

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081823\
 Data File : VN078938.D
 Acq On : 18 Aug 2023 13:12
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 18 23:39:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	179252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	297766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	270778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	126019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	126523	45.360	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.720%
35) Dibromofluoromethane	8.171	113	99874	49.827	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.660%
50) Toluene-d8	10.571	98	369332	49.625	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.853	95	127986	52.611	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.220%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	130840	52.605	ug/l	99
3) Chloromethane	2.365	50	149356	43.009	ug/l	97
4) Vinyl Chloride	2.512	62	153779	50.494	ug/l	99
5) Bromomethane	2.942	94	88667	50.710	ug/l	99
6) Chloroethane	3.106	64	97504	45.798	ug/l	98
7) Trichlorofluoromethane	3.489	101	207163	55.849	ug/l	98
8) Diethyl Ether	3.965	74	71269	50.681	ug/l	58
9) 1,1,2-Trichlorotrifluo...	4.371	101	109141	55.245	ug/l	99
10) Methyl Iodide	4.595	142	127528	57.695	ug/l	96
11) Tert butyl alcohol	5.530	59	113858	243.260	ug/l	98
12) 1,1-Dichloroethene	4.336	96	102386	53.204	ug/l #	79
13) Acrolein	4.183	56	75808	326.461	ug/l	98
14) Allyl chloride	5.024	41	178942	46.719	ug/l #	88
15) Acrylonitrile	5.724	53	327707	258.448	ug/l	98
16) Acetone	4.430	43	276480	240.227	ug/l	91
17) Carbon Disulfide	4.712	76	307497	57.083	ug/l	99
18) Methyl Acetate	5.024	43	238490	49.052	ug/l #	81
19) Methyl tert-butyl Ether	5.806	73	368880	53.213	ug/l	94
20) Methylene Chloride	5.277	84	129519	52.807	ug/l #	81
21) trans-1,2-Dichloroethene	5.789	96	120120	55.664	ug/l #	81
22) Diisopropyl ether	6.677	45	436405	53.859	ug/l #	91
23) Vinyl Acetate	6.606	43	1406318	263.594	ug/l #	85
24) 1,1-Dichloroethane	6.571	63	237029	53.548	ug/l	98
25) 2-Butanone	7.488	43	457109	247.725	ug/l #	76
26) 2,2-Dichloropropane	7.488	77	163507	45.698	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	140345	53.508	ug/l	87
28) Bromochloromethane	7.818	49	124601	53.064	ug/l #	75
29) Tetrahydrofuran	7.841	42	315353	258.201	ug/l #	70
30) Chloroform	7.971	83	241828	54.684	ug/l	94
31) Cyclohexane	8.265	56	181466	52.288	ug/l #	82
32) 1,1,1-Trichloroethane	8.177	97	205362	54.462	ug/l	93
36) 1,1-Dichloropropene	8.371	75	178451	59.185	ug/l	96
37) Ethyl Acetate	7.565	43	192727	57.130	ug/l #	89
38) Carbon Tetrachloride	8.365	117	182846	60.523	ug/l	99
39) Methylcyclohexane	9.606	83	149529	53.923	ug/l #	87
40) Benzene	8.612	78	533938	59.912	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	109223	59.447	ug/l #	80
42) 1,2-Dichloroethane	8.671	62	195569	58.738	ug/l	97
43) Isopropyl Acetate	8.694	43	316953	53.156	ug/l #	86
44) Trichloroethene	9.359	130	127076	60.010	ug/l	94
45) 1,2-Dichloropropane	9.629	63	140787	59.334	ug/l	99
46) Dibromomethane	9.712	93	95138	58.457	ug/l	93
47) Bromodichloromethane	9.894	83	193178	60.111	ug/l	99
48) Methyl methacrylate	9.682	41	154881	57.322	ug/l #	76
49) 1,4-Dioxane	9.694	88	52999	1151.586	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	982732	277.885	ug/l #	85
52) Toluene	10.635	92	326940	59.751	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	200992	58.320	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	218052	58.094	ug/l #	86
55) 1,1,2-Trichloroethane	11.024	97	129188	58.884	ug/l	94
56) Ethyl methacrylate	10.882	69	195521	57.491	ug/l #	73
57) 1,3-Dichloropropane	11.171	76	225604	57.491	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	435044	266.487	ug/l	90
59) 2-Hexanone	11.200	43	715820	279.458	ug/l	84
60) Dibromochloromethane	11.365	129	142465	61.708	ug/l	99
61) 1,2-Dibromoethane	11.476	107	131066	58.787	ug/l	99
64) Tetrachloroethene	11.106	164	102470	60.344	ug/l	92
65) Chlorobenzene	11.894	112	341412	59.233	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	128293	58.897	ug/l	98
67) Ethyl Benzene	11.971	91	606977	57.908	ug/l	97
68) m/p-Xylenes	12.076	106	465460	118.772	ug/l	98
69) o-Xylene	12.400	106	228278	59.880	ug/l	99
70) Styrene	12.418	104	378696	59.575	ug/l	98
71) Bromoform	12.582	173	97210	61.385	ug/l #	99
73) Isopropylbenzene	12.700	105	546511	52.010	ug/l	100
74) N-amyl acetate	12.500	43	270836	51.064	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	194554	51.279	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	237902	78.349	ug/l	68
77) Bromobenzene	12.988	156	137478	54.431	ug/l	99
78) n-propylbenzene	13.041	91	634913	52.107	ug/l	98
79) 2-Chlorotoluene	13.129	91	394353	52.174	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	445546	53.506	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	58809	49.476	ug/l #	82
82) 4-Chlorotoluene	13.223	91	394992	53.409	ug/l	100
83) tert-Butylbenzene	13.441	119	349994	50.025	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	439983	53.362	ug/l	96
85) sec-Butylbenzene	13.623	105	478257	49.671	ug/l	99
86) p-Isopropyltoluene	13.735	119	390770	50.798	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	235168	54.109	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	231755	53.276	ug/l	99
89) n-Butylbenzene	14.059	91	315502	49.837	ug/l	98
90) Hexachloroethane	14.335	117	79300	51.425	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	236519	54.723	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	36265	58.541	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	81719	53.334	ug/l	96
94) Hexachlorobutadiene	15.506	225	41454	52.452	ug/l	100
95) Naphthalene	15.647	128	254616	44.161	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	89175	53.139	ug/l	96

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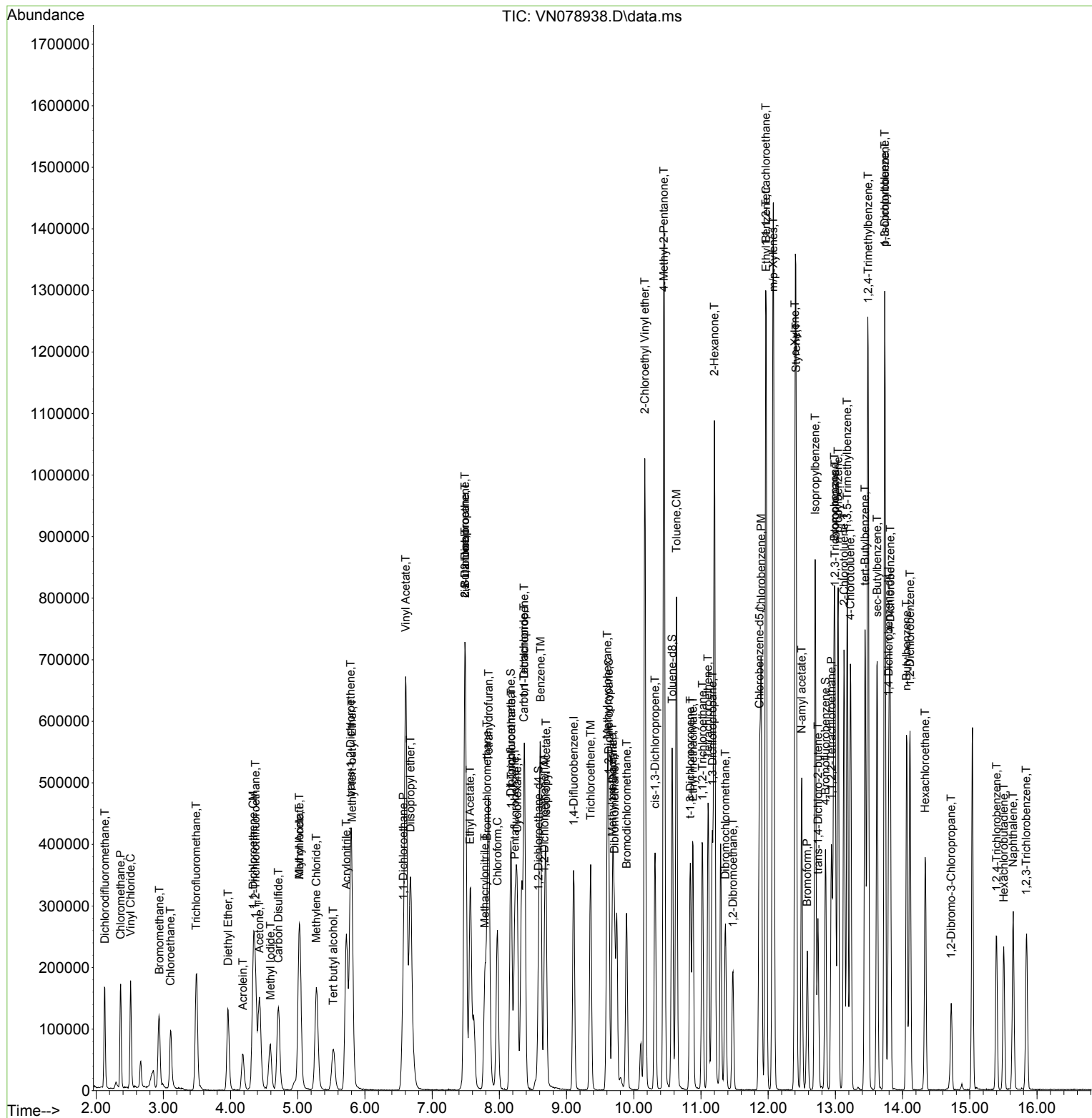
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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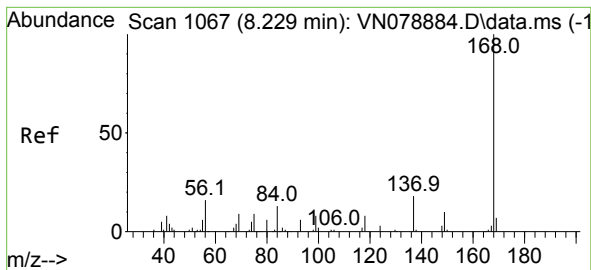
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

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MSVOA_N

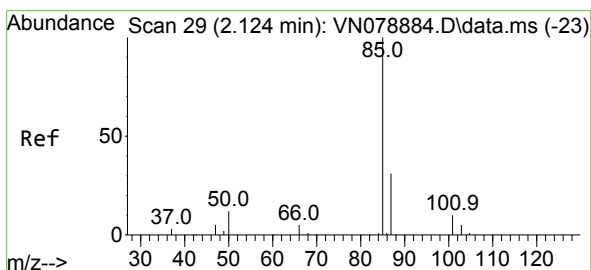
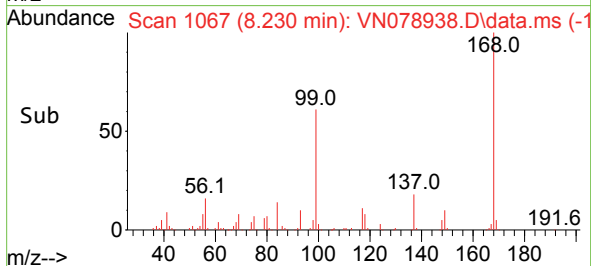
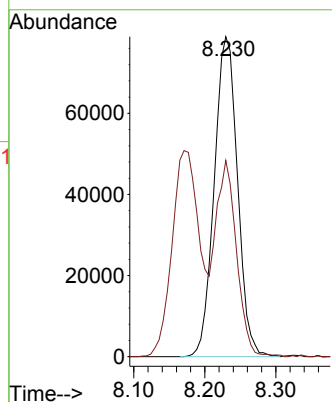
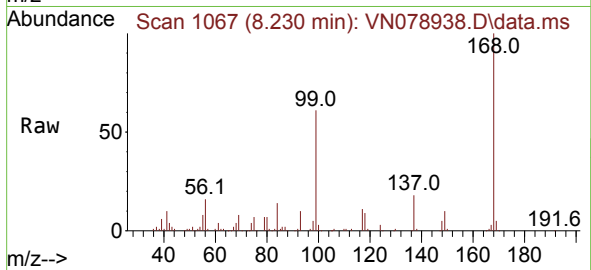
ClientSampleId :

Tgt Ion:168 Resp: 179252

Ion Ratio Lower Upper

168 100

99 60.8 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 52.605 ug/l

RT: 2.130 min Scan# 30

Delta R.T. -0.006 min

Lab File: VN078938.D

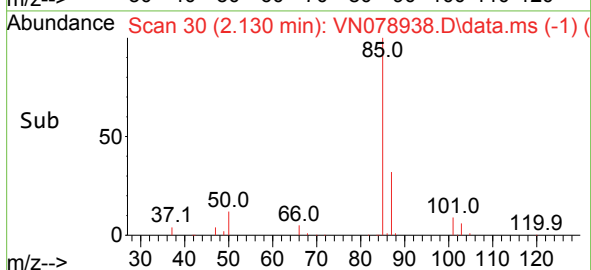
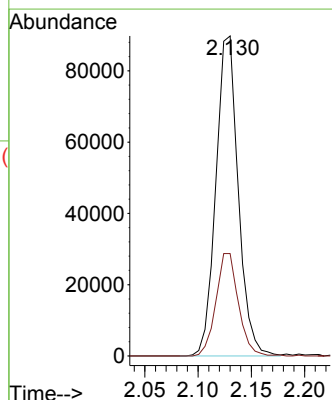
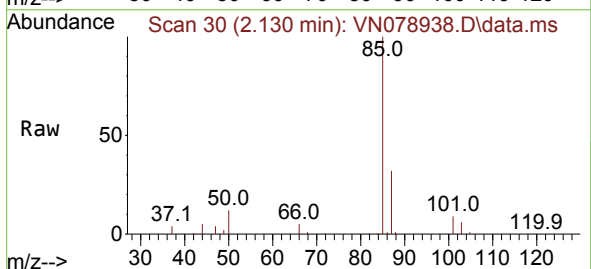
Acq: 18 Aug 2023 13:12

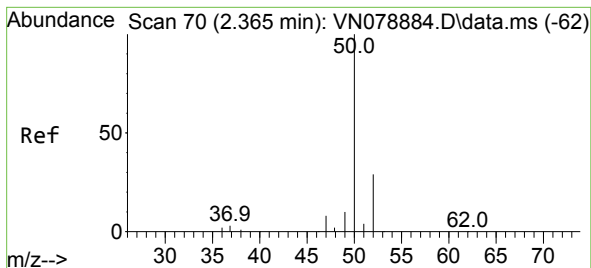
Tgt Ion: 85 Resp: 130840

Ion Ratio Lower Upper

85 100

87 32.0 15.8 47.4





#3

Chloromethane

Concen: 43.009 ug/l

RT: 2.365 min Scan# 70

Delta R.T. -0.006 min

Lab File: VN078938.D

Acq: 18 Aug 2023 13:12

Instrument :

MSVOA_N

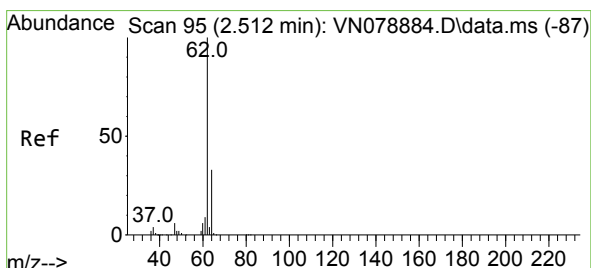
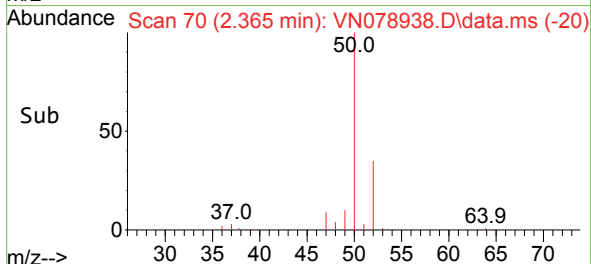
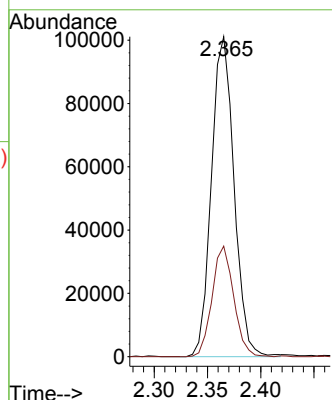
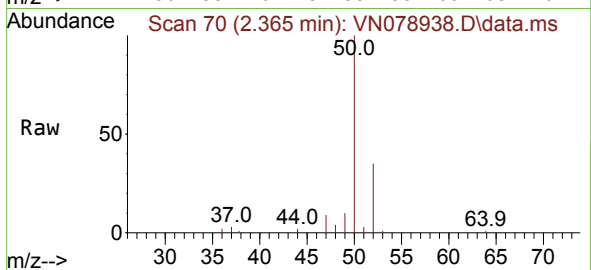
ClientSampleId :

Tgt Ion: 50 Resp: 149356

Ion Ratio Lower Upper

50 100

52 34.6 26.5 39.7



#4

Vinyl Chloride

Concen: 50.494 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN078938.D

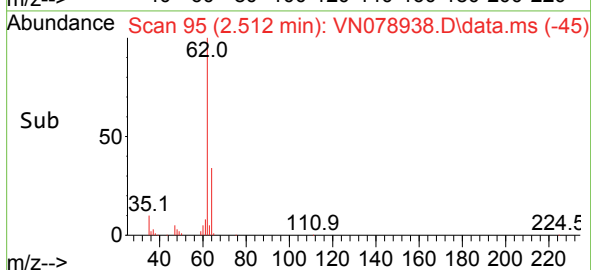
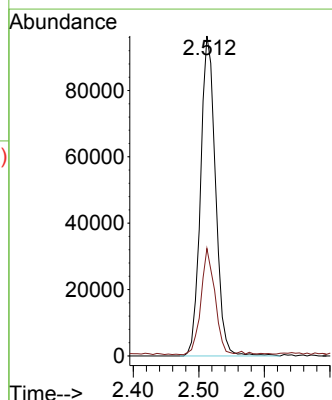
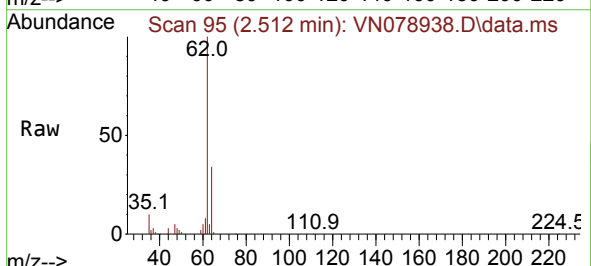
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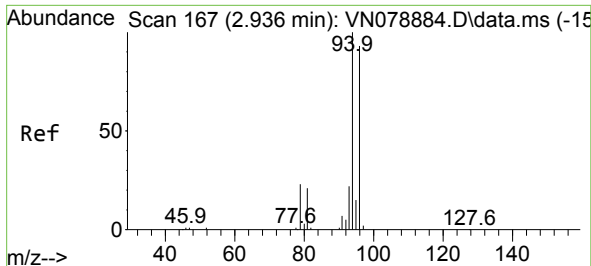
Tgt Ion: 62 Resp: 153779

Ion Ratio Lower Upper

62 100

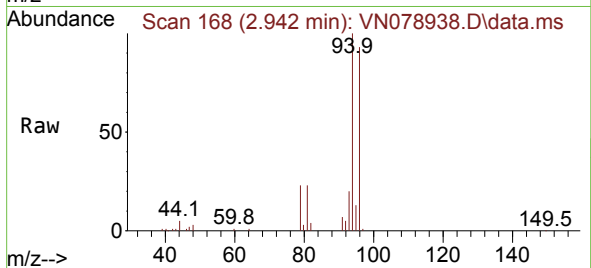
64 33.2 26.2 39.2



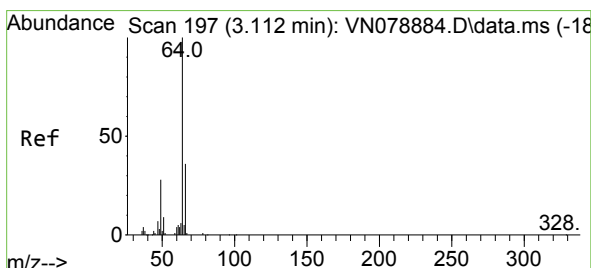
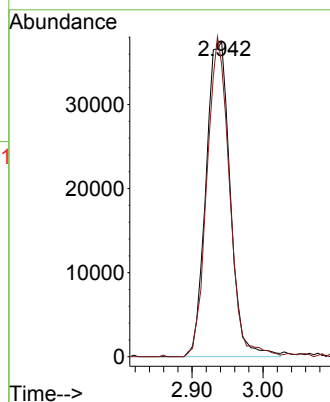
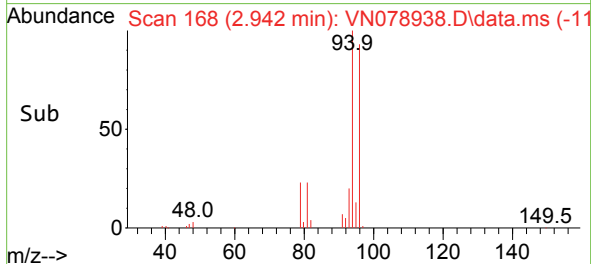


#5
Bromomethane
Concen: 50.710 ug/l
RT: 2.942 min Scan# 11
Delta R.T. -0.006 min
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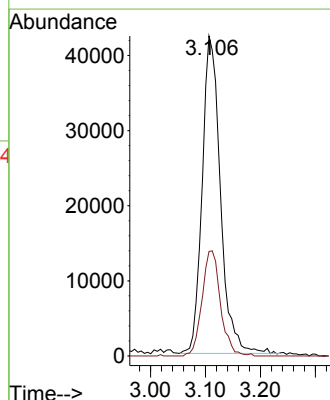
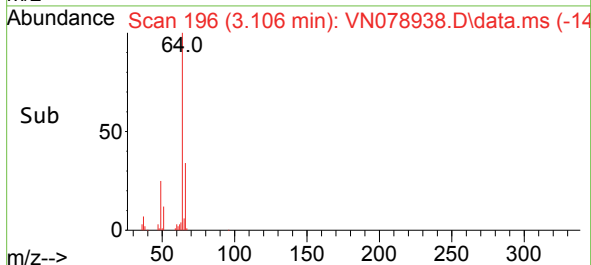
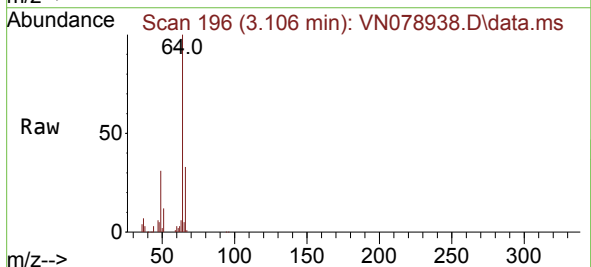


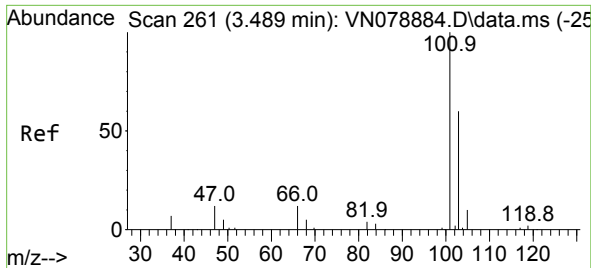
Tgt Ion: 94 Resp: 88667
Ion Ratio Lower Upper
94 100
96 92.7 73.1 109.7



#6
Chloroethane
Concen: 45.798 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

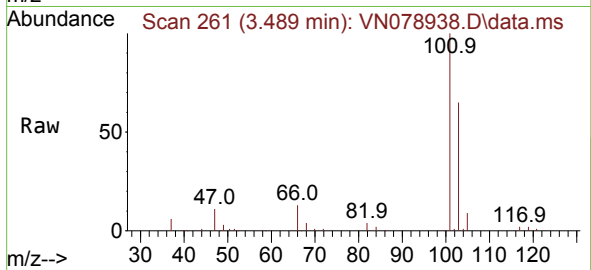
Tgt Ion: 64 Resp: 97504
Ion Ratio Lower Upper
64 100
66 32.9 25.4 38.2



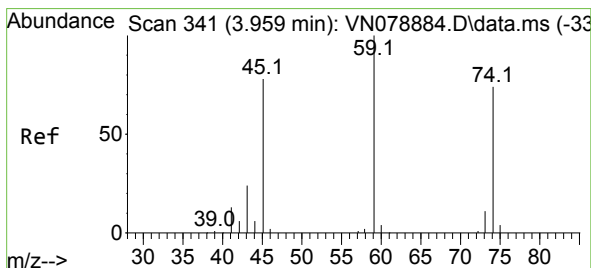
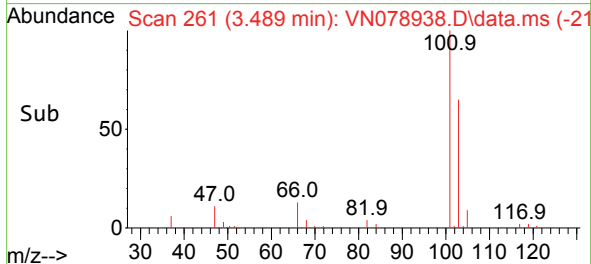
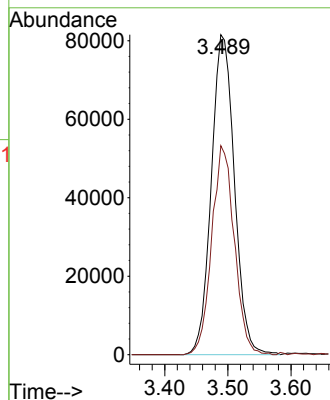


#7
 Trichlorofluoromethane
 Concen: 55.849 ug/l
 RT: 3.489 min Scan# 207
 Delta R.T. -0.012 min
 Lab File: VN078938.D
 Acq: 18 Aug 2023 13:12

Instrument :
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 ClientSampleId :

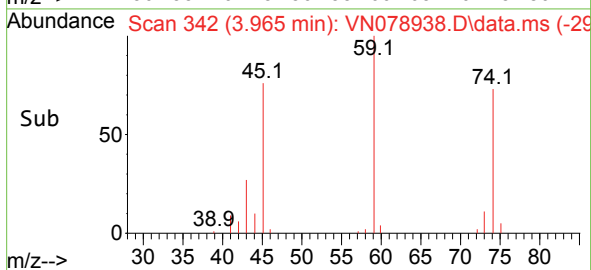
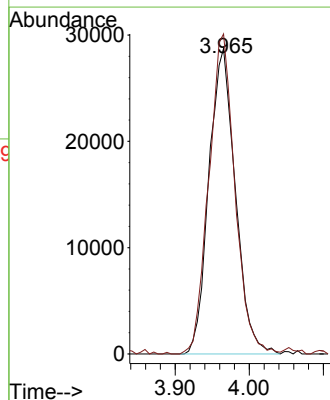
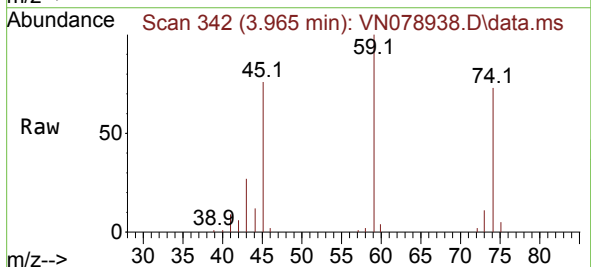


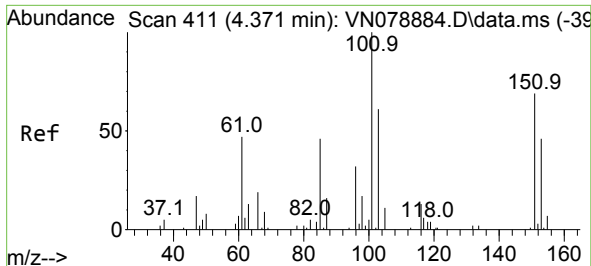
Tgt Ion:101 Resp: 207163
 Ion Ratio Lower Upper
 101 100
 103 65.3 50.7 76.1



