

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101323\
 Data File : VN079567.D
 Acq On : 13 Oct 2023 13:01
 Operator : JC\MD
 Sample : VN1013WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 13 23:30:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	253575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	439766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	395653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	162899	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	209956	51.065	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.140%	
35) Dibromofluoromethane	8.171	113	168555	53.335	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.660%	
50) Toluene-d8	10.570	98	634714	55.506	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.020%	
62) 4-Bromofluorobenzene	12.853	95	198700	54.146	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.300%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	73360	20.189	ug/l	99
3) Chloromethane	2.365	50	81127	17.894	ug/l	100
4) Vinyl Chloride	2.518	62	91365	19.374	ug/l	98
5) Bromomethane	2.953	94	53577	18.978	ug/l	97
6) Chloroethane	3.118	64	62164	17.485	ug/l	99
7) Trichlorofluoromethane	3.500	101	109906	19.739	ug/l	94
8) Diethyl Ether	3.971	74	38928	19.611	ug/l	64
9) 1,1,2-Trichlorotrifluo...	4.377	101	64091	19.697	ug/l	100
10) Methyl Iodide	4.594	142	63735	22.573	ug/l	98
11) Tert butyl alcohol	5.530	59	53752	86.863	ug/l	100
12) 1,1-Dichloroethene	4.347	96	58770	19.616	ug/l	93
13) Acrolein	4.189	56	53775	87.273	ug/l	97
14) Allyl chloride	5.030	41	90750	18.770	ug/l	90
15) Acrylonitrile	5.724	53	176284	98.260	ug/l	100
16) Acetone	4.430	43	174725	107.143	ug/l	92
17) Carbon Disulfide	4.718	76	161395	17.270	ug/l	98
18) Methyl Acetate	5.030	43	143328	17.957	ug/l #	84
19) Methyl tert-butyl Ether	5.794	73	197090	20.246	ug/l	96
20) Methylene Chloride	5.277	84	72379	19.906	ug/l #	75
21) trans-1,2-Dichloroethene	5.794	96	66220	18.924	ug/l #	78
22) Diisopropyl ether	6.677	45	225239	20.776	ug/l #	92
23) Vinyl Acetate	6.606	43	606322	99.425	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	130393	19.652	ug/l	99
25) 2-Butanone	7.488	43	239513	98.956	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	108681	21.433	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	75161	19.772	ug/l	87
28) Bromochloromethane	7.818	49	66900	21.191	ug/l #	72
29) Tetrahydrofuran	7.841	42	152278	97.278	ug/l #	75
30) Chloroform	7.971	83	136144	20.308	ug/l	93
31) Cyclohexane	8.259	56	106017	18.178	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	115341	20.444	ug/l	94
36) 1,1-Dichloropropene	8.377	75	96887	20.427	ug/l	95
37) Ethyl Acetate	7.565	43	95123	20.155	ug/l #	90
38) Carbon Tetrachloride	8.365	117	98206	20.682	ug/l	98
39) Methylcyclohexane	9.606	83	87367	19.172	ug/l #	85
40) Benzene	8.612	78	288187	20.458	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	45771	18.447	ug/l	87
42) 1,2-Dichloroethane	8.677	62	107192	20.942	ug/l	98
43) Isopropyl Acetate	8.694	43	165992	20.075	ug/l #	87
44) Trichloroethene	9.359	130	67145	20.252	ug/l	98
45) 1,2-Dichloropropane	9.623	63	77236	20.810	ug/l	92
46) Dibromomethane	9.718	93	51157	21.282	ug/l	96
47) Bromodichloromethane	9.894	83	104318	21.097	ug/l	97
48) Methyl methacrylate	9.682	41	70308	19.843	ug/l #	81
49) 1,4-Dioxane	9.700	88	28524	437.047	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	480929	103.035	ug/l	89
52) Toluene	10.635	92	178012	21.468	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	107915	21.657	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	113603	20.826	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	70412	21.152	ug/l	96
56) Ethyl methacrylate	10.876	69	98556	21.546	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	122632	21.334	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	177513	101.331	ug/l	89
59) 2-Hexanone	11.200	43	346131	102.764	ug/l	88
60) Dibromochloromethane	11.365	129	73011	21.823	ug/l	100
61) 1,2-Dibromoethane	11.470	107	69172	20.938	ug/l	97
64) Tetrachloroethene	11.106	164	53936	19.816	ug/l	97
65) Chlorobenzene	11.894	112	182370	20.697	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	67117	20.804	ug/l	99
67) Ethyl Benzene	11.970	91	322874	21.082	ug/l	97
68) m/p-Xylenes	12.076	106	242240	43.532	ug/l	95
69) o-Xylene	12.400	106	114454	20.914	ug/l	94
70) Styrene	12.417	104	188560	21.814	ug/l	97
71) Bromoform	12.582	173	46803	19.822	ug/l #	100
73) Isopropylbenzene	12.700	105	290224	19.151	ug/l	99
74) N-amyl acetate	12.500	43	117202	18.864	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	103087	20.354	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	123435	26.281	ug/l	67
77) Bromobenzene	12.982	156	69347	18.662	ug/l	97
78) n-propylbenzene	13.041	91	345623	20.157	ug/l	97
79) 2-Chlorotoluene	13.129	91	212578	19.375	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	242682	20.307	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	29705	18.351	ug/l #	85
82) 4-Chlorotoluene	13.223	91	207299	19.855	ug/l	100
83) tert-Butylbenzene	13.441	119	189895	19.395	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	240179	21.060	ug/l	99
85) sec-Butylbenzene	13.623	105	268796	19.682	ug/l	100
86) p-Isopropyltoluene	13.735	119	213846	20.411	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	121771	20.661	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	117372	19.287	ug/l	98
89) n-Butylbenzene	14.064	91	168066	20.088	ug/l	97
90) Hexachloroethane	14.341	117	43100	19.629	ug/l	86
91) 1,2-Dichlorobenzene	14.111	146	116294	20.229	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14680	16.752	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	33529	18.831	ug/l	97
94) Hexachlorobutadiene	15.505	225	27051	19.507	ug/l	96
95) Naphthalene	15.647	128	84021	15.453	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	36674	17.260	ug/l	95

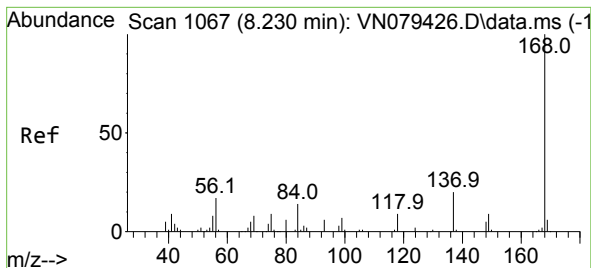
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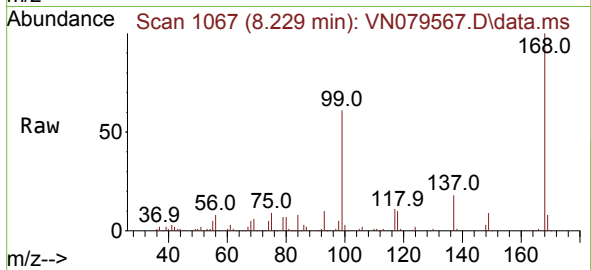
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

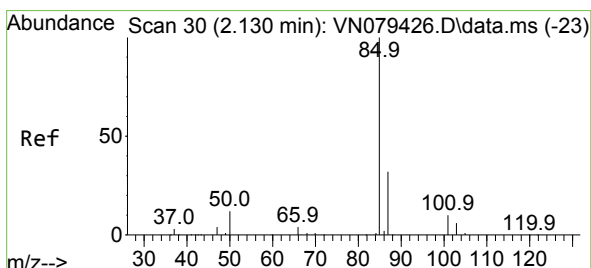
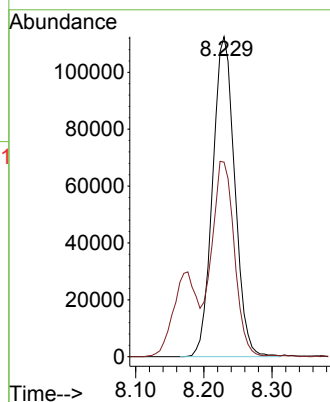
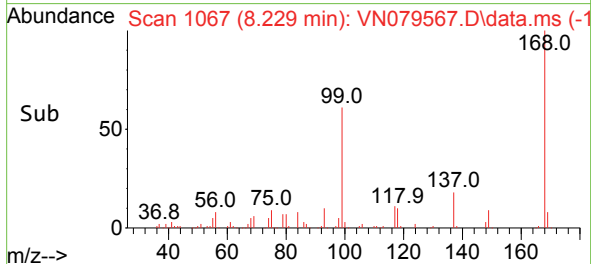


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN079567.D
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ClientSampleId :

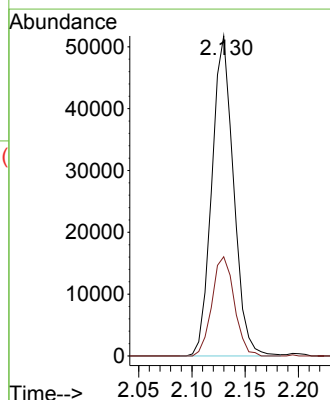
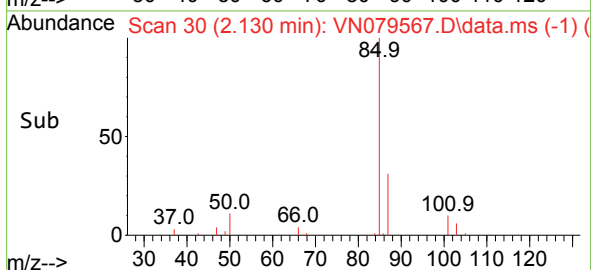
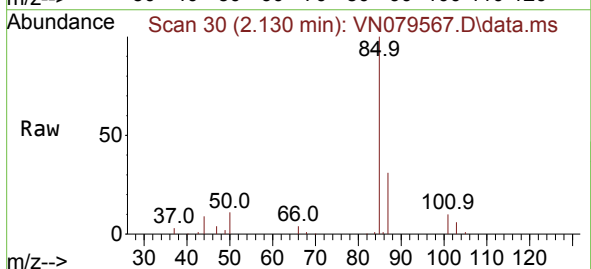


