137.D
 Acq: 09 Jun 2023 11:26

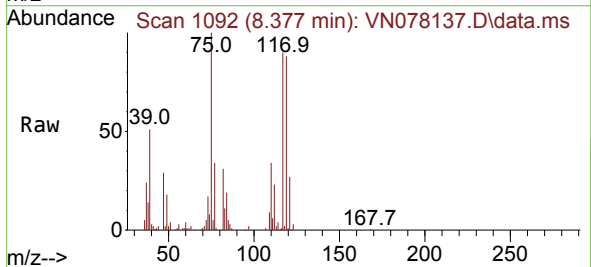
Instrument :
 MSVOA_N
 ClientSampleId :



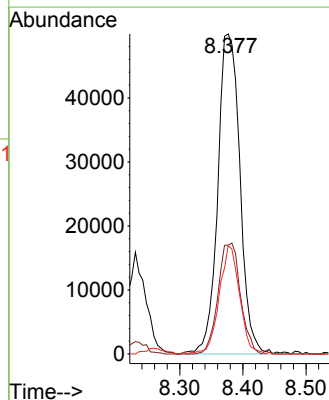
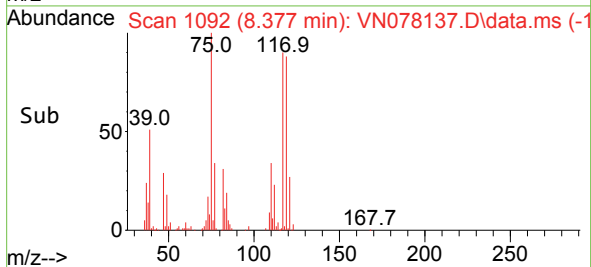
Tgt Ion:113 Resp: 230420
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.6 123.8
 192 16.6 12.7 19.1

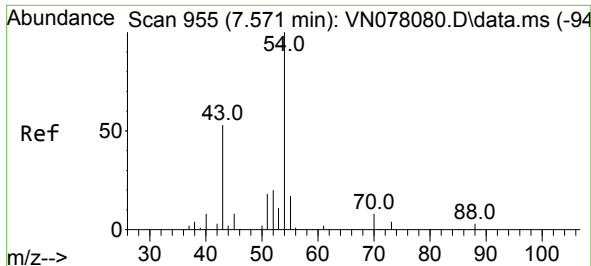


#36
 1,1-Dichloropropene
 Concen: 19.008 ug/l
 RT: 8.377 min Scan# 1092
 Delta R.T. 0.000 min
 Lab File: VN078137.D
 Acq: 09 Jun 2023 11:26



Tgt Ion: 75 Resp: 122093
 Ion Ratio Lower Upper
 75 100
 110 34.8 19.1 57.3
 77 31.0 25.0 37.4

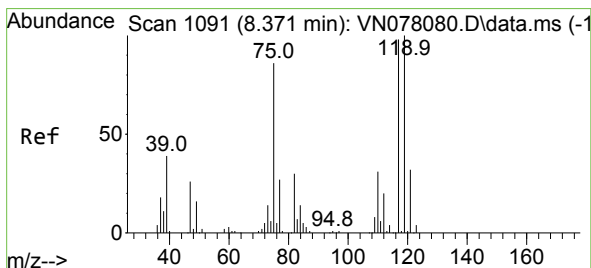
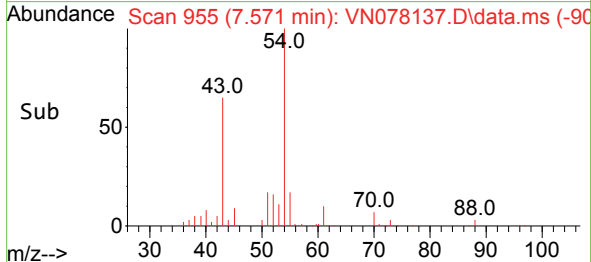
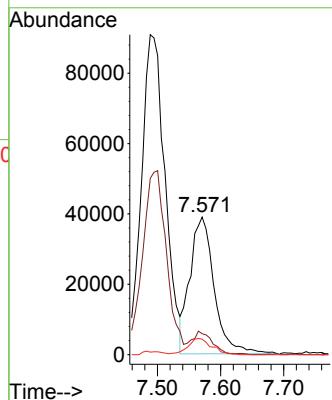
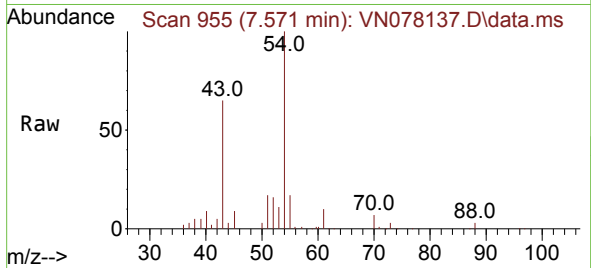




#37
Ethyl Acetate
Concen: 20.756 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.000 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

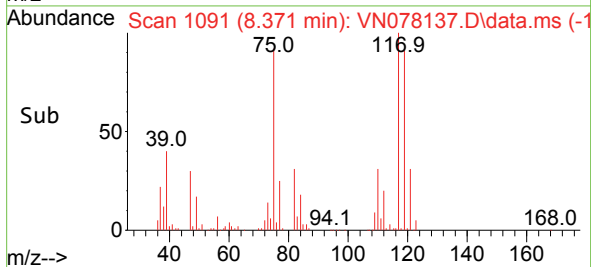
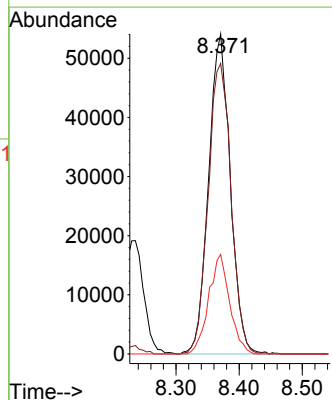
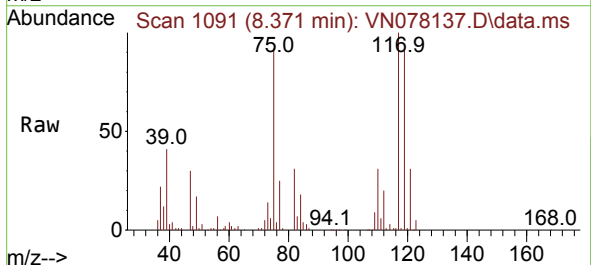
Instrument :
MSVOA_N
ClientSampleId :

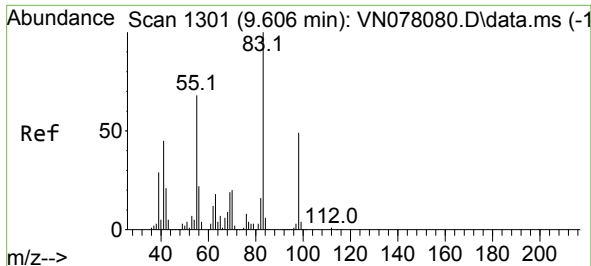
Tgt Ion: 43 Resp: 104149
Ion Ratio Lower Upper
43 100
61 14.0 13.2 19.8
70 11.6 11.3 16.9



#38
Carbon Tetrachloride
Concen: 19.064 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

Tgt Ion: 117 Resp: 129301
Ion Ratio Lower Upper
117 100
119 90.7 77.3 115.9
121 31.1 23.3 34.9





#39

Methylcyclohexane

Concen: 18.452 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.000 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

Instrument :

MSVOA_N

ClientSampleId :

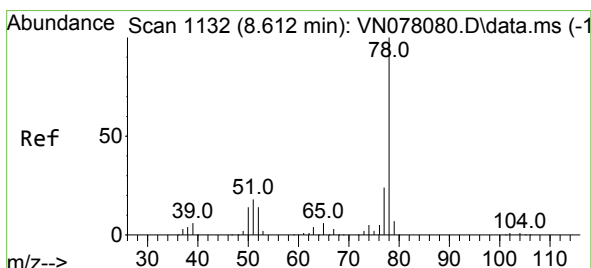
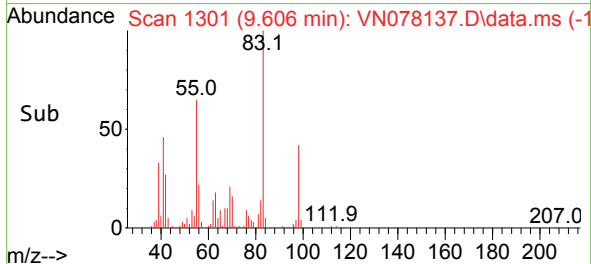
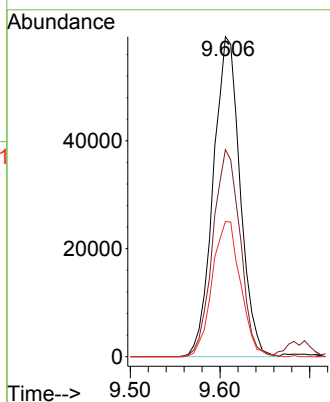
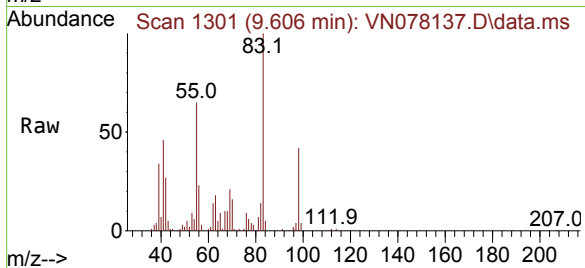
Tgt Ion: 83 Resp: 122830

Ion Ratio Lower Upper

83 100

55 64.7 49.1 73.7

98 42.2 40.6 61.0



#40

Benzene

Concen: 19.424 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN078137.D

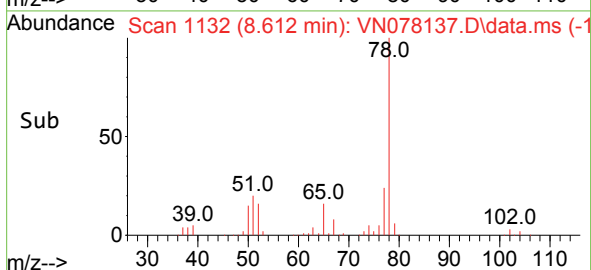
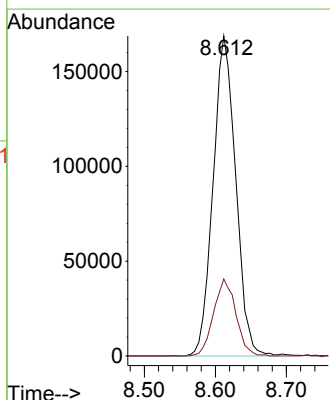
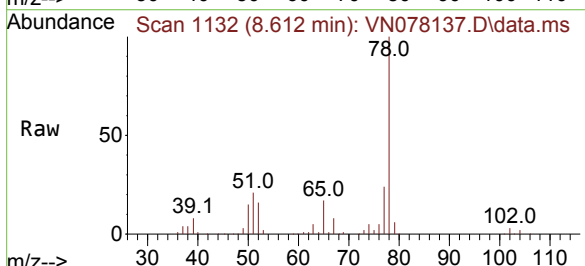
Acq: 09 Jun 2023 11:26

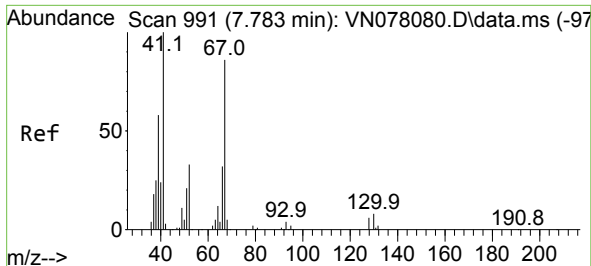
Tgt Ion: 78 Resp: 372474

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.6

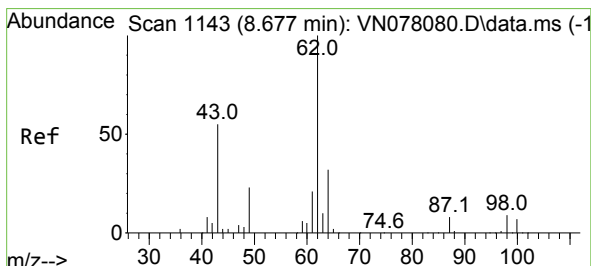
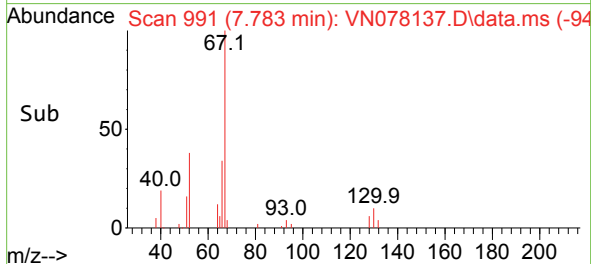
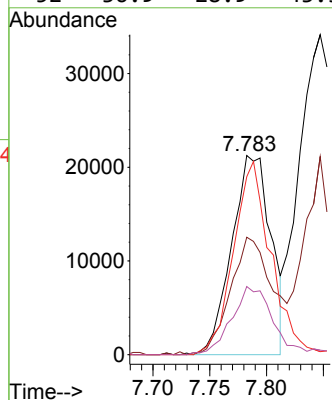
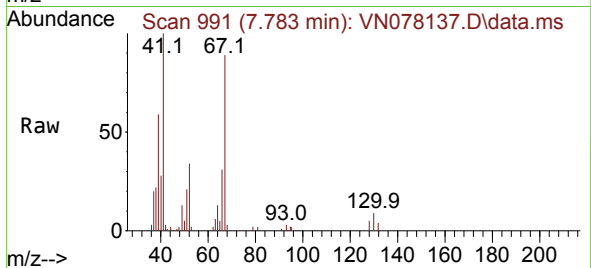




#41
Methacrylonitrile
Concen: 18.750 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

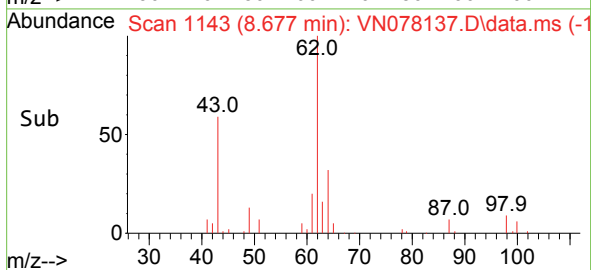
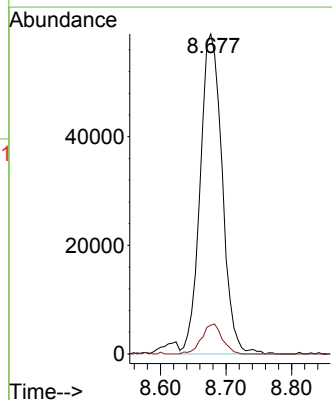
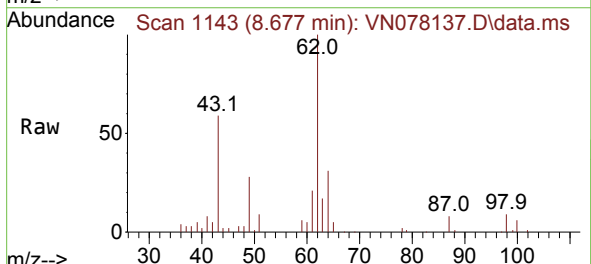
Instrument :
MSVOA_N
ClientSampleId :

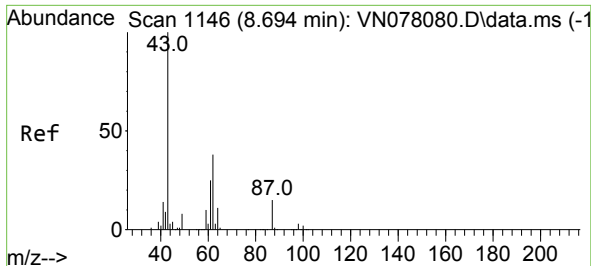
Tgt Ion: 41	Resp: 50997
Ion Ratio	Lower Upper
41	100
39	63.7 42.6 64.0
67	93.1 77.5 116.3
52	36.9 28.9 43.3



#42
1,2-Dichloroethane
Concen: 20.898 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