#8
 Diethyl Ether
 Concen: 50.681 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 71269
 Ion Ratio Lower Upper
 74 100
 45 103.3 34.4 103.3

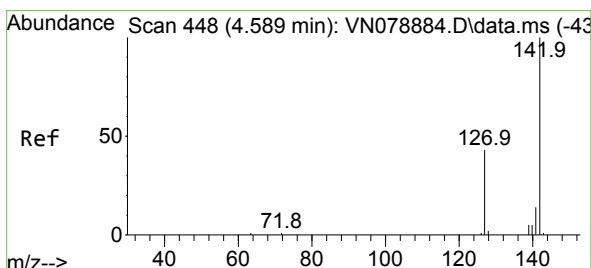
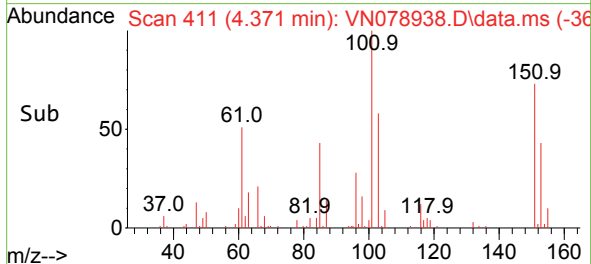
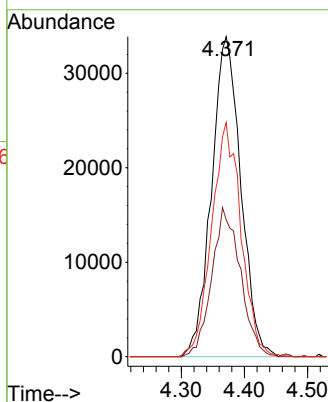
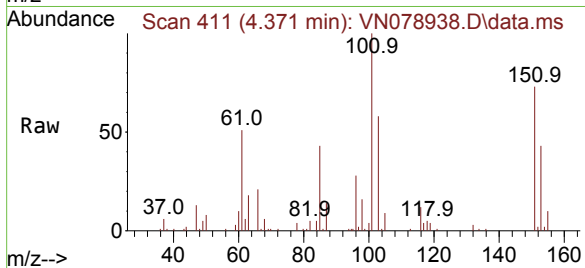




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.245 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

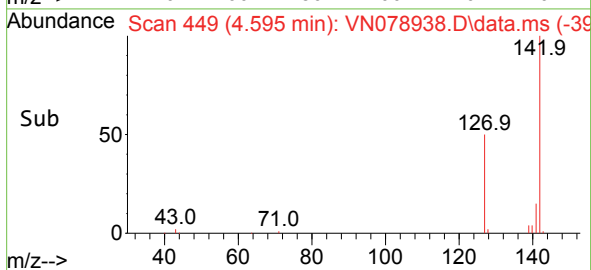
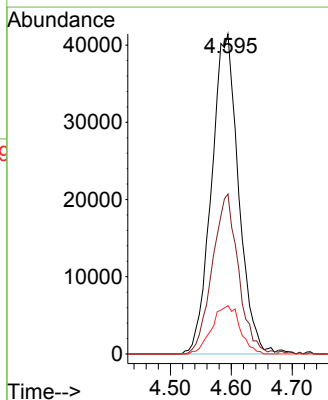
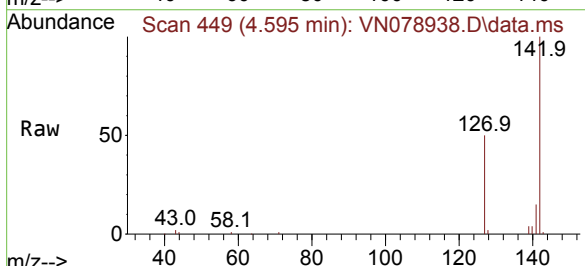
Instrument :
MSVOA_N
ClientSampleId :

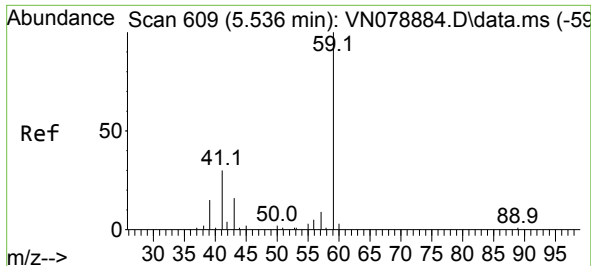
Tgt Ion:101 Resp: 109141
Ion Ratio Lower Upper
101 100
85 45.5 36.6 55.0
151 73.4 57.6 86.4



#10
Methyl Iodide
Concen: 57.695 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

Tgt Ion:142 Resp: 127528
Ion Ratio Lower Upper
142 100
127 50.0 37.6 56.4
141 15.1 11.4 17.0

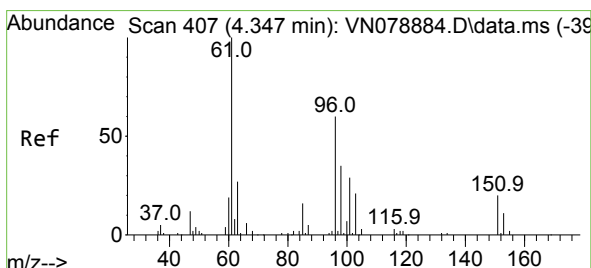
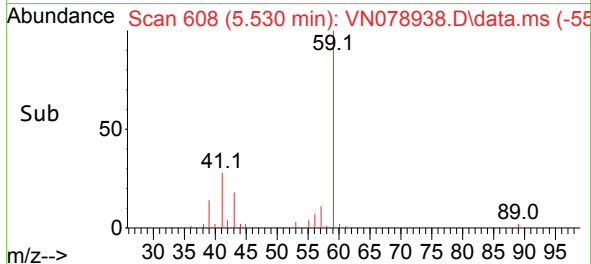
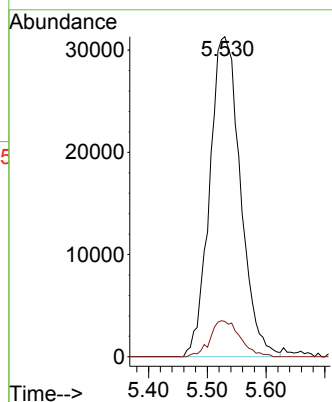
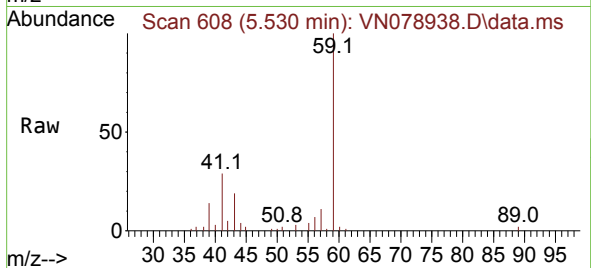




#11
Tert butyl alcohol
Concen: 243.260 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

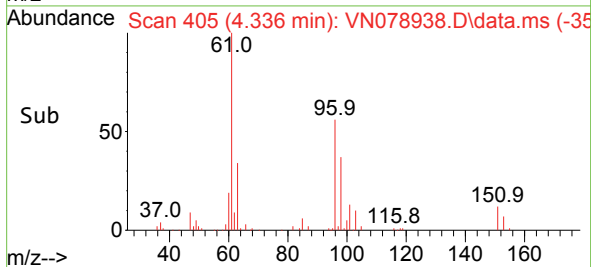
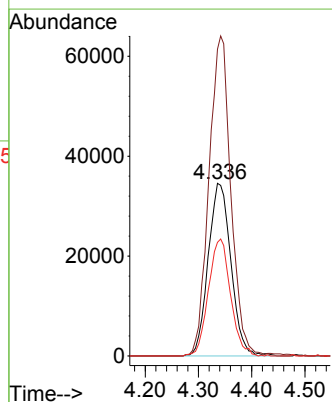
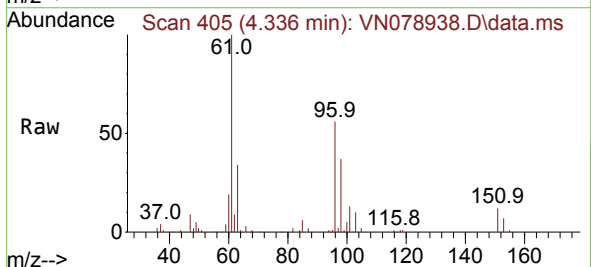
Instrument :
MSVOA_N
ClientSampleId :

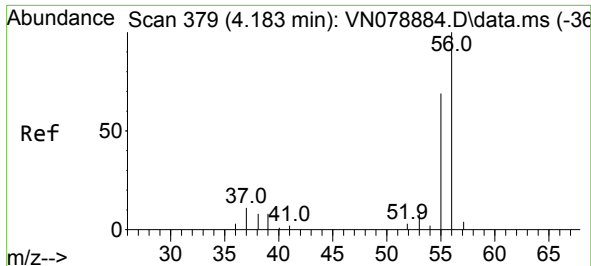
Tgt Ion: 59 Resp: 113858
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.4



#12
1,1-Dichloroethene
Concen: 53.204 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.012 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

Tgt Ion: 96 Resp: 102386
Ion Ratio Lower Upper
96 100
61 177.7 112.7 169.1#
98 65.8 51.2 76.8

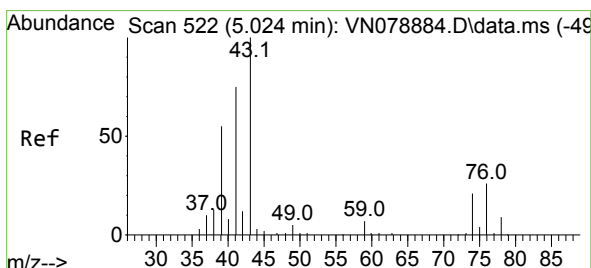
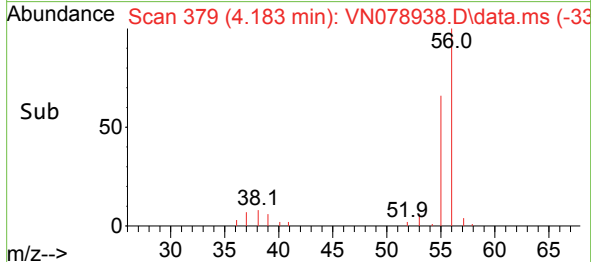
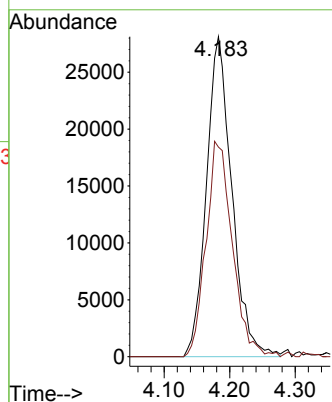
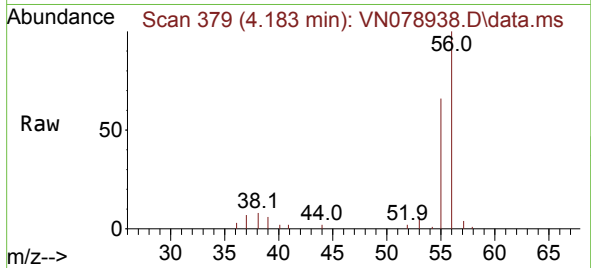




#13
Acrolein
Concen: 326.461 ug/l
RT: 4.183 min Scan# 379
Delta R.T. -0.012 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

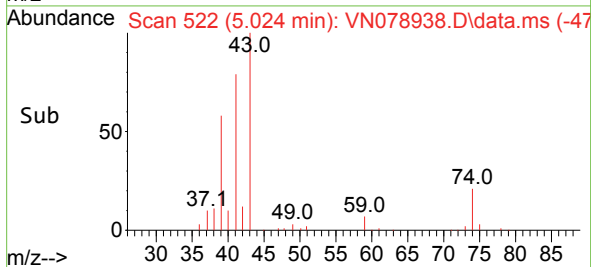
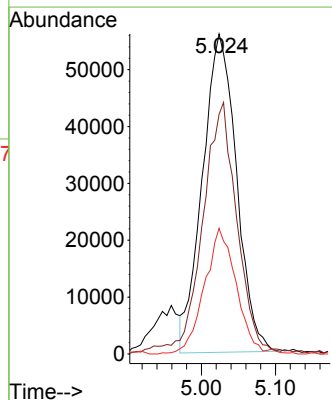
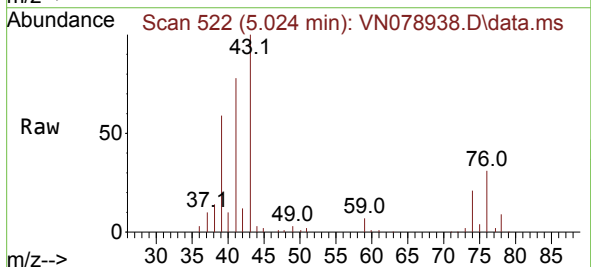
Instrument :
MSVOA_N
ClientSampleId :

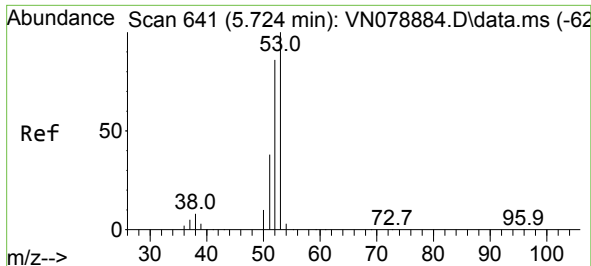
Tgt Ion: 56 Resp: 75808
Ion Ratio Lower Upper
56 100
55 69.7 54.5 81.7



#14
Allyl chloride
Concen: 46.719 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

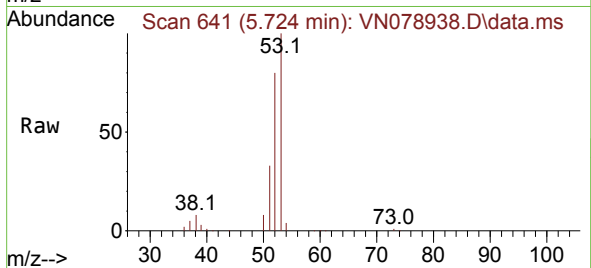
Tgt Ion: 41 Resp: 178942
Ion Ratio Lower Upper
41 100
39 80.6 58.8 88.2
76 37.2 39.1 58.7#



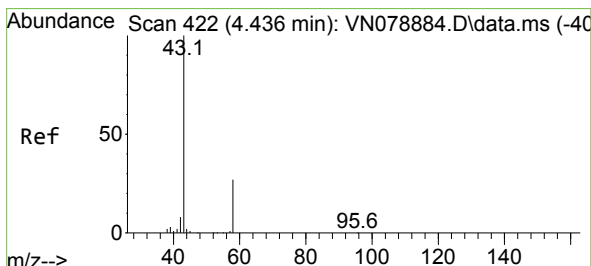
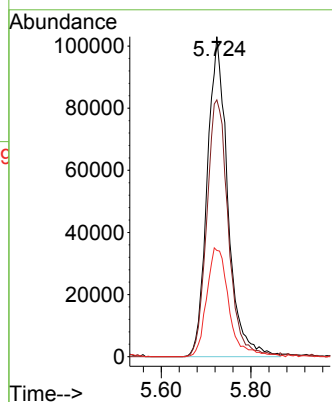
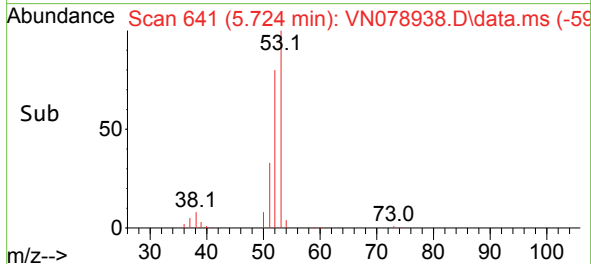


#15
Acrylonitrile
Concen: 258.448 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

Instrument :
MSVOA_N
ClientSampleId :

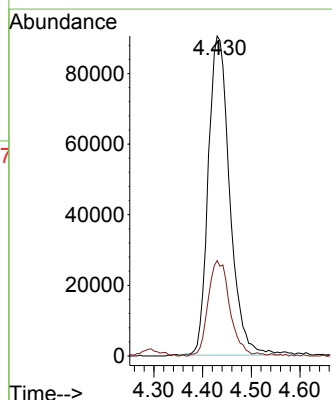
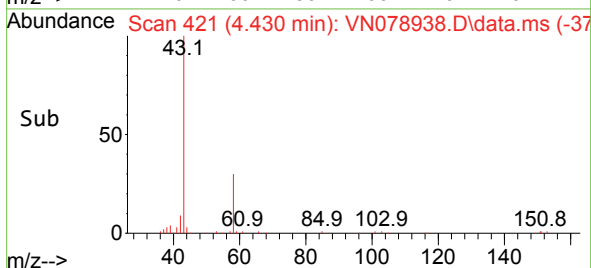
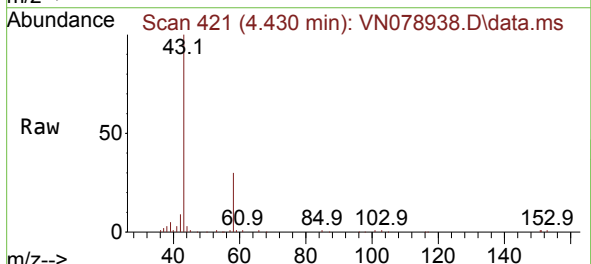


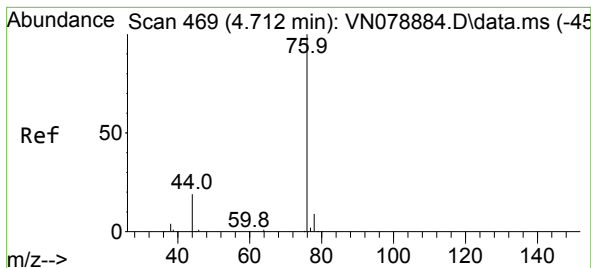
Tgt Ion: 53 Resp: 327707
Ion Ratio Lower Upper
53 100
52 84.0 65.3 97.9
51 36.5 28.9 43.3



#16
Acetone
Concen: 240.227 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.012 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

Tgt Ion: 43 Resp: 276480
Ion Ratio Lower Upper
43 100
58 29.9 28.0 42.0





#17

Carbon Disulfide

Concen: 57.083 ug/l

RT: 4.712 min Scan# 4

Delta R.T. -0.012 min

Lab File: VN078938.D

Acq: 18 Aug 2023 13:12

Instrument :

MSVOA_N

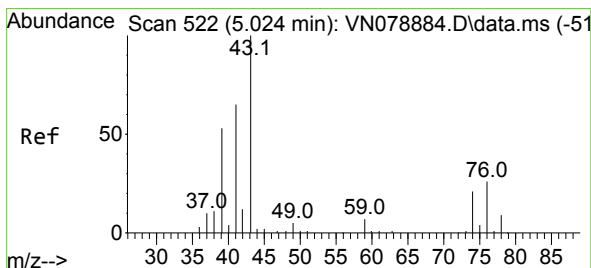
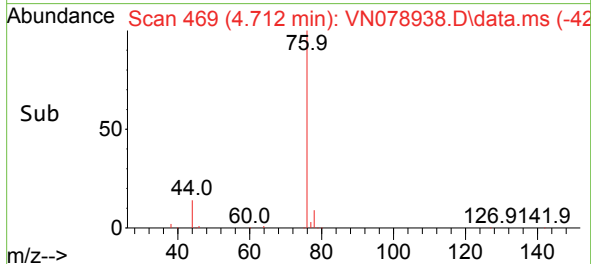
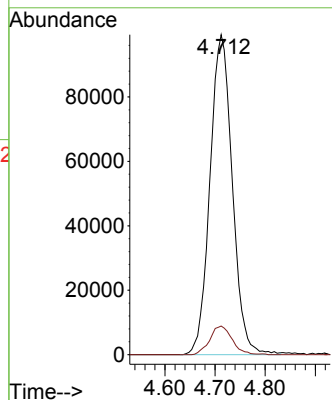
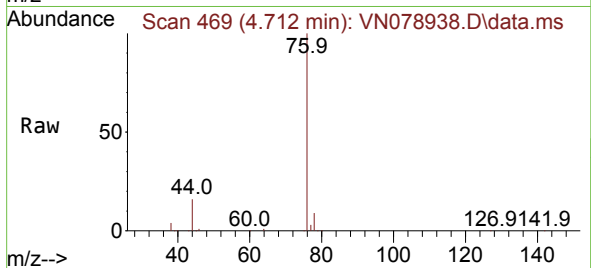
ClientSampleId :

Tgt Ion: 76 Resp: 307497

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0



#18

Methyl Acetate

Concen: 49.052 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.018 min

Lab File: VN078938.D

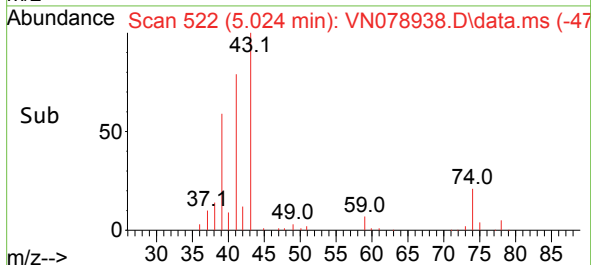
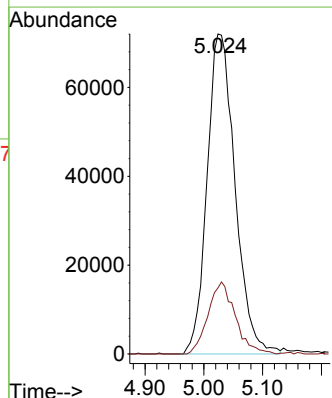
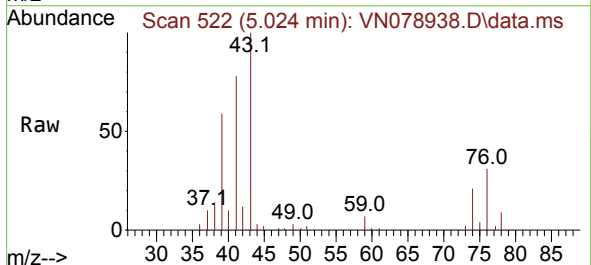
Acq: 18 Aug 2023 13:12

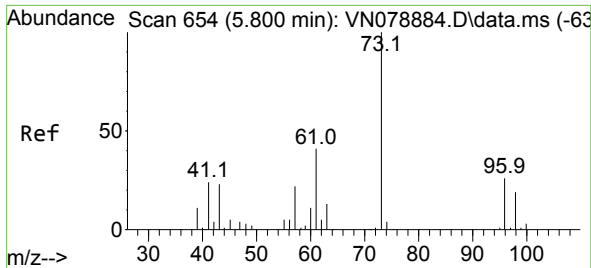
Tgt Ion: 43 Resp: 238490

Ion Ratio Lower Upper

43 100

74 21.9 26.2 39.4#

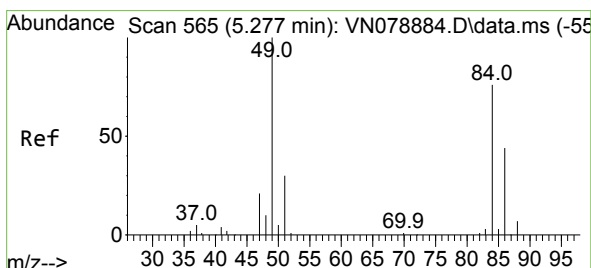
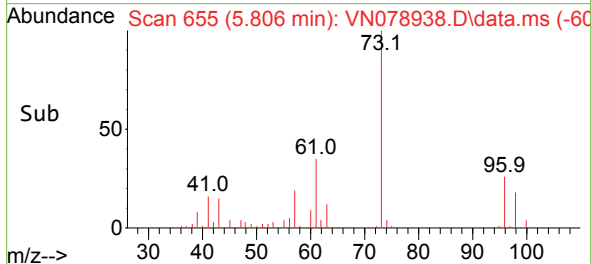
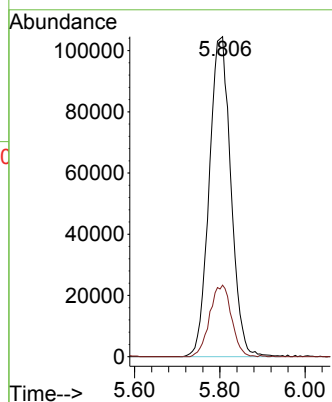
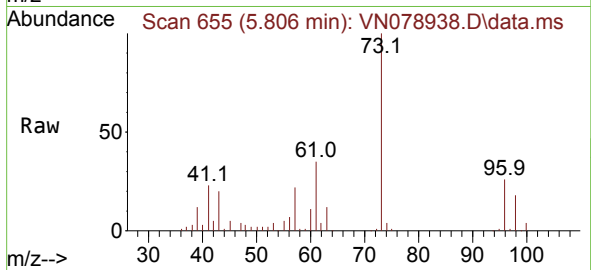




#19
Methyl tert-butyl Ether
Concen: 53.213 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

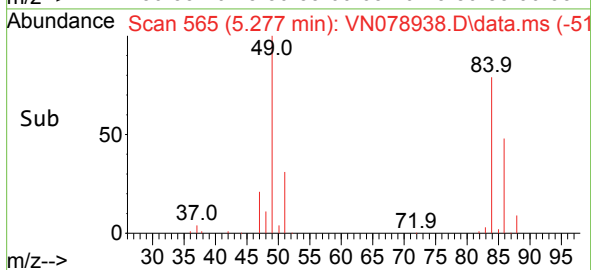
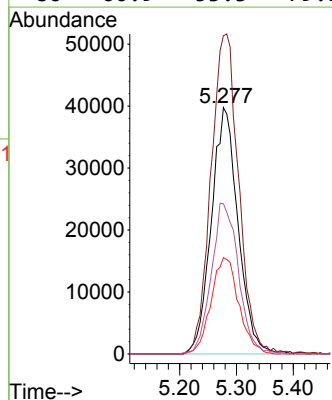
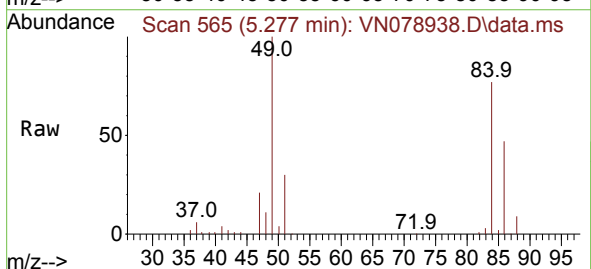
Instrument :
MSVOA_N
ClientSampleId :

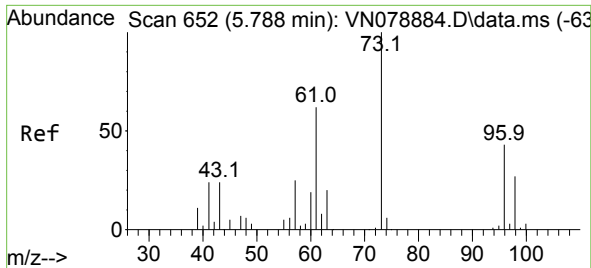
Tgt Ion: 73 Resp: 368880
Ion Ratio Lower Upper
73 100
57 22.4 15.6 23.4



#20
Methylene Chloride
Concen: 52.807 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

Tgt Ion: 84 Resp: 129519
Ion Ratio Lower Upper
84 100
49 129.1 79.7 119.5#
51 39.1 25.2 37.8#
86 60.9 53.3 79.9