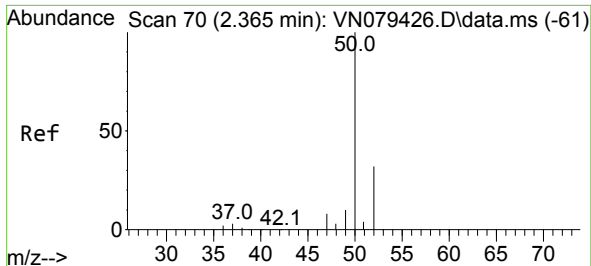
Tgt Ion:168 Resp: 253575
Ion Ratio Lower Upper
168 100
99 60.5 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 20.189 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 85 Resp: 73360
Ion Ratio Lower Upper
85 100
87 31.0 15.8 47.4

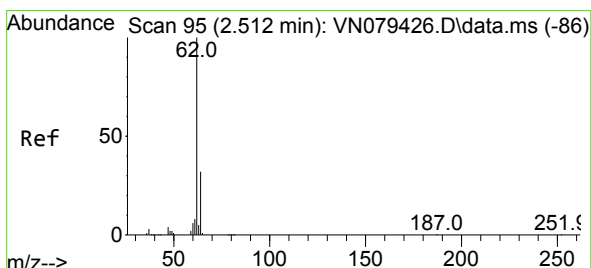
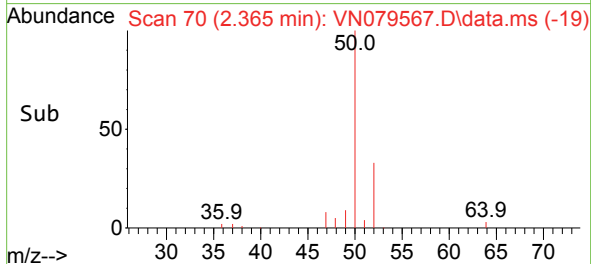
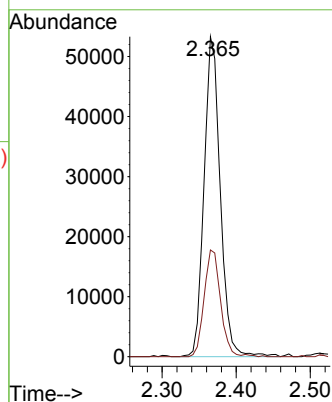
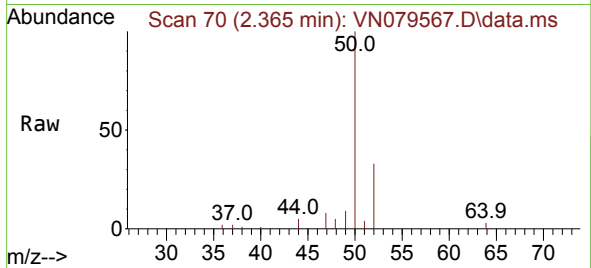




#3
Chloromethane
Concen: 17.894 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.000 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

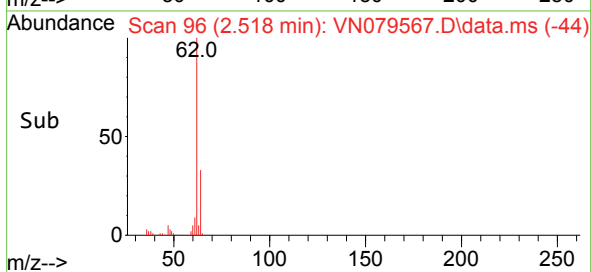
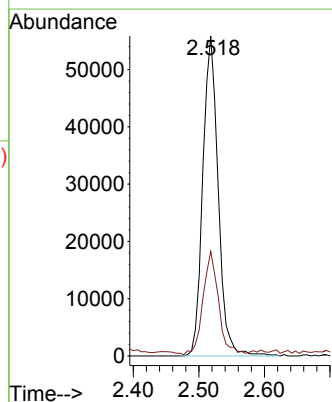
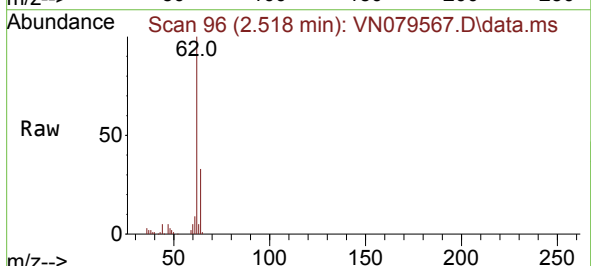
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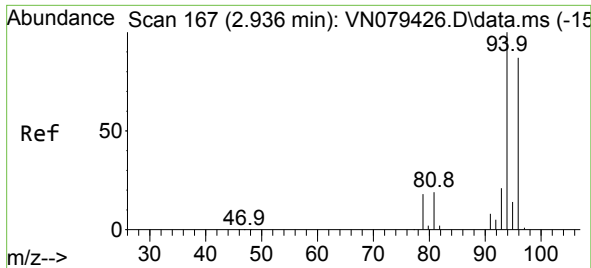
Tgt Ion: 50 Resp: 81127
Ion Ratio Lower Upper
50 100
52 33.4 26.5 39.7



#4
Vinyl Chloride
Concen: 19.374 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 62 Resp: 91365
Ion Ratio Lower Upper
62 100
64 31.8 26.2 39.2

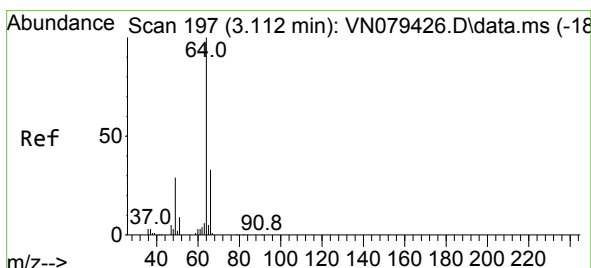
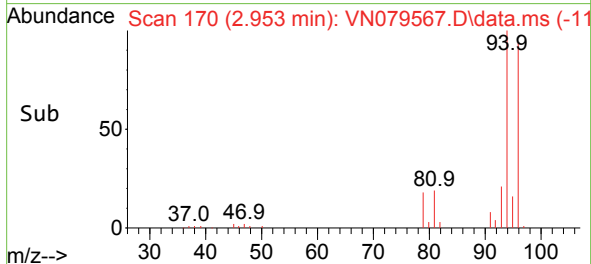
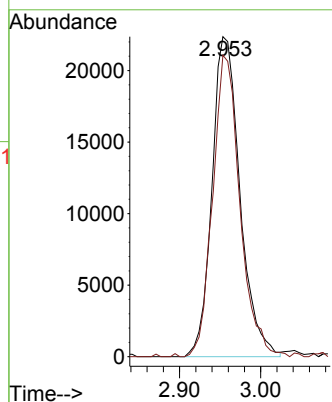
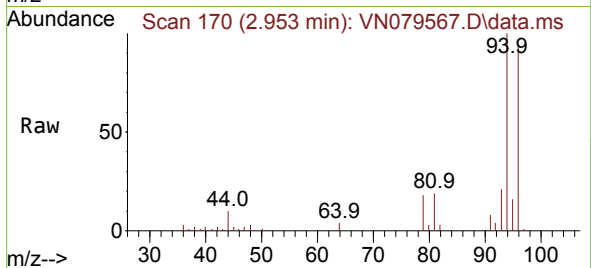




#5
Bromomethane
Concen: 18.978 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

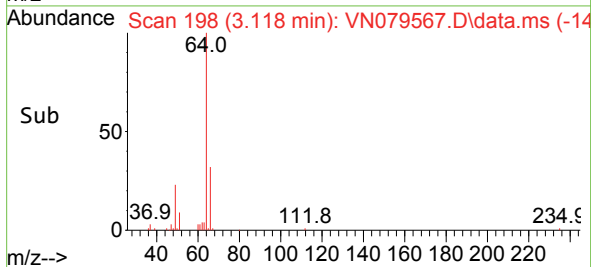
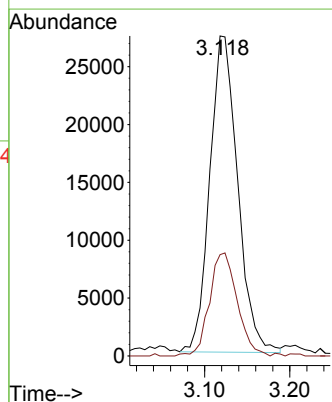
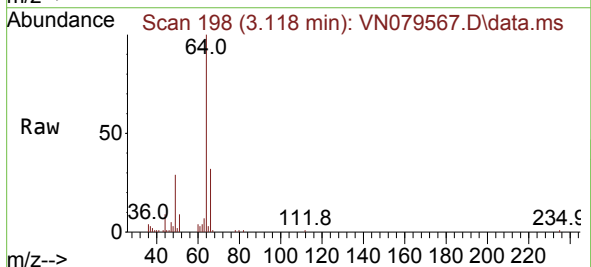
Instrument :
MSVOA_N
ClientSampleId :

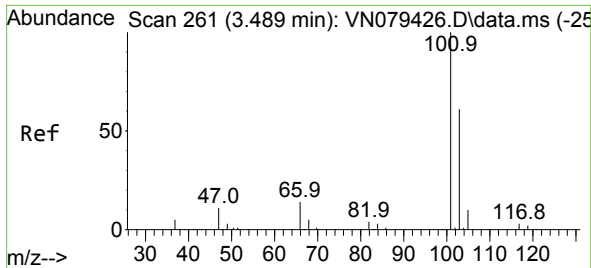
Tgt Ion: 94 Resp: 53577
Ion Ratio Lower Upper
94 100
96 94.2 73.1 109.7



#6
Chloroethane
Concen: 17.485 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 64 Resp: 62164
Ion Ratio Lower Upper
64 100
66 31.5 25.4 38.2