Tgt Ion: 62	Resp: 137402
Ion Ratio	Lower Upper
62	100
98	8.8 0.0 19.8

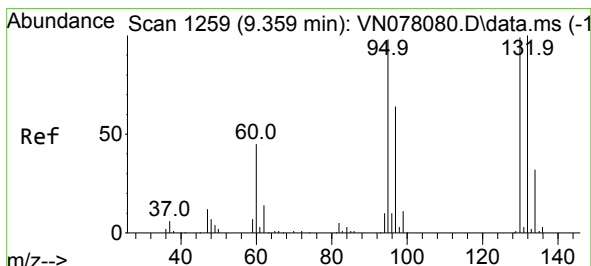
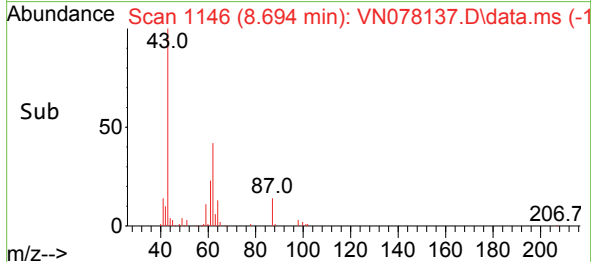
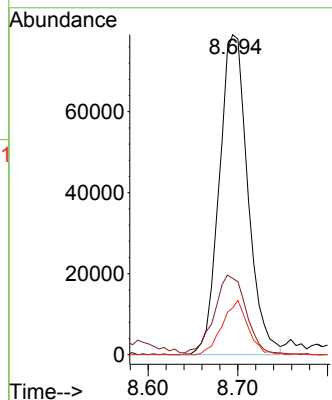
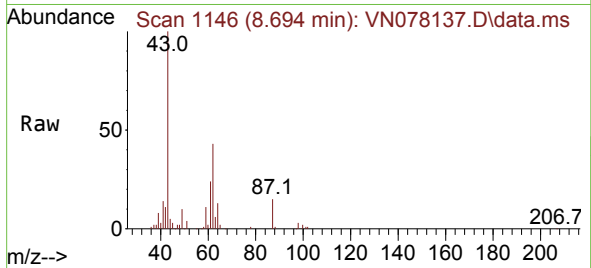




#43
Isopropyl Acetate
Concen: 18.189 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

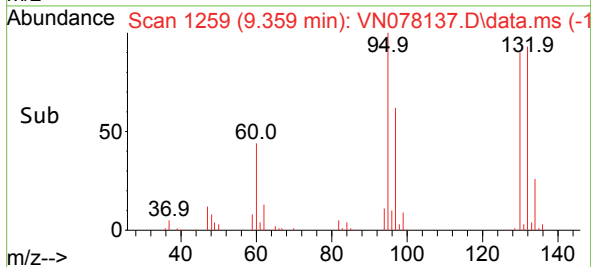
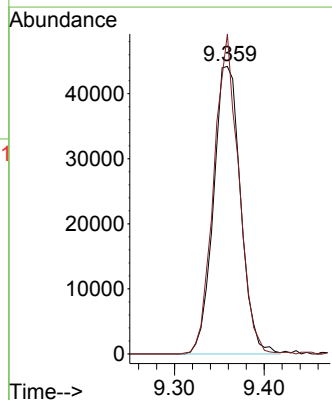
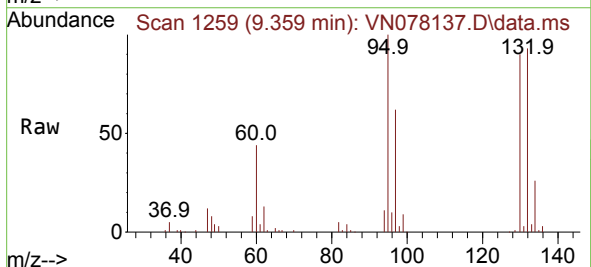
Instrument :
MSVOA_N
ClientSampleId :

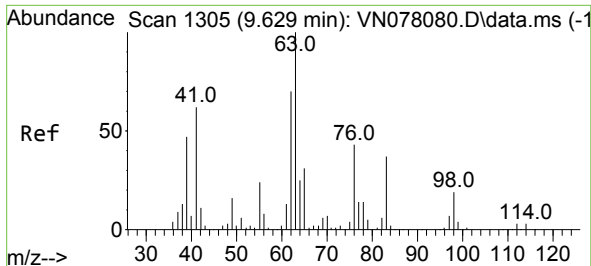
Tgt Ion: 43 Resp: 174547
Ion Ratio Lower Upper
43 100
61 28.0 24.7 37.1
87 15.3 14.6 21.8



#44
Trichloroethene
Concen: 18.337 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

Tgt Ion:130 Resp: 92862
Ion Ratio Lower Upper
130 100
95 111.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.869 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

Instrument :

MSVOA_N

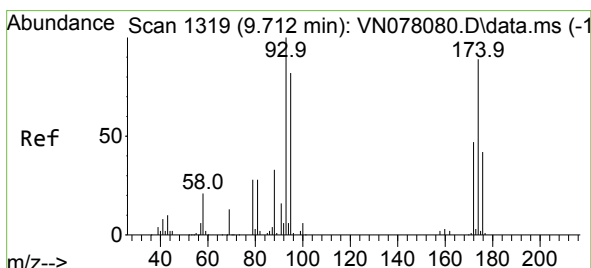
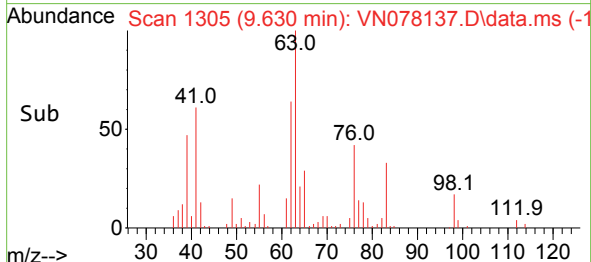
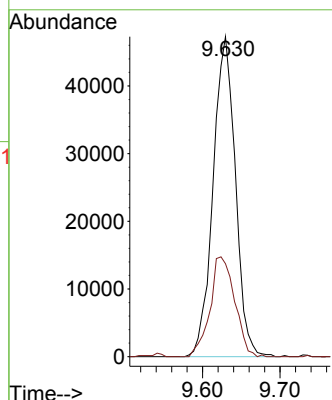
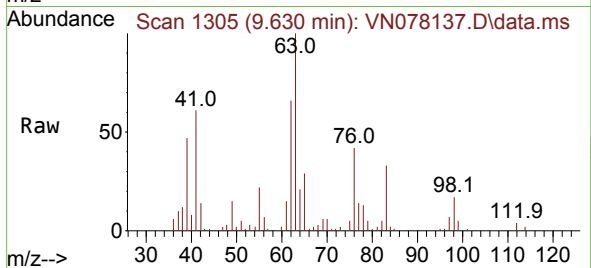
ClientSampleId :

Tgt Ion: 63 Resp: 94798

Ion Ratio Lower Upper

63 100

65 29.1 23.9 35.9



#46

Dibromomethane

Concen: 19.605 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

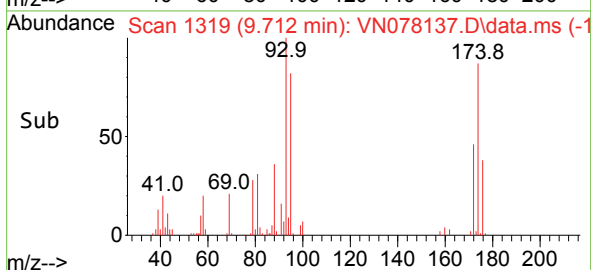
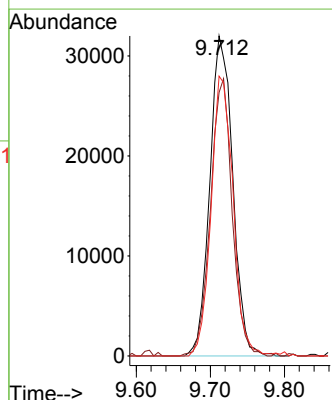
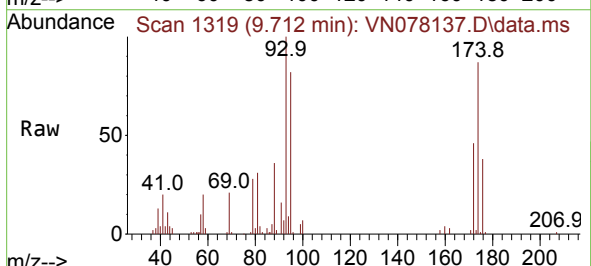
Tgt Ion: 93 Resp: 68897

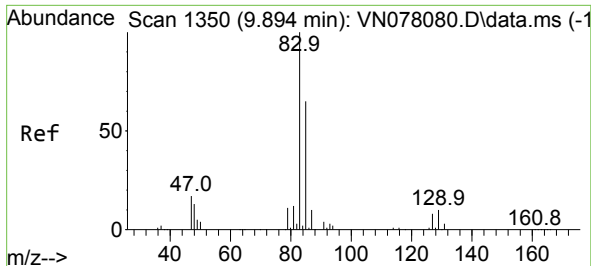
Ion Ratio Lower Upper

93 100

95 81.9 63.8 95.8

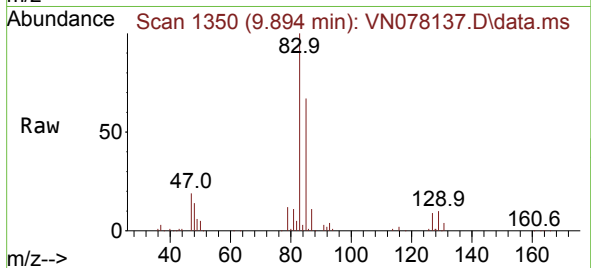
174 83.8 65.6 98.4



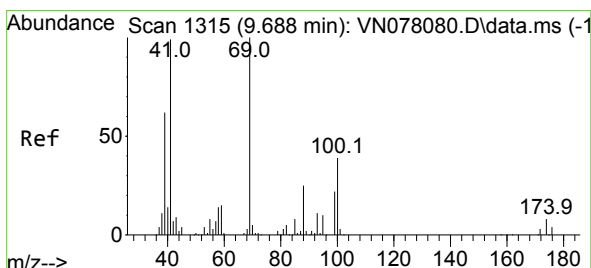
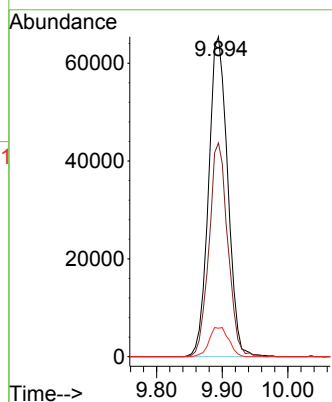
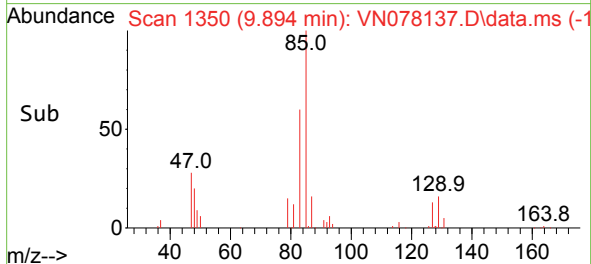


#47
Bromodichloromethane
Concen: 20.265 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

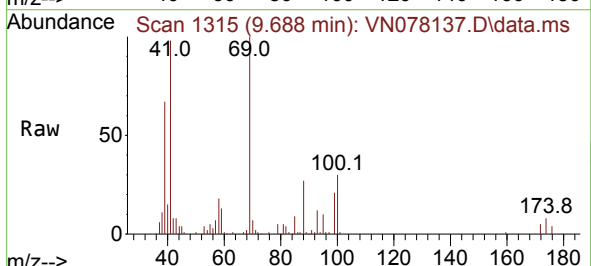
Instrument :
MSVOA_N
ClientSampleId :



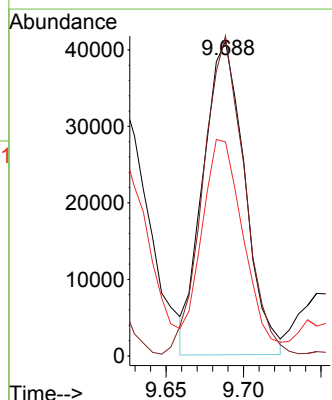
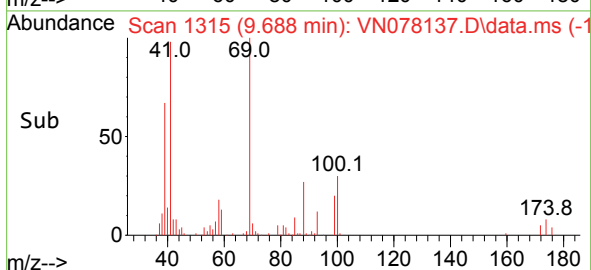
Tgt Ion: 83 Resp: 132285
Ion Ratio Lower Upper
83 100
85 66.8 49.6 74.4
127 8.9 7.0 10.6

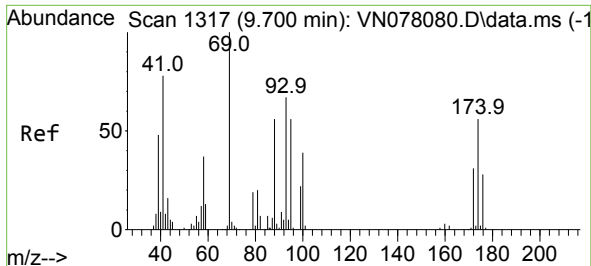


#48
Methyl methacrylate
Concen: 19.019 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26



Tgt Ion: 41 Resp: 76594
Ion Ratio Lower Upper
41 100
69 100.4 90.4 135.6
39 70.0 54.6 81.8





#49

1,4-Dioxane

Concen: 389.729 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

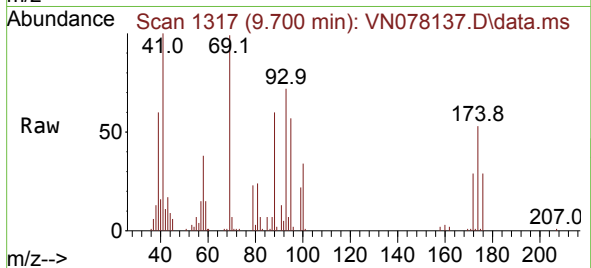
Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

Instrument :

MSVOA_N

ClientSampleId :



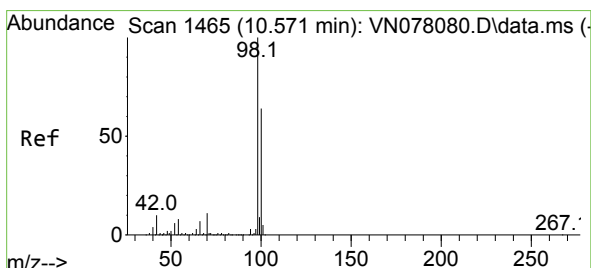
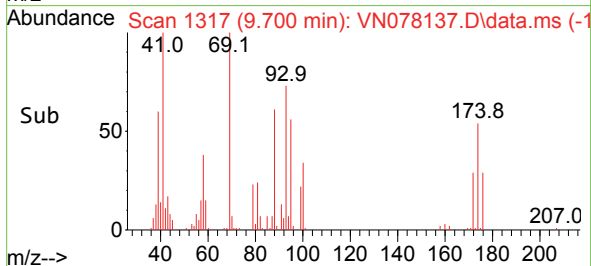
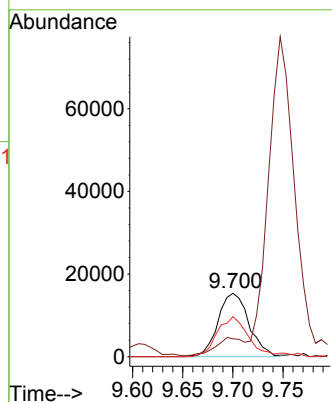
Tgt Ion: 88 Resp: 32988

Ion Ratio Lower Upper

88 100

43 25.6 17.0 25.6#

58 65.9 47.0 70.4



#50

Toluene-d8

Concen: 50.823 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078137.D

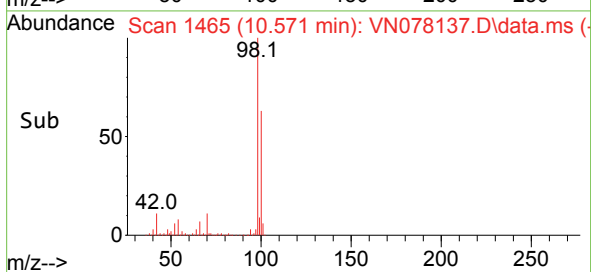
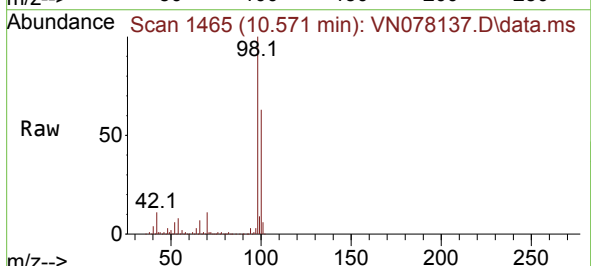
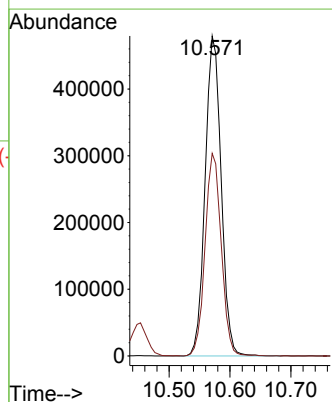
Acq: 09 Jun 2023 11:26