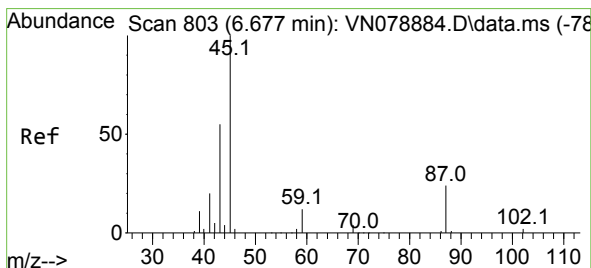
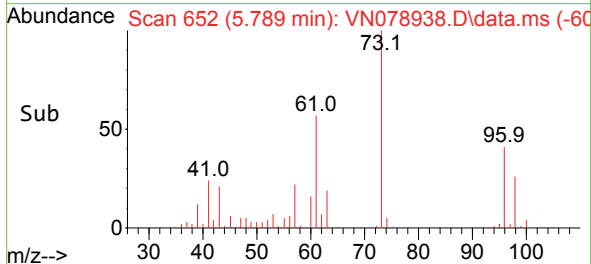
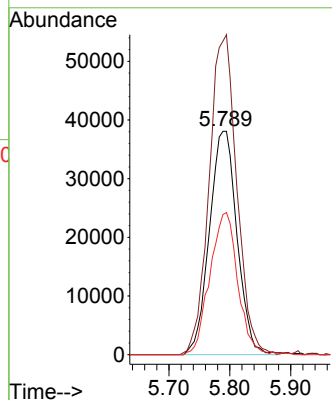
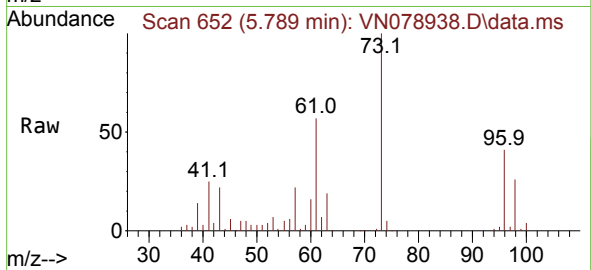




#21
trans-1,2-Dichloroethene
Concen: 55.664 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

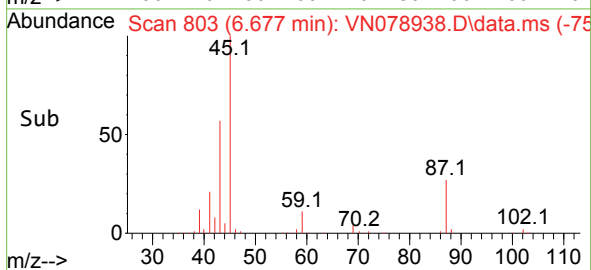
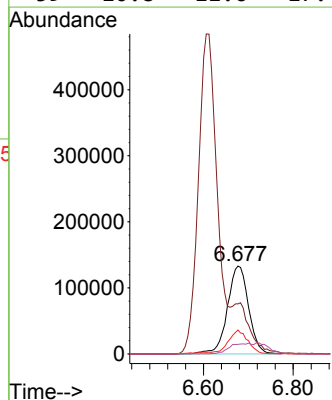
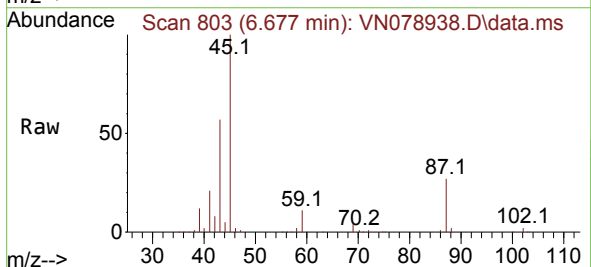
Instrument :
MSVOA_N
ClientSampleId :

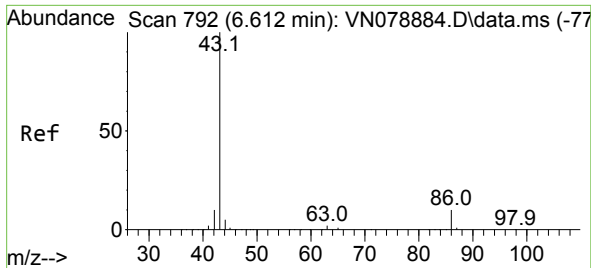
Tgt Ion: 96 Resp: 120120
Ion Ratio Lower Upper
96 100
61 140.3 90.1 135.1#
98 62.8 46.4 69.6



#22
Diisopropyl ether
Concen: 53.859 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

Tgt Ion: 45 Resp: 436405
Ion Ratio Lower Upper
45 100
43 56.1 45.5 68.3
87 27.4 31.8 47.8#
59 10.8 11.6 17.4#

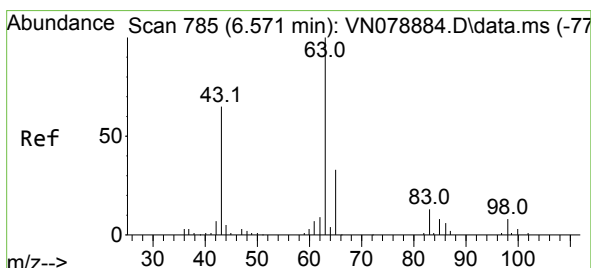
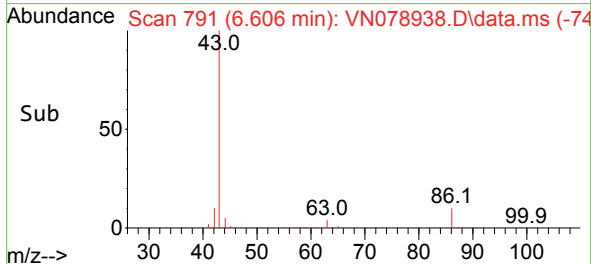
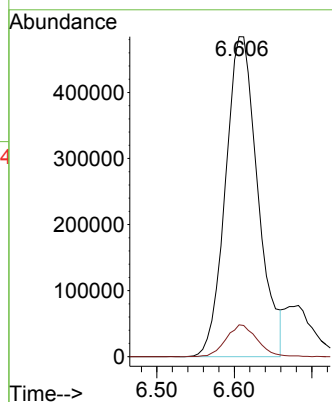
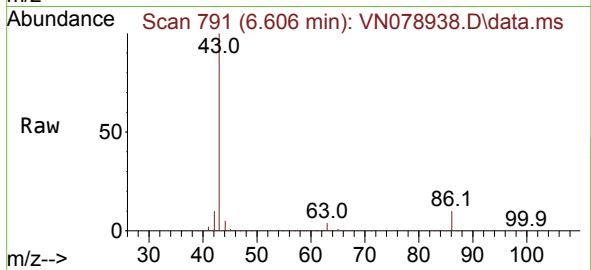




#23
 Vinyl Acetate
 Concen: 263.594 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN078938.D
 Acq: 18 Aug 2023 13:12

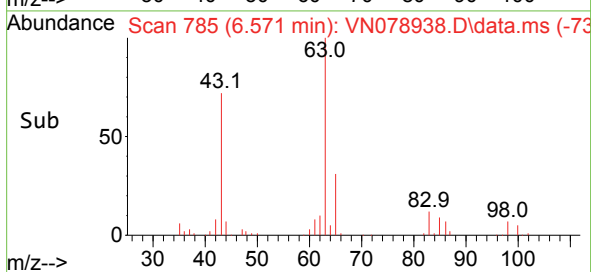
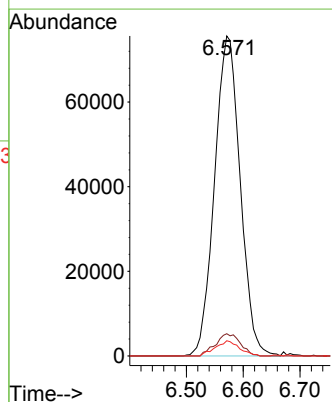
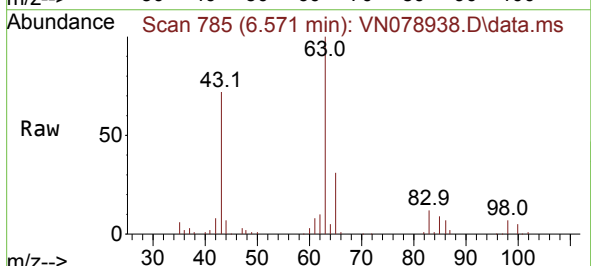
Instrument :
 MSVOA_N
 ClientSampleId :

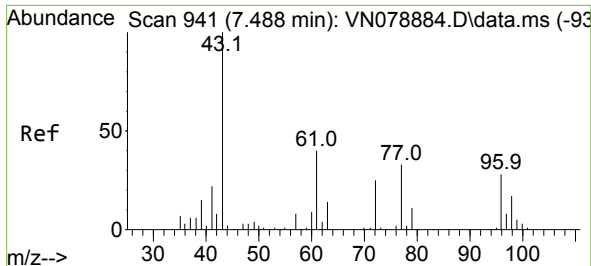
Tgt Ion: 43 Resp: 1406318
 Ion Ratio Lower Upper
 43 100
 86 10.0 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 53.548 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN078938.D
 Acq: 18 Aug 2023 13:12

Tgt Ion: 63 Resp: 237029
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.9 11.7
 100 4.7 2.5 7.4

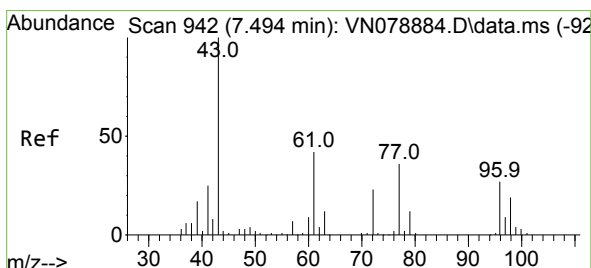
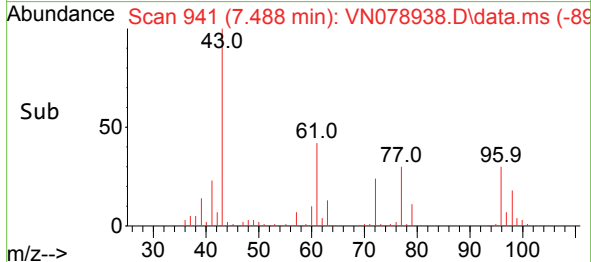
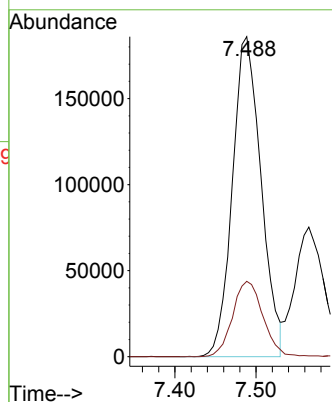
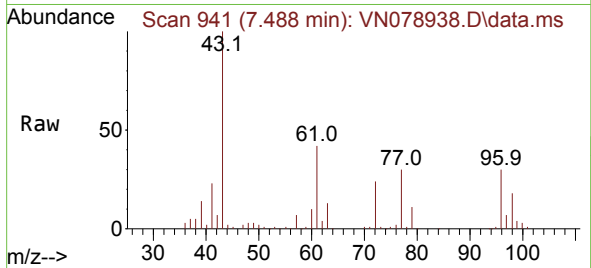




#25
2-Butanone
Concen: 247.725 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

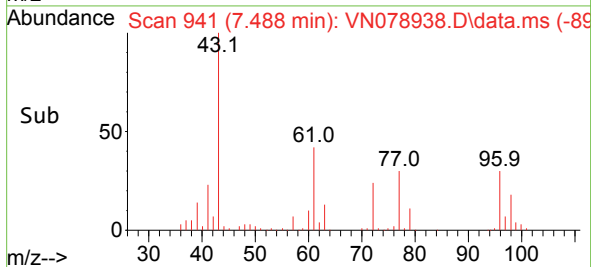
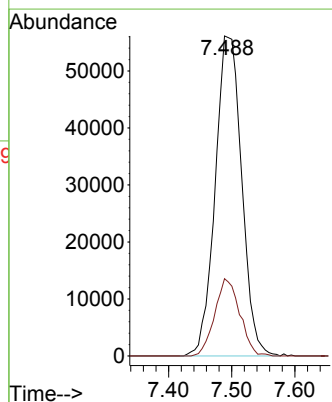
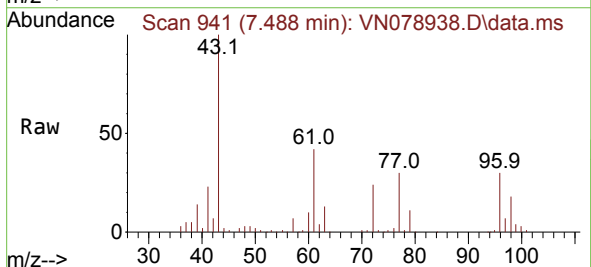
Instrument :
MSVOA_N
ClientSampleId :

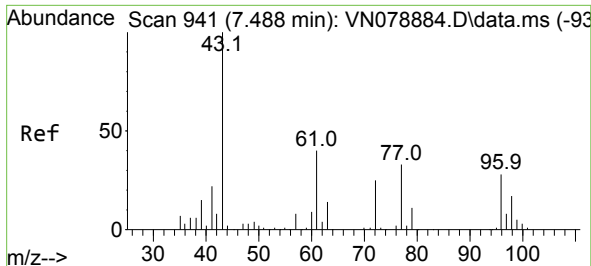
Tgt Ion: 43 Resp: 457109
Ion Ratio Lower Upper
43 100
72 23.6 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 45.698 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.012 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

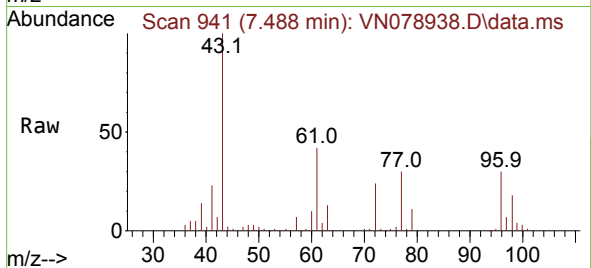
Tgt Ion: 77 Resp: 163507
Ion Ratio Lower Upper
77 100
97 22.8 11.2 33.6



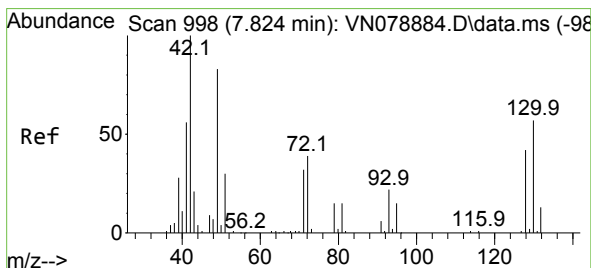
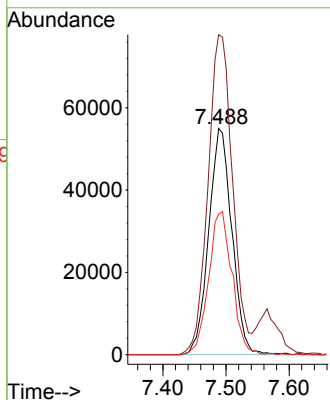
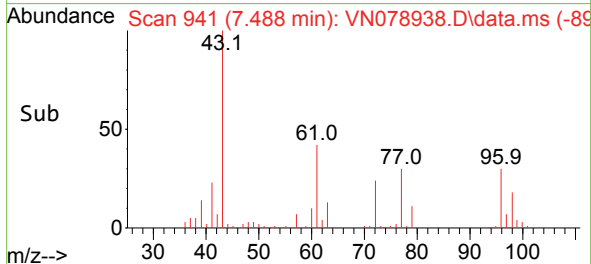


#27
 cis-1,2-Dichloroethene
 Concen: 53.508 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.012 min
 Lab File: VN078938.D
 Acq: 18 Aug 2023 13:12

Instrument :
 MSVOA_N
 ClientSampleId :

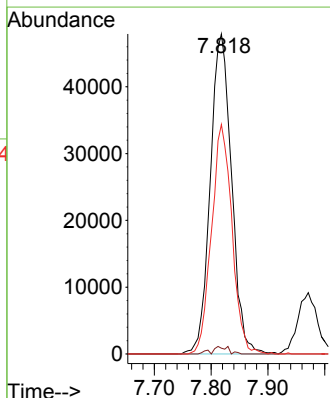
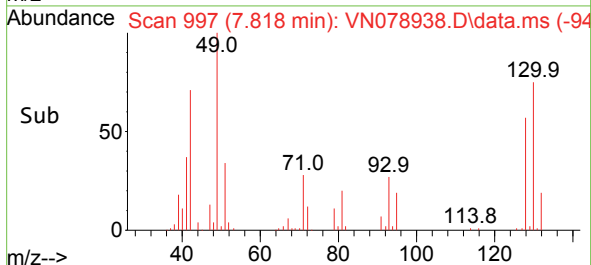
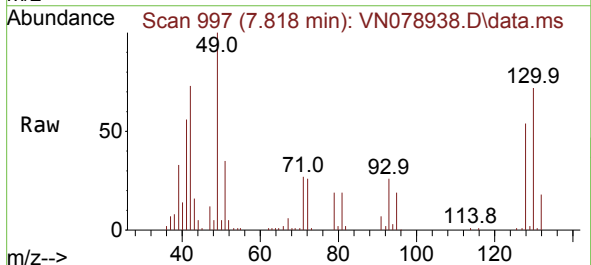


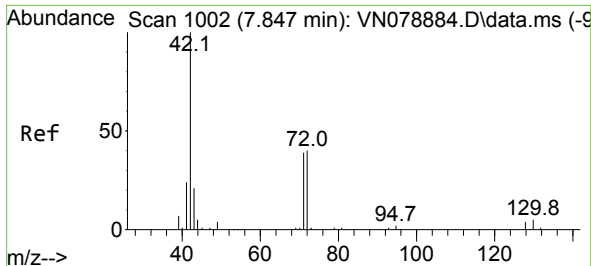
Tgt Ion: 96 Resp: 140345
 Ion Ratio Lower Upper
 96 100
 61 149.9 0.0 255.2
 98 63.7 0.0 128.8



#28
 Bromochloromethane
 Concen: 53.064 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN078938.D
 Acq: 18 Aug 2023 13:12

Tgt Ion: 49 Resp: 124601
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.8
 130 69.0 75.3 112.9#





#29

Tetrahydrofuran

Concen: 258.201 ug/l

RT: 7.841 min Scan# 1002

Delta R.T. -0.006 min

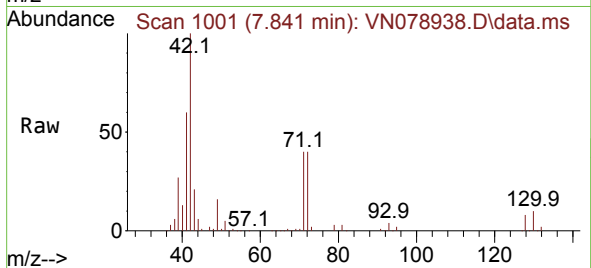
Lab File: VN078938.D

Acq: 18 Aug 2023 13:12

Instrument :

MSVOA_N

ClientSampleId :



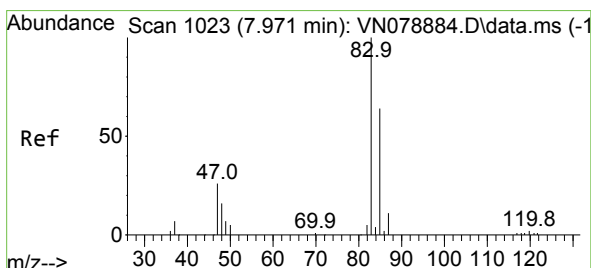
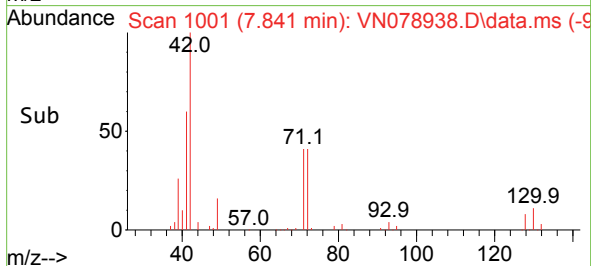
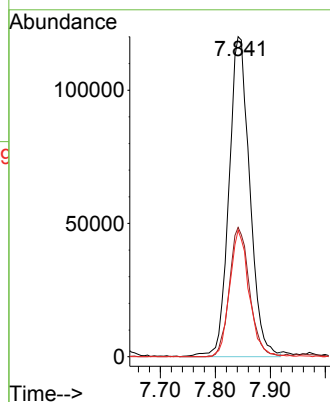
Tgt Ion: 42 Resp: 315353

Ion Ratio Lower Upper

42 100

72 39.3 49.8 74.6#

71 37.0 47.4 71.2#



#30

Chloroform

Concen: 54.684 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN078938.D

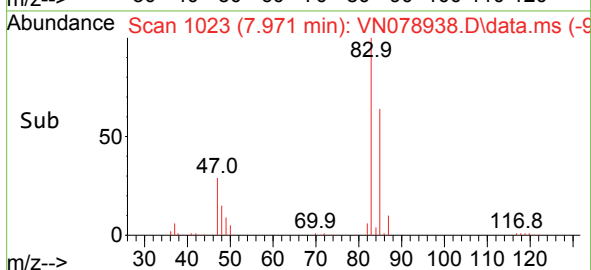
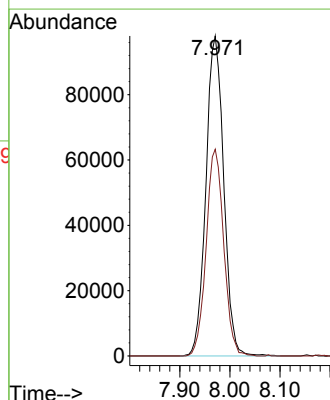
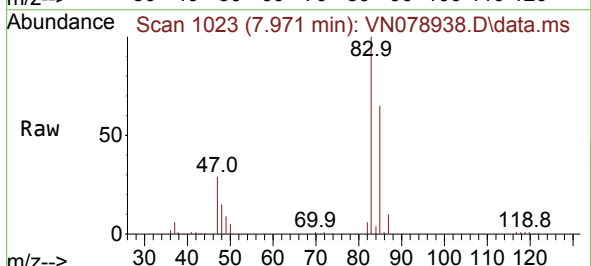
Acq: 18 Aug 2023 13:12

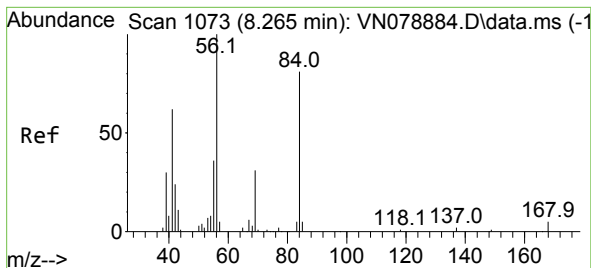
Tgt Ion: 83 Resp: 241828

Ion Ratio Lower Upper

83 100

85 64.6 55.4 83.0





#31

Cyclohexane

Concen: 52.288 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

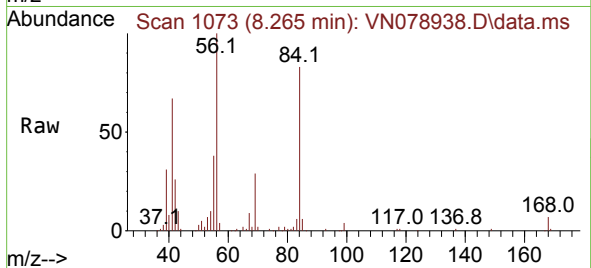
Lab File: VN078938.D

Acq: 18 Aug 2023 13:12

Instrument :

MSVOA_N

ClientSampleId :



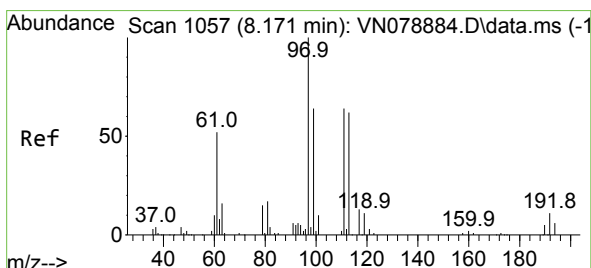
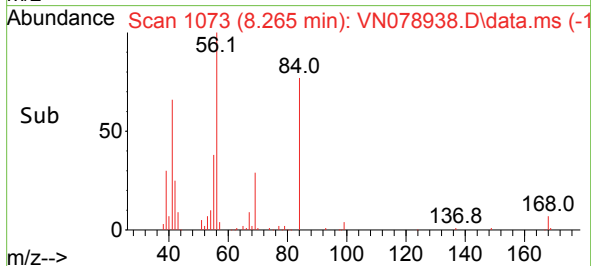
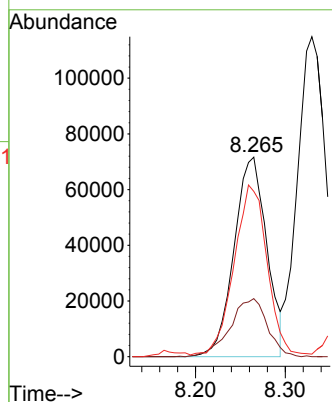
Tgt Ion: 56 Resp: 181466

Ion Ratio Lower Upper

56 100

69 28.9 26.8 40.2

84 81.1 81.8 122.6#



#32

1,1,1-Trichloroethane

Concen: 54.462 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078938.D

Acq: 18 Aug 2023 13:12

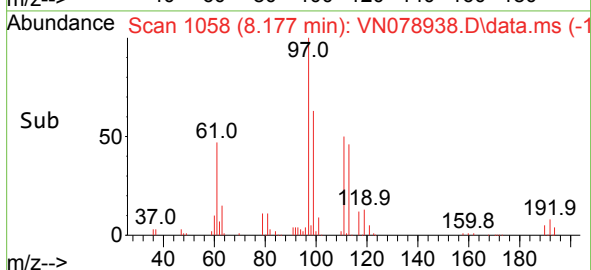
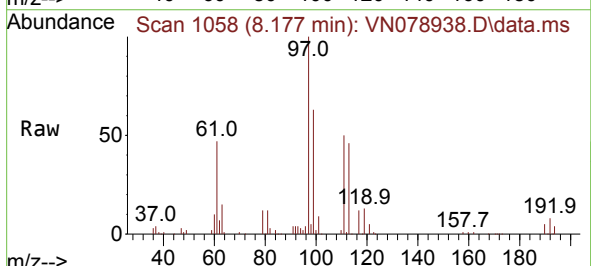
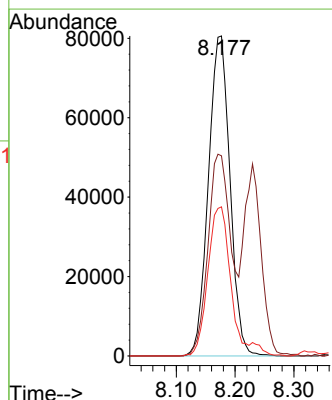
Tgt Ion: 97 Resp: 205362

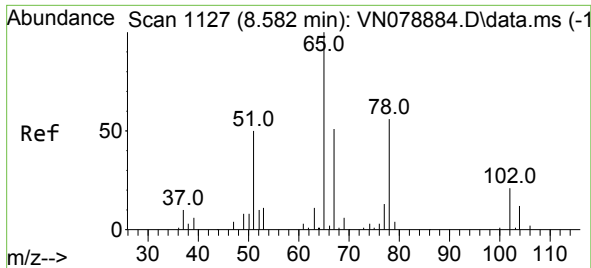
Ion Ratio Lower Upper

97 100

99 67.7 50.3 75.5

61 48.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 45.360 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN078938.D

Acq: 18 Aug 2023 13:12

Instrument :

MSVOA_N

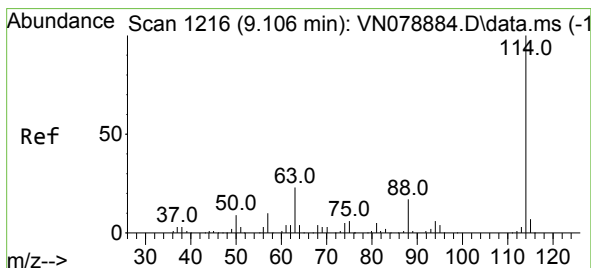
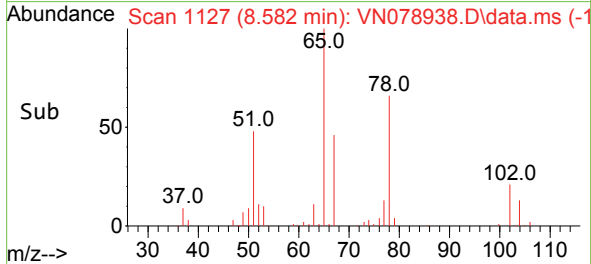
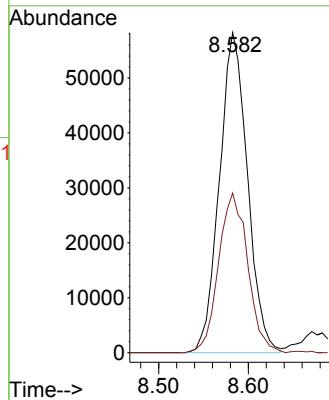
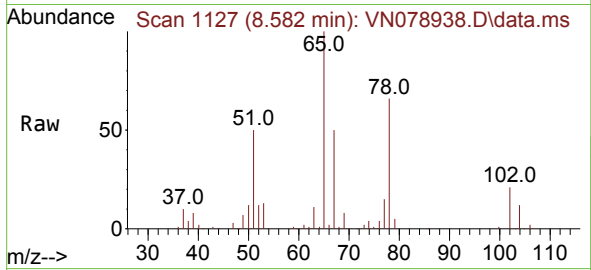
ClientSampleId :