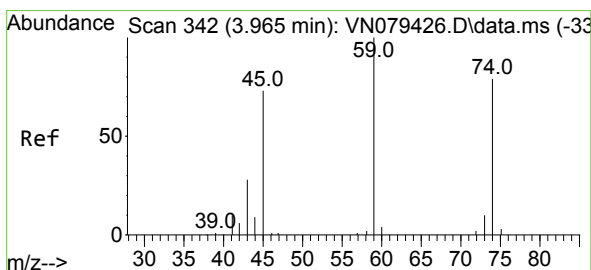
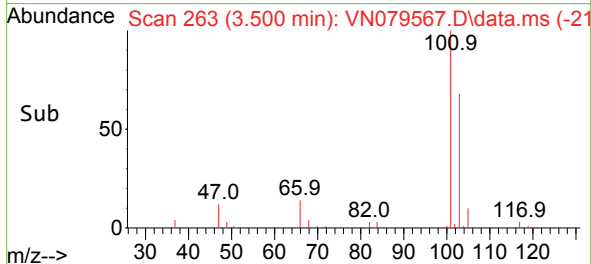
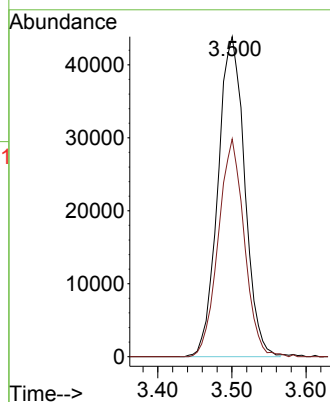
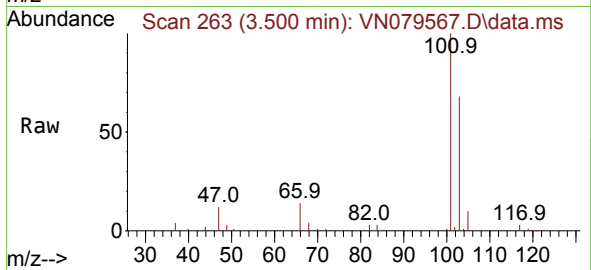




#7
Trichlorofluoromethane
Concen: 19.739 ug/l
RT: 3.500 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN079567.D
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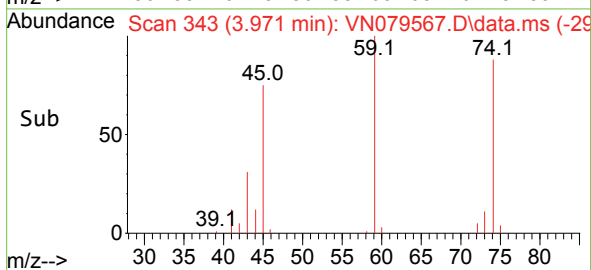
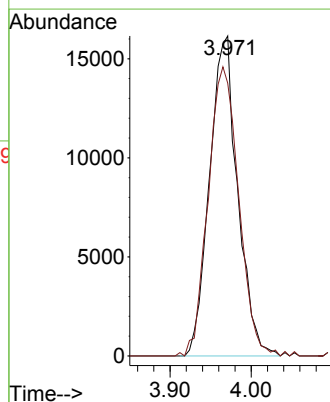
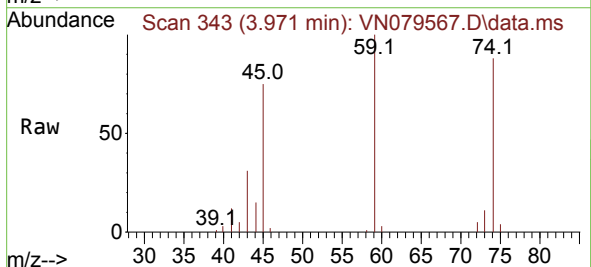
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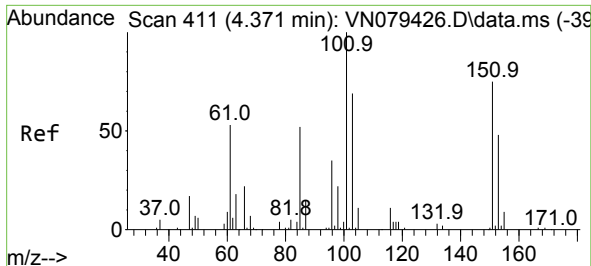
Tgt Ion:101 Resp: 109906
Ion Ratio Lower Upper
101 100
103 68.0 50.7 76.1



#8
Diethyl Ether
Concen: 19.611 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.006 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 74 Resp: 38928
Ion Ratio Lower Upper
74 100
45 98.0 34.4 103.3

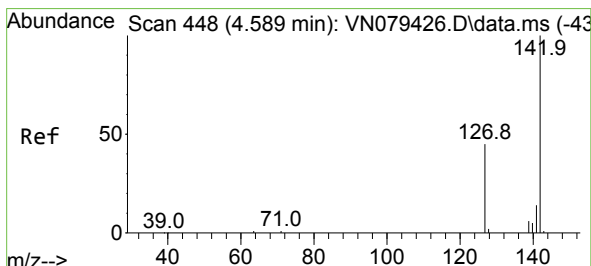
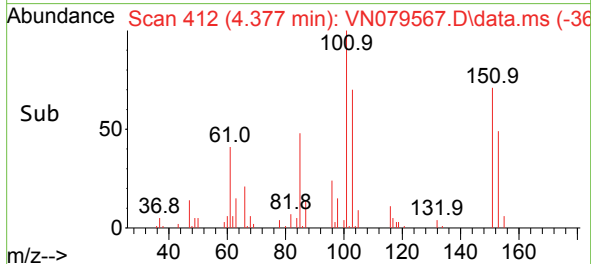
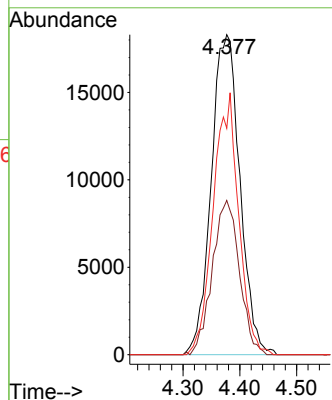
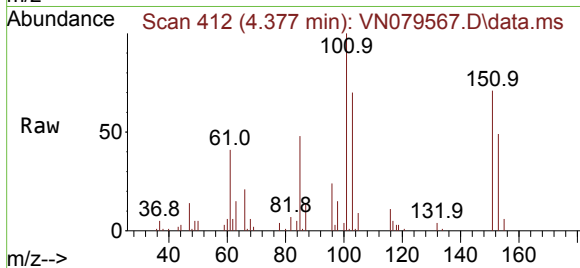




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.697 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

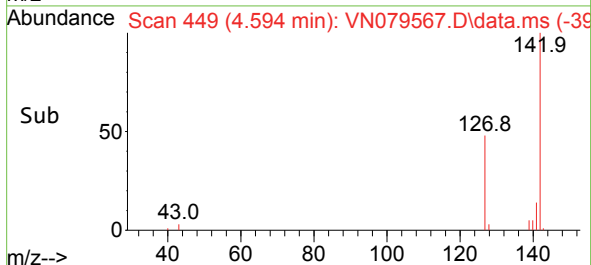
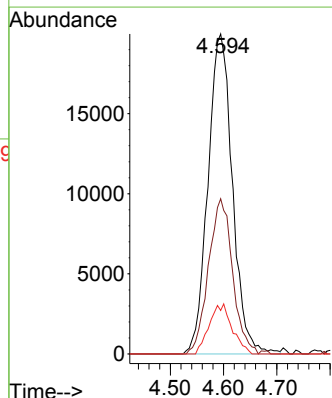
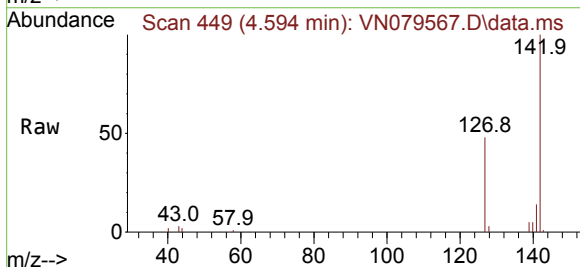
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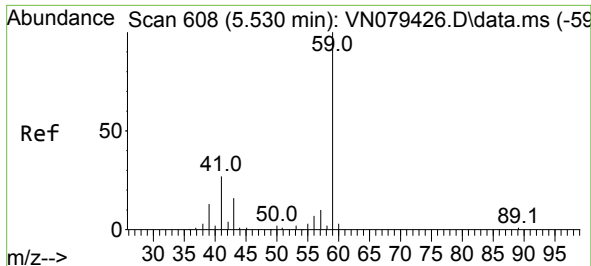
Tgt Ion:101 Resp: 64091
Ion Ratio Lower Upper
101 100
85 45.7 36.6 55.0
151 72.5 57.6 86.4



#10
Methyl Iodide
Concen: 22.573 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.005 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

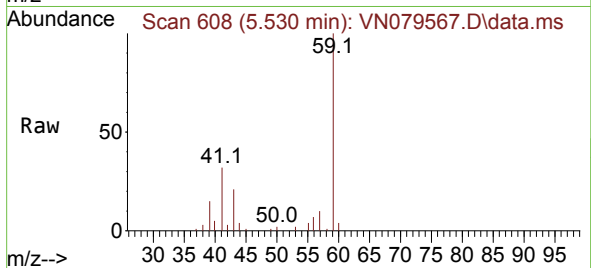
Tgt Ion:142 Resp: 63735
Ion Ratio Lower Upper
142 100
127 48.5 37.6 56.4
141 13.6 11.4 17.0



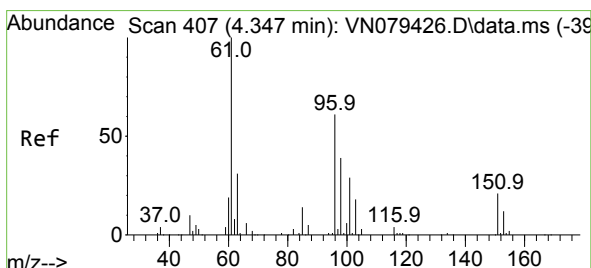
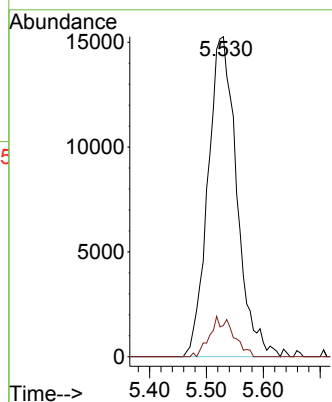
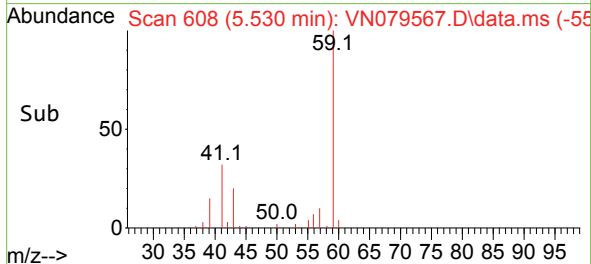