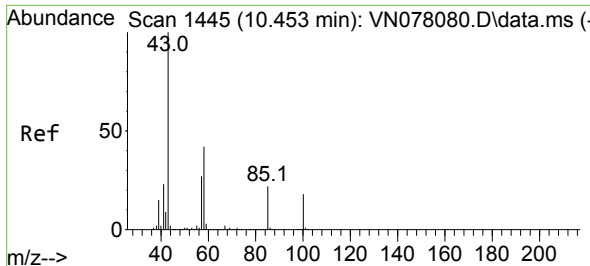
Tgt Ion: 98 Resp: 877379

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0

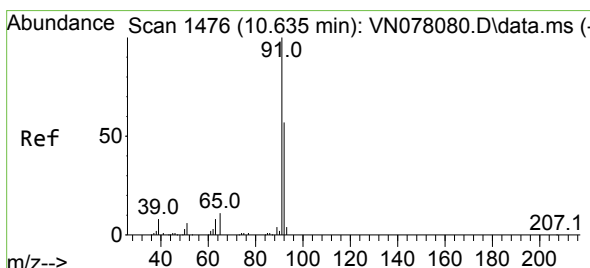
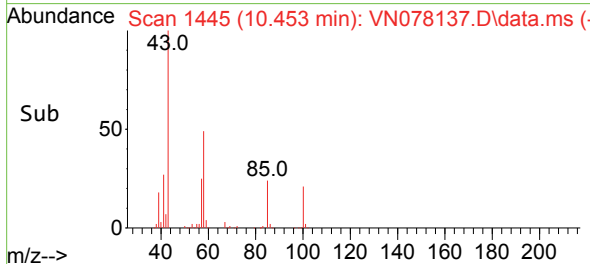
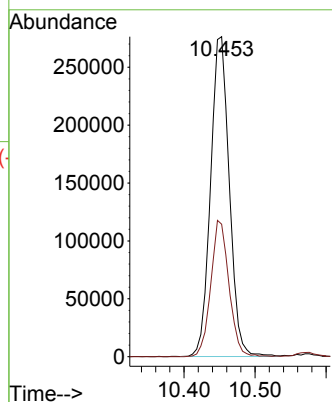
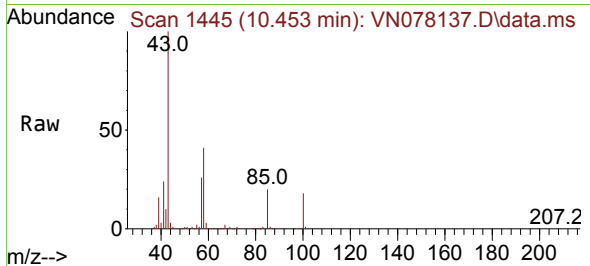




#51
4-Methyl-2-Pentanone
Concen: 100.191 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

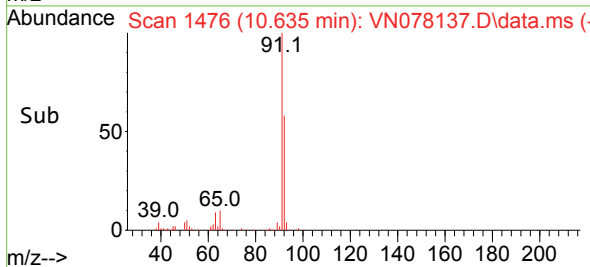
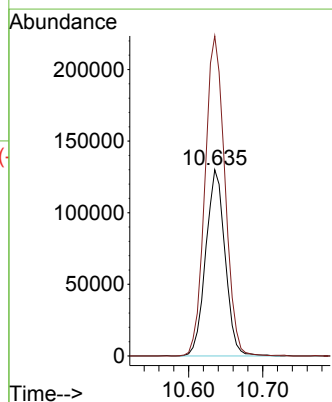
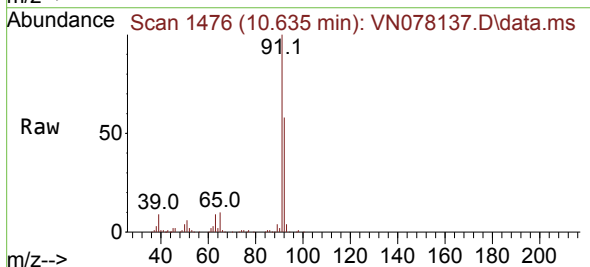
Instrument :
MSVOA_N
ClientSampleId :

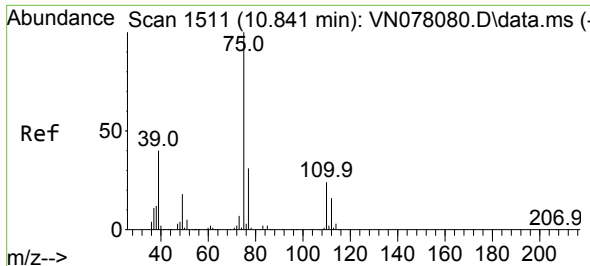
Tgt Ion: 43 Resp: 506304
Ion Ratio Lower Upper
43 100
58 41.4 36.6 54.8



#52
Toluene
Concen: 19.463 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

Tgt Ion: 92 Resp: 235651
Ion Ratio Lower Upper
92 100
91 177.1 137.4 206.0

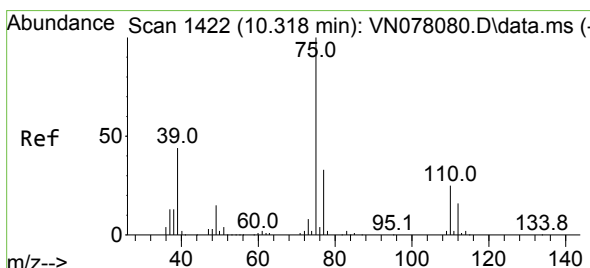
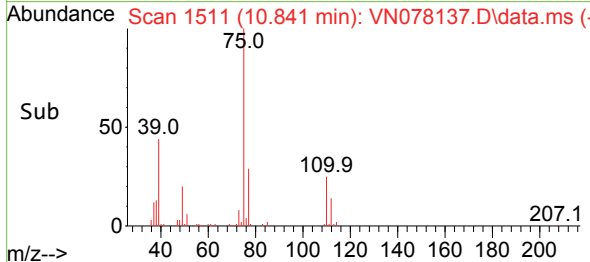
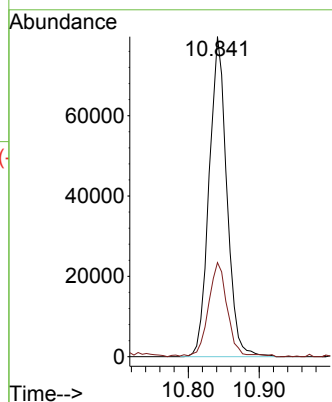
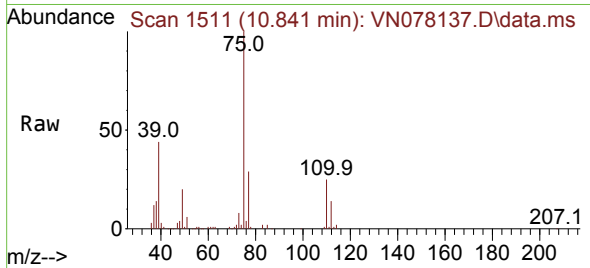




#53
t-1,3-Dichloropropene
Concen: 20.294 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

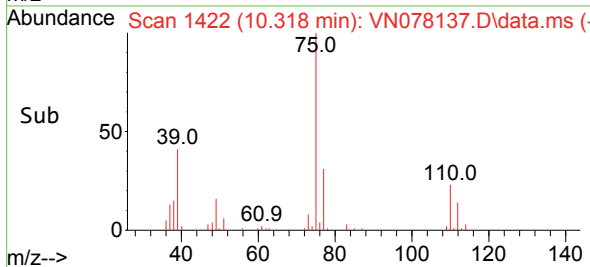
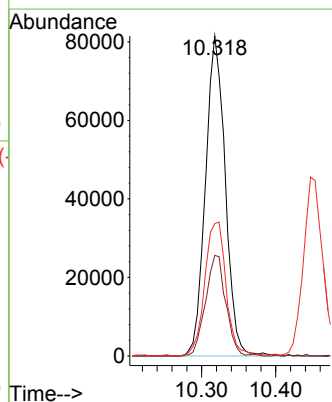
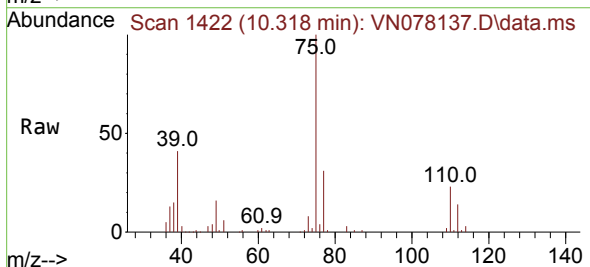
Instrument :
MSVOA_N
ClientSampleId :

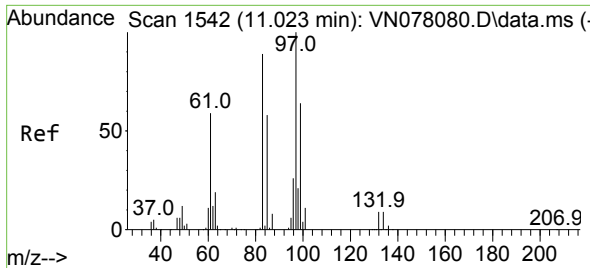
Tgt Ion: 75 Resp: 137966
Ion Ratio Lower Upper
75 100
77 29.4 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 20.141 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

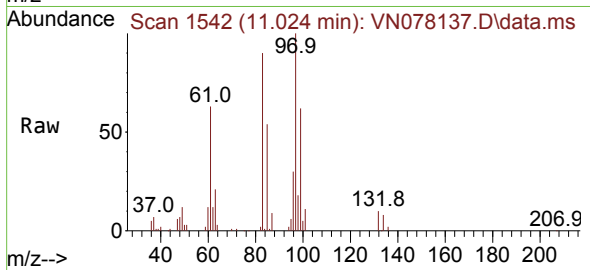
Tgt Ion: 75 Resp: 151362
Ion Ratio Lower Upper
75 100
77 31.4 26.1 39.1
39 41.3 31.6 47.4



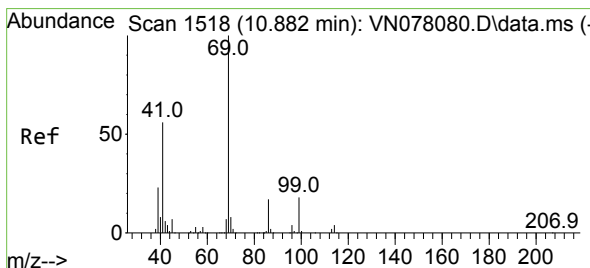
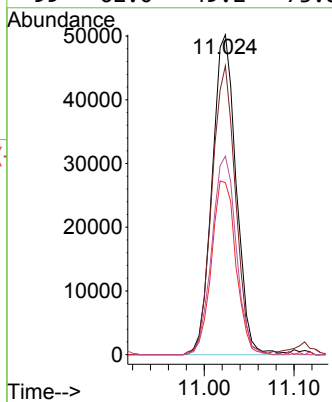
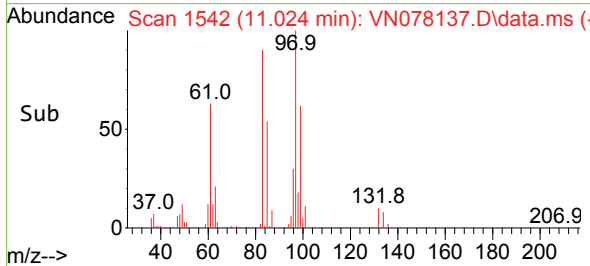


#55
1,1,2-Trichloroethane
Concen: 20.360 ug/l
RT: 11.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

Instrument :
MSVOA_N
ClientSampleId :

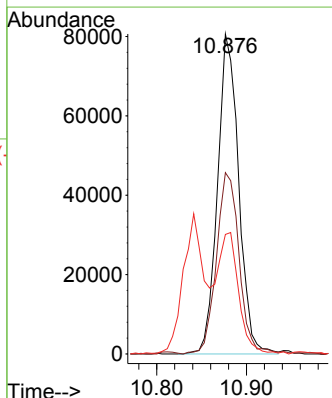
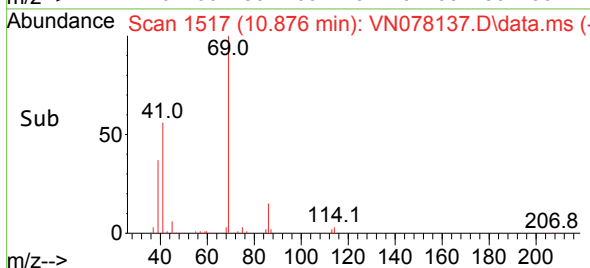
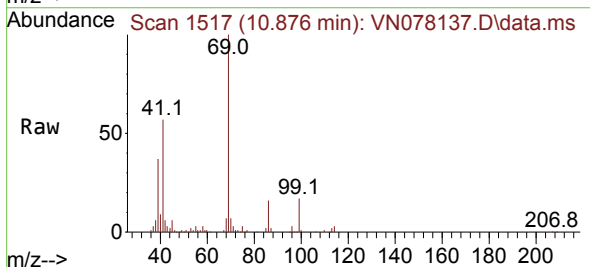


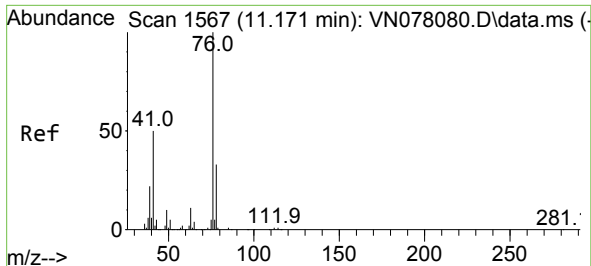
Tgt Ion:	97	Resp:	93253
Ion	Ratio	Lower	Upper
97	100		
83	90.3	65.1	97.7
85	53.8	43.4	65.2
99	62.0	49.2	73.8



#56
Ethyl methacrylate
Concen: 19.811 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

Tgt Ion:	69	Resp:	132122
Ion	Ratio	Lower	Upper
69	100		
41	61.1	39.6	59.4#
39	38.9	28.6	43.0





#57

1,3-Dichloropropane

Concen: 20.481 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

Instrument :

MSVOA_N

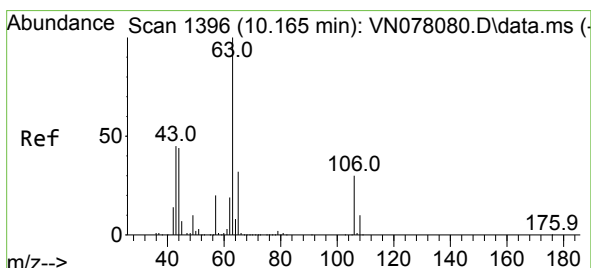
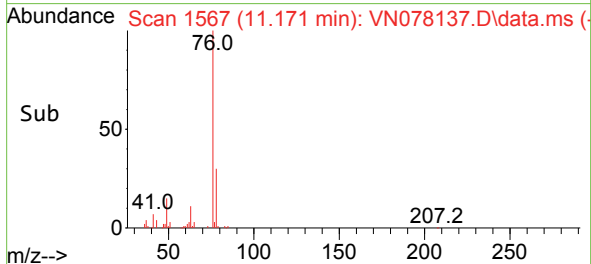
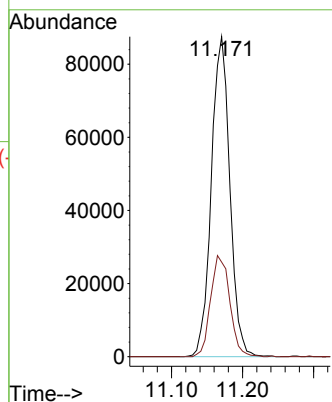
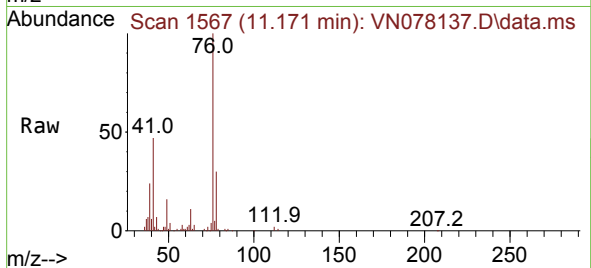
ClientSampleId :

Tgt Ion: 76 Resp: 158343

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 91.442 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN078137.D

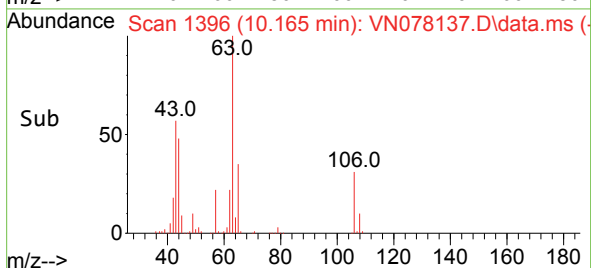
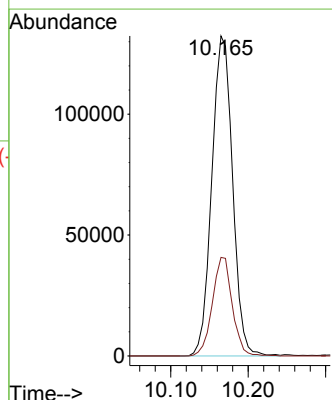
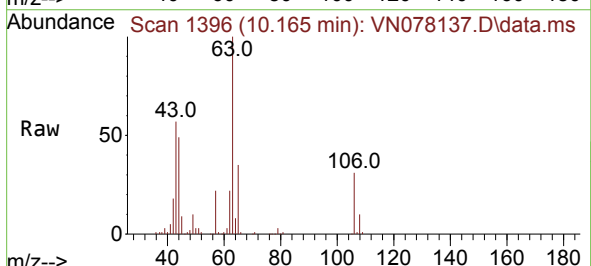
Acq: 09 Jun 2023 11:26