Tgt Ion: 65 Resp: 126523

Ion Ratio Lower Upper

65 100

67 51.8 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN078938.D

Acq: 18 Aug 2023 13:12

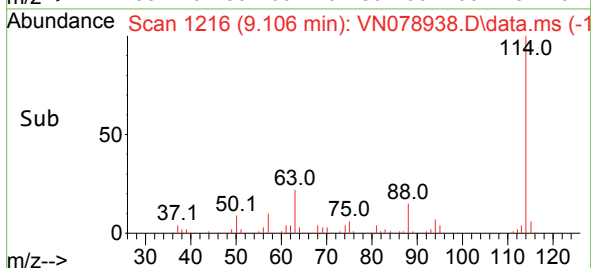
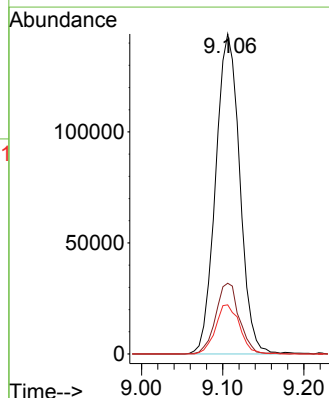
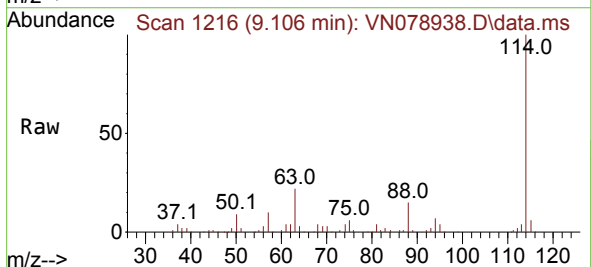
Tgt Ion: 114 Resp: 297766

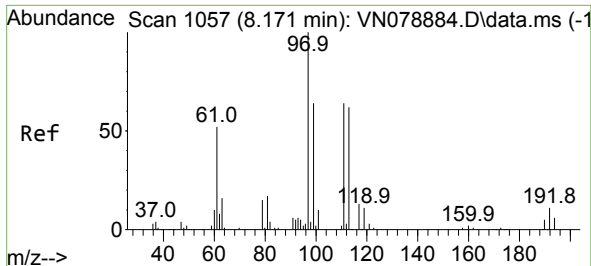
Ion Ratio Lower Upper

114 100

63 22.1 0.0 36.4

88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.827 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN078938.D

Acq: 18 Aug 2023 13:12

Instrument :

MSVOA_N

ClientSampleId :

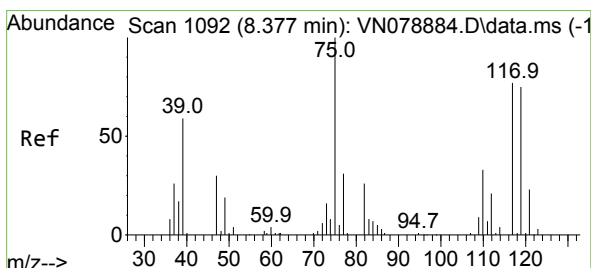
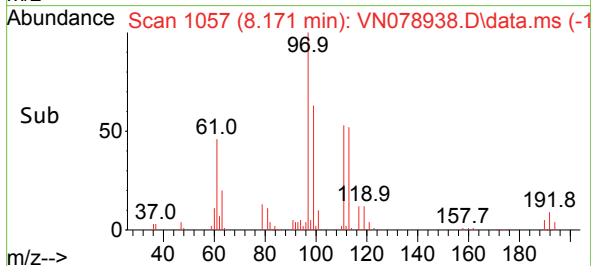
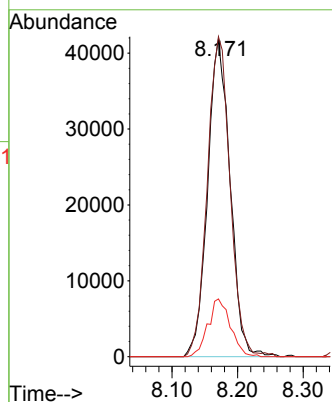
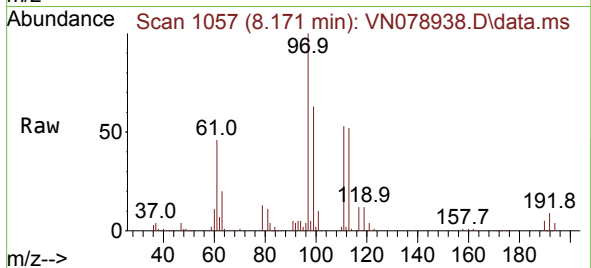
Tgt Ion:113 Resp: 99874

Ion Ratio Lower Upper

113 100

111 102.1 82.6 123.8

192 18.2 12.7 19.1



#36

1,1-Dichloropropene

Concen: 59.185 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VN078938.D

Acq: 18 Aug 2023 13:12

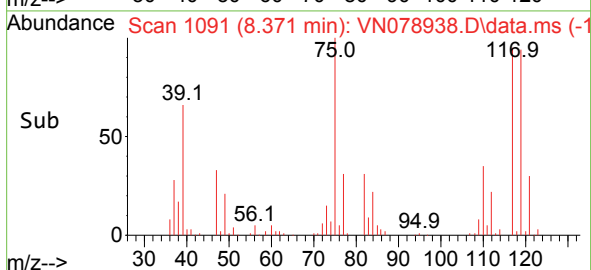
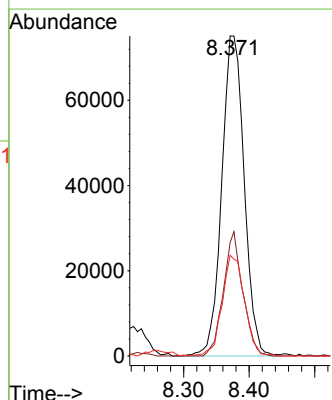
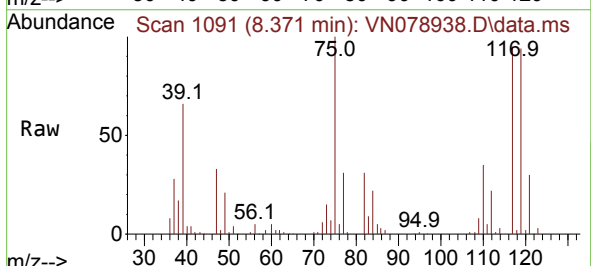
Tgt Ion: 75 Resp: 178451

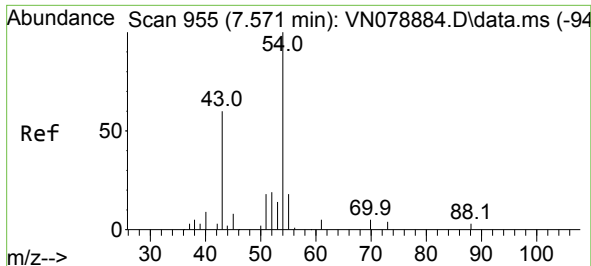
Ion Ratio Lower Upper

75 100

110 33.6 19.1 57.3

77 31.2 25.0 37.4

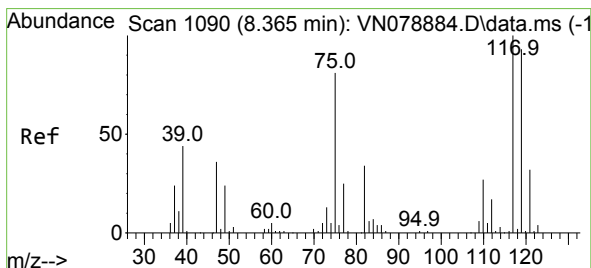
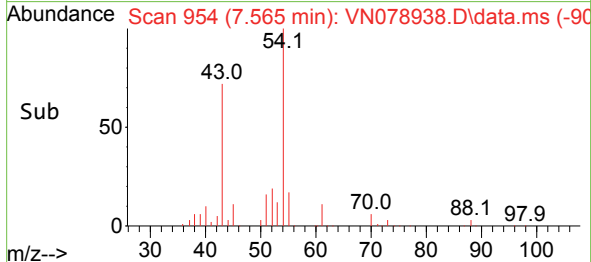
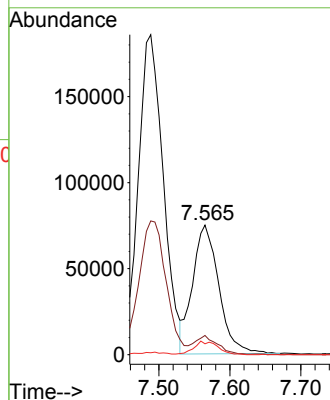
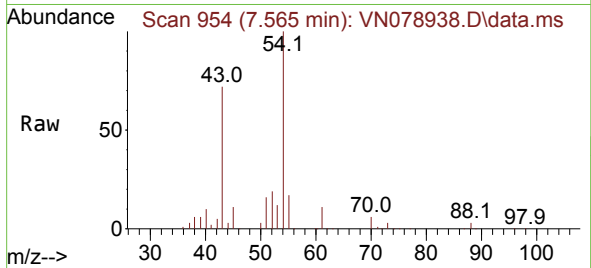




#37
Ethyl Acetate
Concen: 57.130 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

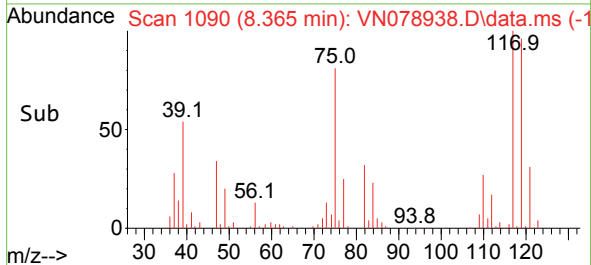
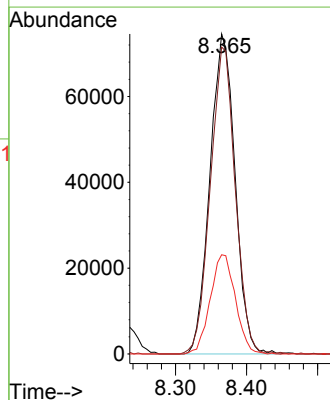
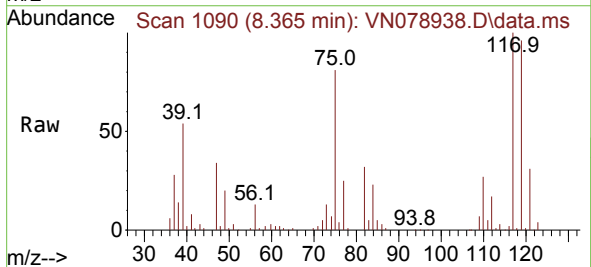
Instrument :
MSVOA_N
ClientSampleId :

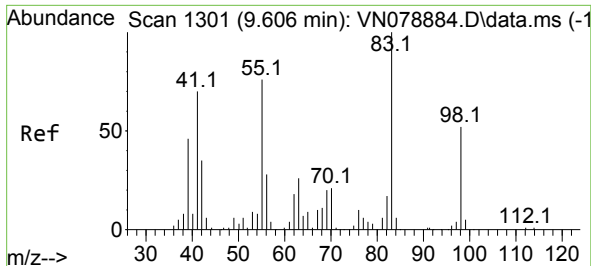
Tgt Ion: 43 Resp: 192727
Ion Ratio Lower Upper
43 100
61 12.2 13.2 19.8#
70 9.4 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 60.523 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

Tgt Ion: 117 Resp: 182846
Ion Ratio Lower Upper
117 100
119 95.9 77.3 115.9
121 31.0 23.3 34.9





#39

Methylcyclohexane

Concen: 53.923 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN078938.D

Acq: 18 Aug 2023 13:12

Instrument :

MSVOA_N

ClientSampleId :

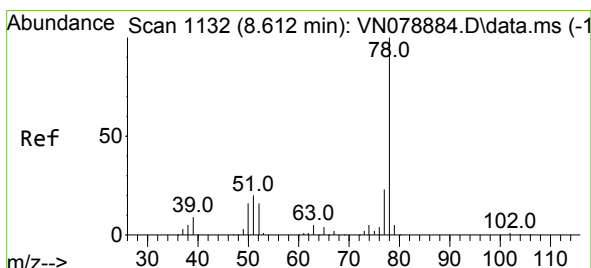
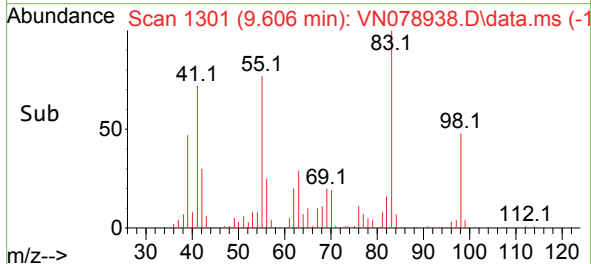
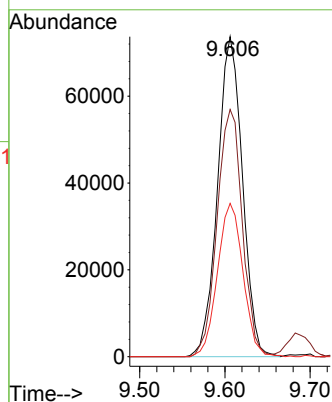
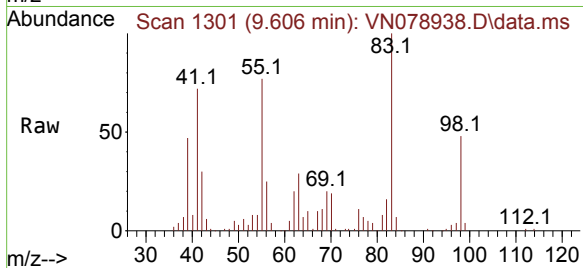
Tgt Ion: 83 Resp: 149529

Ion Ratio Lower Upper

83 100

55 77.3 49.1 73.7#

98 47.9 40.6 61.0



#40

Benzene

Concen: 59.912 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN078938.D

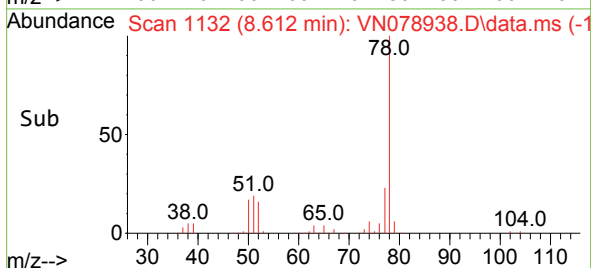
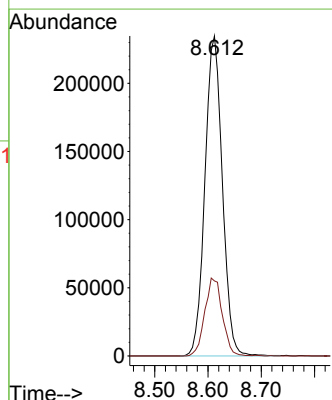
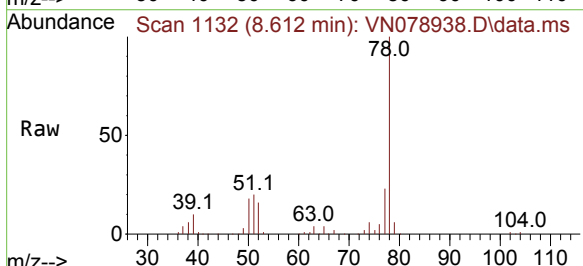
Acq: 18 Aug 2023 13:12

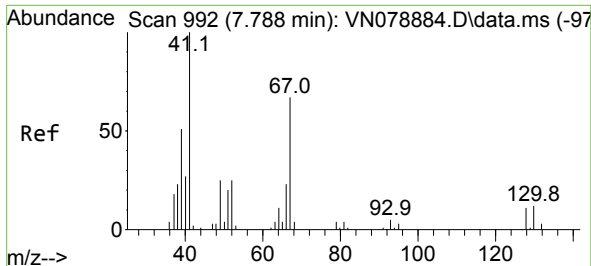
Tgt Ion: 78 Resp: 533938

Ion Ratio Lower Upper

78 100

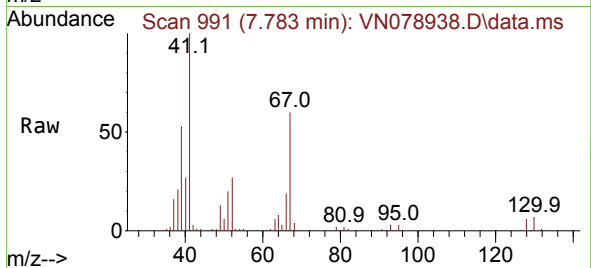
77 23.4 19.0 28.6



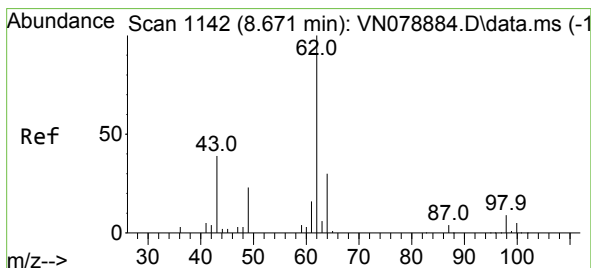
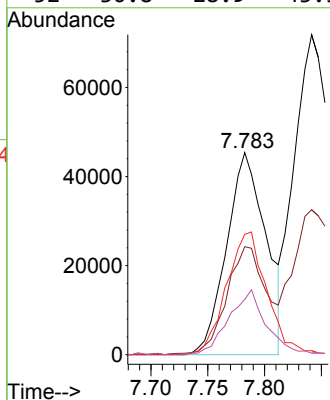
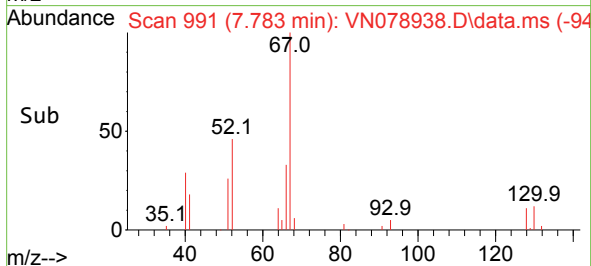


#41
Methacrylonitrile
Concen: 59.447 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.011 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

Instrument :
MSVOA_N
ClientSampleId :

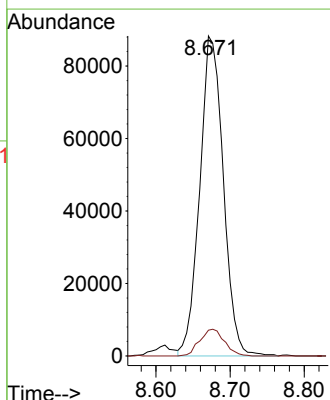
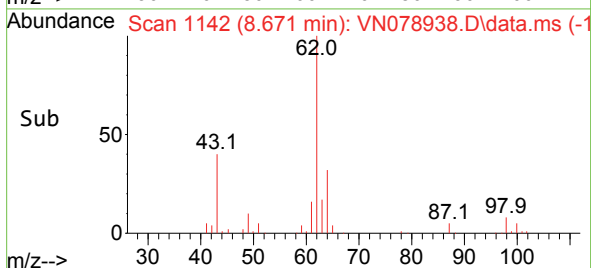
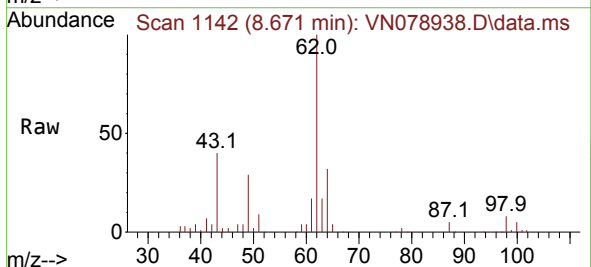


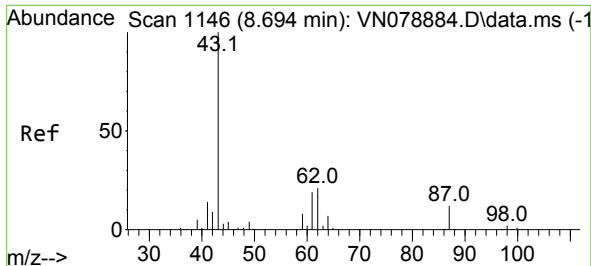
Tgt Ion:	41	Resp:	109223
Ion Ratio	100	Lower	Upper
39	54.7	42.6	64.0
67	62.6	77.5	116.3
52	30.8	28.9	43.3



#42
1,2-Dichloroethane
Concen: 58.738 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

Tgt Ion:	62	Resp:	195569
Ion Ratio	100	Lower	Upper
98	8.7	0.0	19.8

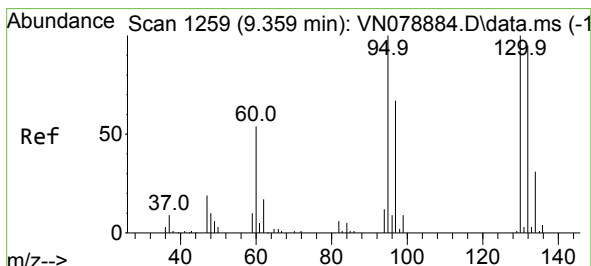
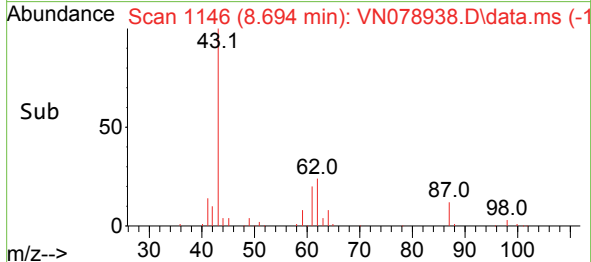
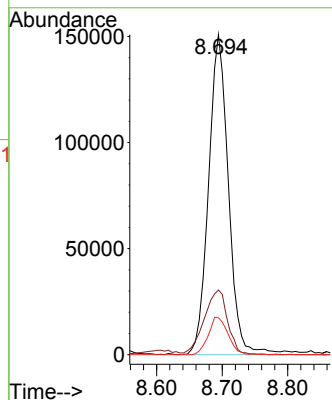
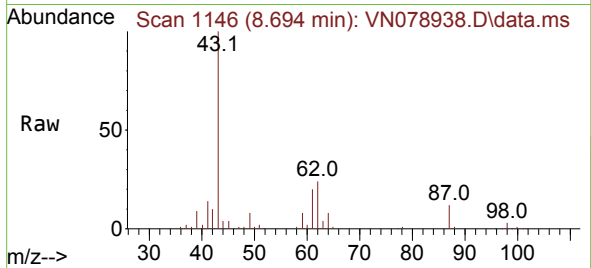




#43
Isopropyl Acetate
Concen: 53.156 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

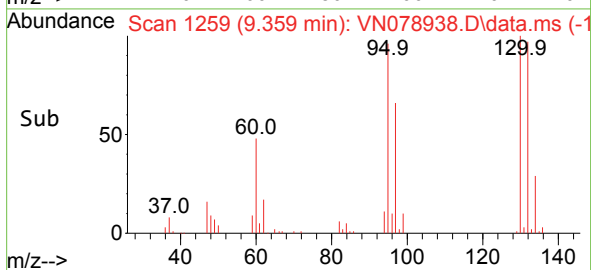
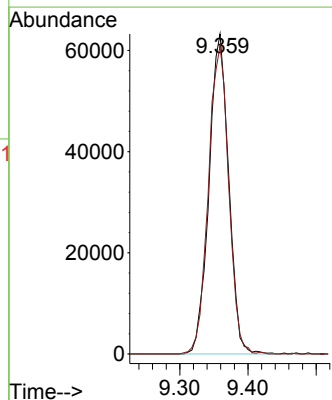
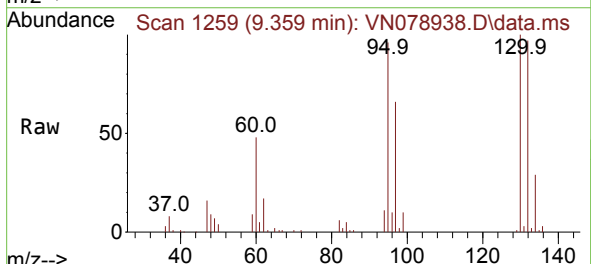
Instrument :
MSVOA_N
ClientSampleId :

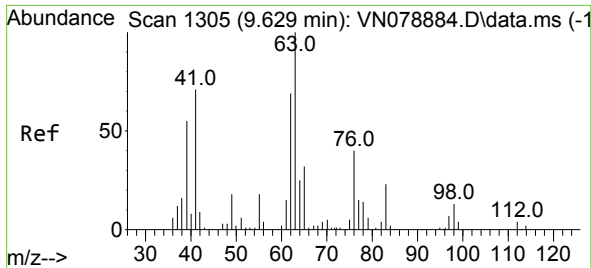
Tgt Ion: 43 Resp: 316953
Ion Ratio Lower Upper
43 100
61 23.9 24.7 37.1#
87 11.5 14.6 21.8#



#44
Trichloroethene
Concen: 60.010 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

Tgt Ion:130 Resp: 127076
Ion Ratio Lower Upper
130 100
95 96.3 0.0 204.6

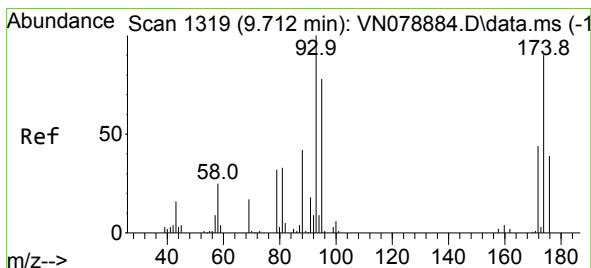
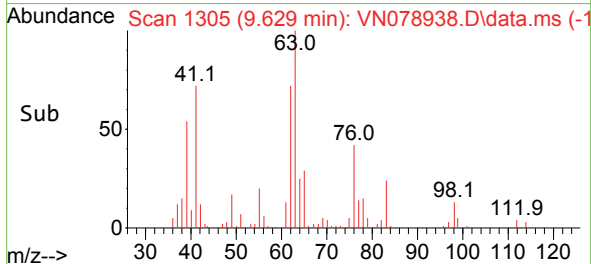
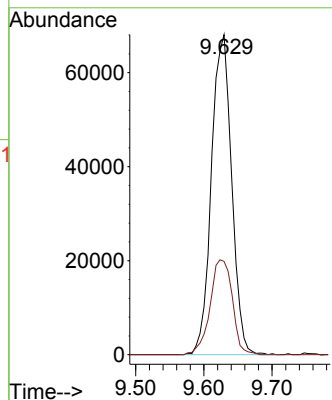
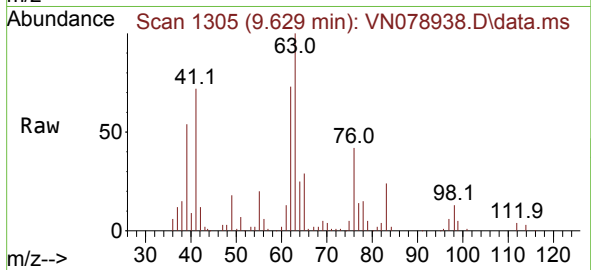




#45
1,2-Dichloropropane
Concen: 59.334 ug/l
RT: 9.629 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