#11
Tert butyl alcohol
Concen: 86.863 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

Instrument :
MSVOA_N
ClientSampleId :

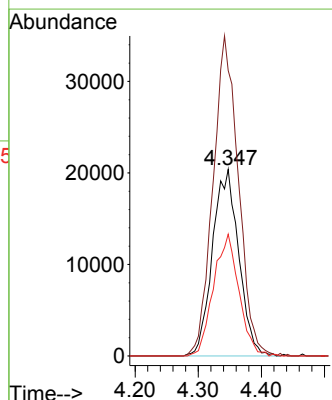
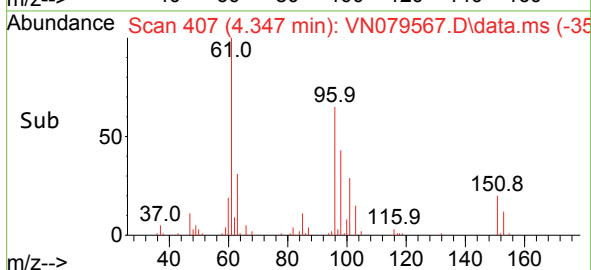
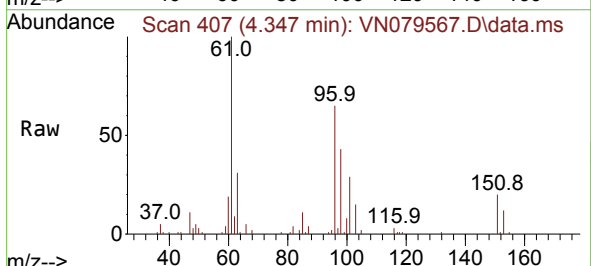


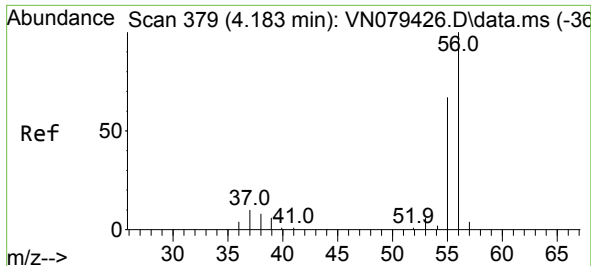
Tgt Ion: 59 Resp: 53752
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4



#12
1,1-Dichloroethene
Concen: 19.616 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 96 Resp: 58770
Ion Ratio Lower Upper
96 100
61 153.0 112.7 169.1
98 65.3 51.2 76.8

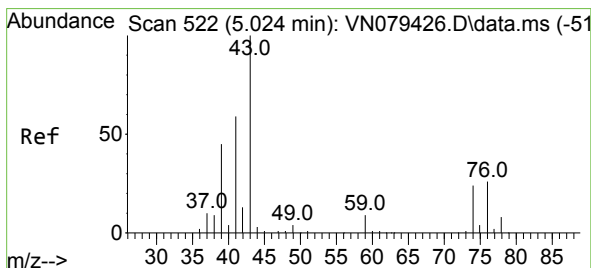
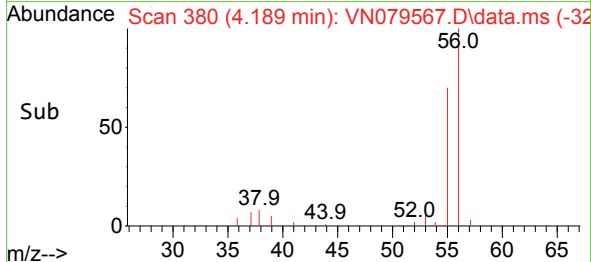
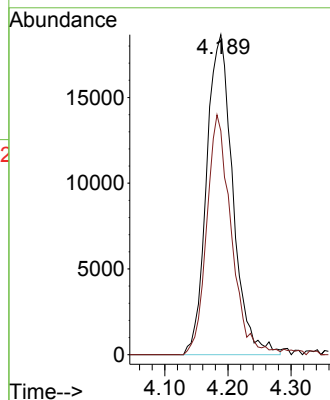
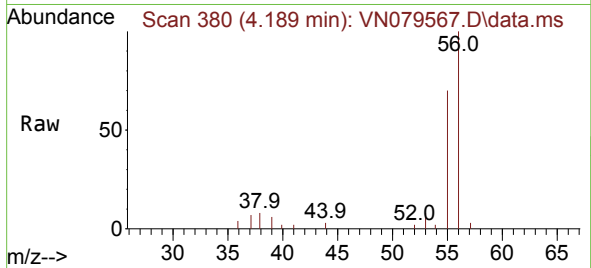




#13
Acrolein
Concen: 87.273 ug/l
RT: 4.189 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

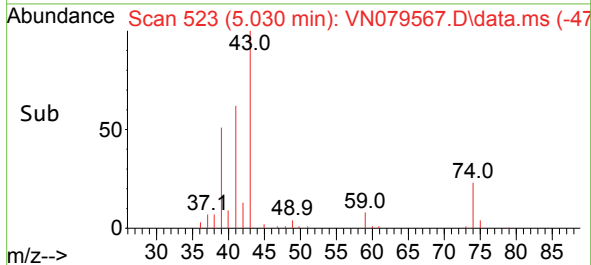
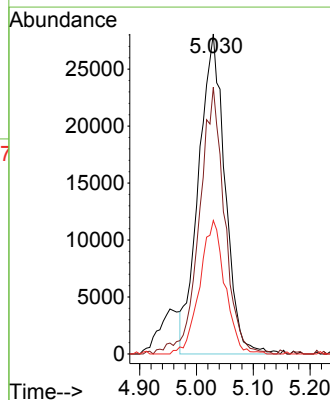
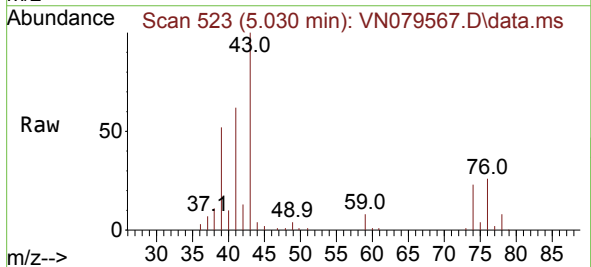
Instrument :
MSVOA_N
ClientSampleId :

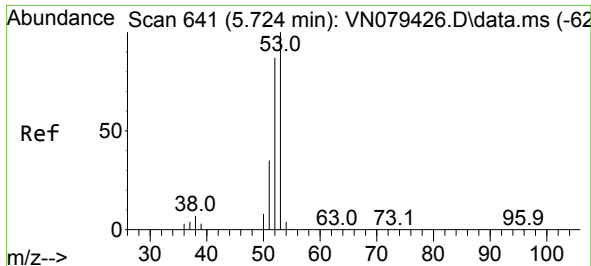
Tgt Ion: 56 Resp: 53775
Ion Ratio Lower Upper
56 100
55 70.2 54.5 81.7



#14
Allyl chloride
Concen: 18.770 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

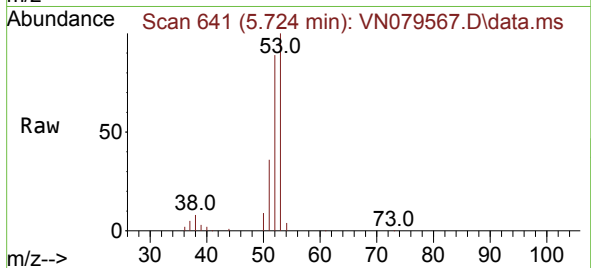
Tgt Ion: 41 Resp: 90750
Ion Ratio Lower Upper
41 100
39 79.6 58.8 88.2
76 39.9 39.1 58.7



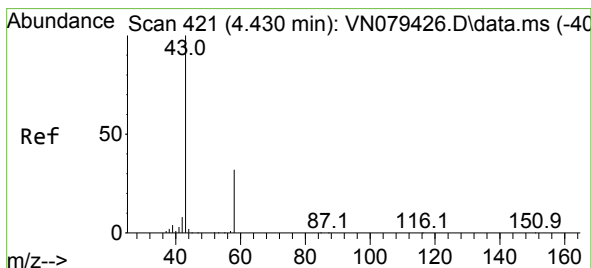
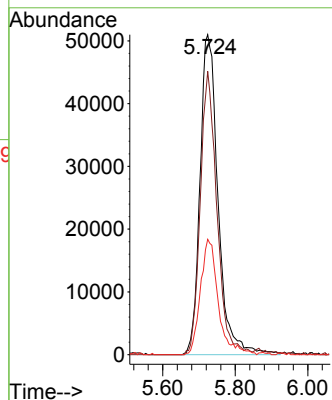
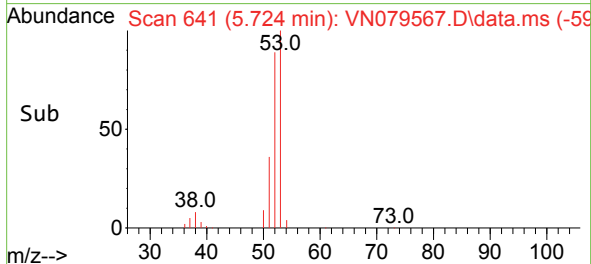


#15
Acrylonitrile
Concen: 98.260 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

Instrument :
MSVOA_N
ClientSampleId :