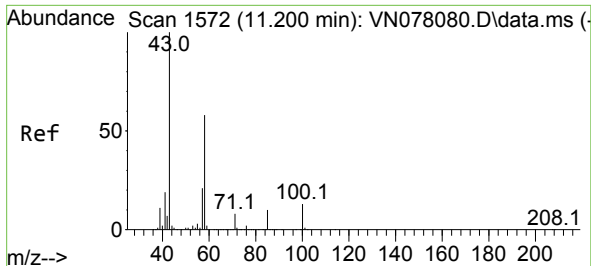
Tgt Ion: 63 Resp: 246350

Ion Ratio Lower Upper

63 100

106 29.6 26.2 39.4

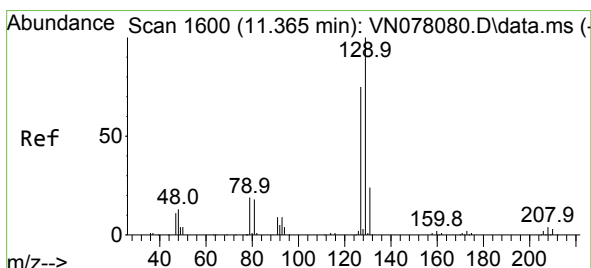
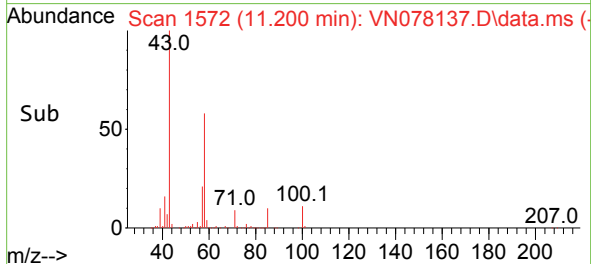
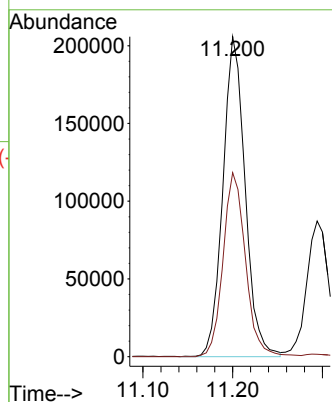
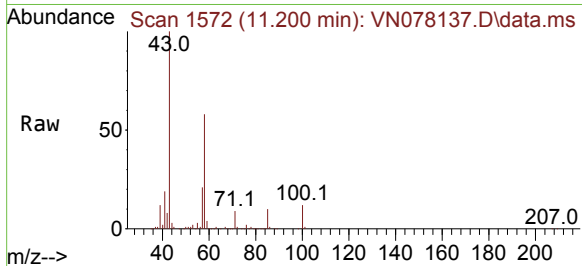




#59
2-Hexanone
Concen: 100.635 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

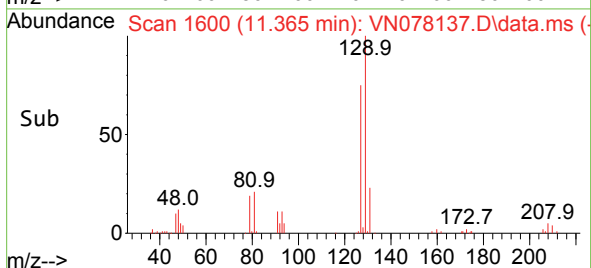
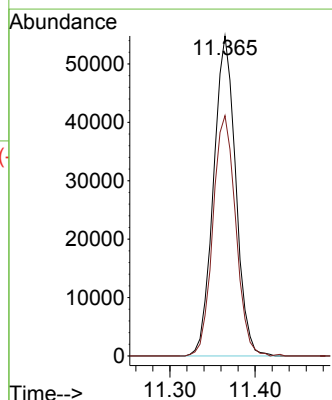
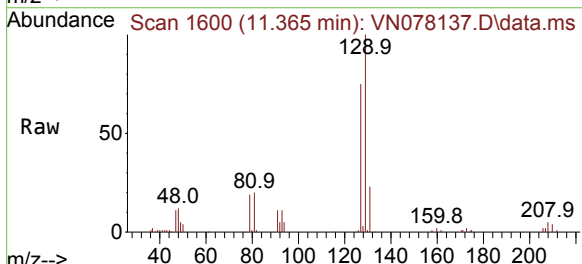
Instrument :
MSVOA_N
ClientSampleId :

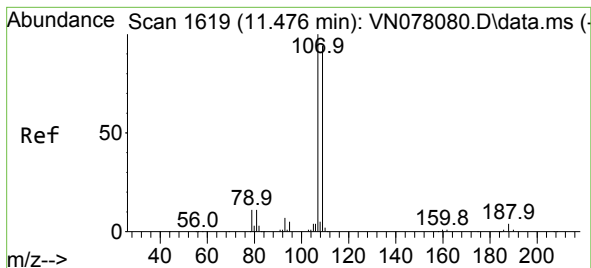
Tgt Ion: 43 Resp: 354099
Ion Ratio Lower Upper
43 100
58 58.1 31.7 95.1



#60
Dibromochloromethane
Concen: 19.806 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

Tgt Ion:129 Resp: 99264
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.454 ug/l

RT: 11.476 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

Instrument :

MSVOA_N

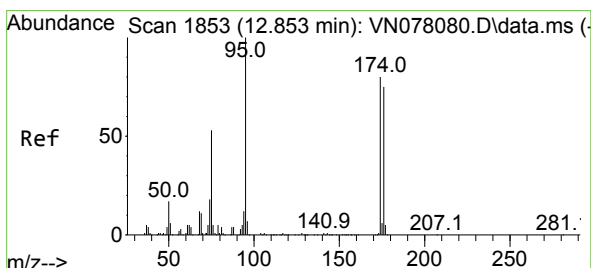
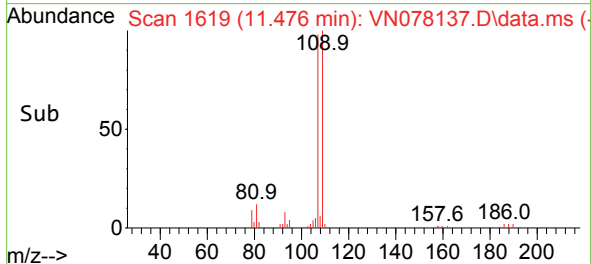
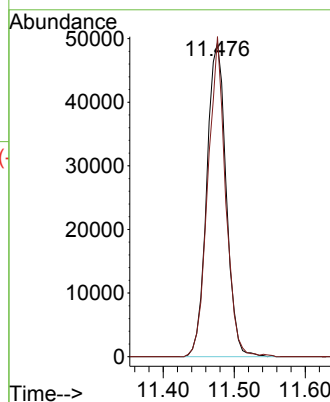
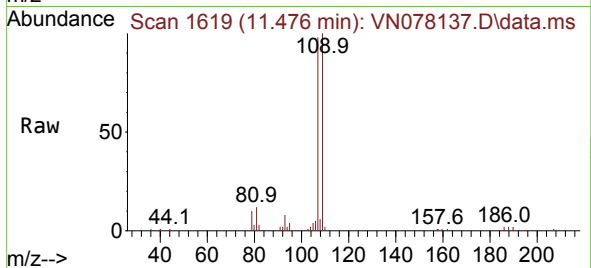
ClientSampleId :

Tgt Ion:107 Resp: 93507

Ion Ratio Lower Upper

107 100

109 93.5 76.6 114.8



#62

4-Bromofluorobenzene

Concen: 50.706 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

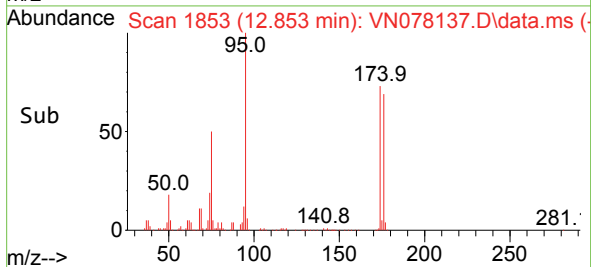
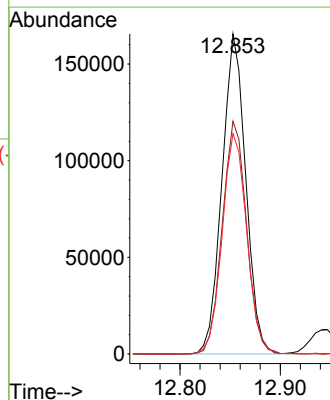
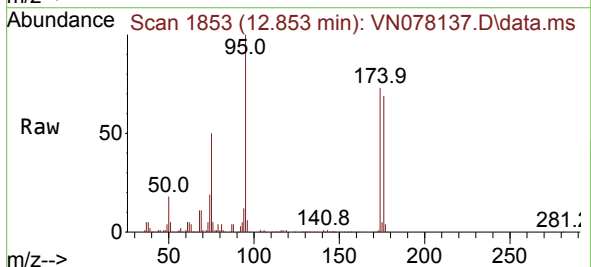
Tgt Ion: 95 Resp: 272129

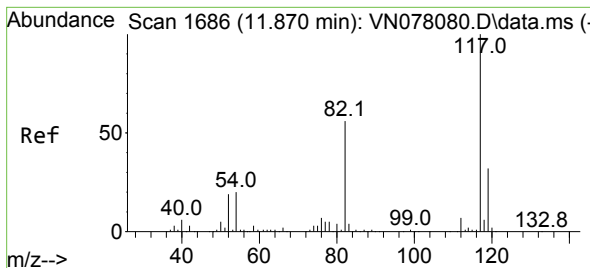
Ion Ratio Lower Upper

95 100

174 74.5 0.0 143.8

176 71.1 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

Instrument :

MSVOA_N

ClientSampleId :

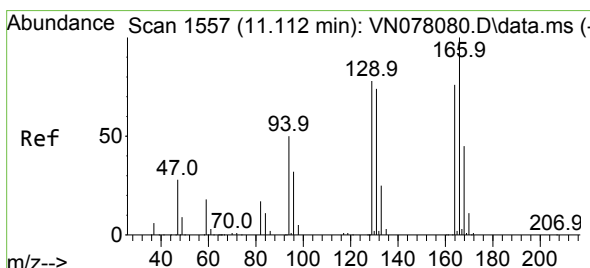
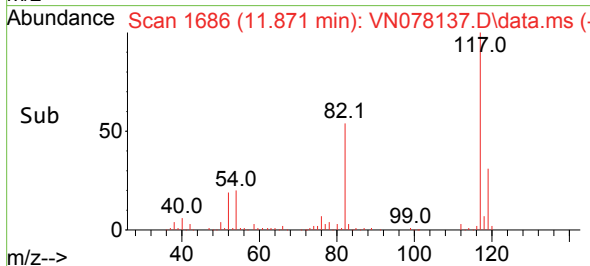
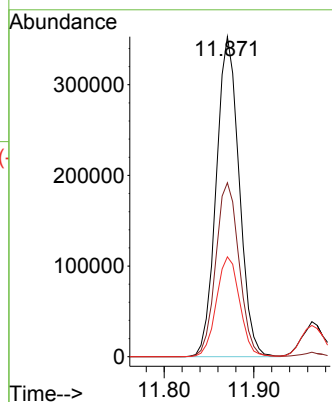
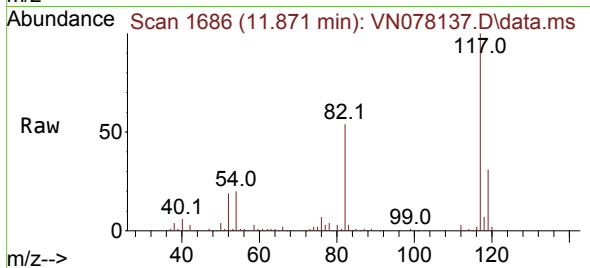
Tgt Ion:117 Resp: 625758

Ion Ratio Lower Upper

117 100

82 54.4 44.0 66.0

119 31.2 25.6 38.4



#64

Tetrachloroethene

Concen: 19.459 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.006 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

Tgt Ion:164 Resp: 81234

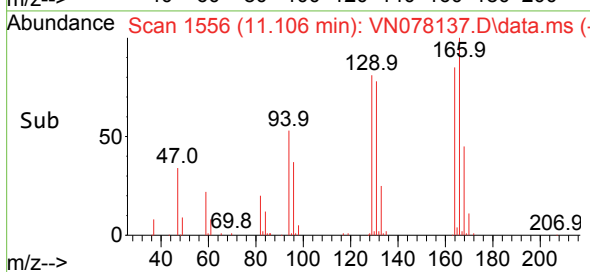
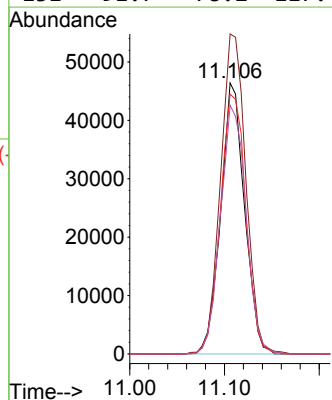
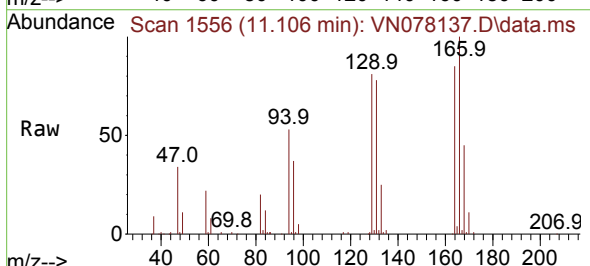
Ion Ratio Lower Upper

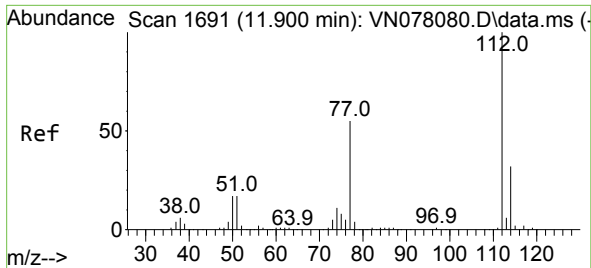
164 100

166 118.0 101.4 152.0

129 95.9 82.4 123.6

131 91.7 78.2 117.4

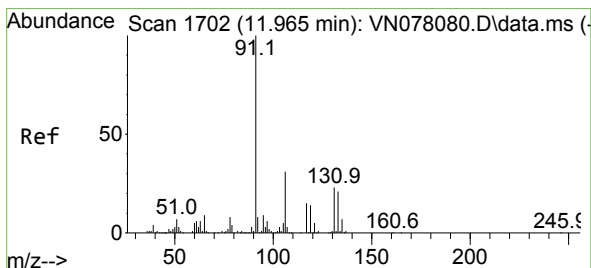
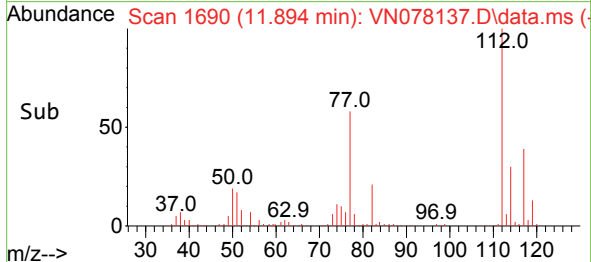
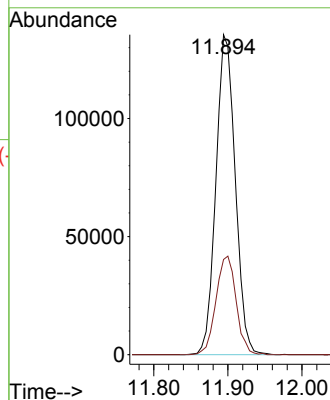
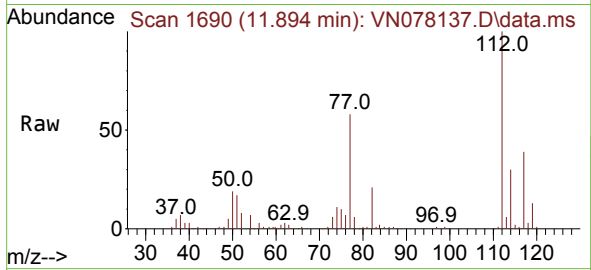




#65
Chlorobenzene
Concen: 18.307 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