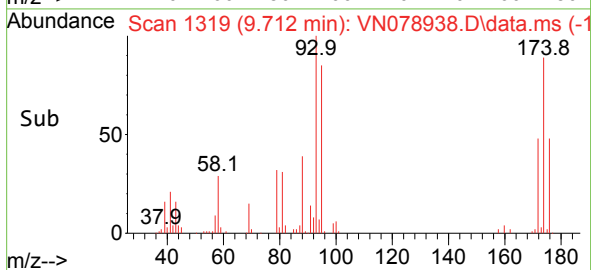
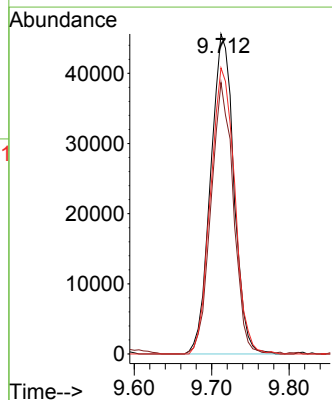
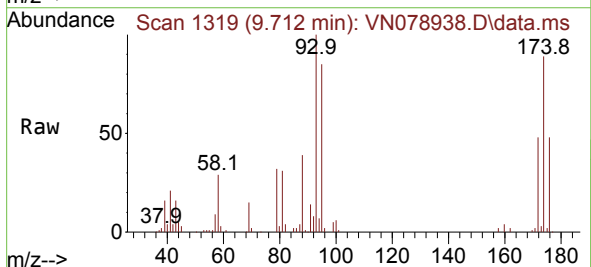
Instrument :
MSVOA_N
ClientSampleId :

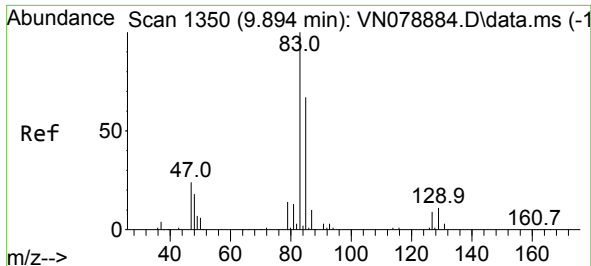
Tgt Ion: 63 Resp: 140787
Ion Ratio Lower Upper
63 100
65 29.1 23.9 35.9



#46
Dibromomethane
Concen: 58.457 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

Tgt Ion: 93 Resp: 95138
Ion Ratio Lower Upper
93 100
95 81.7 63.8 95.8
174 92.7 65.6 98.4

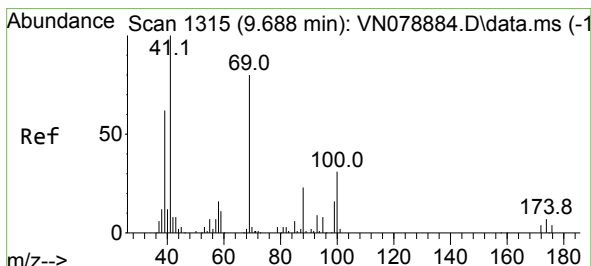
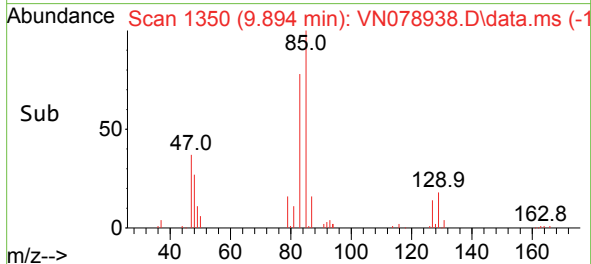
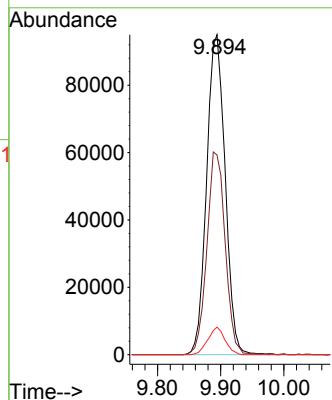
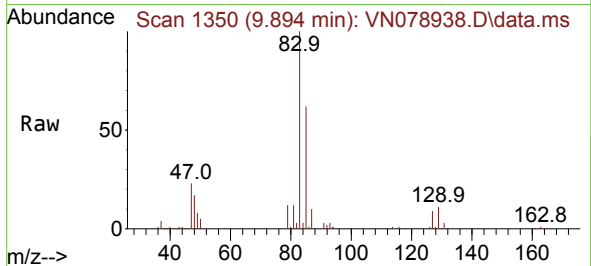




#47
Bromodichloromethane
Concen: 60.111 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

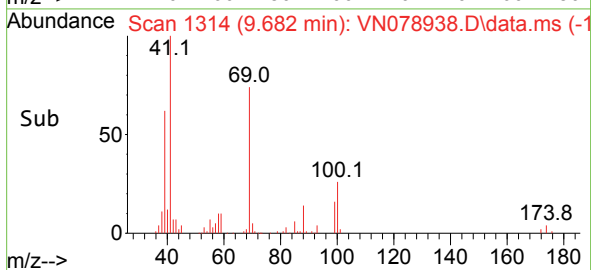
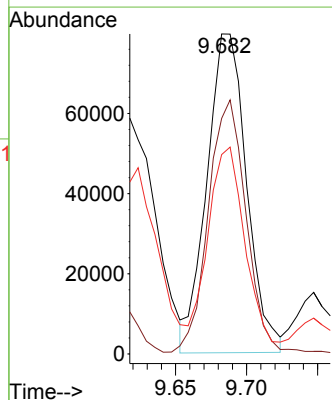
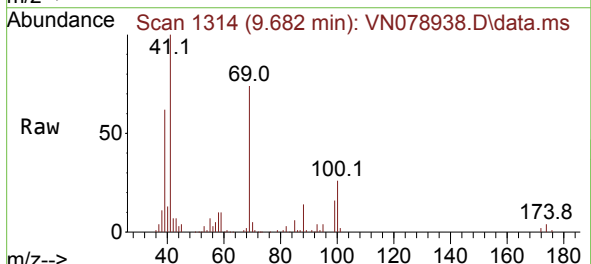
Instrument :
MSVOA_N
ClientSampleId :

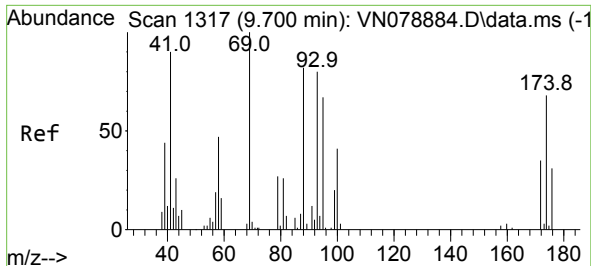
Tgt Ion: 83 Resp: 193178
Ion Ratio Lower Upper
83 100
85 62.4 49.6 74.4
127 8.6 7.0 10.6



#48
Methyl methacrylate
Concen: 57.322 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

Tgt Ion: 41 Resp: 154881
Ion Ratio Lower Upper
41 100
69 76.7 90.4 135.6#
39 61.5 54.6 81.8





#49

1,4-Dioxane

Concen: 1151.586 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN078938.D

Acq: 18 Aug 2023 13:12

Instrument :

MSVOA_N

ClientSampleId :

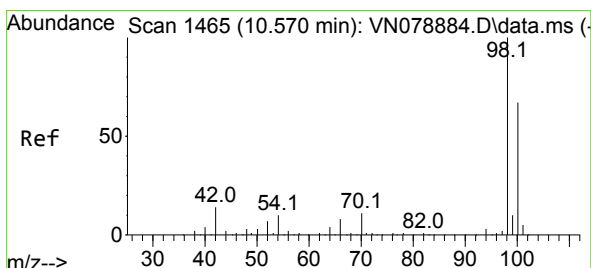
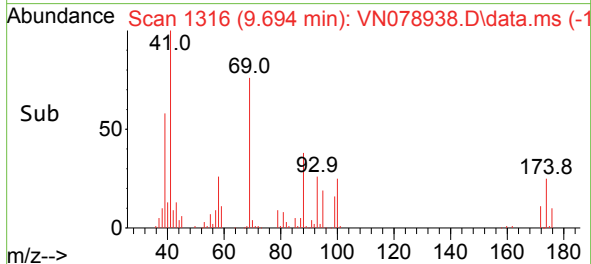
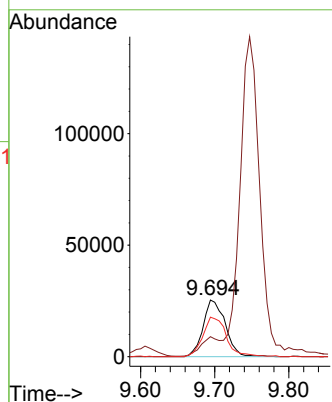
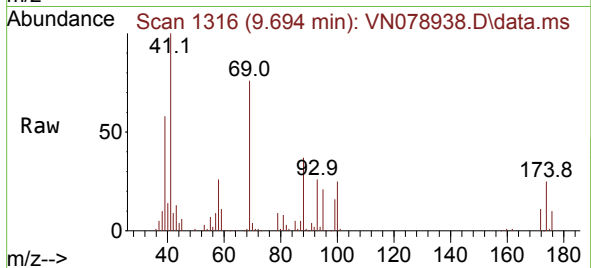
Tgt Ion: 88 Resp: 52999

Ion Ratio Lower Upper

88 100

43 27.5 17.0 25.6#

58 74.1 47.0 70.4#



#50

Toluene-d8

Concen: 49.625 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078938.D

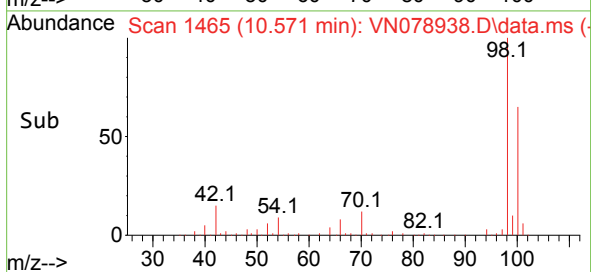
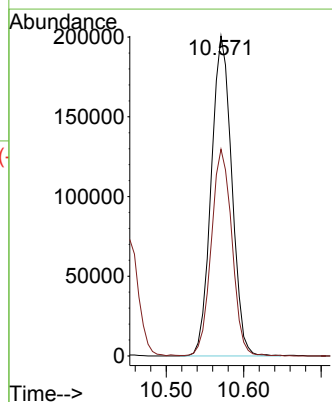
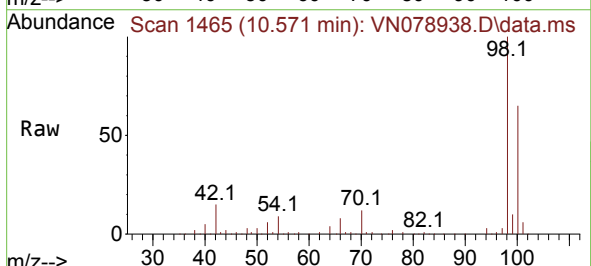
Acq: 18 Aug 2023 13:12

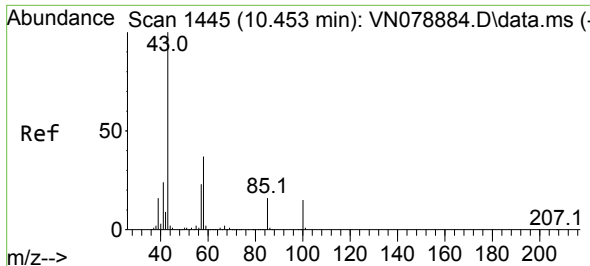
Tgt Ion: 98 Resp: 369332

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

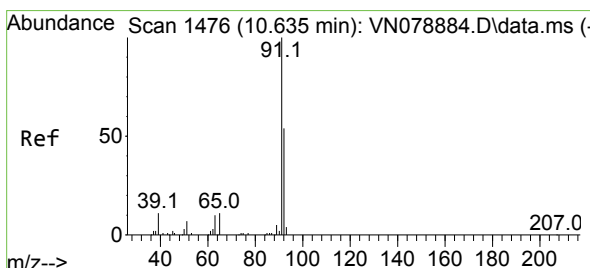
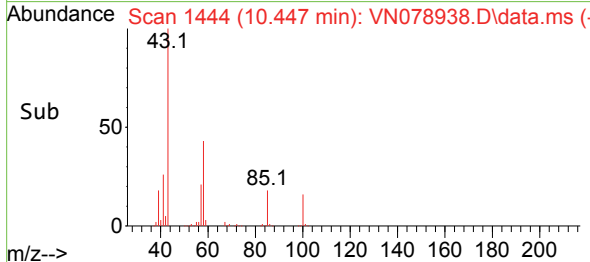
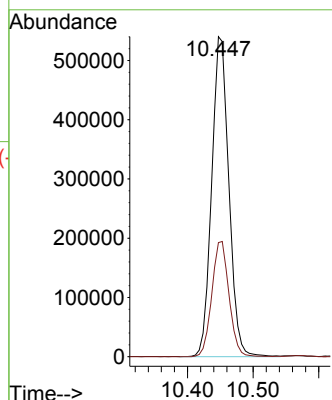
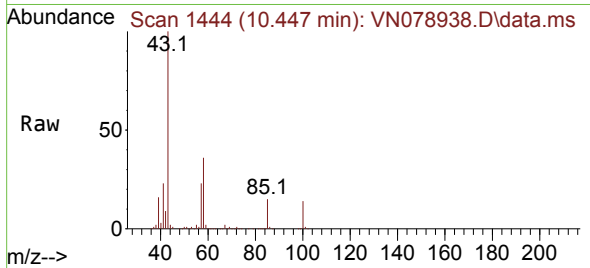




#51
4-Methyl-2-Pentanone
Concen: 277.885 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

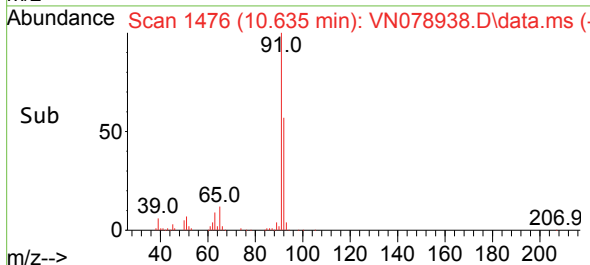
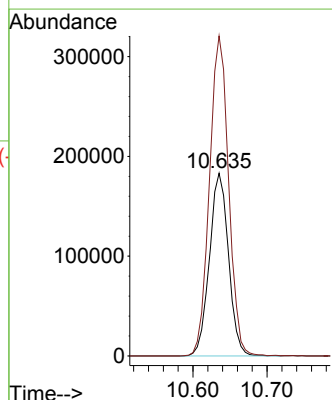
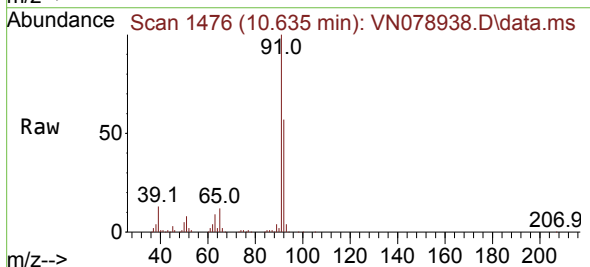
Instrument :
MSVOA_N
ClientSampleId :

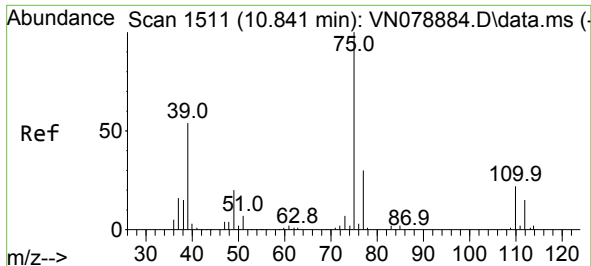
Tgt Ion: 43 Resp: 982732
Ion Ratio Lower Upper
43 100
58 36.1 36.6 54.8#



#52
Toluene
Concen: 59.751 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

Tgt Ion: 92 Resp: 326940
Ion Ratio Lower Upper
92 100
91 175.9 137.4 206.0

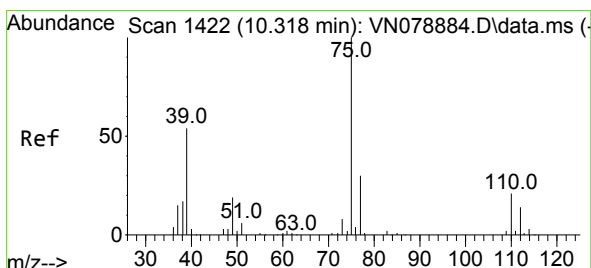
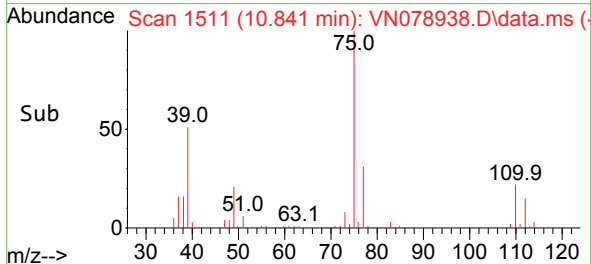
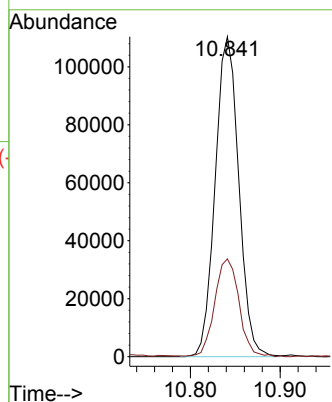
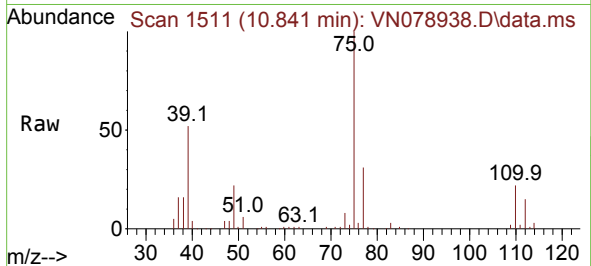




#53
 t-1,3-Dichloropropene
 Concen: 58.320 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078938.D
 Acq: 18 Aug 2023 13:12

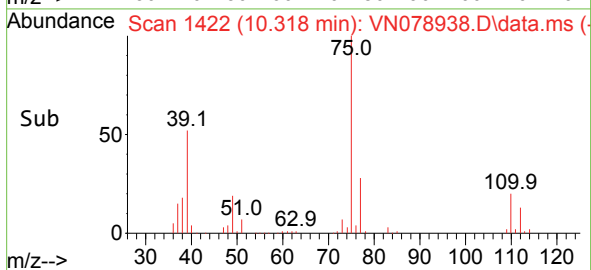
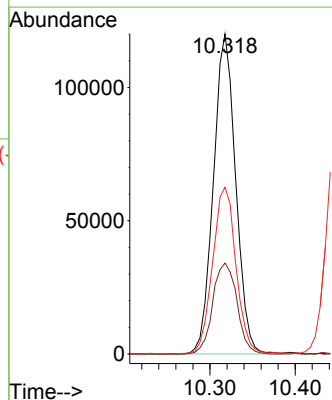
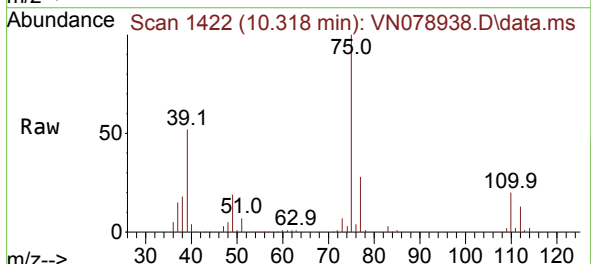
Instrument :
 MSVOA_N
 ClientSampleId :

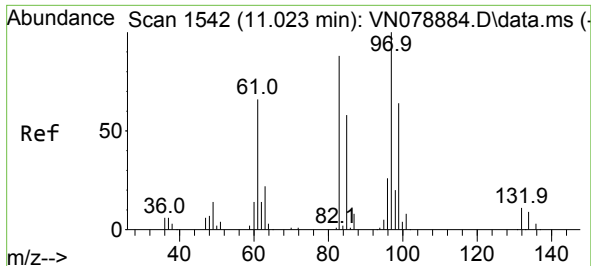
Tgt Ion: 75 Resp: 200992
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 58.094 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078938.D
 Acq: 18 Aug 2023 13:12

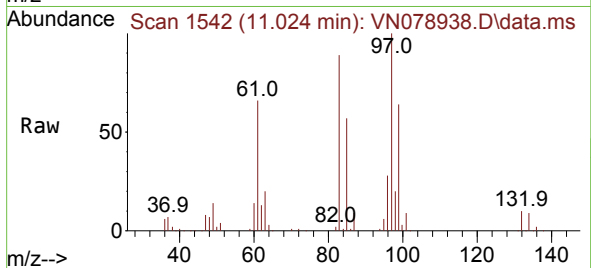
Tgt Ion: 75 Resp: 218052
 Ion Ratio Lower Upper
 75 100
 77 28.4 26.1 39.1
 39 51.9 31.6 47.4#





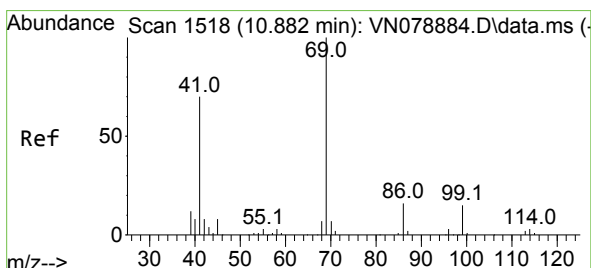
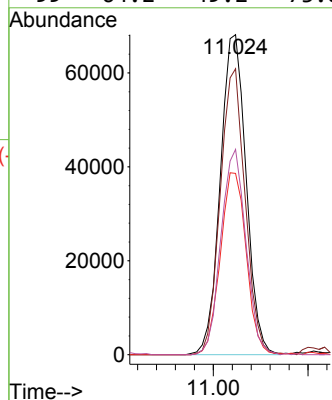
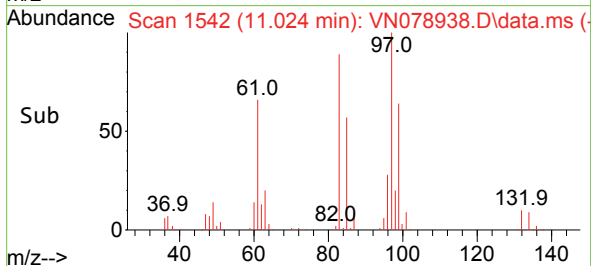
#55
1,1,2-Trichloroethane
Concen: 58.884 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

Instrument :
MSVOA_N
ClientSampleId :

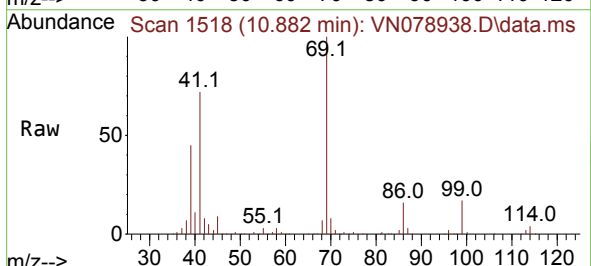


Tgt Ion: 97 Resp: 129188

Ion	Ratio	Lower	Upper
97	100		
83	89.3	65.1	97.7
85	56.6	43.4	65.2
99	64.2	49.2	73.8

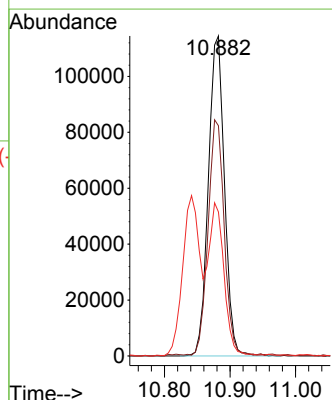
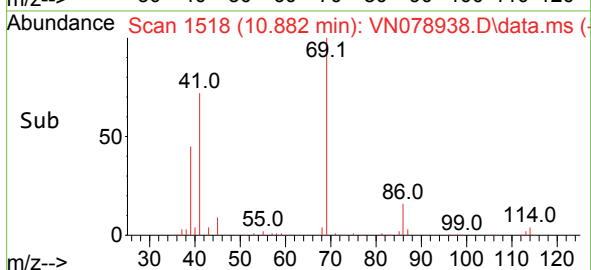


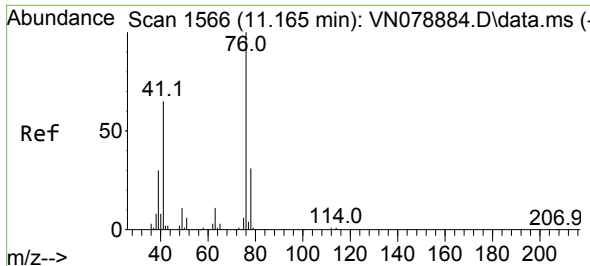
#56
Ethyl methacrylate
Concen: 57.491 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.005 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12



Tgt Ion: 69 Resp: 195521

Ion	Ratio	Lower	Upper
69	100		
41	73.6	39.6	59.4#
39	45.7	28.6	43.0#





#57

1,3-Dichloropropane

Concen: 57.491 ug/l

RT: 11.171 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078938.D

Acq: 18 Aug 2023 13:12

Instrument :

MSVOA_N

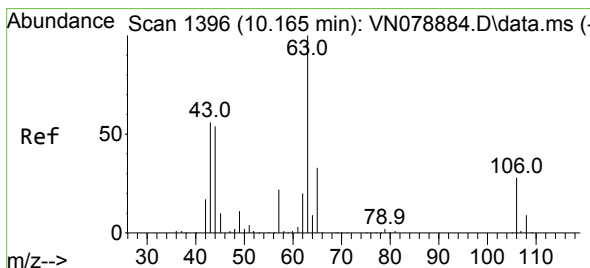
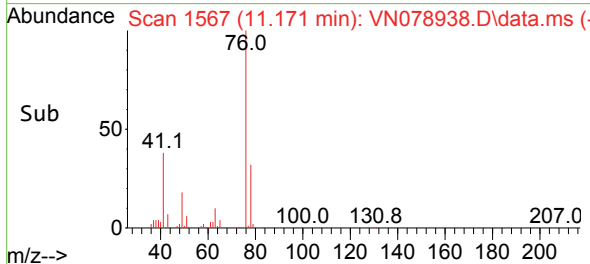
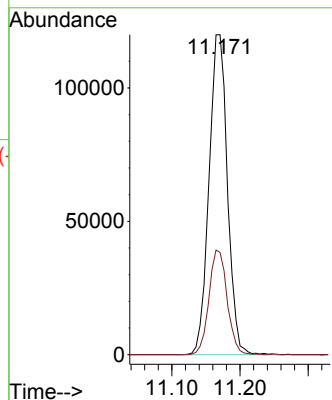
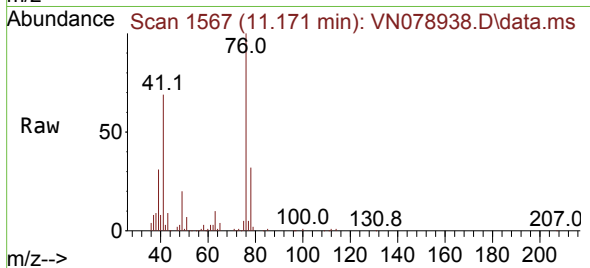
ClientSampleId :

Tgt Ion: 76 Resp: 225604

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 266.487 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078938.D

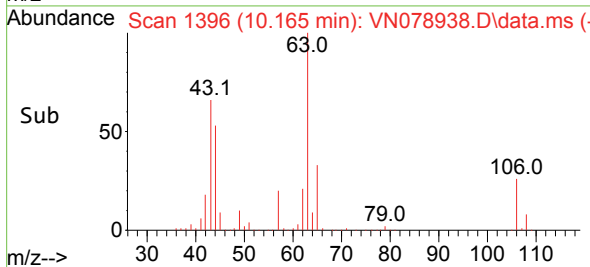
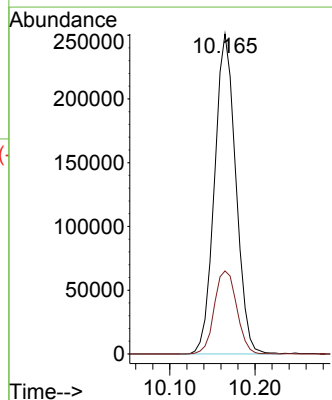
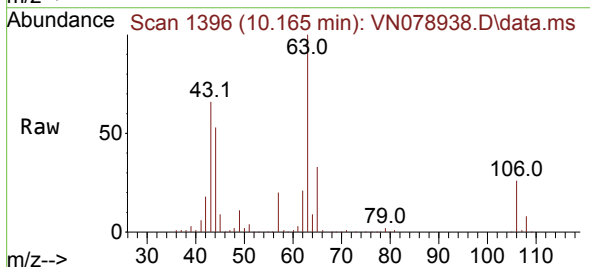
Acq: 18 Aug 2023 13:12