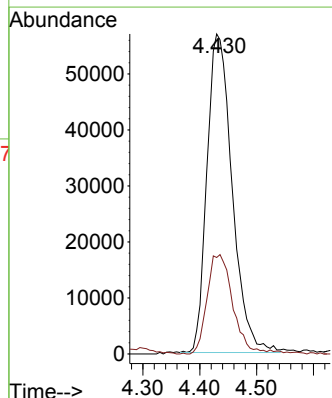
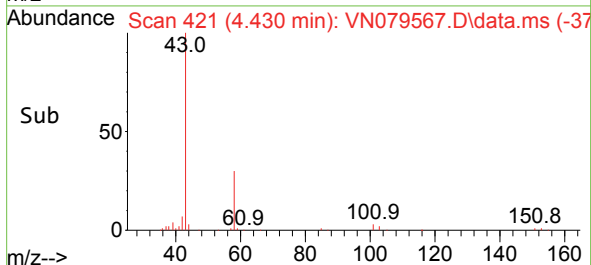
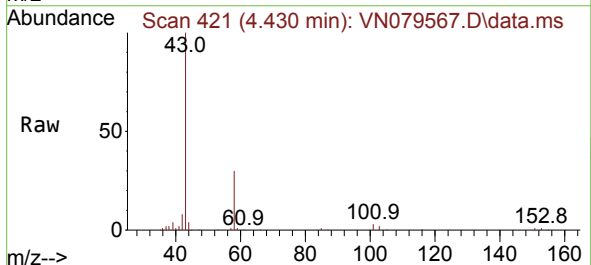


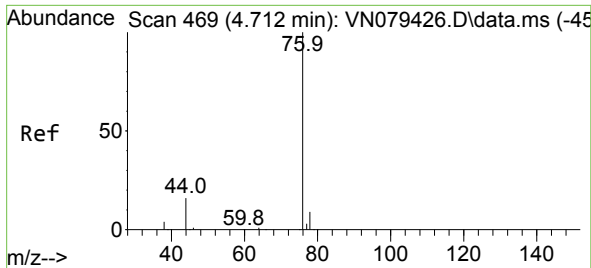
Tgt Ion: 53 Resp: 176284
Ion Ratio Lower Upper
53 100
52 81.5 65.3 97.9
51 35.6 28.9 43.3



#16
Acetone
Concen: 107.143 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 43 Resp: 174725
Ion Ratio Lower Upper
43 100
58 30.3 28.0 42.0

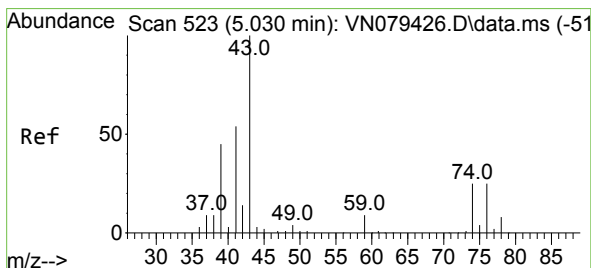
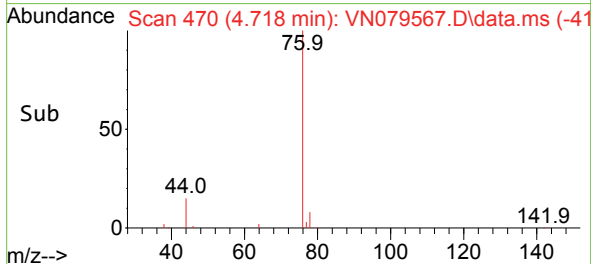
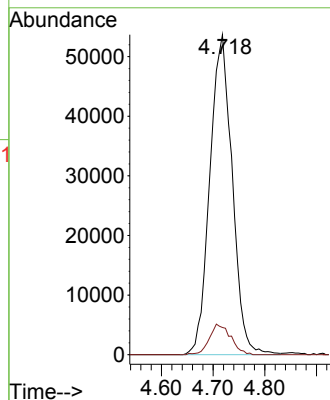
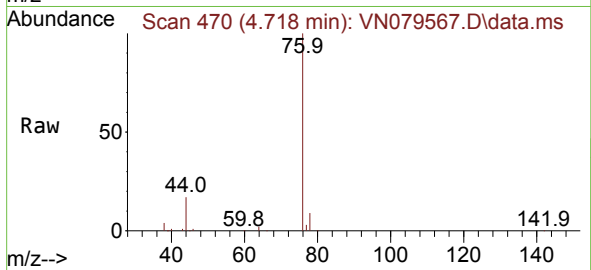




#17
Carbon Disulfide
Concen: 17.270 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

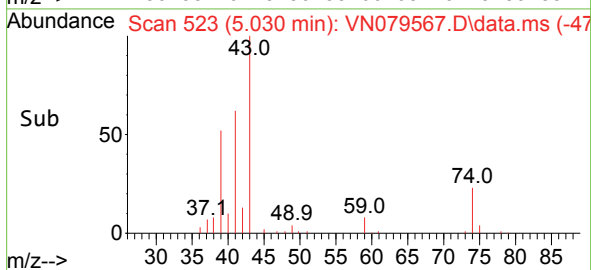
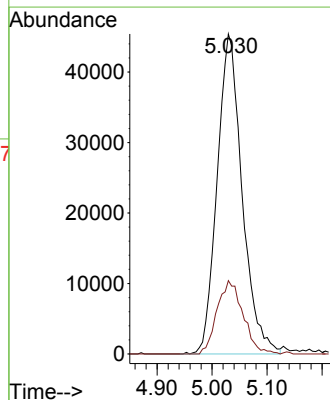
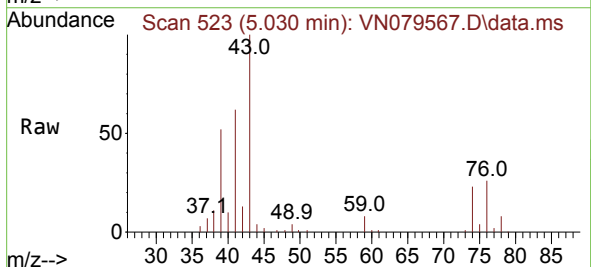
Instrument :
MSVOA_N
ClientSampleId :

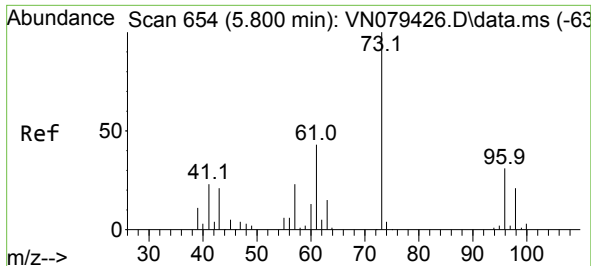
Tgt Ion: 76 Resp: 161395
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



#18
Methyl Acetate
Concen: 17.957 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 43 Resp: 143328
Ion Ratio Lower Upper
43 100
74 23.8 26.2 39.4#

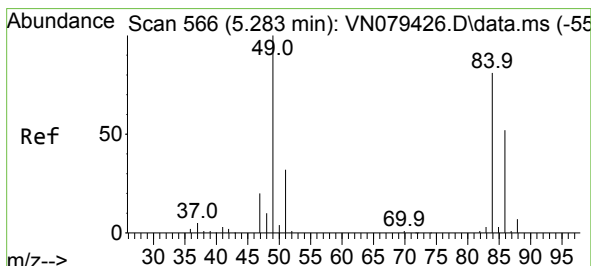
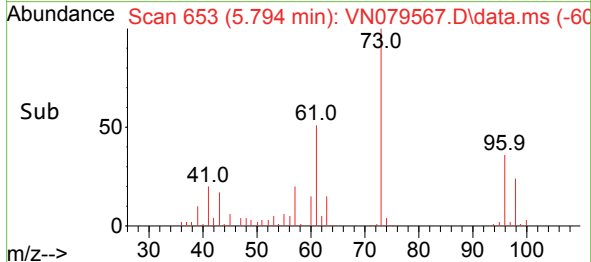
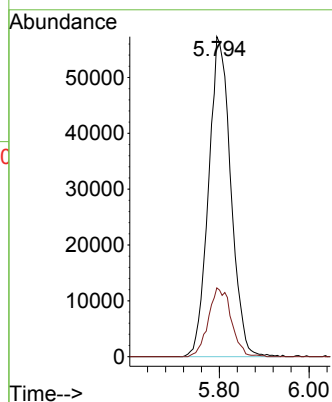
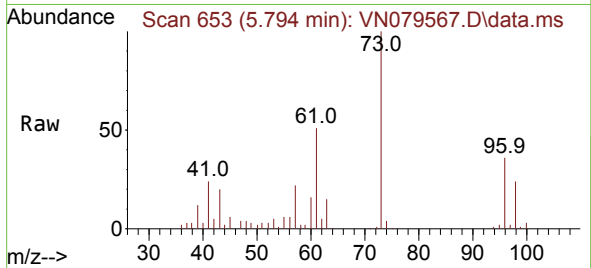




#19
Methyl tert-butyl Ether
Concen: 20.246 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

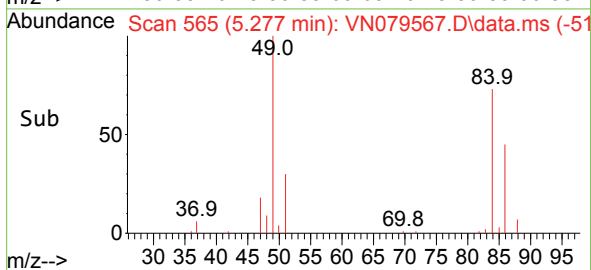
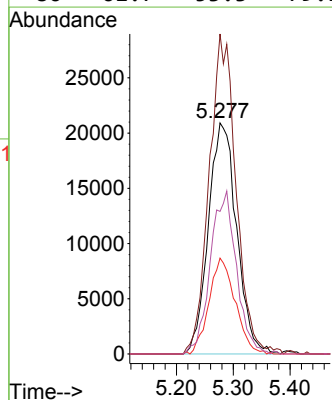
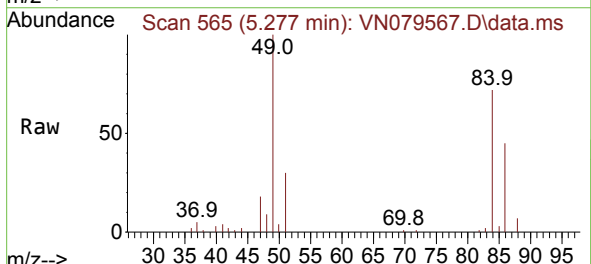
Instrument :
MSVOA_N
ClientSampleId :