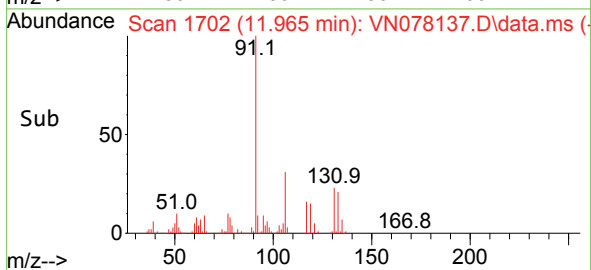
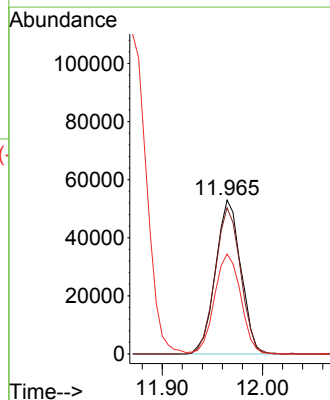
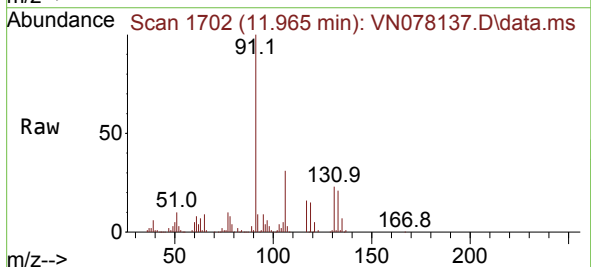
Instrument :
MSVOA_N
ClientSampleId :

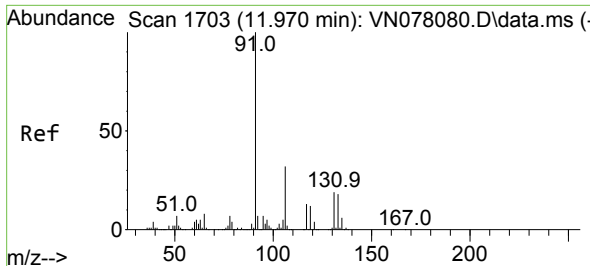
Tgt Ion:112 Resp: 245328
Ion Ratio Lower Upper
112 100
114 29.8 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.882 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

Tgt Ion:131 Resp: 93066
Ion Ratio Lower Upper
131 100
133 95.6 46.4 139.1
119 67.2 34.1 102.2

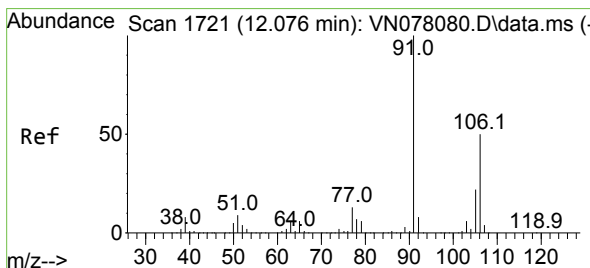
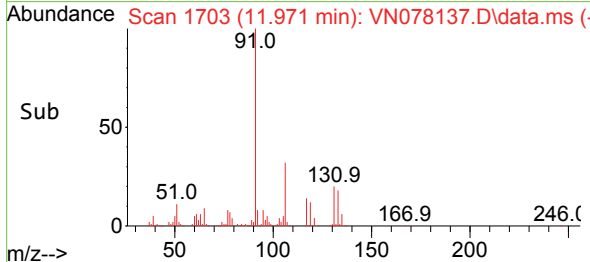
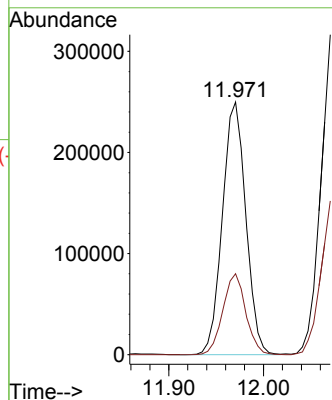
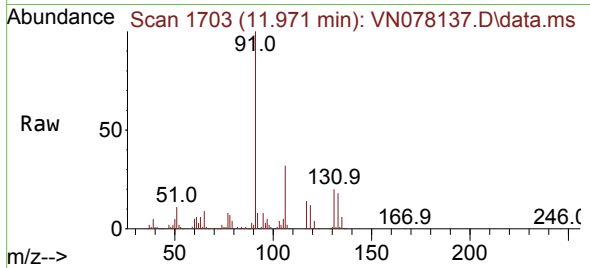




#67
Ethyl Benzene
Concen: 18.581 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

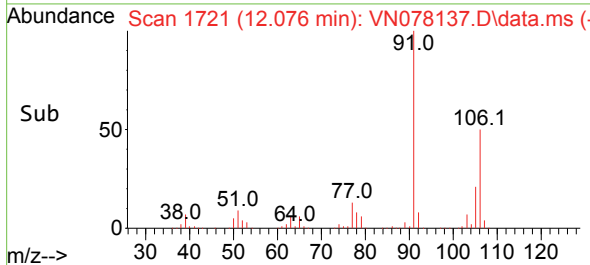
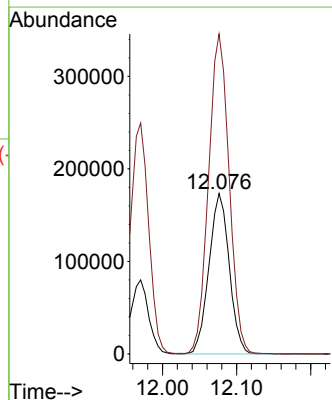
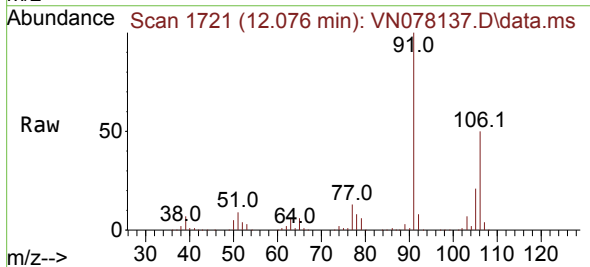
Instrument :
MSVOA_N
ClientSampleId :

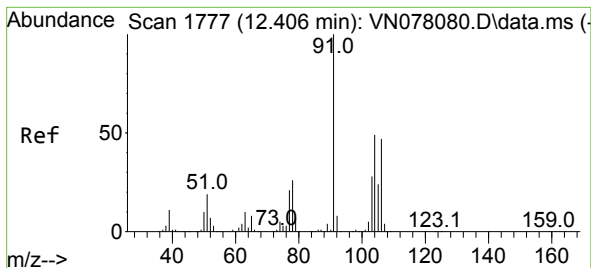
Tgt Ion: 91 Resp: 429659
Ion Ratio Lower Upper
91 100
106 32.1 25.6 38.4



#68
m/p-Xylenes
Concen: 37.415 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

Tgt Ion:106 Resp: 329714
Ion Ratio Lower Upper
106 100
91 202.6 159.6 239.4





#69

o-Xylene

Concen: 18.825 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

Instrument :

MSVOA_N

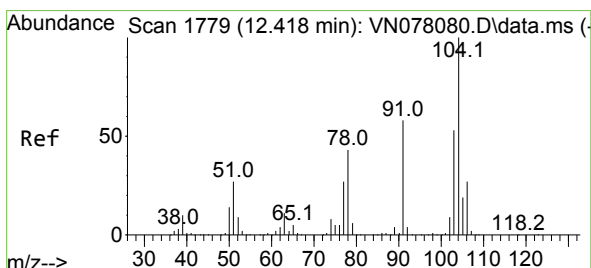
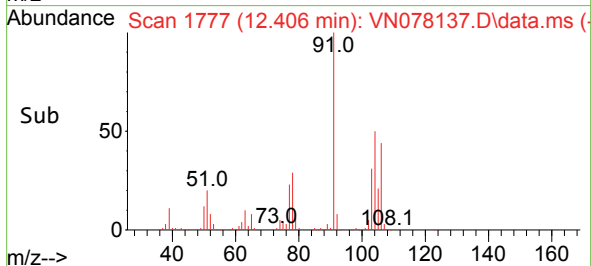
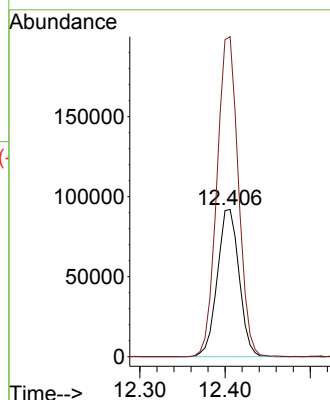
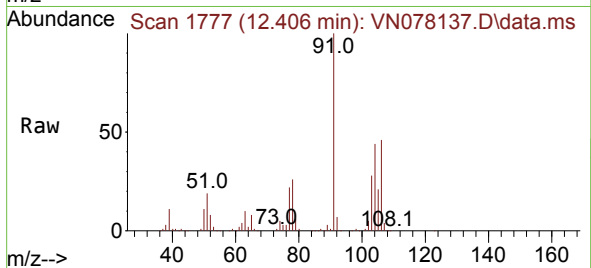
ClientSampleId :

Tgt Ion:106 Resp: 162907

Ion Ratio Lower Upper

106 100

91 214.7 105.2 315.5



#70

Styrene

Concen: 18.537 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

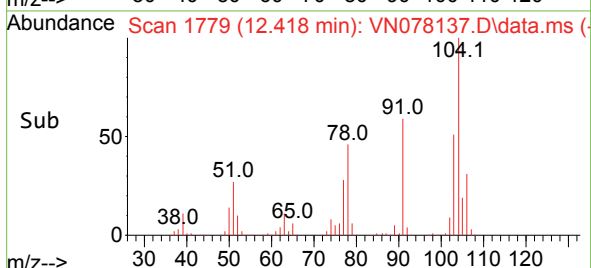
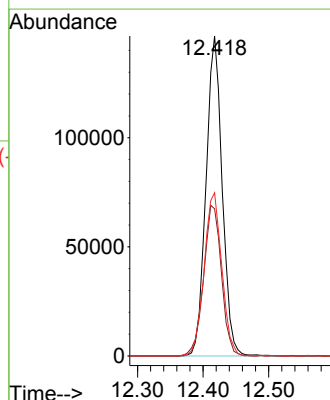
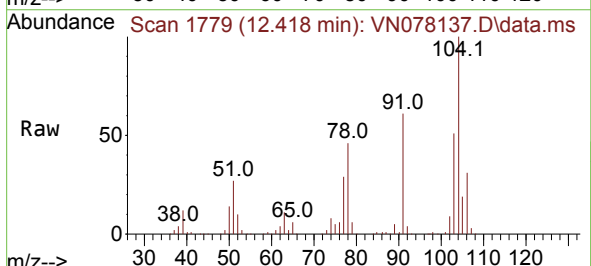
Tgt Ion:104 Resp: 252542

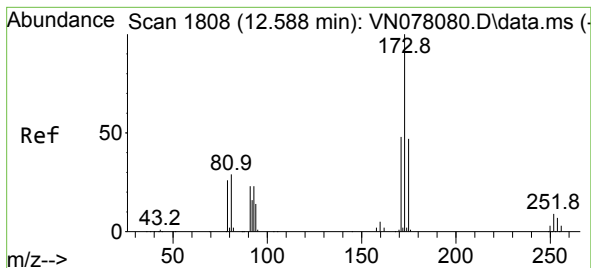
Ion Ratio Lower Upper

104 100

78 51.5 39.5 59.3

103 55.7 43.2 64.8





#71

Bromoform

Concen: 18.620 ug/l

RT: 12.582 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

Instrument :

MSVOA_N

ClientSampleId :

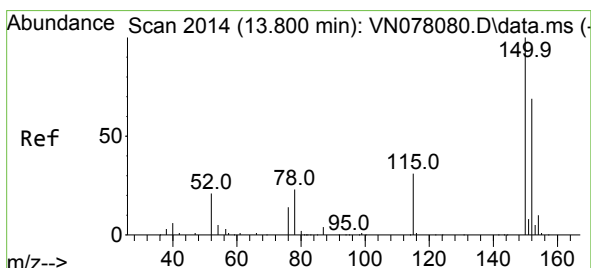
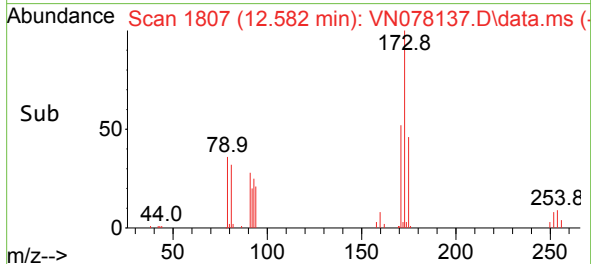
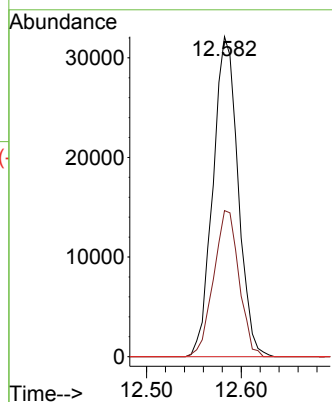
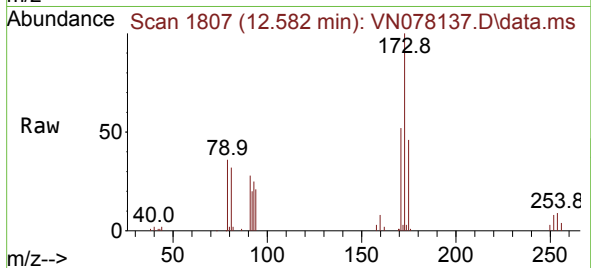
Tgt Ion:173 Resp: 59227

Ion Ratio Lower Upper

173 100

175 46.2 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.006 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

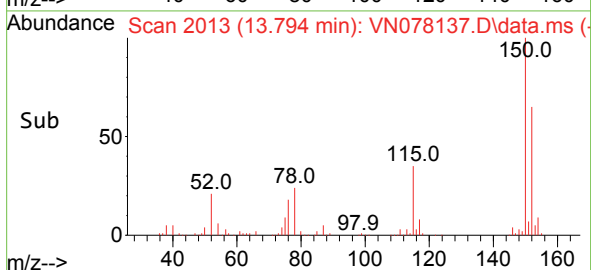
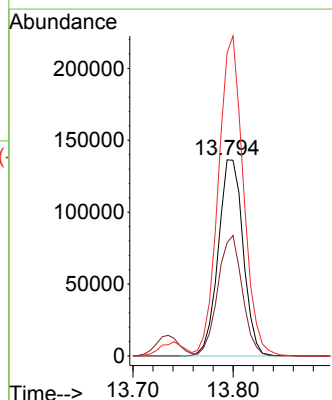
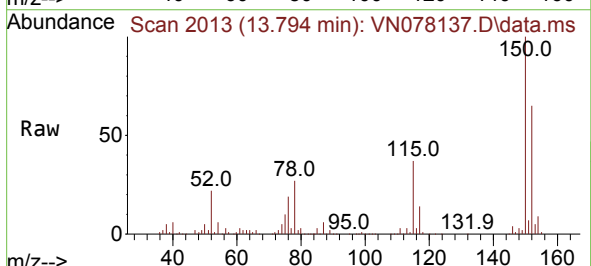
Tgt Ion:152 Resp: 234896

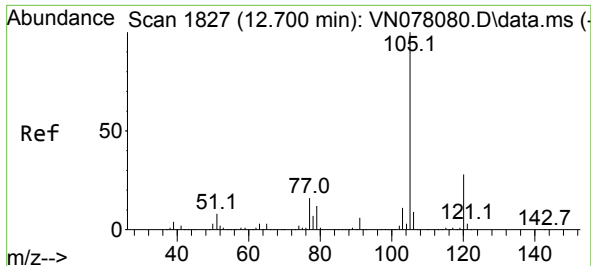
Ion Ratio Lower Upper

152 100

115 60.6 32.3 96.8

150 164.0 0.0 355.8

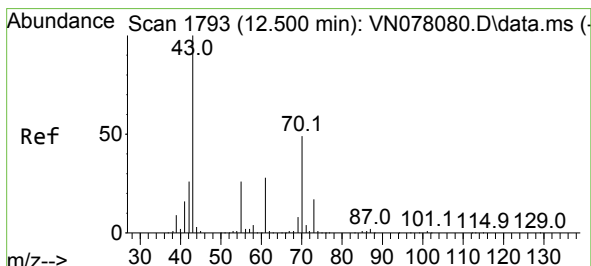
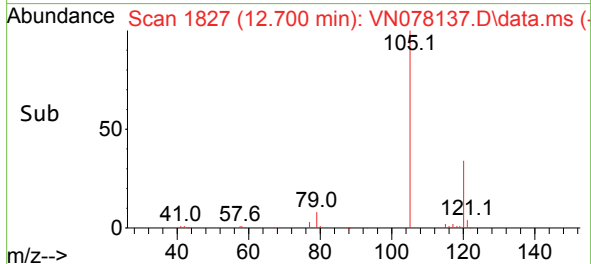
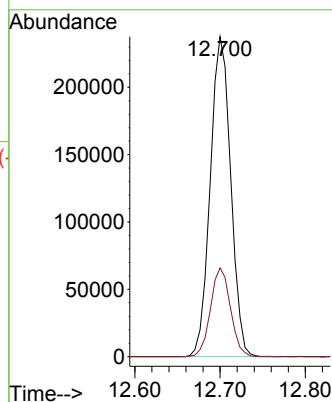
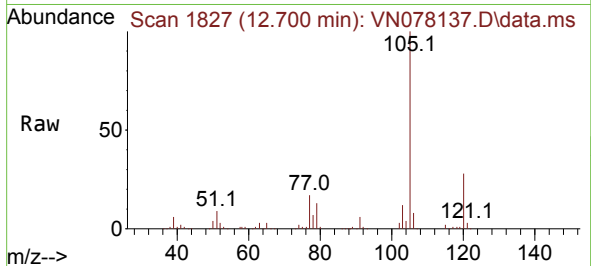