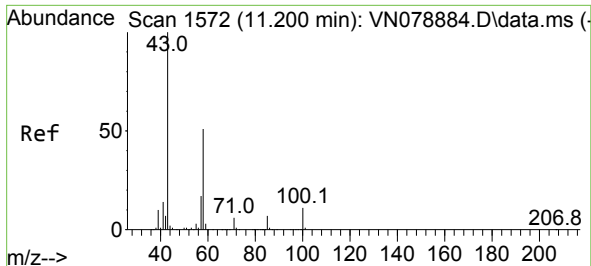
Tgt Ion: 63 Resp: 435044

Ion Ratio Lower Upper

63 100

106 27.3 26.2 39.4

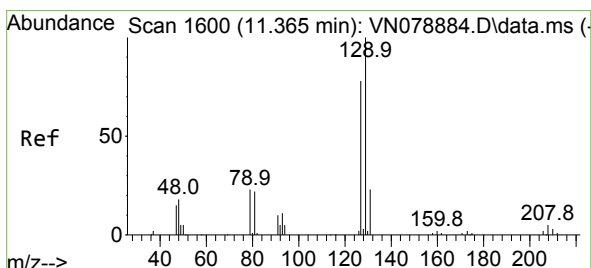
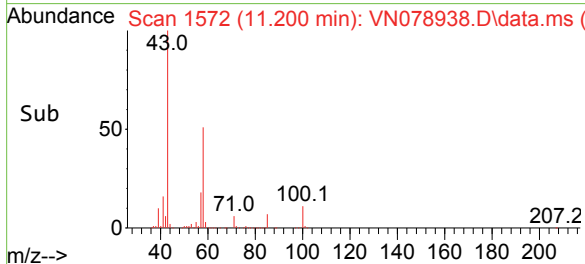
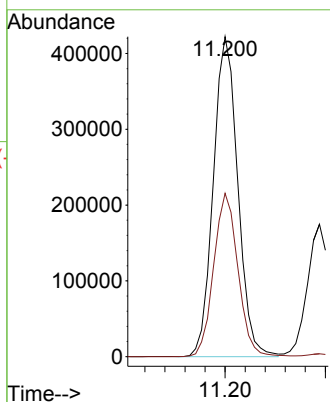
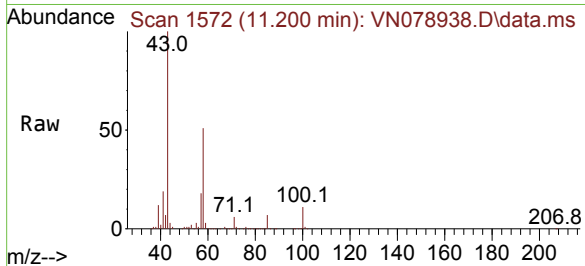




#59
2-Hexanone
Concen: 279.458 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

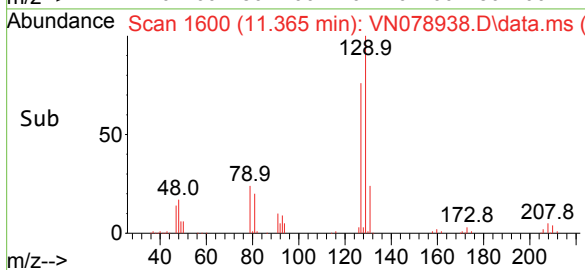
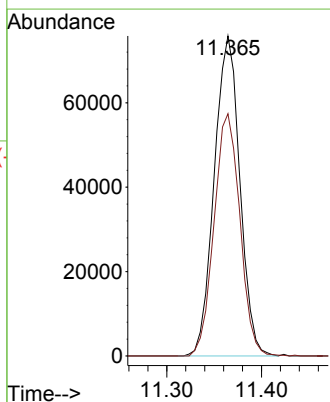
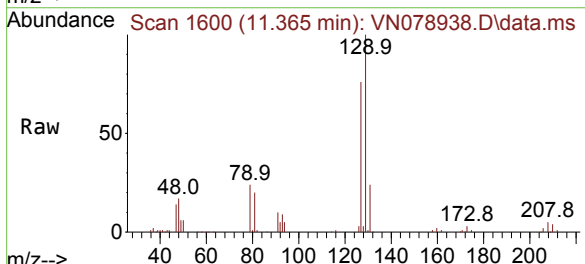
Instrument :
MSVOA_N
ClientSampleId :

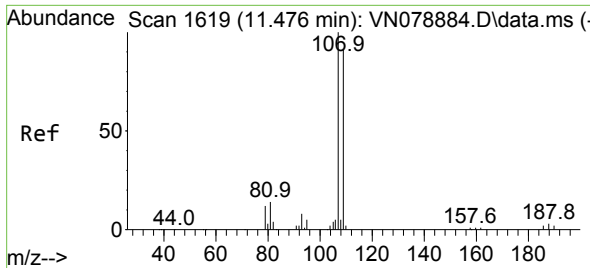
Tgt Ion: 43 Resp: 715820
Ion Ratio Lower Upper
43 100
58 50.7 31.7 95.1



#60
Dibromochloromethane
Concen: 61.708 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

Tgt Ion:129 Resp: 142465
Ion Ratio Lower Upper
129 100
127 76.4 38.6 116.0

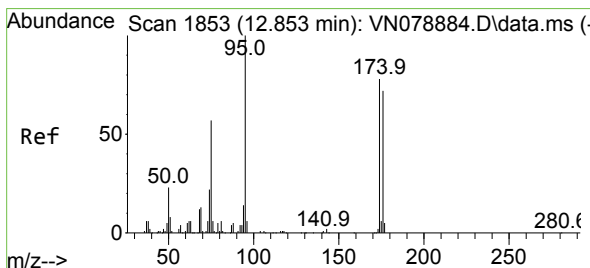
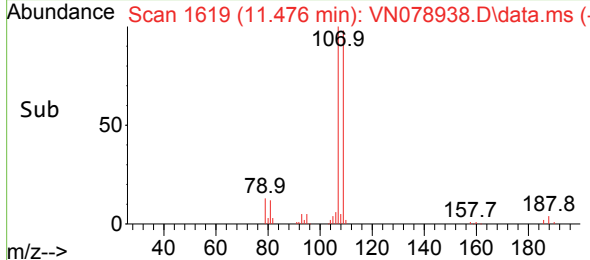
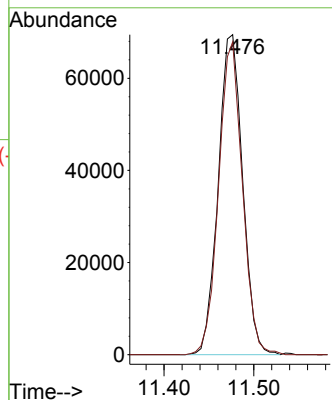
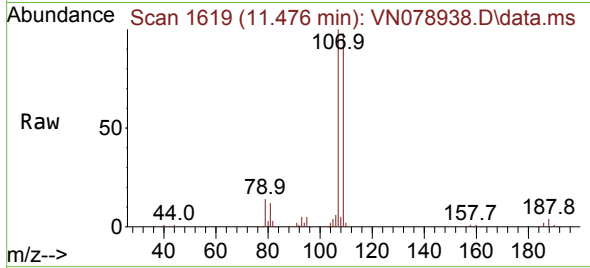




#61
1,2-Dibromoethane
Concen: 58.787 ug/l
RT: 11.476 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

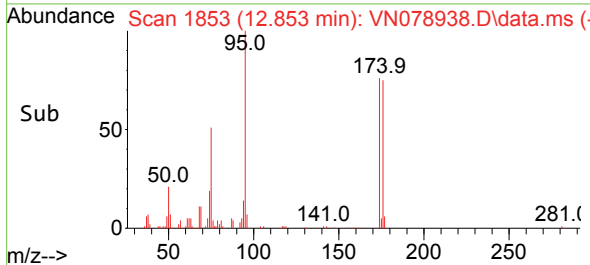
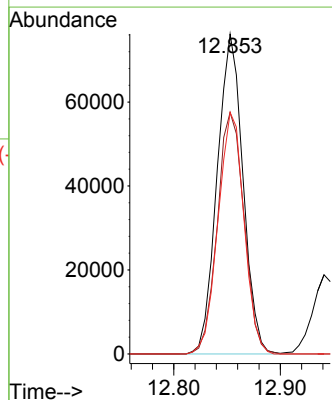
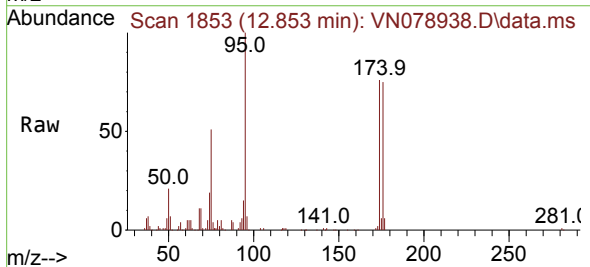
Instrument :
MSVOA_N
ClientSampleId :

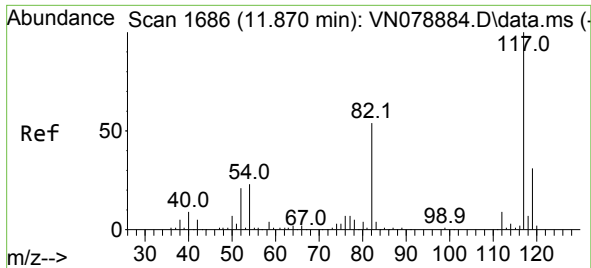
Tgt Ion:107 Resp: 131066
Ion Ratio Lower Upper
107 100
109 95.2 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 52.611 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

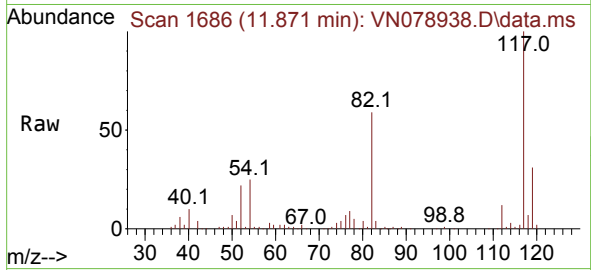
Tgt Ion: 95 Resp: 127986
Ion Ratio Lower Upper
95 100
174 78.1 0.0 143.8
176 75.9 0.0 135.8



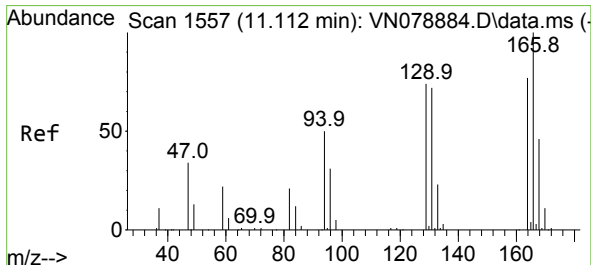
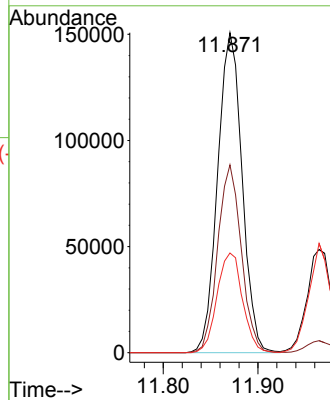
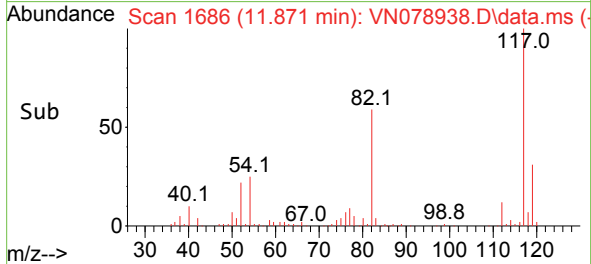


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

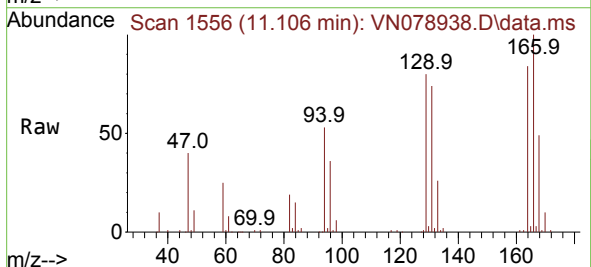
Instrument :
MSVOA_N
ClientSampleId :



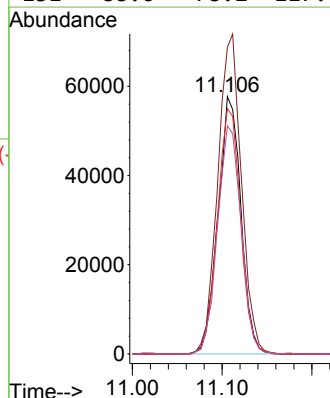
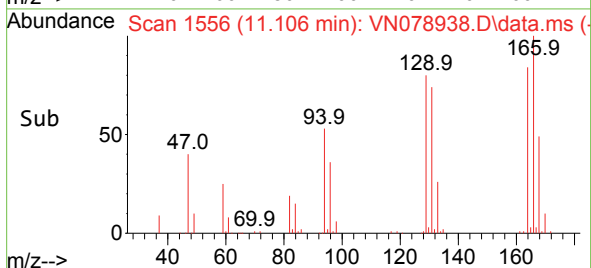
Tgt Ion:117 Resp: 270778
Ion Ratio Lower Upper
117 100
82 58.7 44.0 66.0
119 31.1 25.6 38.4

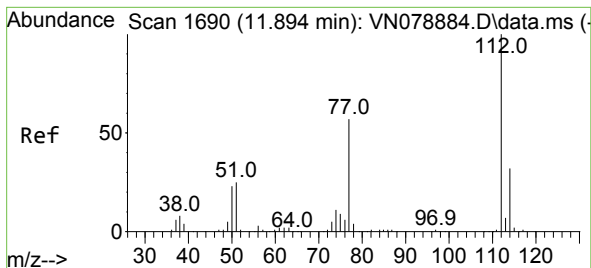


#64
Tetrachloroethene
Concen: 60.344 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12



Tgt Ion:164 Resp: 102470
Ion Ratio Lower Upper
164 100
166 119.1 101.4 152.0
129 95.3 82.4 123.6
131 88.6 78.2 117.4





#65

Chlorobenzene

Concen: 59.233 ug/l

RT: 11.894 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078938.D

Acq: 18 Aug 2023 13:12

Instrument :

MSVOA_N

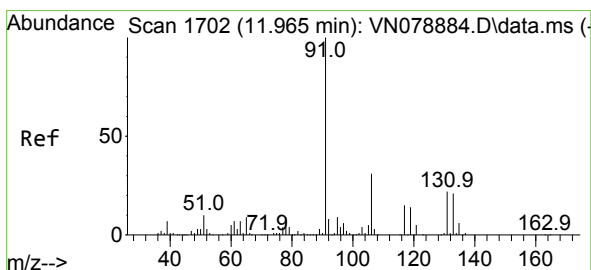
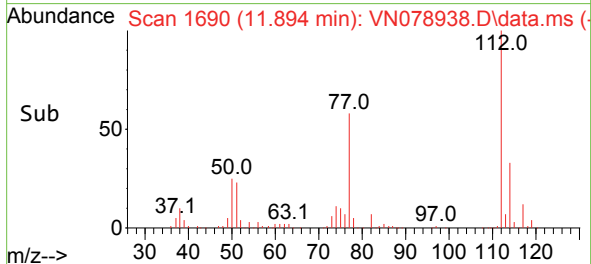
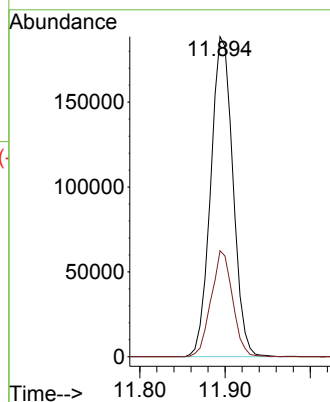
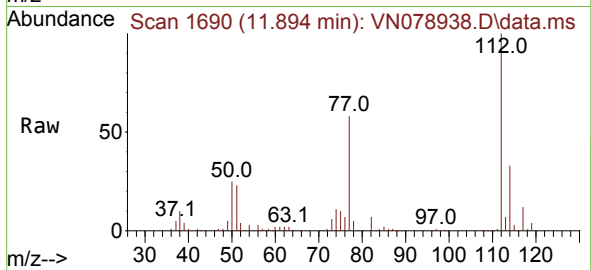
ClientSampleId :

Tgt Ion:112 Resp: 341412

Ion Ratio Lower Upper

112 100

114 33.1 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 58.897 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN078938.D

Acq: 18 Aug 2023 13:12

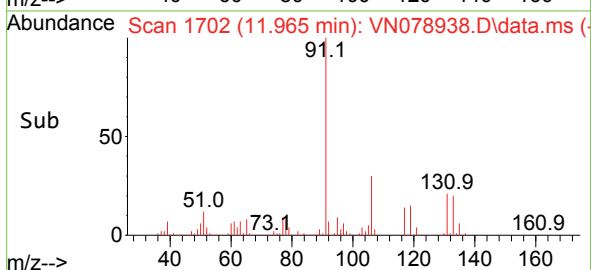
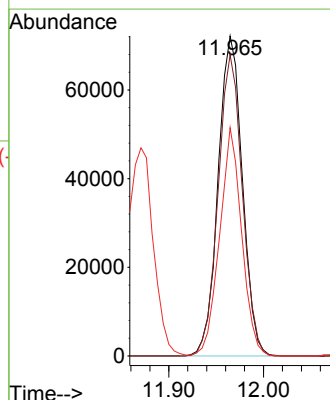
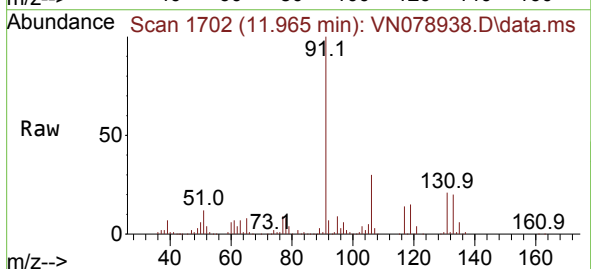
Tgt Ion:131 Resp: 128293

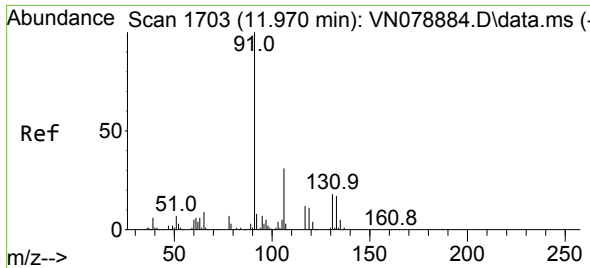
Ion Ratio Lower Upper

131 100

133 94.1 46.4 139.1

119 65.0 34.1 102.2





#67

Ethyl Benzene

Concen: 57.908 ug/l

RT: 11.971 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VN078938.D

Acq: 18 Aug 2023 13:12

Instrument :

MSVOA_N

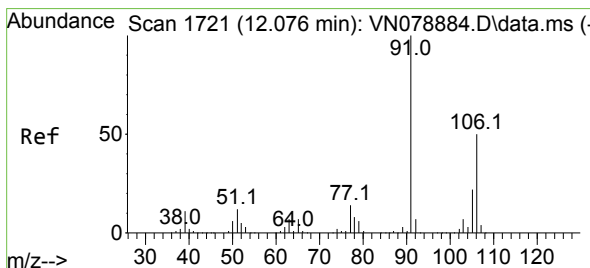
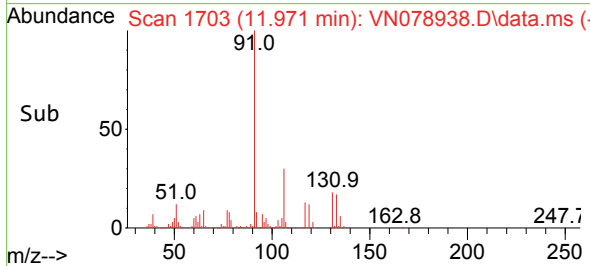
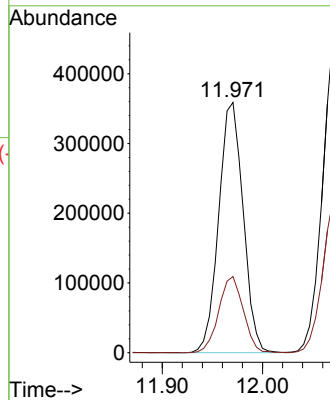
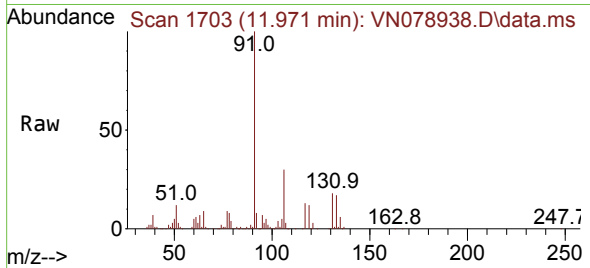
ClientSampleId :

Tgt Ion: 91 Resp: 606977

Ion Ratio Lower Upper

91 100

106 30.4 25.6 38.4



#68

m/p-Xylenes

Concen: 118.772 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.000 min

Lab File: VN078938.D

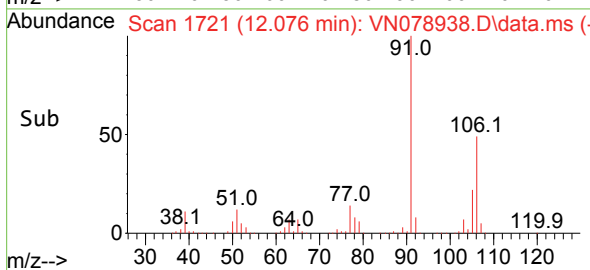
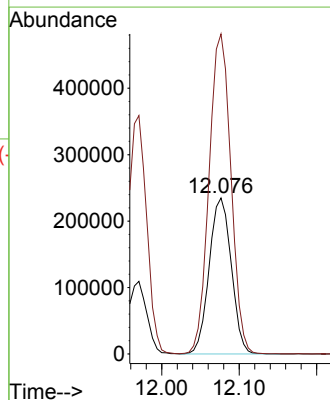
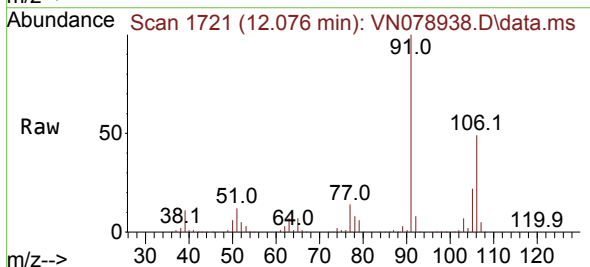
Acq: 18 Aug 2023 13:12

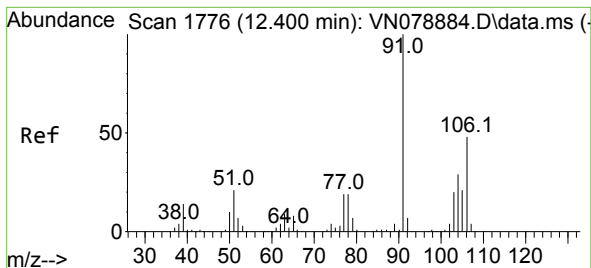
Tgt Ion:106 Resp: 465460

Ion Ratio Lower Upper

106 100

91 202.9 159.6 239.4





#69

o-Xylene

Concen: 59.880 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN078938.D

Acq: 18 Aug 2023 13:12

Instrument :

MSVOA_N

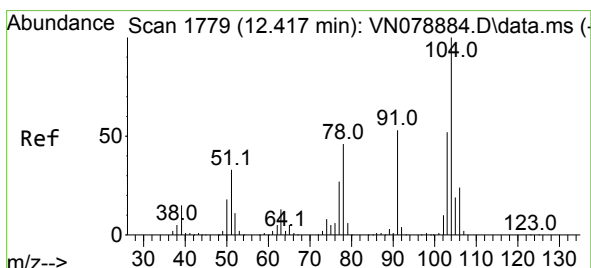
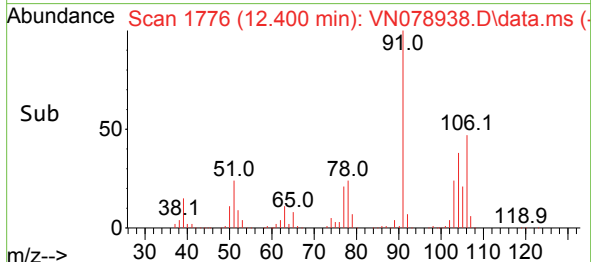
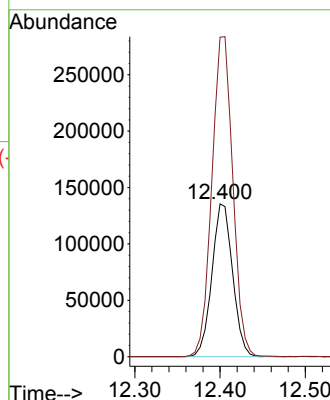
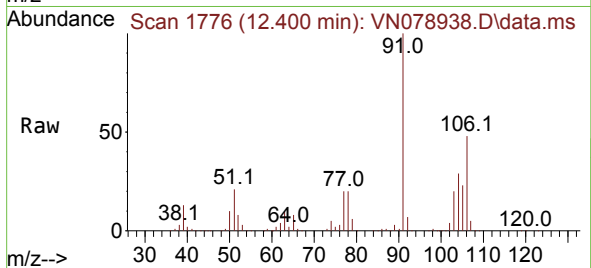
ClientSampleId :

Tgt Ion:106 Resp: 228278

Ion Ratio Lower Upper

106 100

91 212.1 105.2 315.5



#70

Styrene

Concen: 59.575 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VN078938.D

Acq: 18 Aug 2023 13:12

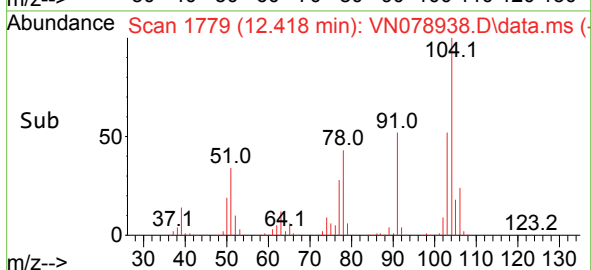
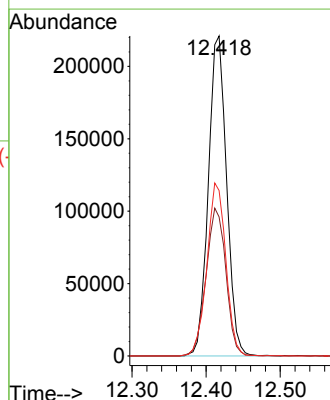
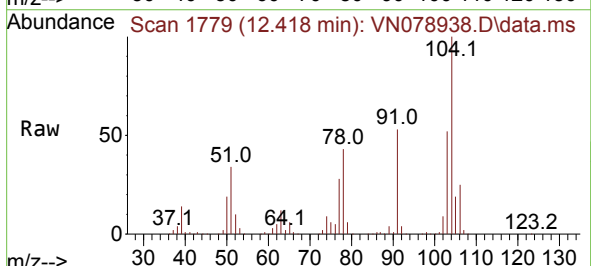
Tgt Ion:104 Resp: 378696