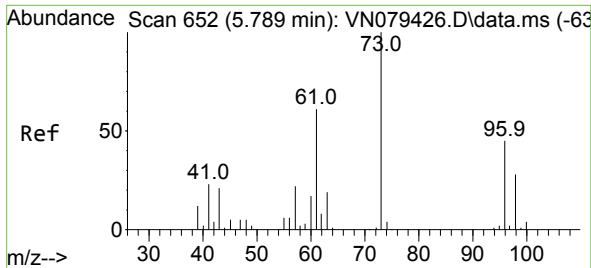
Tgt Ion: 73 Resp: 197090
Ion Ratio Lower Upper
73 100
57 21.5 15.6 23.4



#20
Methylene Chloride
Concen: 19.906 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 84 Resp: 72379
Ion Ratio Lower Upper
84 100
49 138.5 79.7 119.5#
51 41.5 25.2 37.8#
86 61.7 53.3 79.9

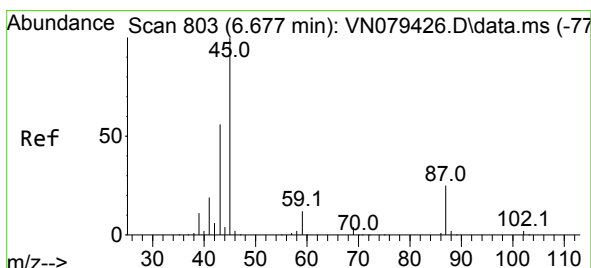
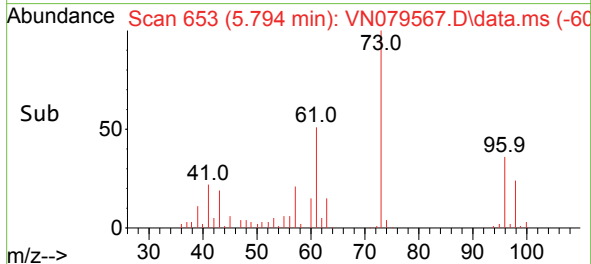
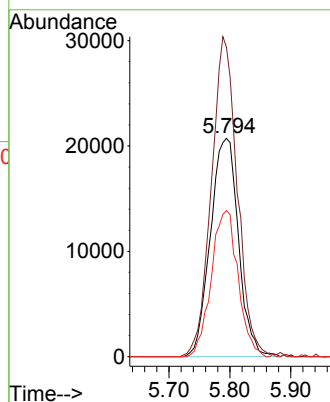
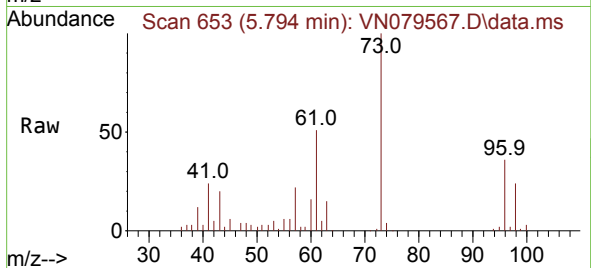




#21
trans-1,2-Dichloroethene
Concen: 18.924 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

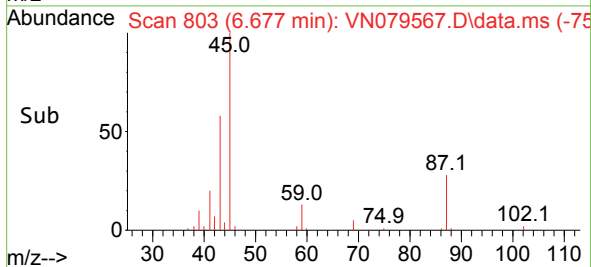
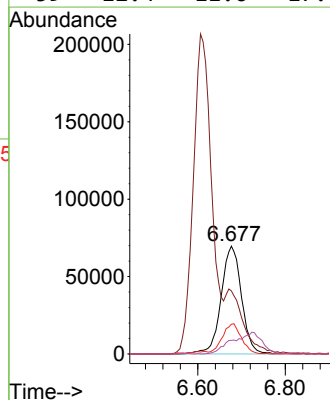
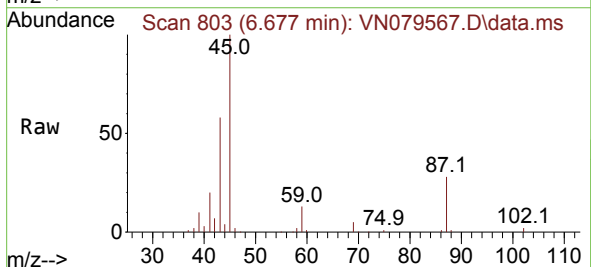
Instrument :
MSVOA_N
ClientSampleId :

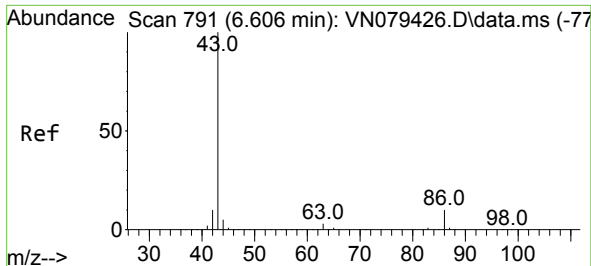
Tgt Ion: 96 Resp: 66220
Ion Ratio Lower Upper
96 100
61 141.8 90.1 135.1#
98 66.9 46.4 69.6



#22
Diisopropyl ether
Concen: 20.776 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 45 Resp: 225239
Ion Ratio Lower Upper
45 100
43 57.2 45.5 68.3
87 27.6 31.8 47.8#
59 12.4 11.6 17.4

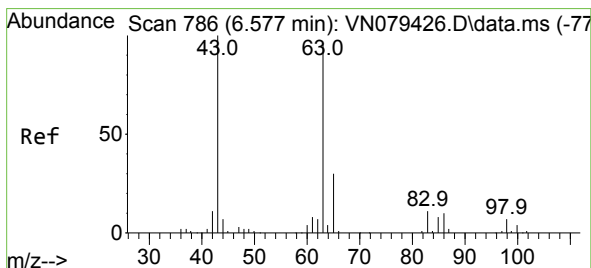
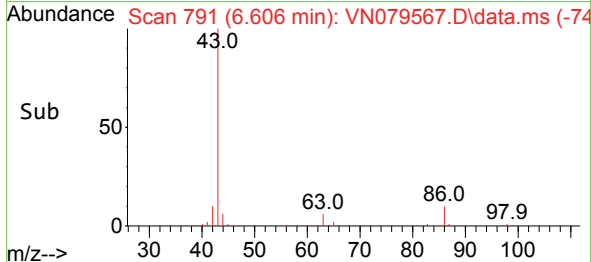
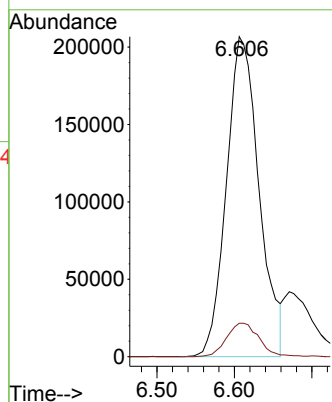
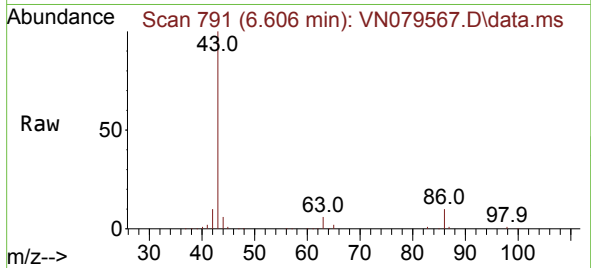




#23
 Vinyl Acetate
 Concen: 99.425 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079567.D
 Acq: 13 Oct 2023 13:01

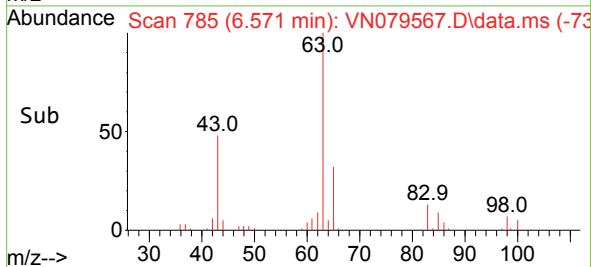
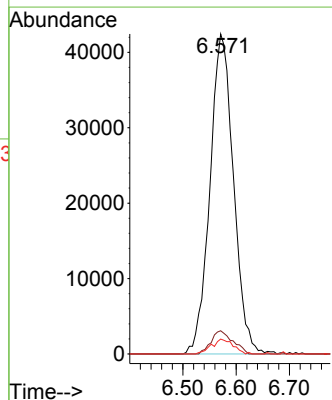
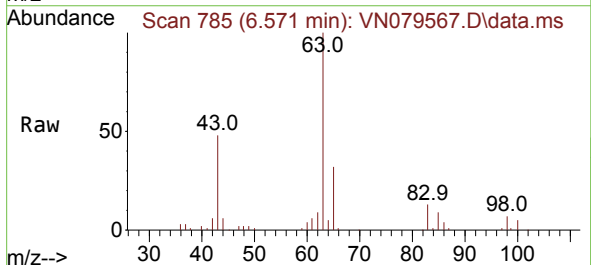
Instrument :
 MSVOA_N
 ClientSampleId :

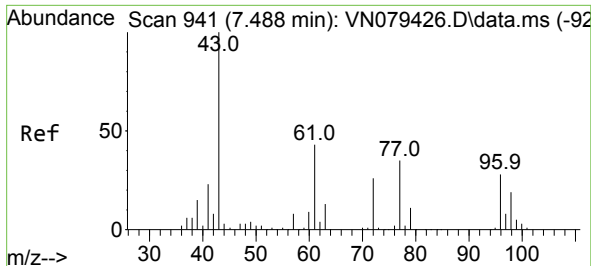
Tgt Ion: 43 Resp: 606322
 Ion Ratio Lower Upper
 43 100
 86 10.5 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 19.652 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079567.D
 Acq: 13 Oct 2023 13:01

Tgt Ion: 63 Resp: 130393
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 4.7 2.5 7.4