#73
Isopropylbenzene
Concen: 17.826 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

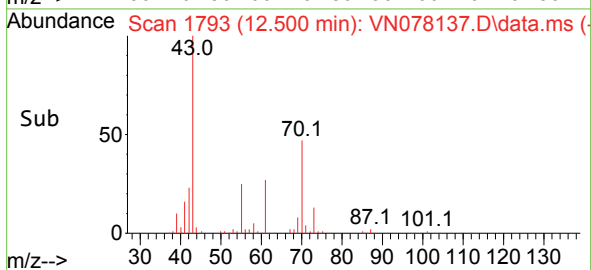
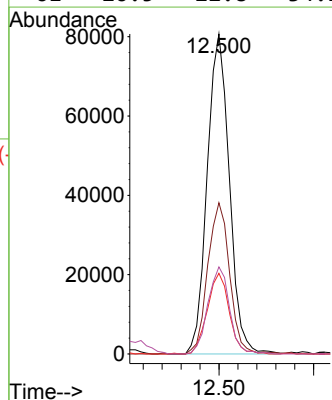
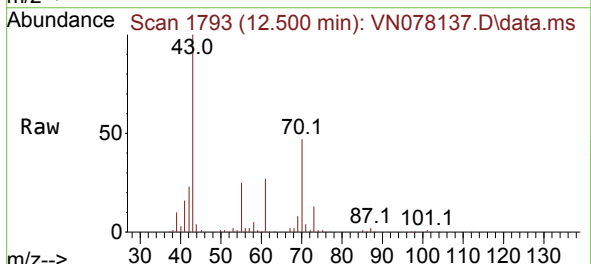
Instrument :
MSVOA_N
ClientSampleId :

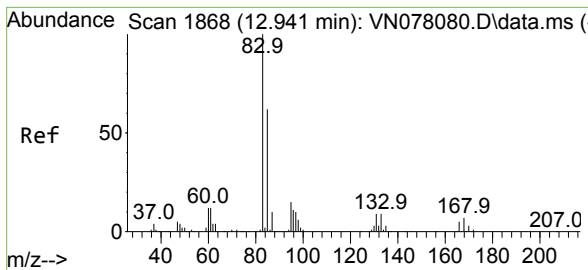
Tgt Ion:105 Resp: 395969
Ion Ratio Lower Upper
105 100
120 27.0 13.1 39.1



#74
N-ethyl acetate
Concen: 17.924 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

Tgt Ion: 43 Resp: 131109
Ion Ratio Lower Upper
43 100
70 46.9 43.4 65.2
55 24.9 21.4 32.0
61 26.5 22.8 34.2

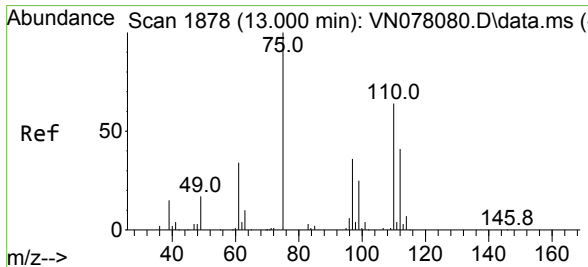
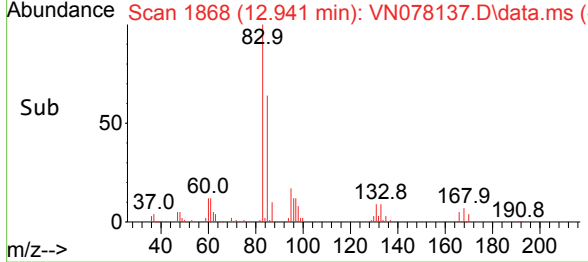
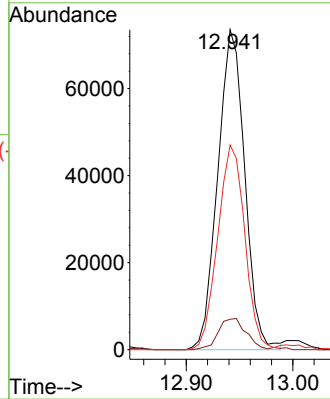
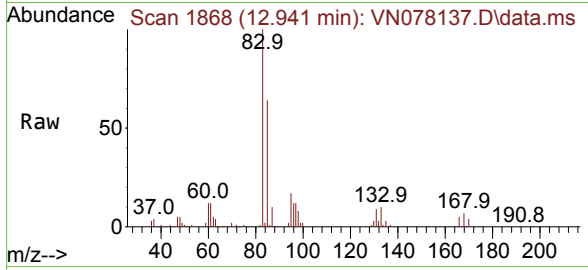




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.677 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN078137.D
 Acq: 09 Jun 2023 11:26

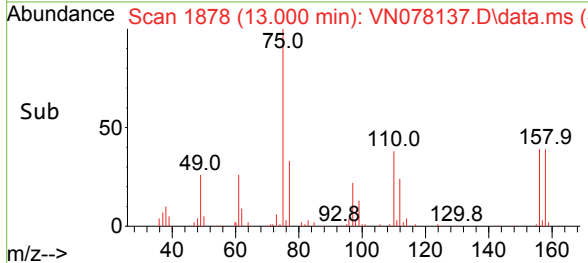
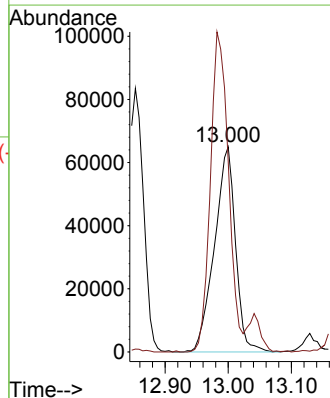
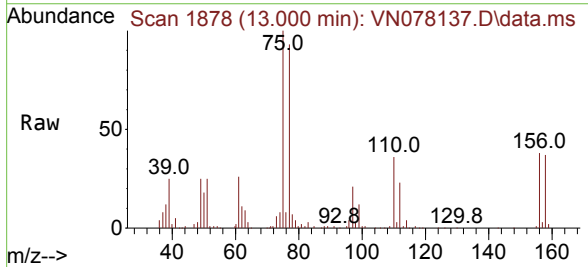
Instrument :
 MSVOA_N
 ClientSampleId :

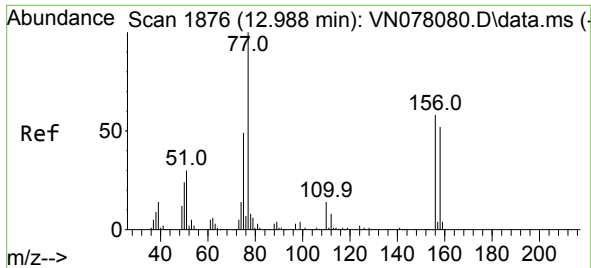
Tgt Ion: 83 Resp: 129283
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.0 15.0
 85 64.2 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 27.074 ug/l
 RT: 13.000 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VN078137.D
 Acq: 09 Jun 2023 11:26

Tgt Ion: 75 Resp: 150344
 Ion Ratio Lower Upper
 75 100
 77 134.3 84.5 253.5

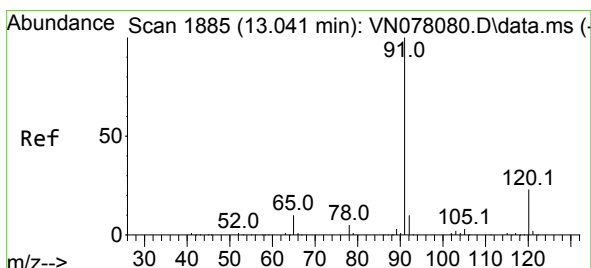
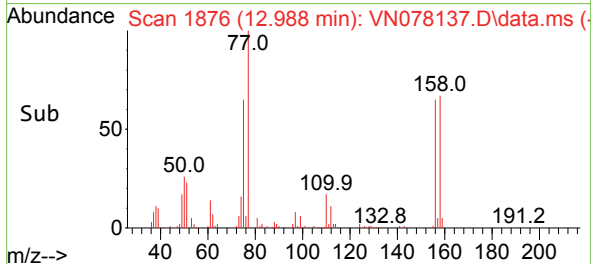
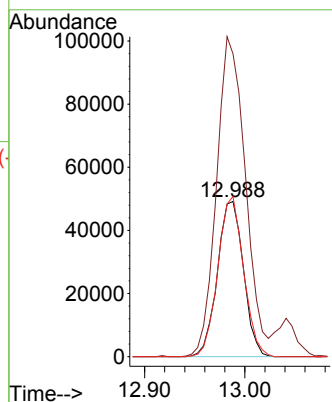
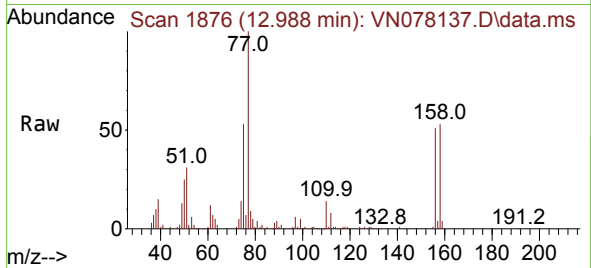




#77
Bromobenzene
Concen: 17.156 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

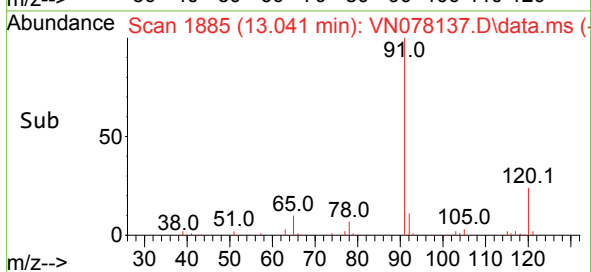
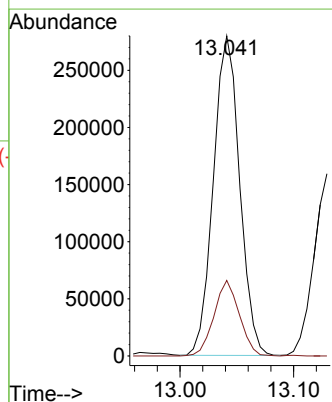
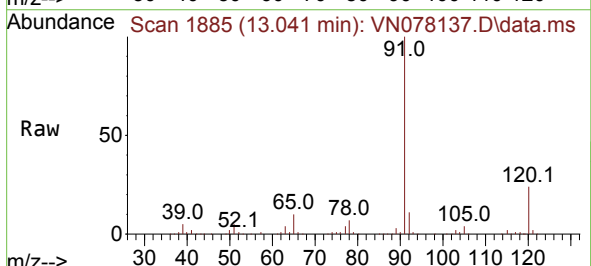
Instrument :
MSVOA_N
ClientSampleId :

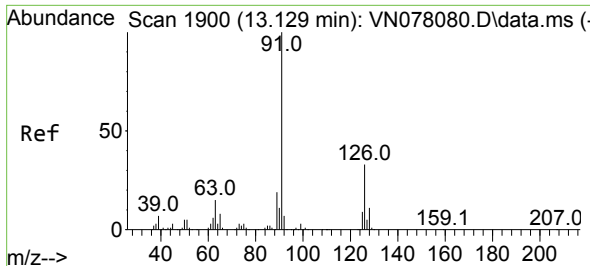
Tgt Ion:156 Resp: 88465
Ion Ratio Lower Upper
156 100
77 228.3 107.7 323.3
158 101.8 48.4 145.3



#78
n-propylbenzene
Concen: 18.616 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

Tgt Ion: 91 Resp: 449261
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4

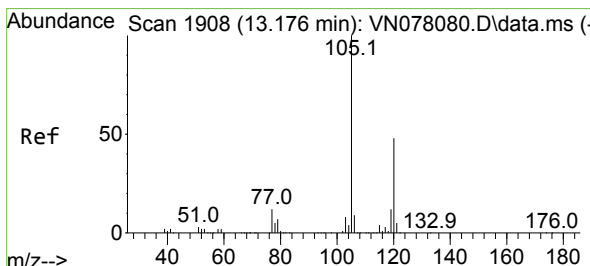
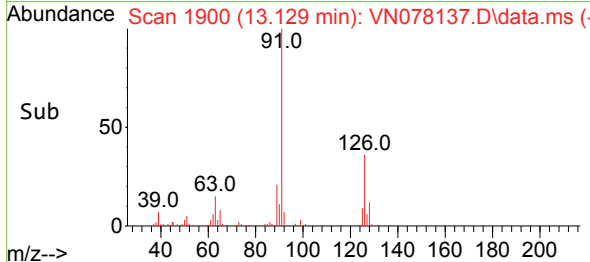
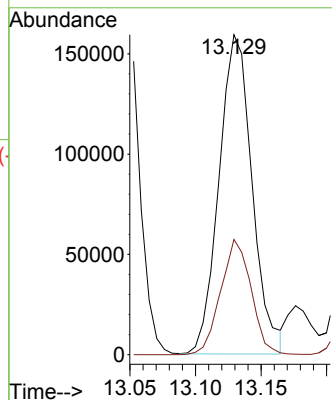
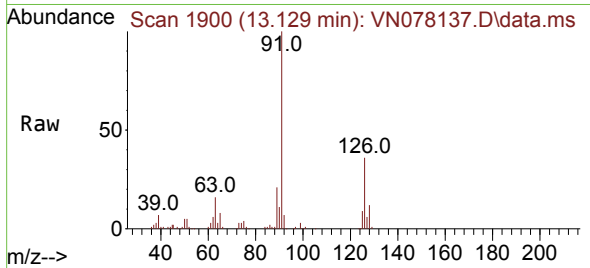




#79
2-Chlorotoluene
Concen: 17.955 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

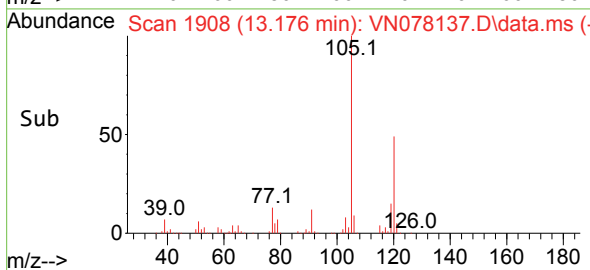
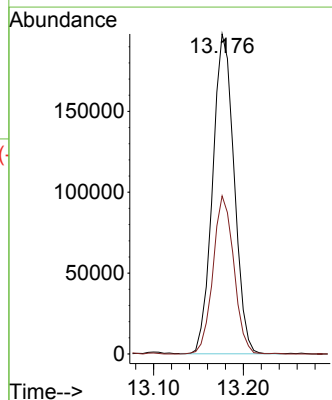
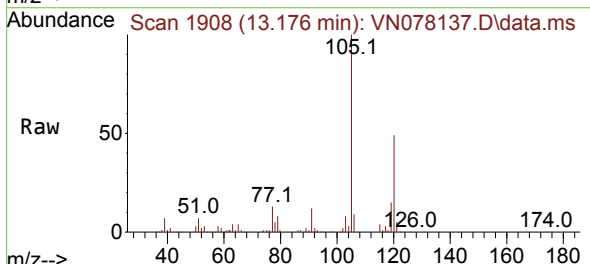
Instrument :
MSVOA_N
ClientSampleId :

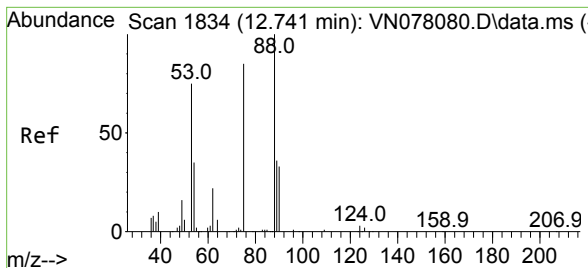
Tgt Ion: 91 Resp: 279699
Ion Ratio Lower Upper
91 100
126 33.2 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 18.254 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

Tgt Ion: 105 Resp: 328273
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.3