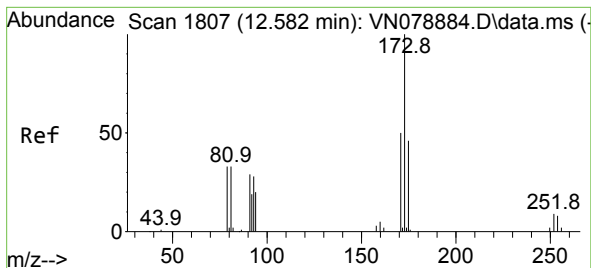
Ion Ratio Lower Upper

104 100

78 50.3 39.5 59.3

103 56.1 43.2 64.8





#71

Bromoform

Concen: 61.385 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078938.D

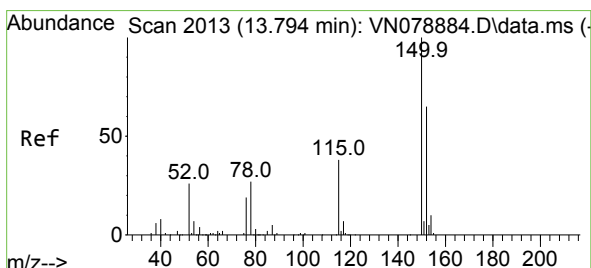
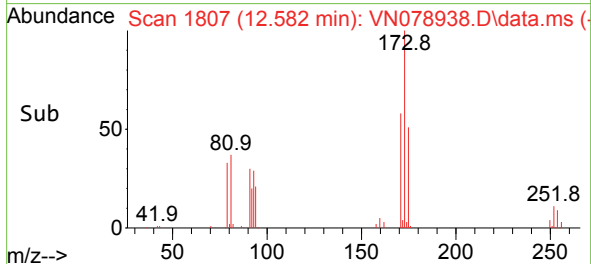
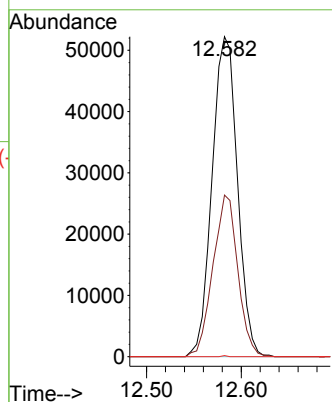
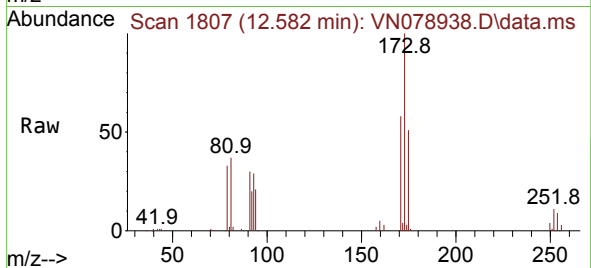
Acq: 18 Aug 2023 13:12

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	173	Resp:	97210
Ion Ratio	Lower	Upper	
173	100		
175	49.6	24.3	73.0
254	0.1	0.0	0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

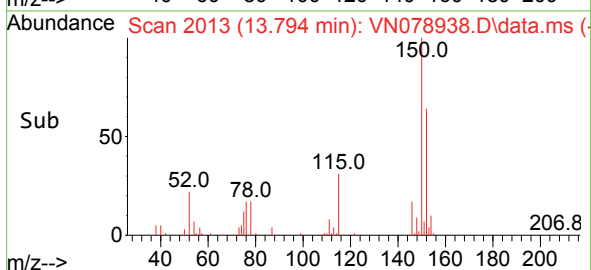
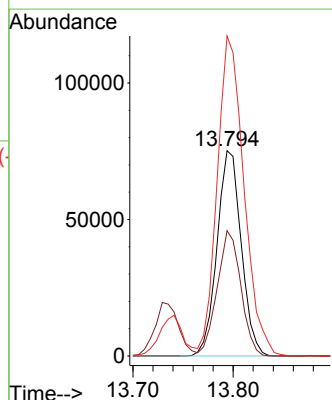
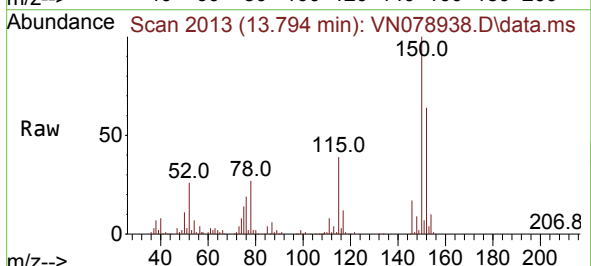
RT: 13.794 min Scan# 2013

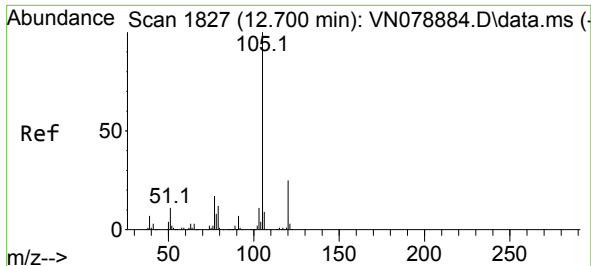
Delta R.T. -0.000 min

Lab File: VN078938.D

Acq: 18 Aug 2023 13:12

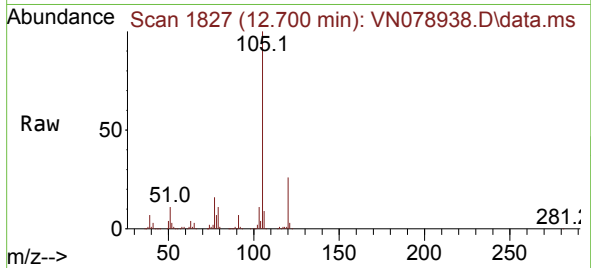
Tgt Ion:	152	Resp:	126019
Ion Ratio	Lower	Upper	
152	100		
115	59.5	32.3	96.8
150	172.1	0.0	355.8



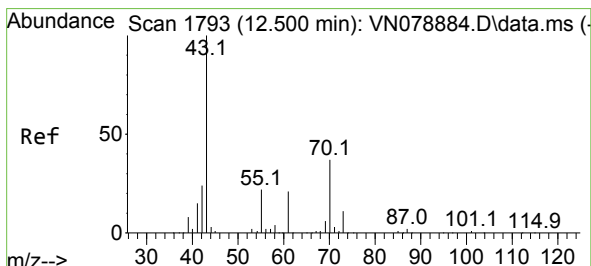
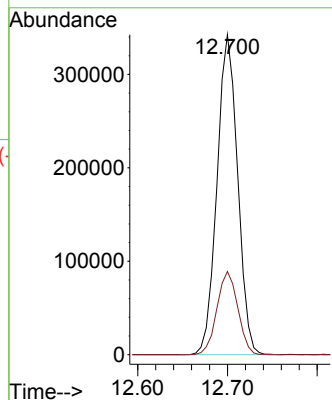
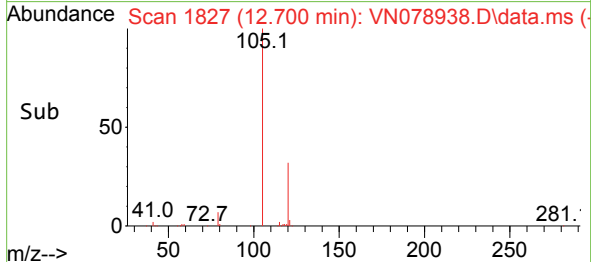


#73
Isopropylbenzene
Concen: 52.010 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

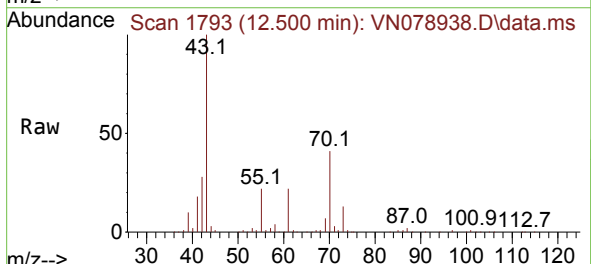
Instrument :
MSVOA_N
ClientSampleId :



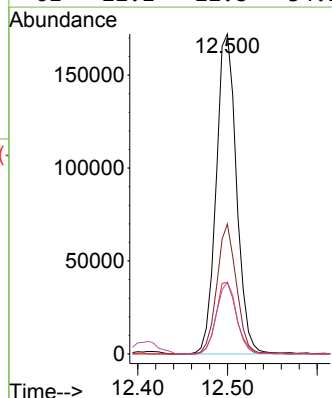
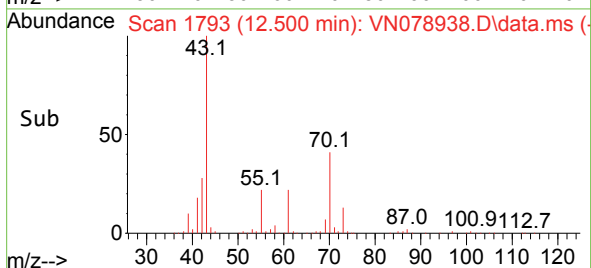
Tgt Ion:105 Resp: 546511
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.1

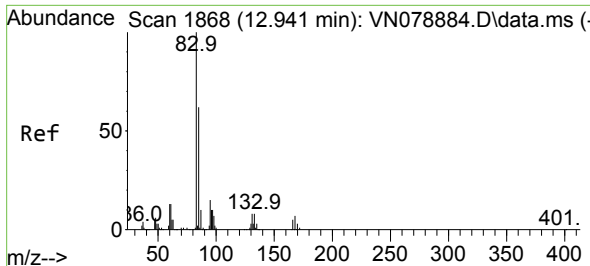


#74
N-ethyl acetate
Concen: 51.064 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12



Tgt Ion: 43 Resp: 270836
Ion Ratio Lower Upper
43 100
70 39.1 43.4 65.2#
55 22.9 21.4 32.0
61 22.1 22.8 34.2#

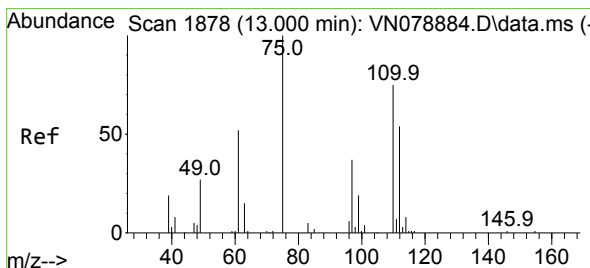
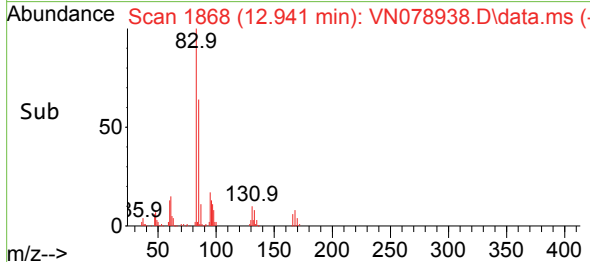
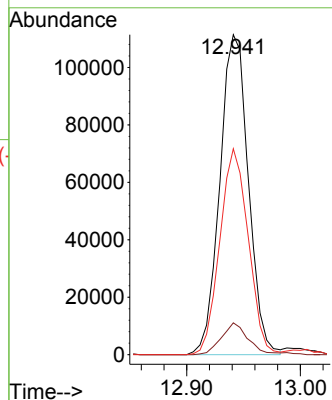
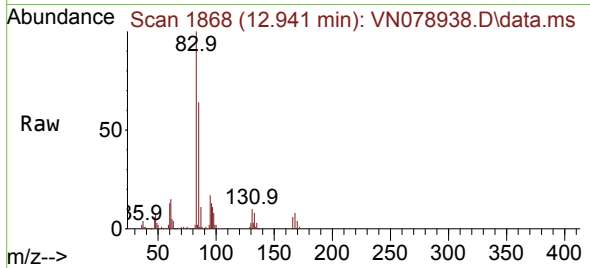




#75
1,1,2,2-Tetrachloroethane
Concen: 51.279 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

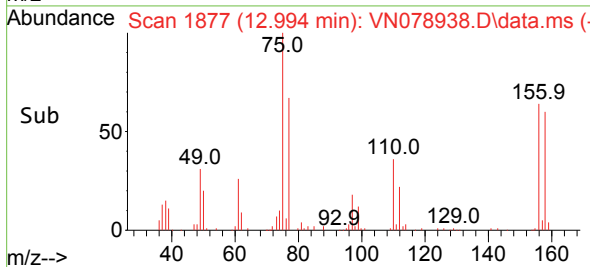
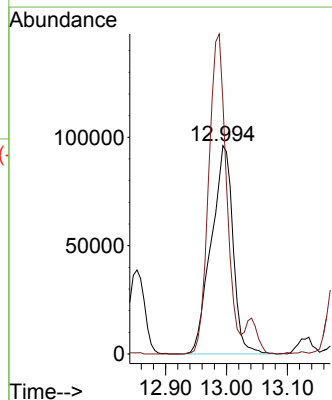
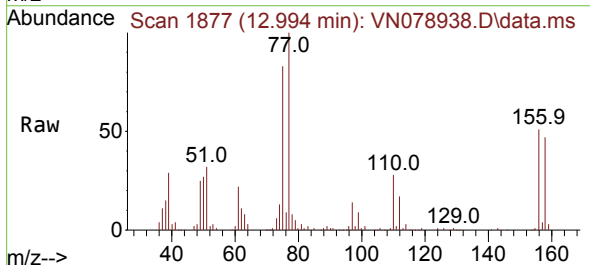
Instrument :
MSVOA_N
ClientSampleId :

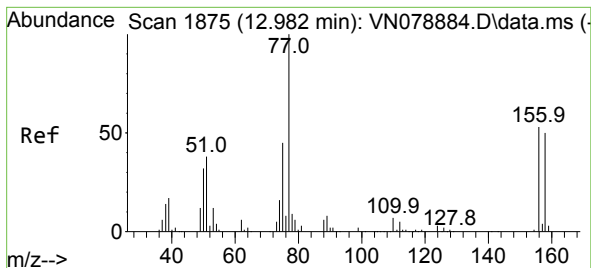
Tgt Ion: 83 Resp: 194554
Ion Ratio Lower Upper
83 100
131 9.6 5.0 15.0
85 64.1 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 78.349 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

Tgt Ion: 75 Resp: 237902
Ion Ratio Lower Upper
75 100
77 125.2 84.5 253.5





#77

Bromobenzene

Concen: 54.431 ug/l

RT: 12.988 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VN078938.D

Acq: 18 Aug 2023 13:12

Instrument :

MSVOA_N

ClientSampleId :

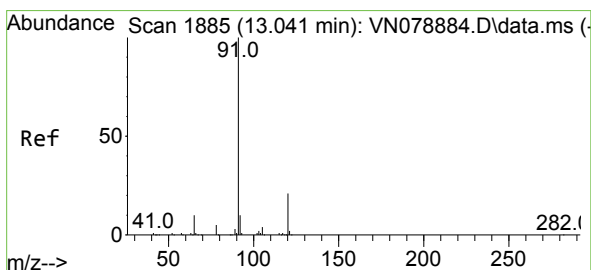
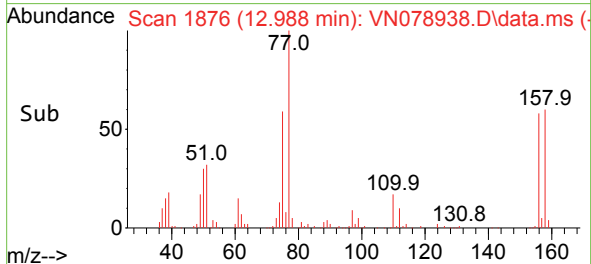
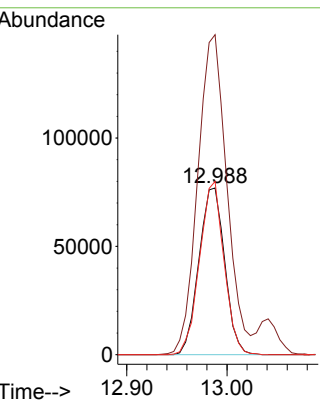
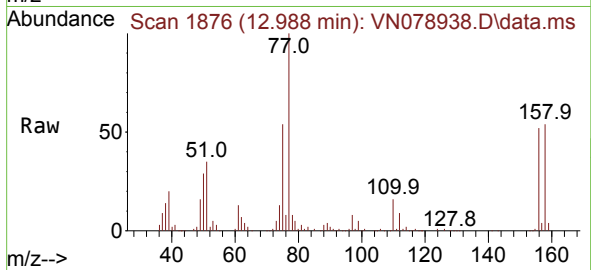
Tgt Ion:156 Resp: 137478

Ion Ratio Lower Upper

156 100

77 216.7 107.7 323.3

158 98.5 48.4 145.3



#78

n-propylbenzene

Concen: 52.107 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN078938.D

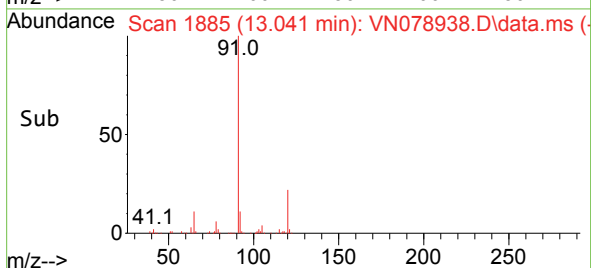
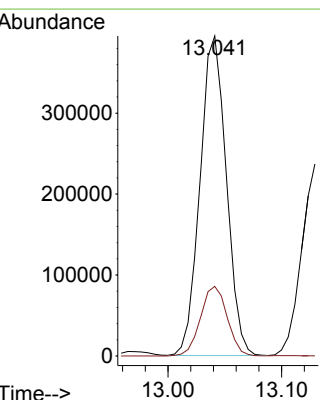
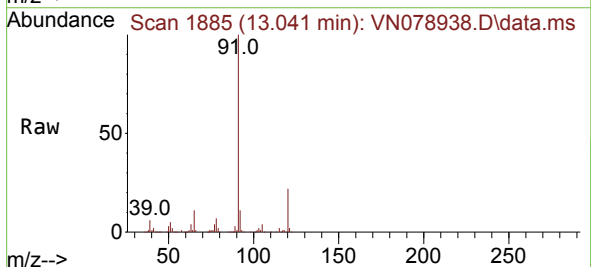
Acq: 18 Aug 2023 13:12

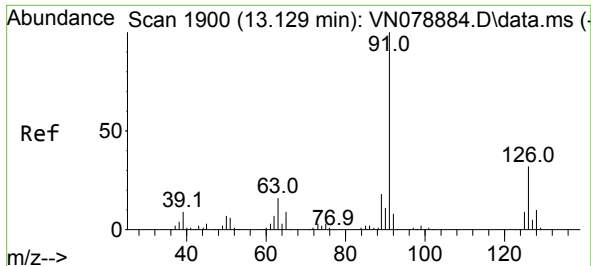
Tgt Ion: 91 Resp: 634913

Ion Ratio Lower Upper

91 100

120 22.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 52.174 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN078938.D

Acq: 18 Aug 2023 13:12

Instrument :

MSVOA_N

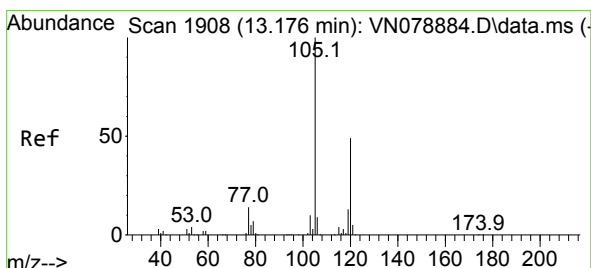
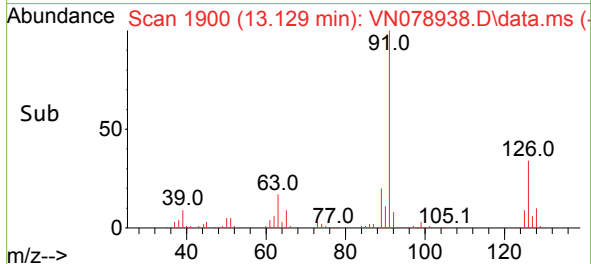
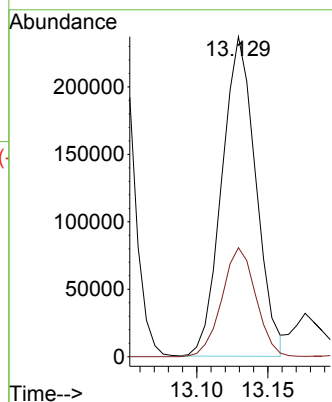
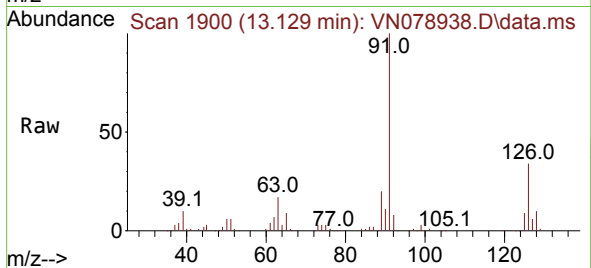
ClientSampleId :

Tgt Ion: 91 Resp: 394353

Ion Ratio Lower Upper

91 100

126 34.1 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 53.506 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN078938.D

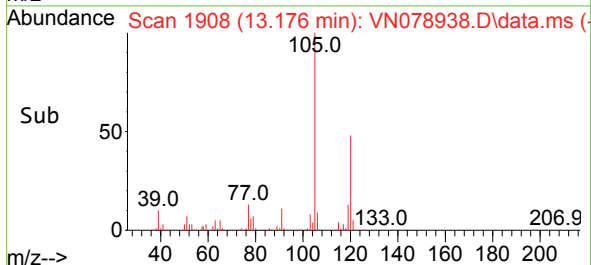
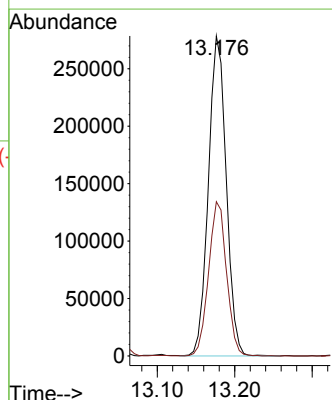
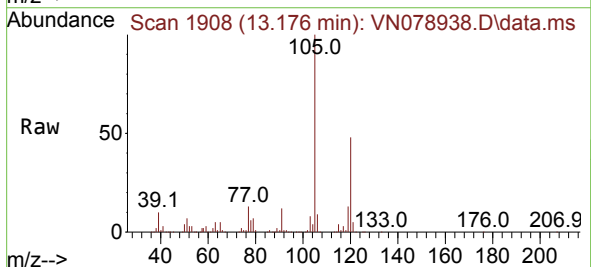
Acq: 18 Aug 2023 13:12

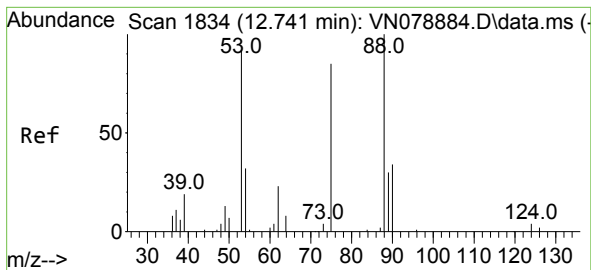
Tgt Ion:105 Resp: 445546

Ion Ratio Lower Upper

105 100

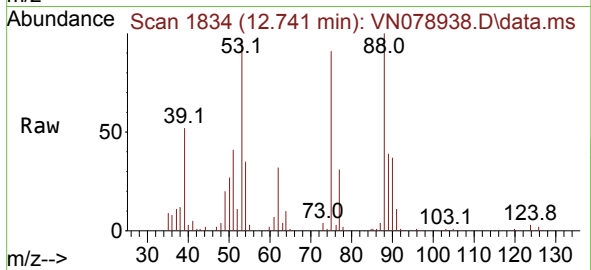
120 48.5 24.1 72.3



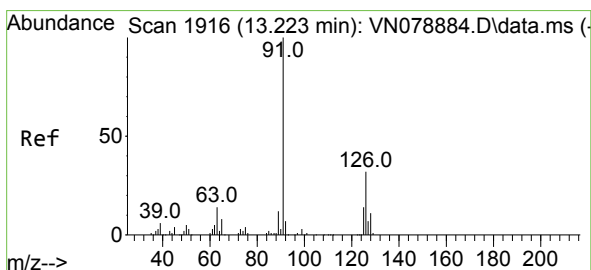
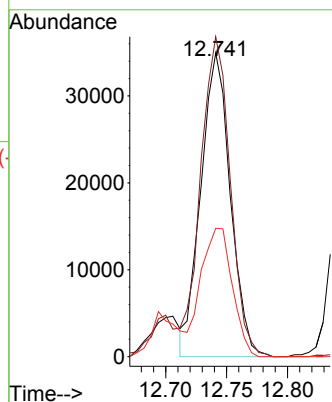
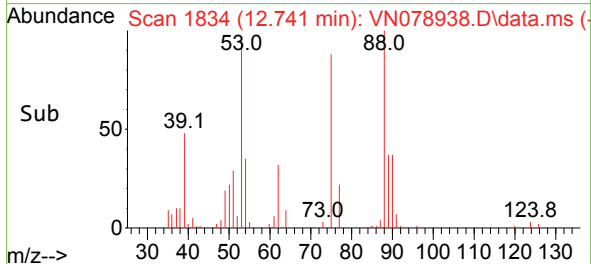


#81
trans-1,4-Dichloro-2-butene
Concen: 49.476 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

Instrument :
MSVOA_N
ClientSampleId :

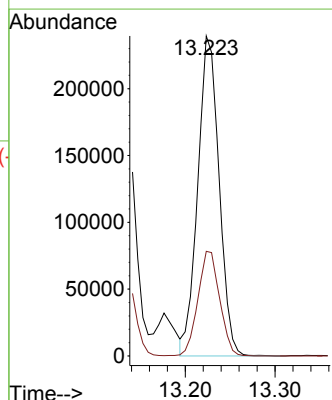
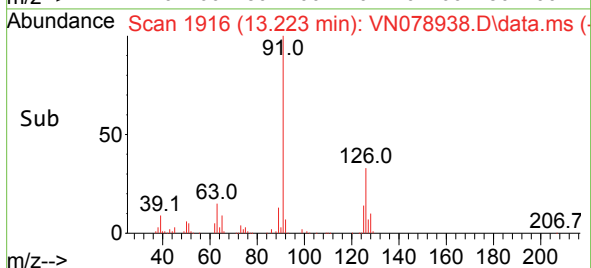
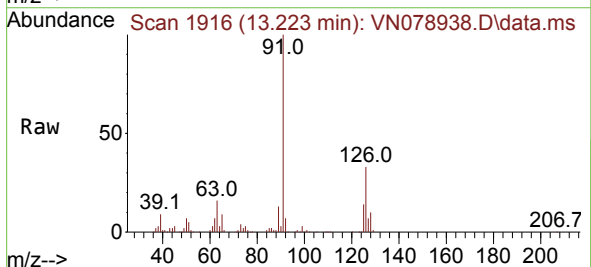


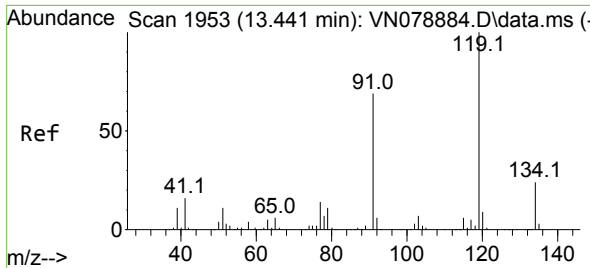
Tgt Ion: 75 Resp: 58809
Ion Ratio Lower Upper
75 100
53 107.6 67.4 101.2#
89 44.7 38.8 58.2



#82
4-Chlorotoluene
Concen: 53.409 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

Tgt Ion: 91 Resp: 394992
Ion Ratio Lower Upper
91 100
126 33.4 16.7 50.0

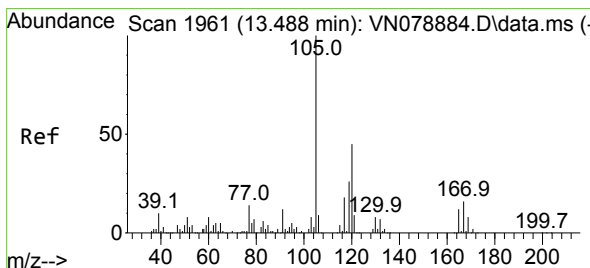
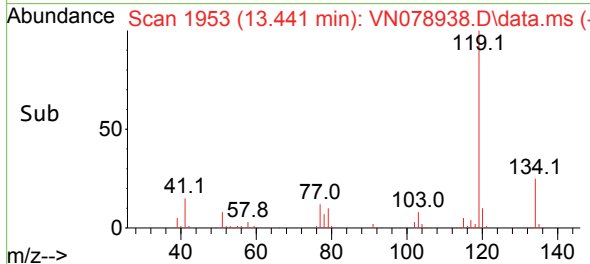
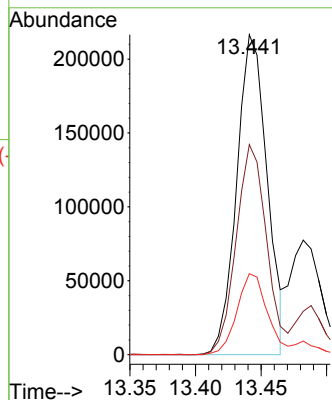
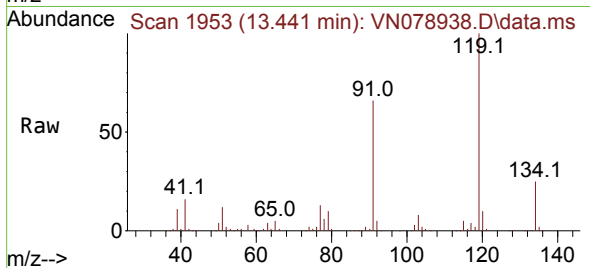