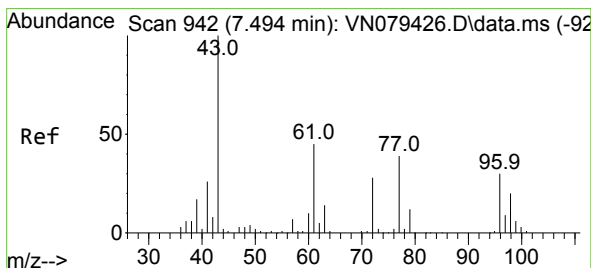
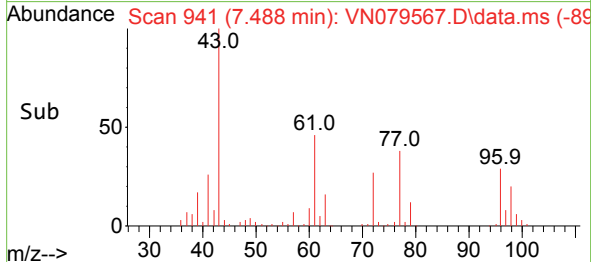
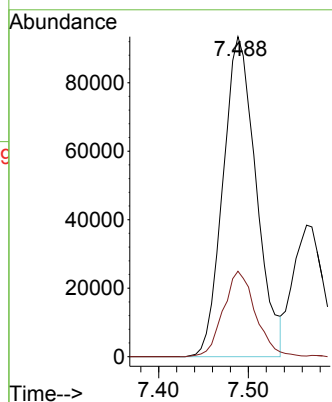
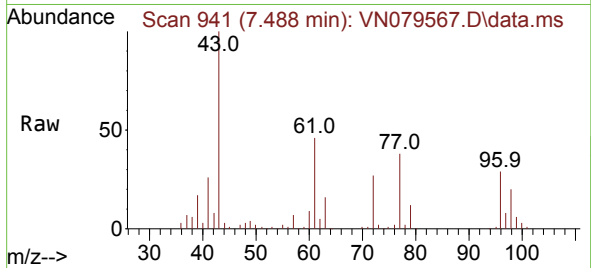




#25
2-Butanone
Concen: 98.956 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

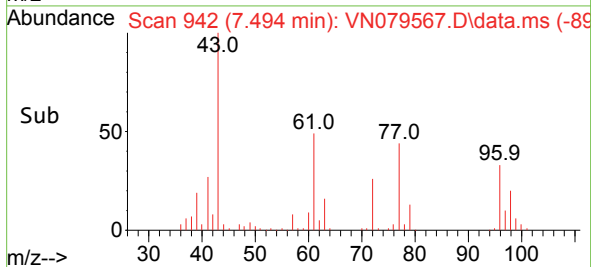
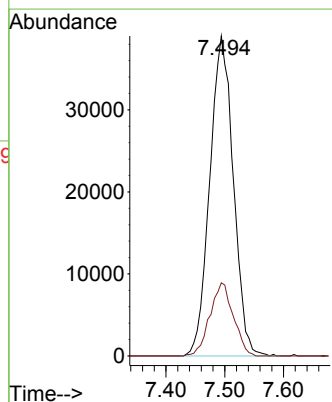
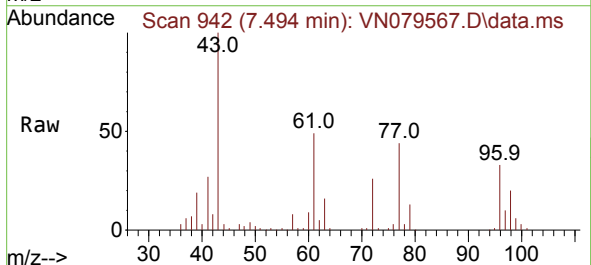
Instrument :
MSVOA_N
ClientSampleId :

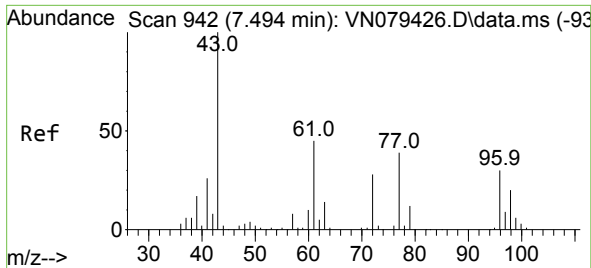
Tgt Ion: 43 Resp: 239513
Ion Ratio Lower Upper
43 100
72 26.7 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 21.433 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

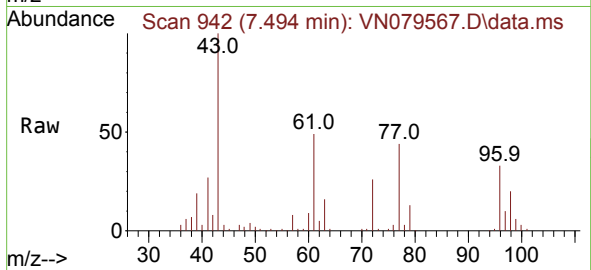
Tgt Ion: 77 Resp: 108681
Ion Ratio Lower Upper
77 100
97 22.7 11.2 33.6



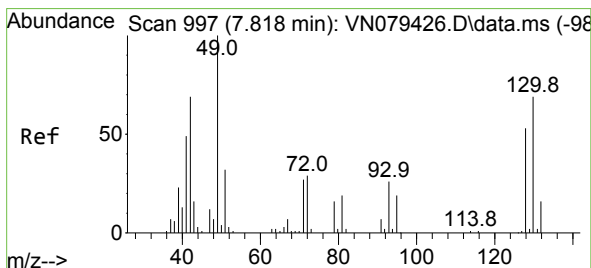
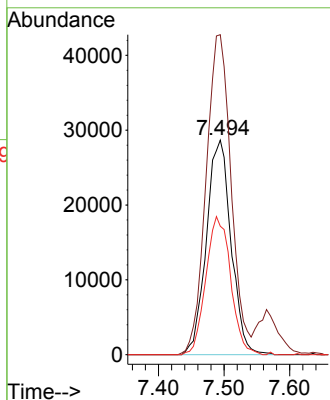
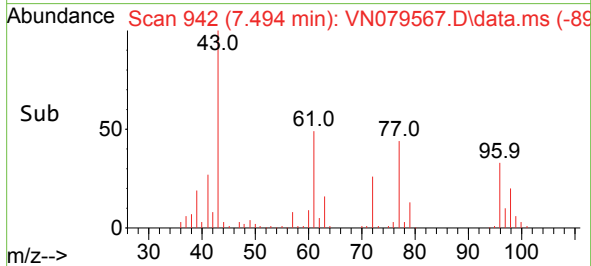


#27
 cis-1,2-Dichloroethene
 Concen: 19.772 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. -0.000 min
 Lab File: VN079567.D
 Acq: 13 Oct 2023 13:01

Instrument :
 MSVOA_N
 ClientSampleId :

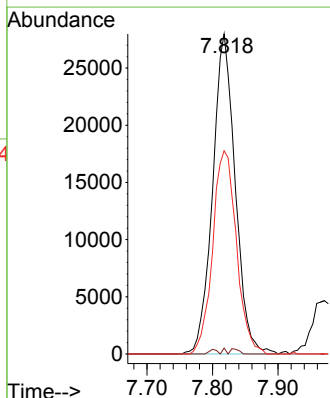
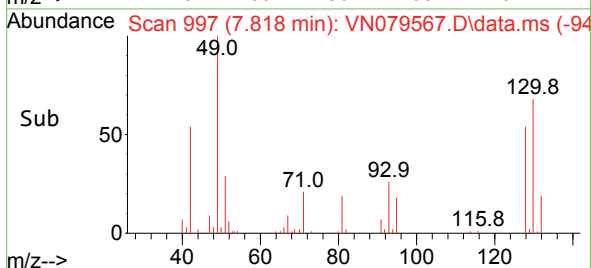
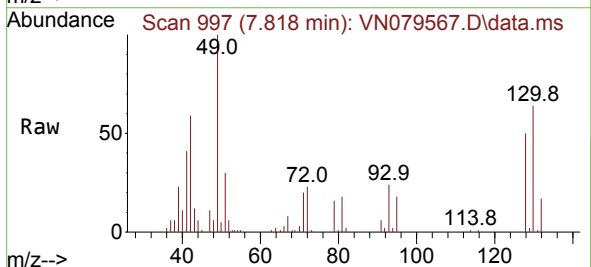


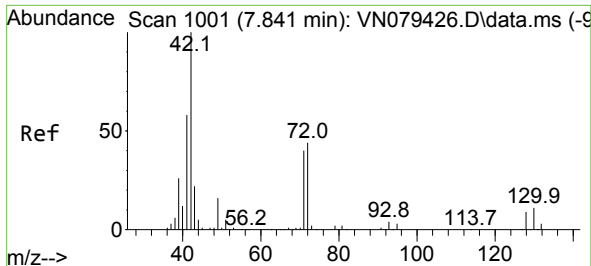
Tgt Ion: 96 Resp: 75161
 Ion Ratio Lower Upper
 96 100
 61 150.8 0.0 255.2
 98 64.4 0.0 128.8



#28
 Bromochloromethane
 Concen: 21.191 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN079567.D
 Acq: 13 Oct 2023 13:01

Tgt Ion: 49 Resp: 66900
 Ion Ratio Lower Upper
 49 100
 129 0.3 0.0 4.8
 130 66.8 75.3 112.9#





#29

Tetrahydrofuran

Concen: 97.278 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079567.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_N

ClientSampleId :

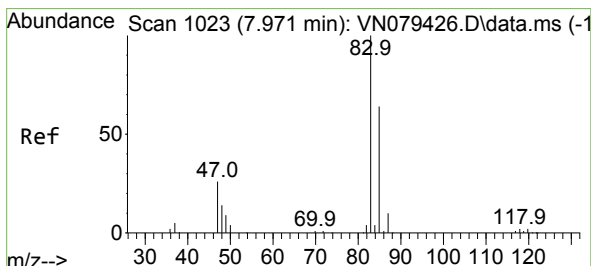
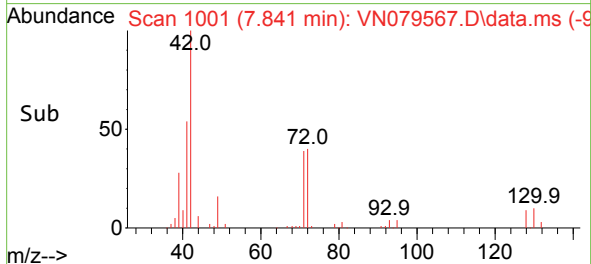
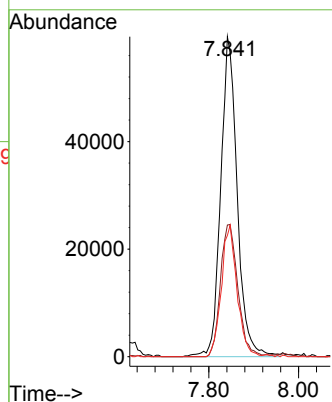
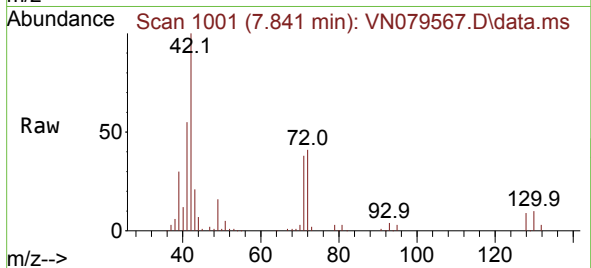
Tgt Ion: 42 Resp: 152278