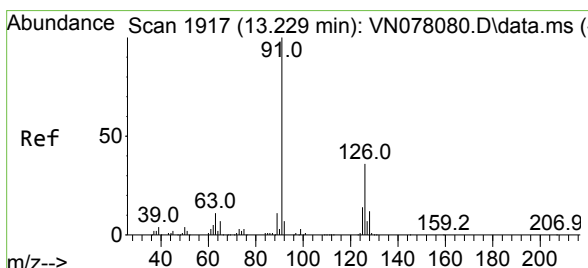
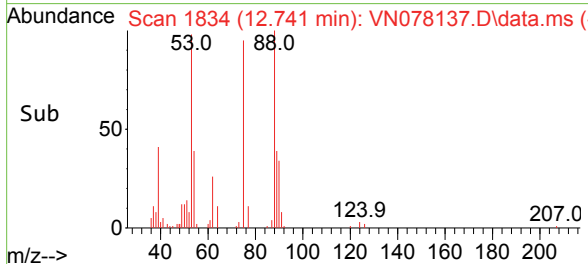
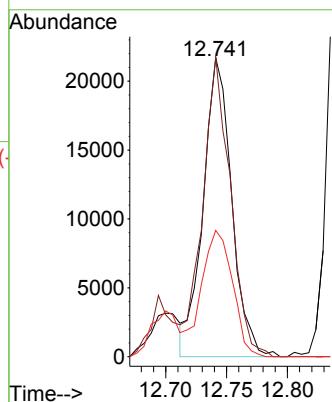
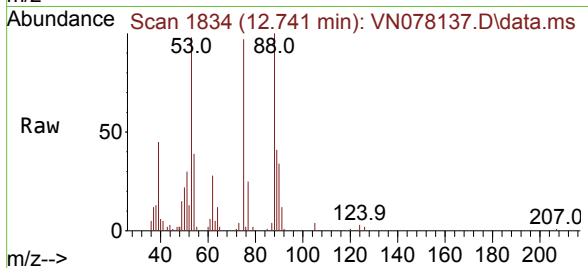




#81
trans-1,4-Dichloro-2-butene
Concen: 19.548 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

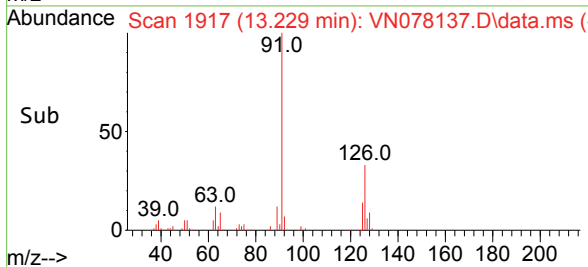
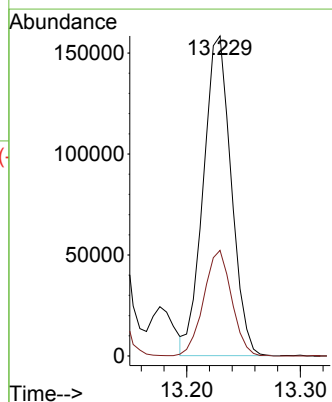
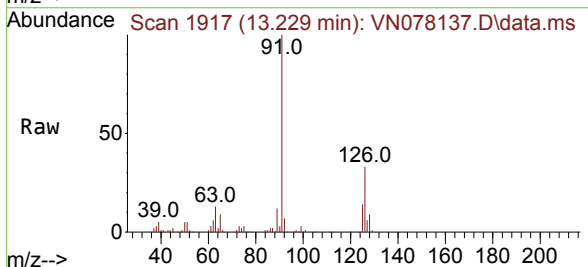
Instrument :
MSVOA_N
ClientSampleId :

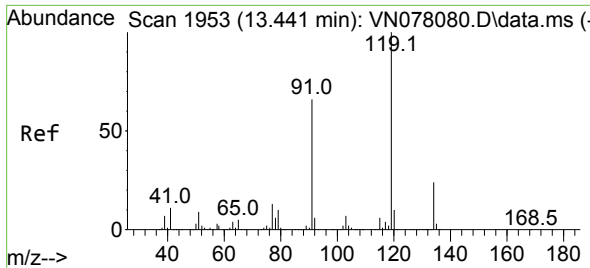
Tgt Ion: 75 Resp: 35331
Ion Ratio Lower Upper
75 100
53 97.5 67.4 101.2
89 46.5 38.8 58.2



#82
4-Chlorotoluene
Concen: 18.524 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

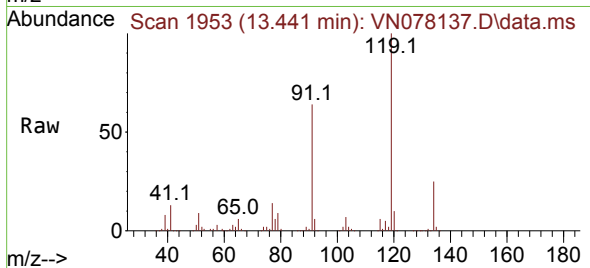
Tgt Ion: 91 Resp: 269323
Ion Ratio Lower Upper
91 100
126 33.2 16.7 50.0



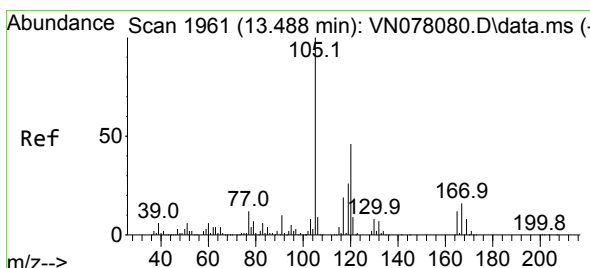
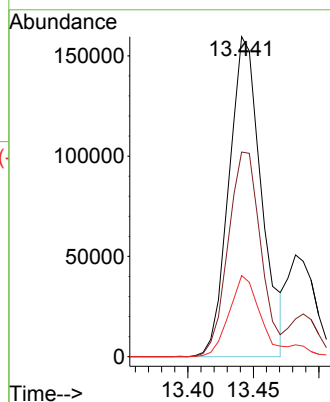
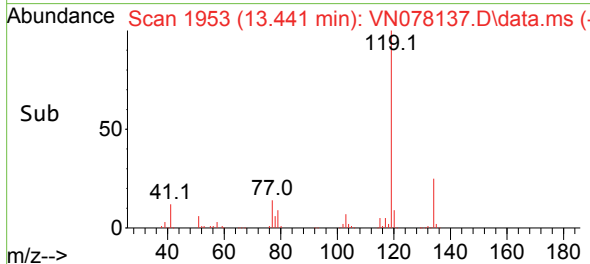


#83
tert-Butylbenzene
Concen: 17.594 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

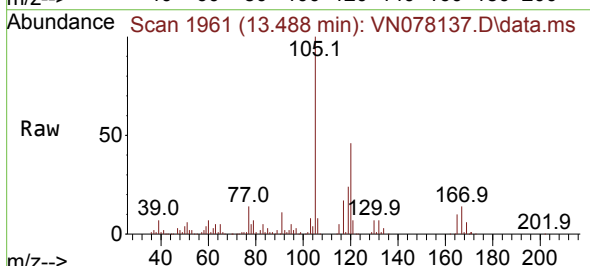
Instrument :
MSVOA_N
ClientSampleId :



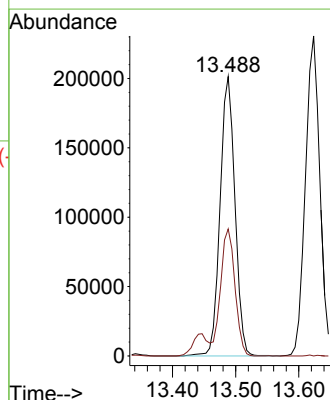
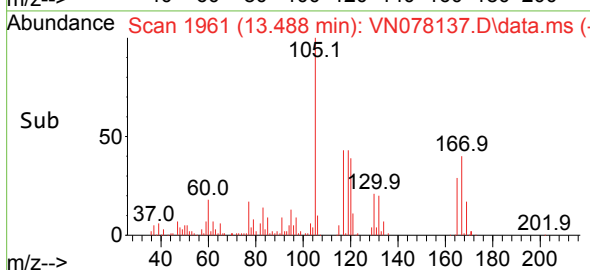
Tgt Ion:119 Resp: 275032
Ion Ratio Lower Upper
119 100
91 64.5 33.9 101.7
134 26.7 13.2 39.6

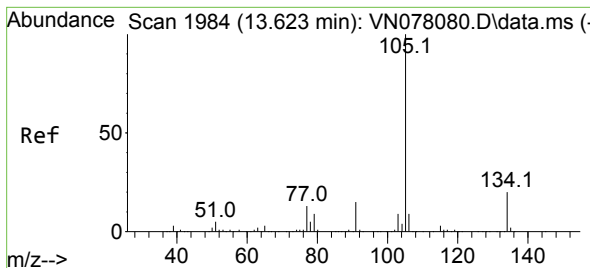


#84
1,2,4-Trimethylbenzene
Concen: 18.850 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26



Tgt Ion:105 Resp: 328654
Ion Ratio Lower Upper
105 100
120 44.3 22.0 66.0





#85

sec-Butylbenzene

Concen: 17.855 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

Instrument :

MSVOA_N

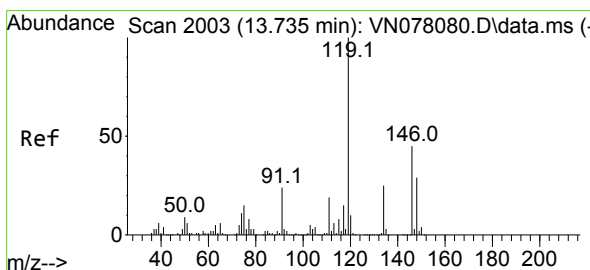
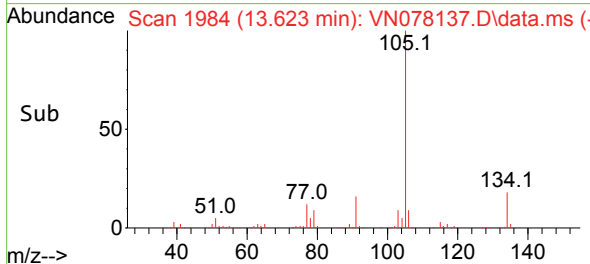
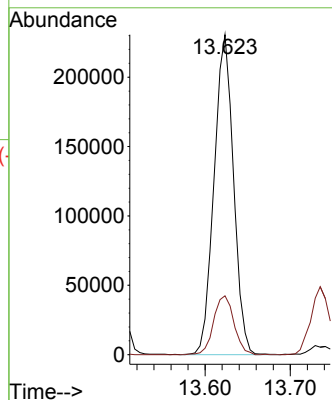
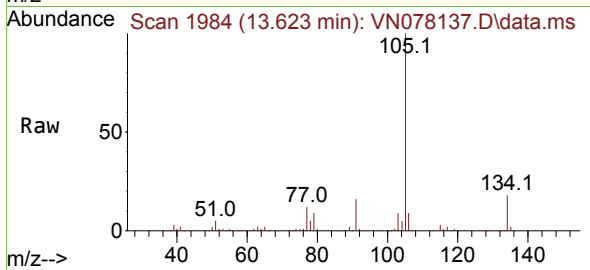
ClientSampleId :

Tgt Ion:105 Resp: 365321

Ion Ratio Lower Upper

105 100

134 19.3 9.8 29.3



#86

p-Isopropyltoluene

Concen: 17.582 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

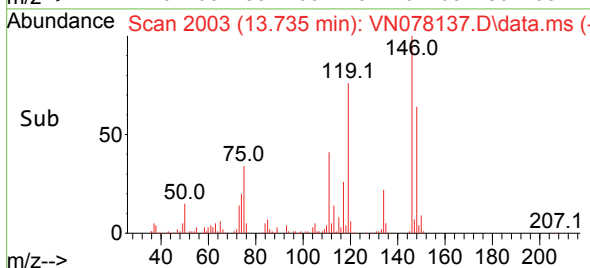
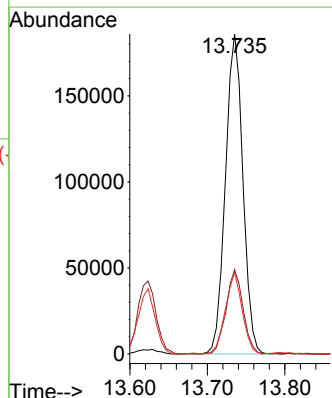
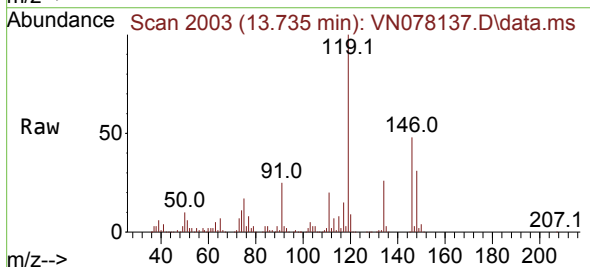
Tgt Ion:119 Resp: 291923

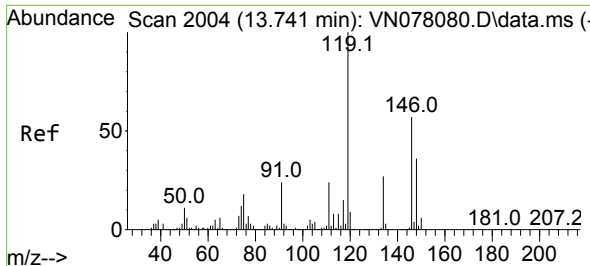
Ion Ratio Lower Upper

119 100

134 25.8 12.6 37.8

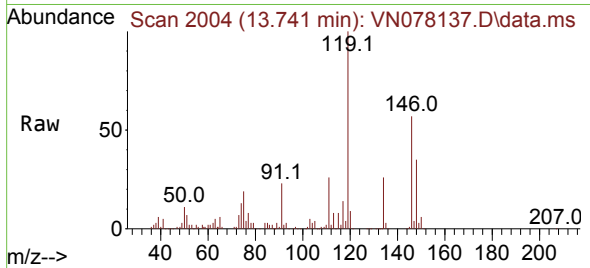
91 24.5 12.4 37.2



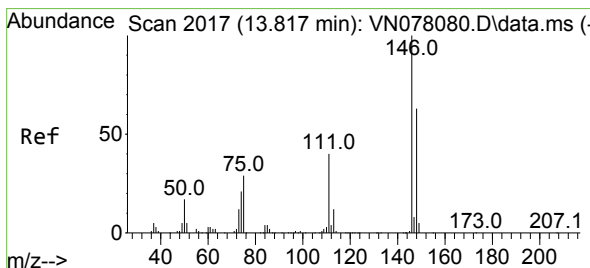
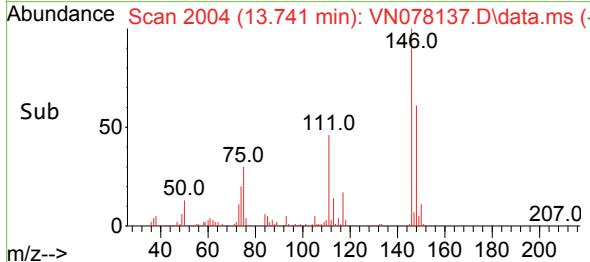
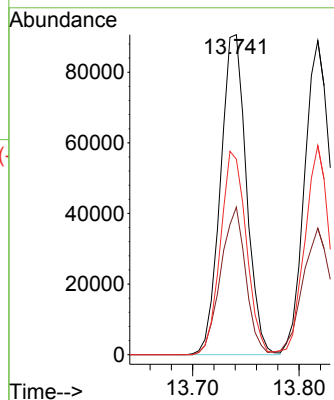


#87
 1,3-Dichlorobenzene
 Concen: 17.561 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. 0.000 min
 Lab File: VN078137.D
 Acq: 09 Jun 2023 11:26

Instrument :
 MSVOA_N
 ClientSampleId :

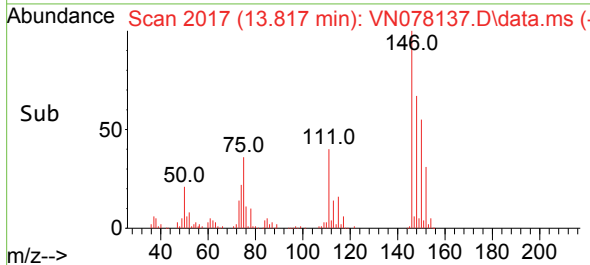
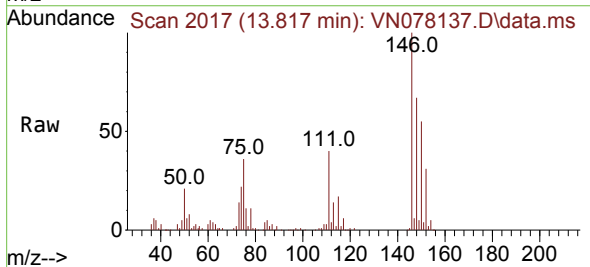
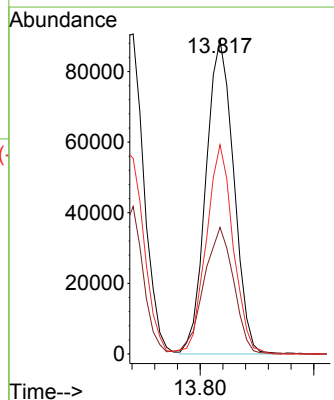