#83
 tert-Butylbenzene
 Concen: 50.025 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN078938.D
 Acq: 18 Aug 2023 13:12

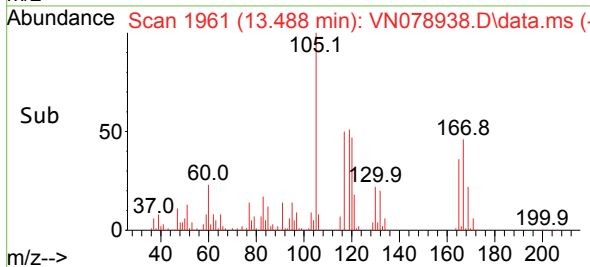
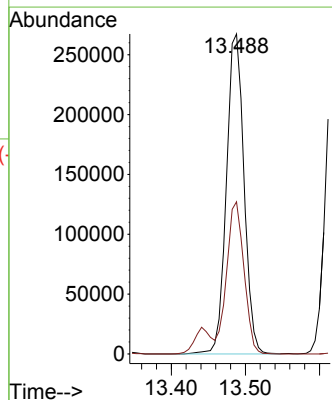
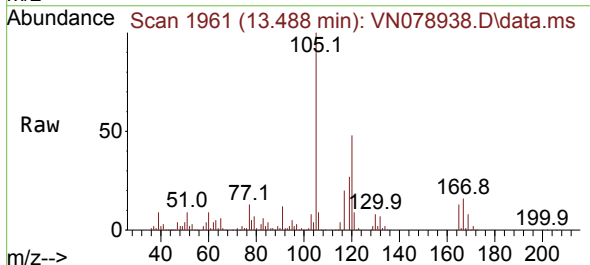
Instrument :
 MSVOA_N
 ClientSampleId :

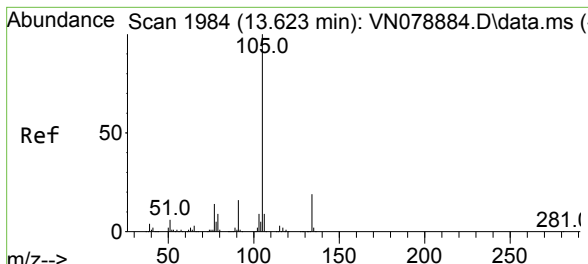
Tgt Ion:119 Resp: 349994
 Ion Ratio Lower Upper
 119 100
 91 66.1 33.9 101.7
 134 25.3 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 53.362 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN078938.D
 Acq: 18 Aug 2023 13:12

Tgt Ion:105 Resp: 439983
 Ion Ratio Lower Upper
 105 100
 120 46.8 22.0 66.0

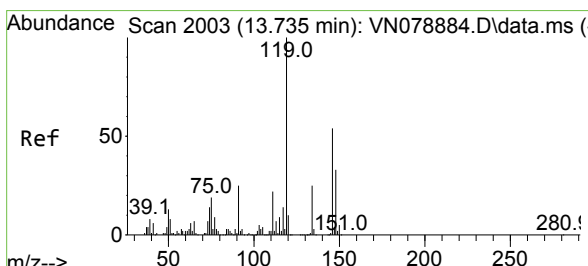
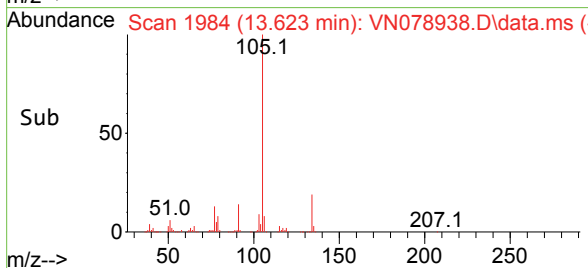
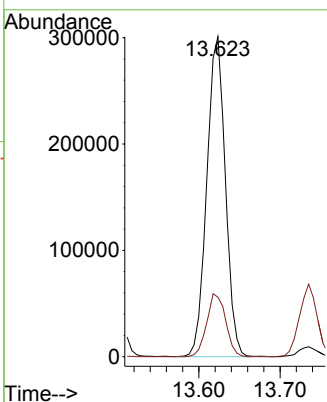
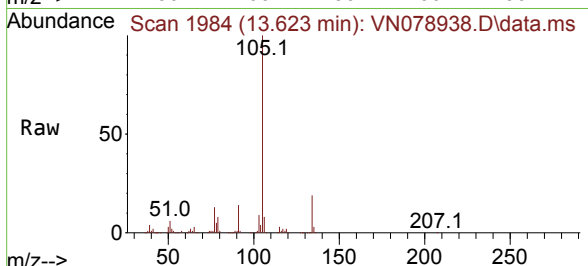




#85
 sec-Butylbenzene
 Concen: 49.671 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078938.D
 Acq: 18 Aug 2023 13:12

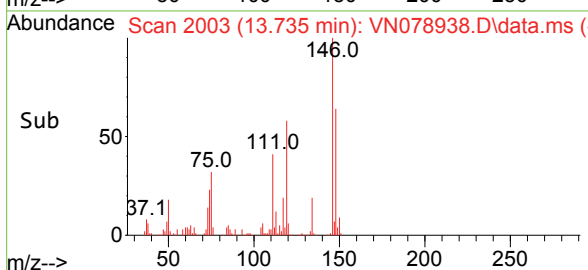
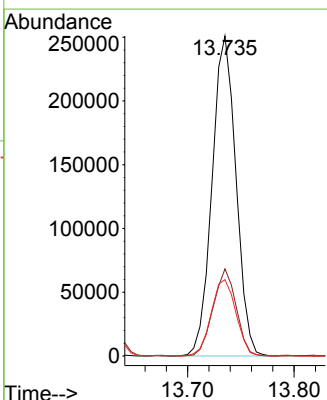
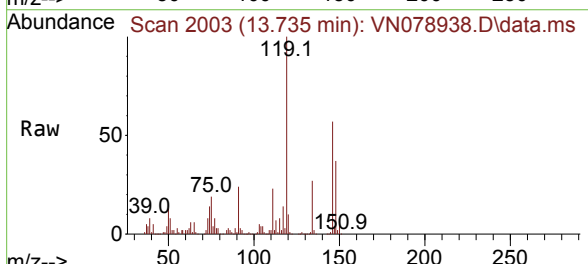
Instrument :
 MSVOA_N
 ClientSampleId :

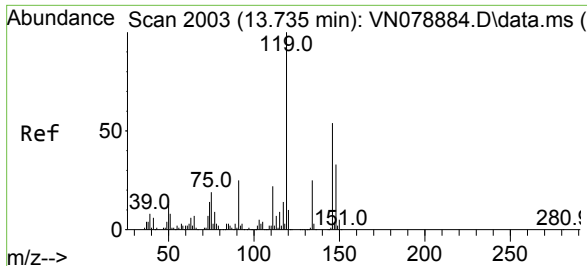
Tgt Ion:	105	Resp:	478257
Ion Ratio	Lower	Upper	
105	100		
134	20.0	9.8	29.3



#86
 p-Isopropyltoluene
 Concen: 50.798 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078938.D
 Acq: 18 Aug 2023 13:12

Tgt Ion:	119	Resp:	390770
Ion Ratio	Lower	Upper	
119	100		
134	26.2	12.6	37.8
91	24.7	12.4	37.2

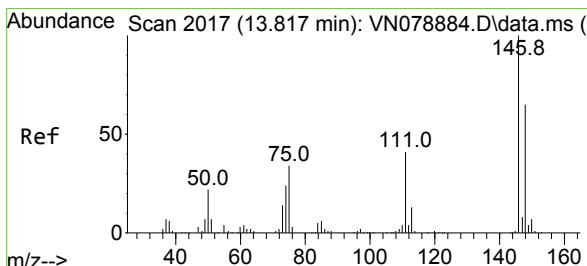
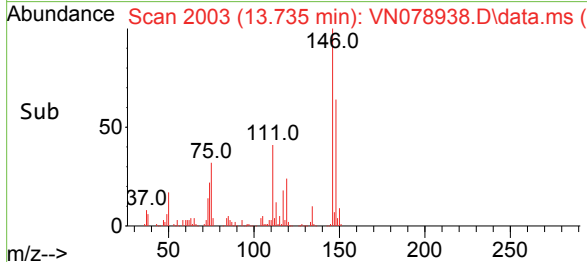
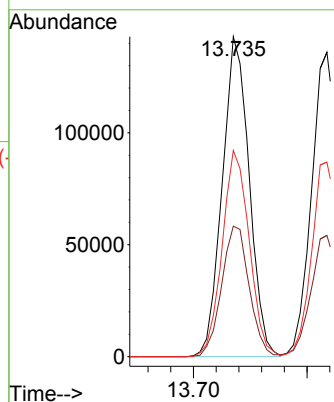
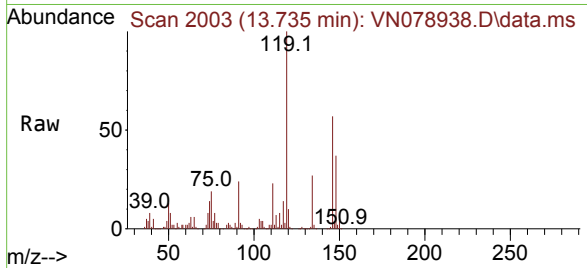




#87
1,3-Dichlorobenzene
Concen: 54.109 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

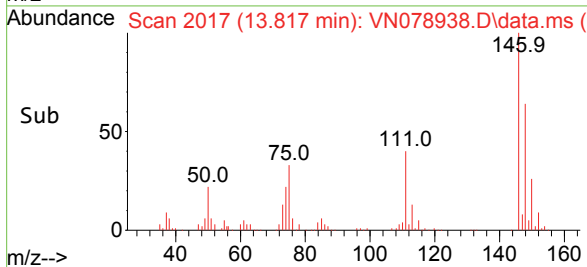
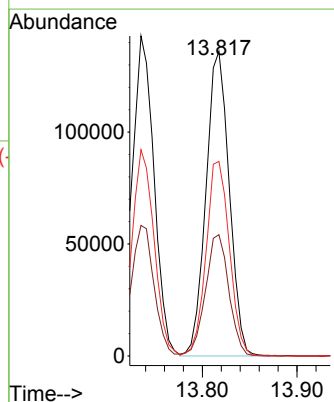
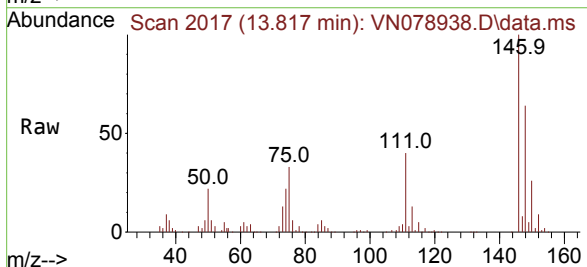
Instrument :
MSVOA_N
ClientSampleId :

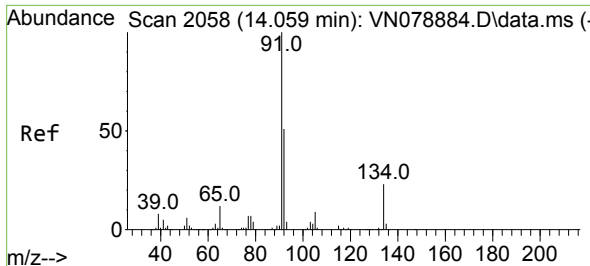
Tgt Ion:146 Resp: 235168
Ion Ratio Lower Upper
146 100
111 41.9 22.1 66.3
148 64.8 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 53.276 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

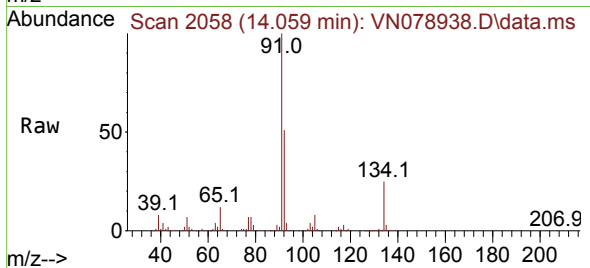
Tgt Ion:146 Resp: 231755
Ion Ratio Lower Upper
146 100
111 40.2 20.6 61.8
148 64.2 31.6 94.8



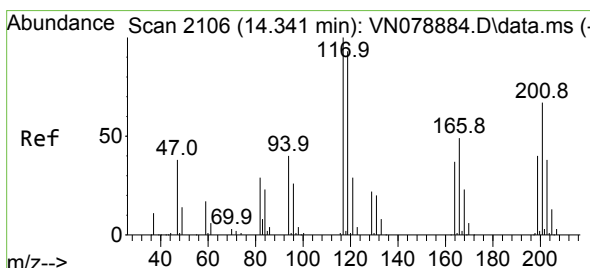
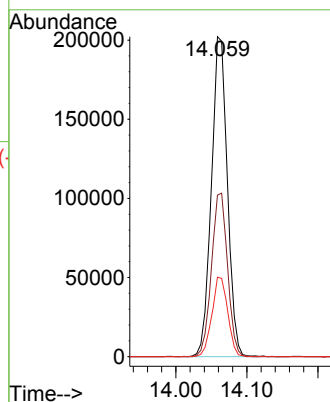
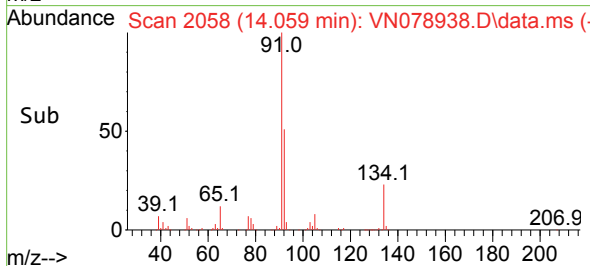


#89
n-Butylbenzene
Concen: 49.837 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

Instrument :
MSVOA_N
ClientSampleId :

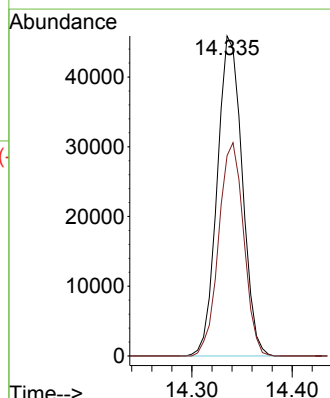
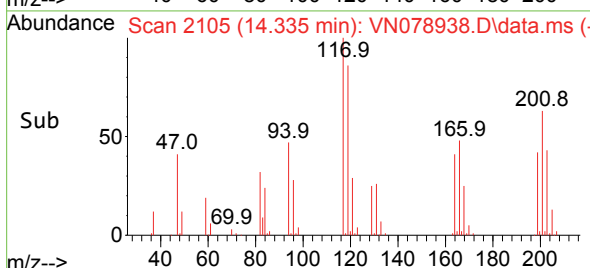
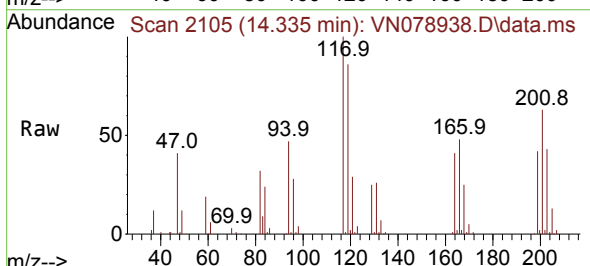


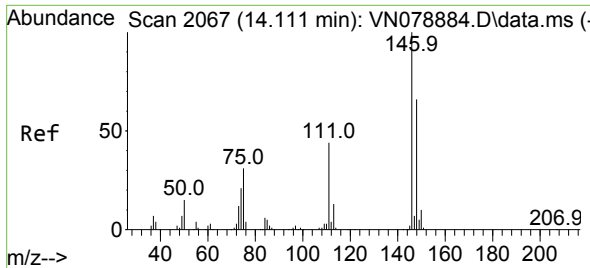
Tgt Ion: 91 Resp: 315502
Ion Ratio Lower Upper
91 100
92 51.4 26.4 79.0
134 24.6 12.6 37.6



#90
Hexachloroethane
Concen: 51.425 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

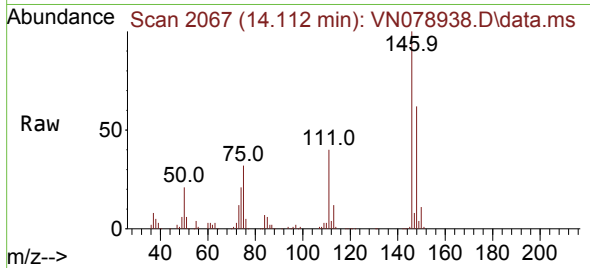
Tgt Ion: 117 Resp: 79300
Ion Ratio Lower Upper
117 100
201 66.6 29.3 88.0



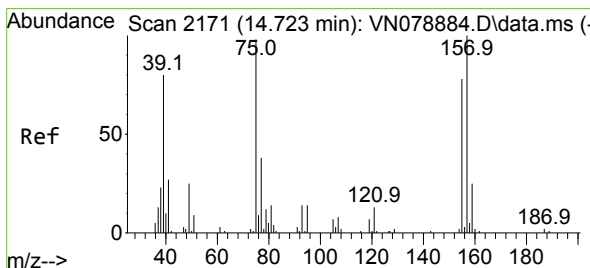
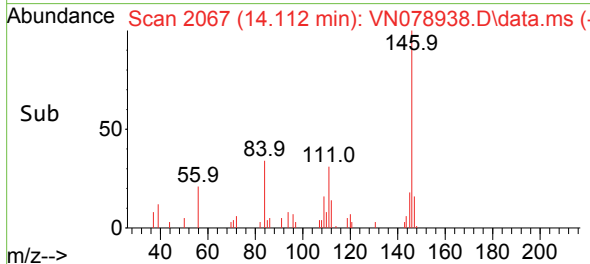
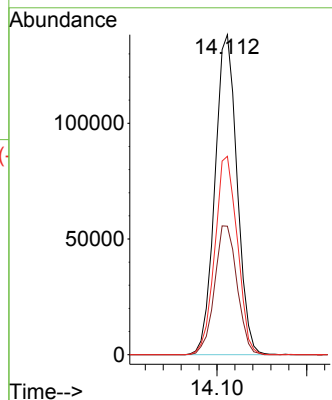


#91
1,2-Dichlorobenzene
Concen: 54.723 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

Instrument :
MSVOA_N
ClientSampleId :

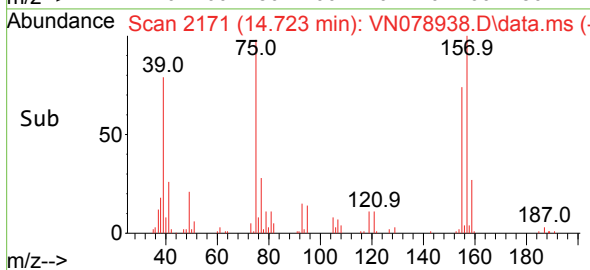
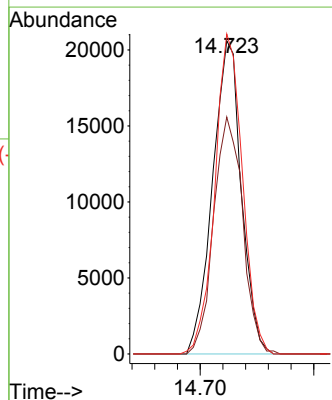
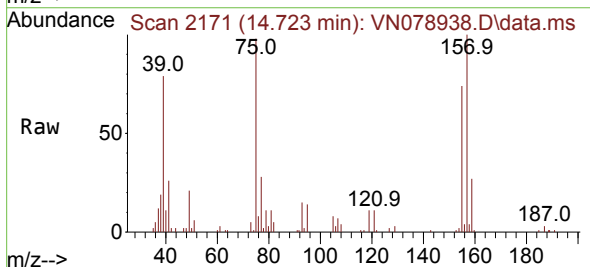


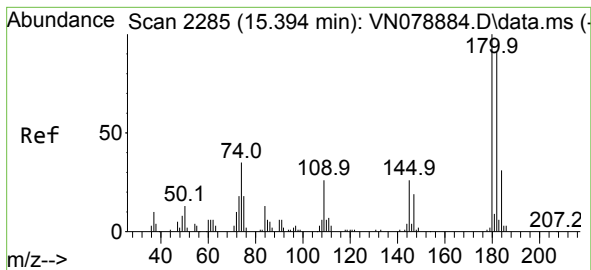
Tgt Ion:146 Resp: 236519
Ion Ratio Lower Upper
146 100
111 41.0 22.0 66.0
148 63.1 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 58.541 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

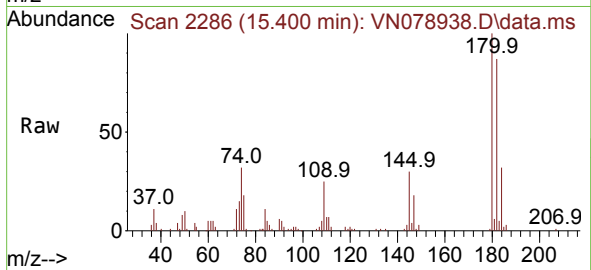
Tgt Ion: 75 Resp: 36265
Ion Ratio Lower Upper
75 100
155 76.3 39.1 117.2
157 97.8 50.3 150.9



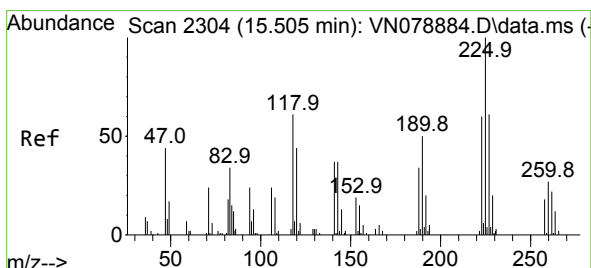
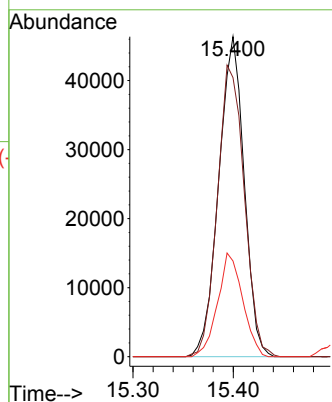
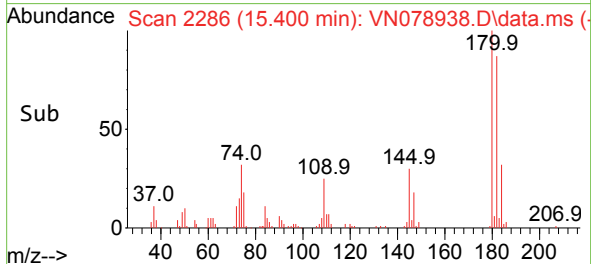


#93
1,2,4-Trichlorobenzene
Concen: 53.334 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12

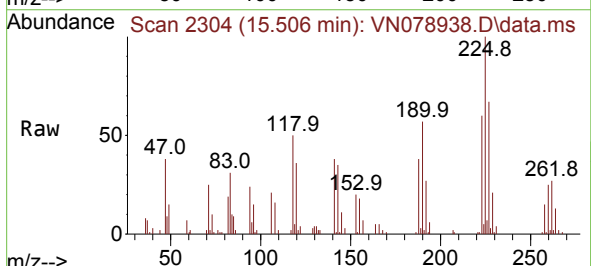
Instrument :
MSVOA_N
ClientSampleId :



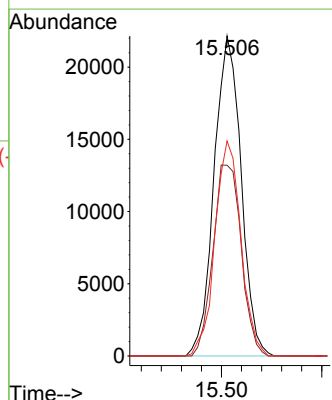
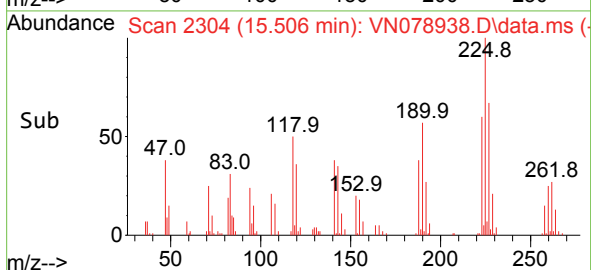
Tgt Ion:180 Resp: 81719
Ion Ratio Lower Upper
180 100
182 96.0 46.1 138.2
145 31.8 16.6 49.8

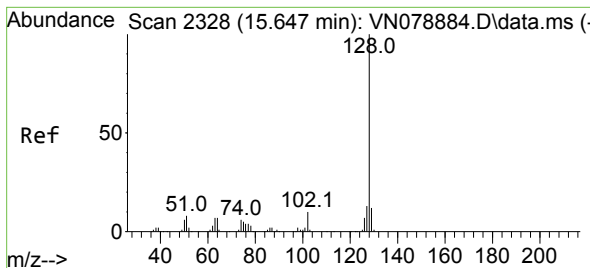


#94
Hexachlorobutadiene
Concen: 52.452 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078938.D
Acq: 18 Aug 2023 13:12



Tgt Ion:225 Resp: 41454
Ion Ratio Lower Upper
225 100
223 62.5 31.3 93.8
227 64.5 31.9 95.9





#95

Naphthalene

Concen: 44.161 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN078938.D

Acq: 18 Aug 2023 13:12

Instrument :

MSVOA_N

ClientSampleId :

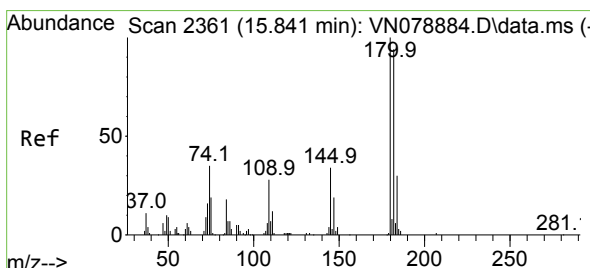
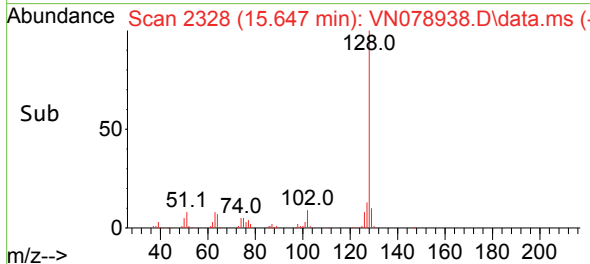
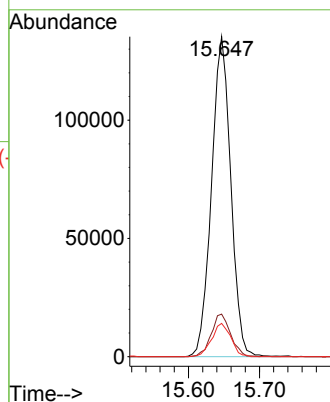
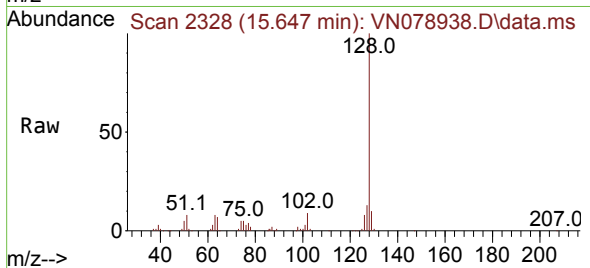
Tgt Ion:128 Resp: 254616

Ion Ratio Lower Upper

128 100

127 13.4 10.0 15.0

129 10.4 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 53.139 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.006 min

Lab File: VN078938.D

Acq: 18 Aug 2023 13:12

Tgt Ion:180 Resp: 89175

Ion Ratio Lower Upper

180 100

182 94.4 46.2 138.6

145 29.9 17.5 52.6