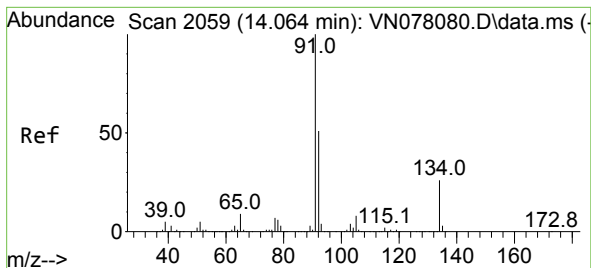
Tgt Ion:146 Resp: 153169
 Ion Ratio Lower Upper
 146 100
 111 44.5 22.1 66.3
 148 63.6 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 17.967 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VN078137.D
 Acq: 09 Jun 2023 11:26

Tgt Ion:146 Resp: 151212
 Ion Ratio Lower Upper
 146 100
 111 43.2 20.6 61.8
 148 64.6 31.6 94.8





#89

n-Butylbenzene

Concen: 17.060 ug/l

RT: 14.065 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

Instrument :

MSVOA_N

ClientSampleId :

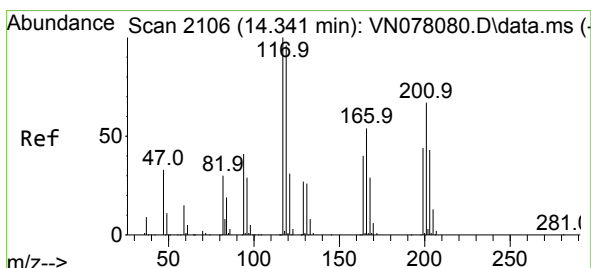
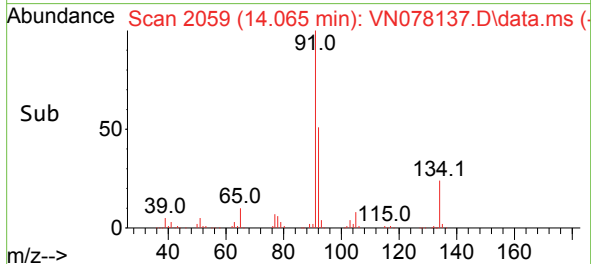
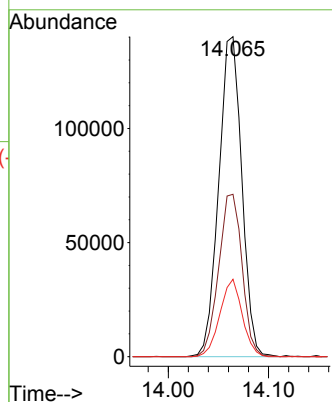
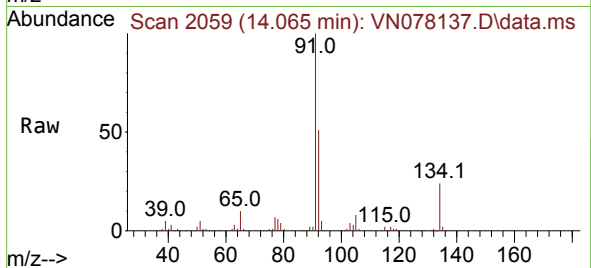
Tgt Ion: 91 Resp: 223421

Ion Ratio Lower Upper

91 100

92 51.6 26.4 79.0

134 23.5 12.6 37.6



#90

Hexachloroethane

Concen: 17.713 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. -0.000 min

Lab File: VN078137.D

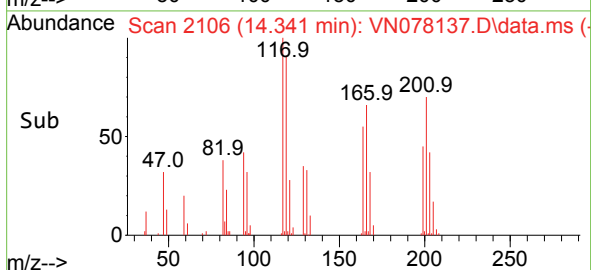
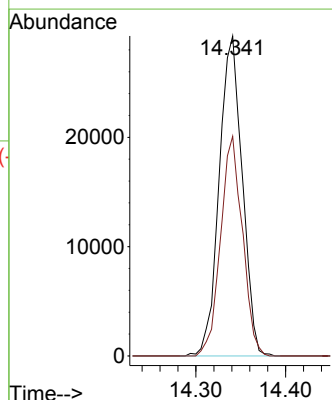
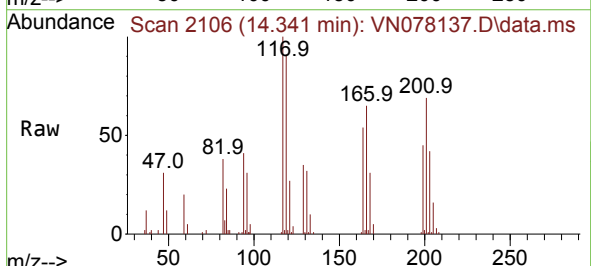
Acq: 09 Jun 2023 11:26

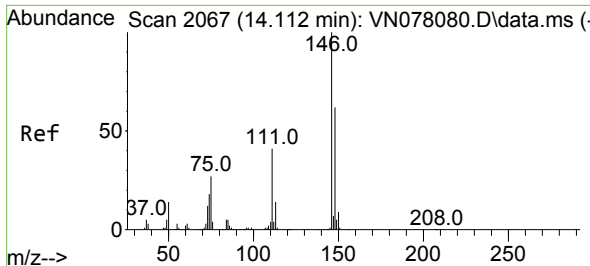
Tgt Ion: 117 Resp: 52194

Ion Ratio Lower Upper

117 100

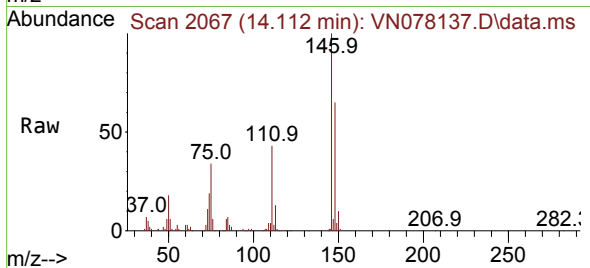
201 65.2 29.3 88.0



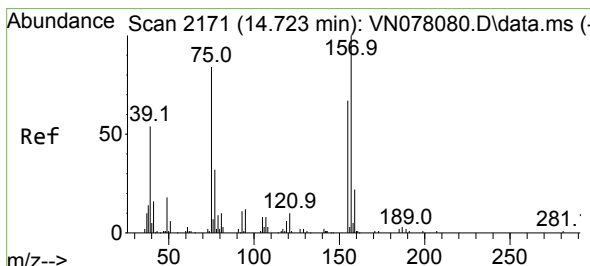
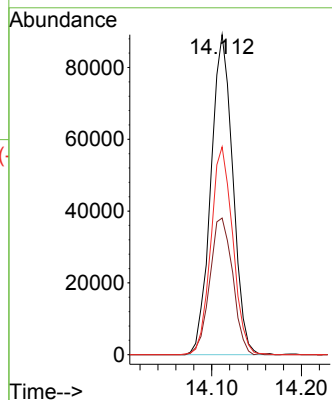
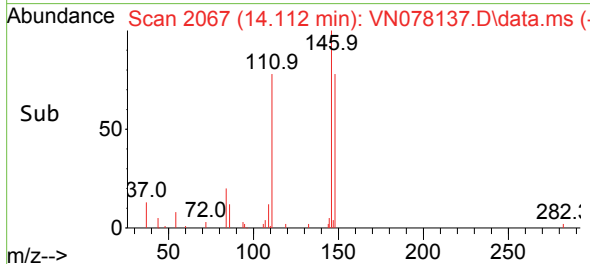


#91
1,2-Dichlorobenzene
Concen: 17.764 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26

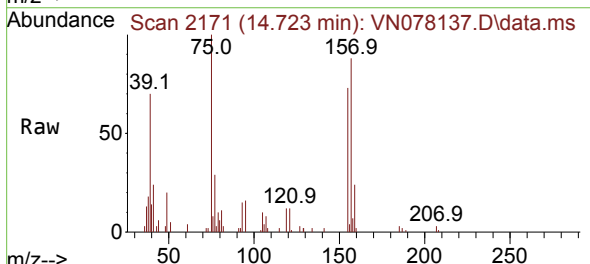
Instrument :
MSVOA_N
ClientSampleId :



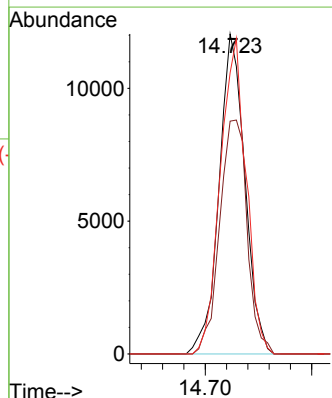
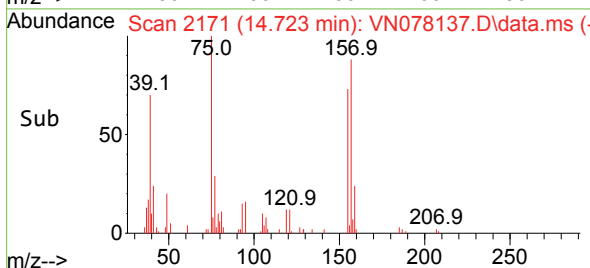
Tgt Ion:146 Resp: 151426
Ion Ratio Lower Upper
146 100
111 44.5 22.0 66.0
148 64.9 31.8 95.3

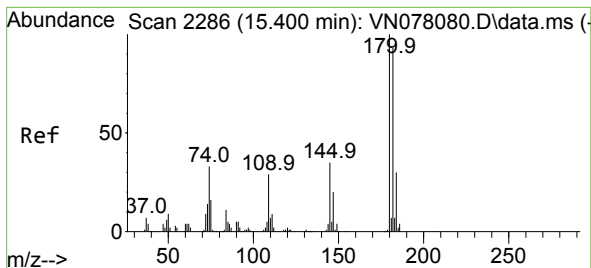


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.412 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078137.D
Acq: 09 Jun 2023 11:26



Tgt Ion: 75 Resp: 20257
Ion Ratio Lower Upper
75 100
155 77.9 39.1 117.2
157 98.7 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 16.310 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

Instrument :

MSVOA_N

ClientSampleId :

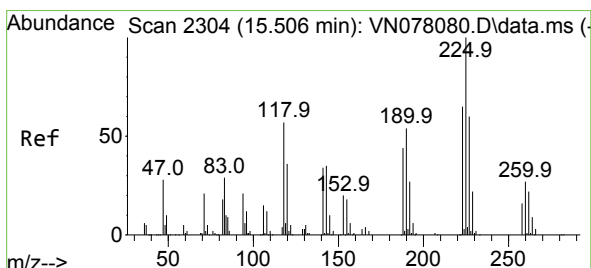
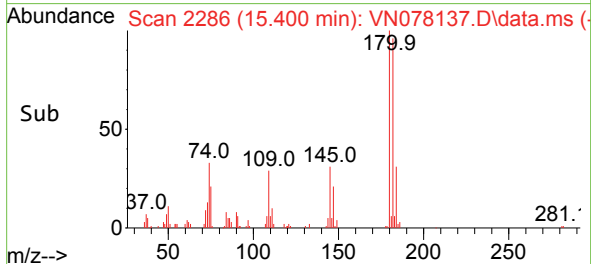
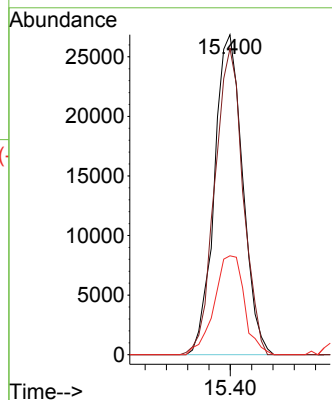
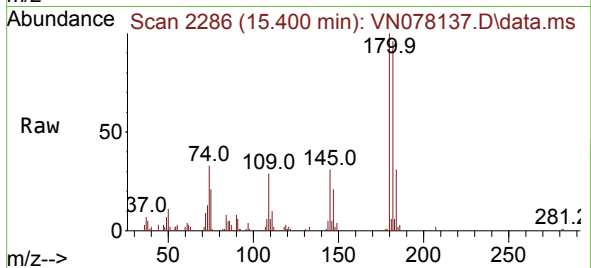
Tgt Ion:180 Resp: 49536

Ion Ratio Lower Upper

180 100

182 95.5 46.1 138.2

145 32.8 16.6 49.8



#94

Hexachlorobutadiene

Concen: 17.081 ug/l

RT: 15.511 min Scan# 2305

Delta R.T. 0.005 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

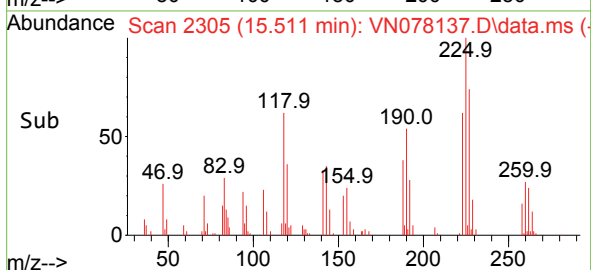
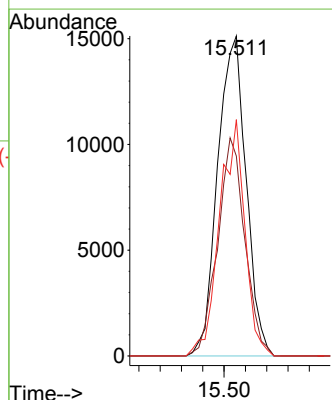
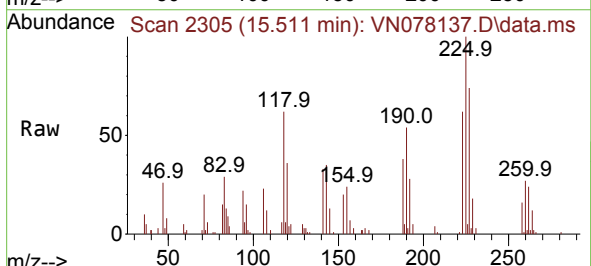
Tgt Ion:225 Resp: 28054

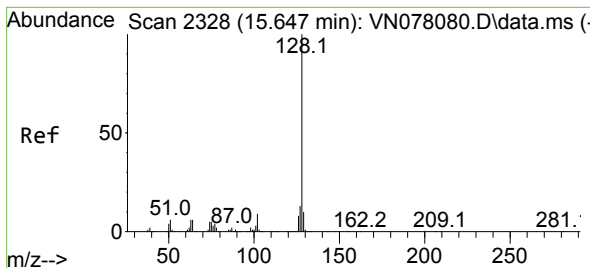
Ion Ratio Lower Upper

225 100

223 65.4 31.3 93.8

227 65.7 31.9 95.9





#95

Naphthalene

Concen: 14.763 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.000 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

Instrument :

MSVOA_N

ClientSampleId :

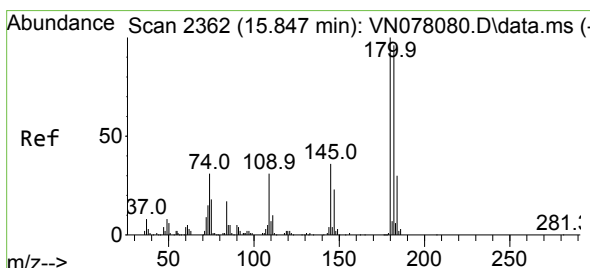
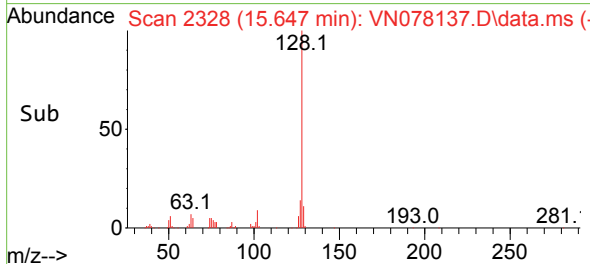
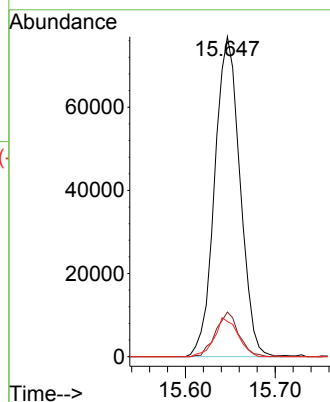
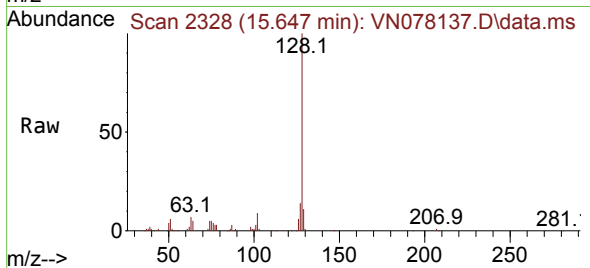
Tgt Ion:128 Resp: 150824

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

129 11.3 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 15.810 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.000 min

Lab File: VN078137.D

Acq: 09 Jun 2023 11:26

Tgt Ion:180 Resp: 53704

Ion Ratio Lower Upper

180 100

182 98.2 46.2 138.6

145 35.6 17.5 52.6