Ion Ratio Lower Upper

42 100

72 43.6 49.8 74.6#

71 39.1 47.4 71.2#



#30

Chloroform

Concen: 20.308 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN079567.D

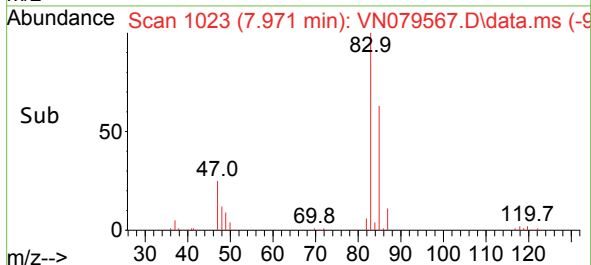
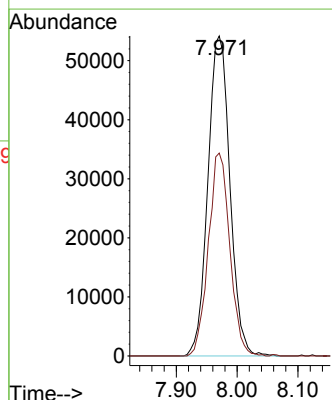
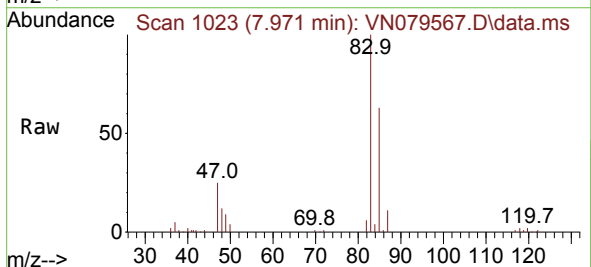
Acq: 13 Oct 2023 13:01

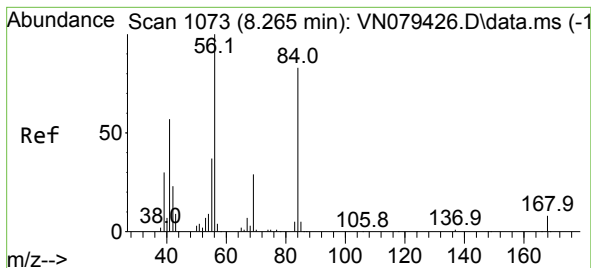
Tgt Ion: 83 Resp: 136144

Ion Ratio Lower Upper

83 100

85 63.4 55.4 83.0





#31

Cyclohexane

Concen: 18.178 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

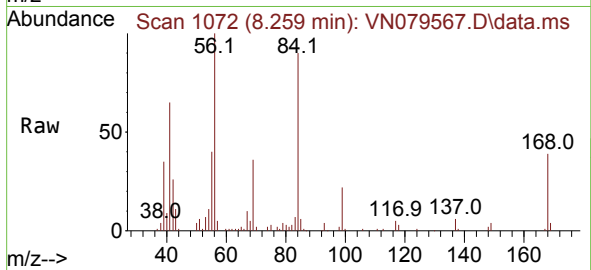
Lab File: VN079567.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_N

ClientSampleId :



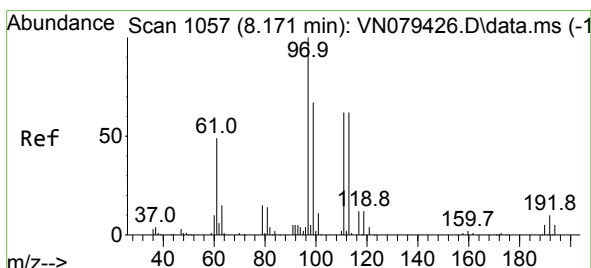
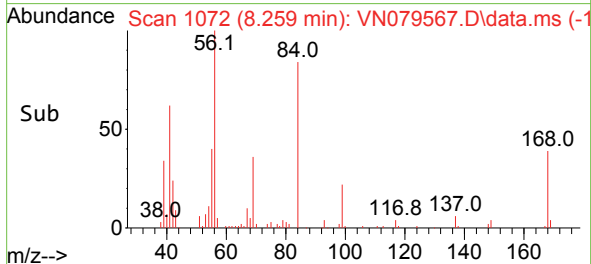
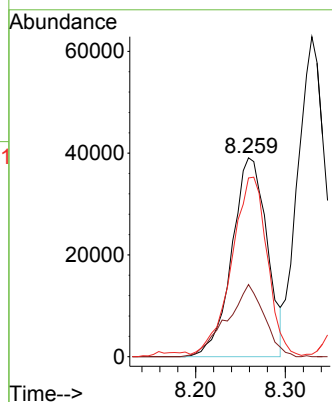
Tgt Ion: 56 Resp: 106017

Ion Ratio Lower Upper

56 100

69 36.3 26.8 40.2

84 87.9 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 20.444 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079567.D

Acq: 13 Oct 2023 13:01

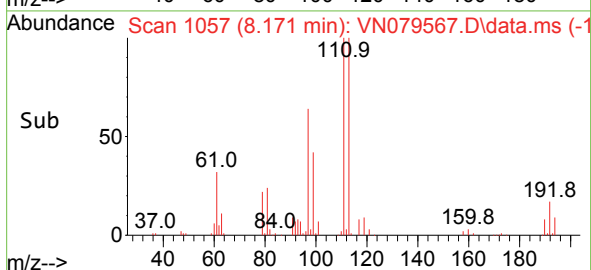
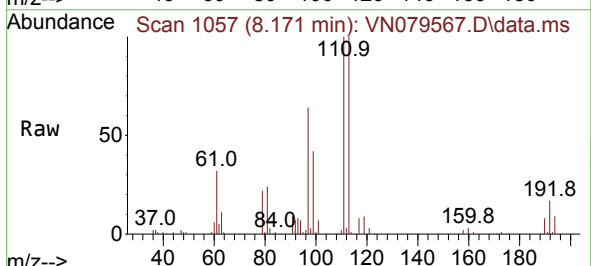
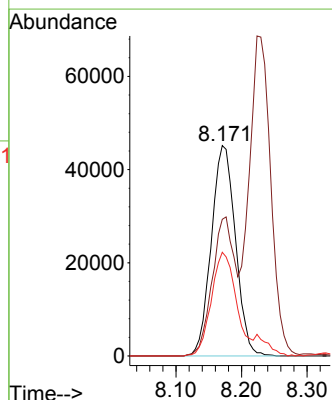
Tgt Ion: 97 Resp: 115341

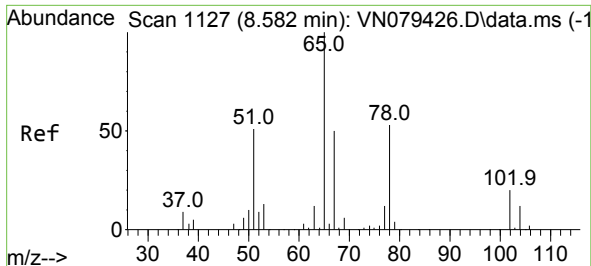
Ion Ratio Lower Upper

97 100

99 61.2 50.3 75.5

61 51.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.065 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079567.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_N

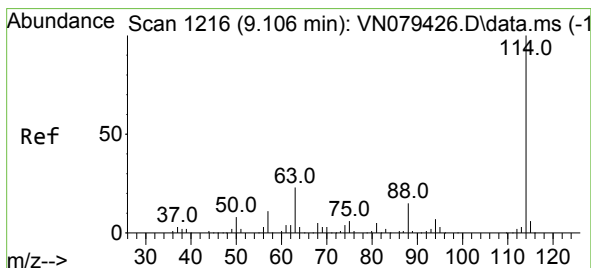
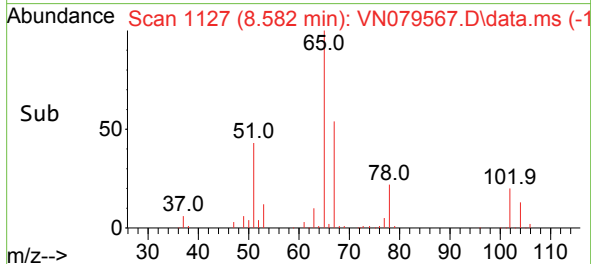
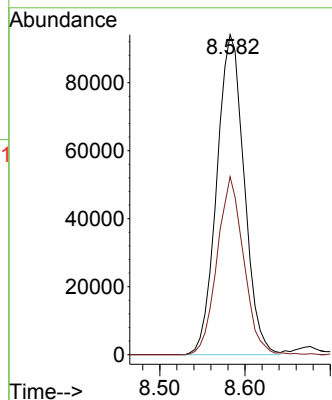
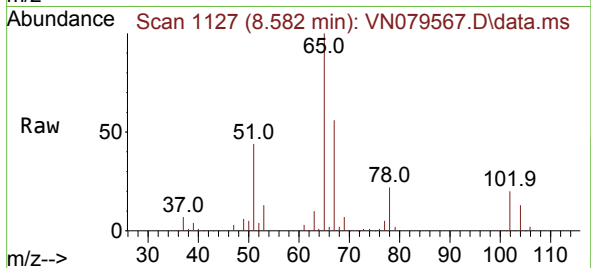
ClientSampleId :

Tgt Ion: 65 Resp: 209956

Ion Ratio Lower Upper

65 100

67 54.0 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN079567.D

Acq: 13 Oct 2023 13:01

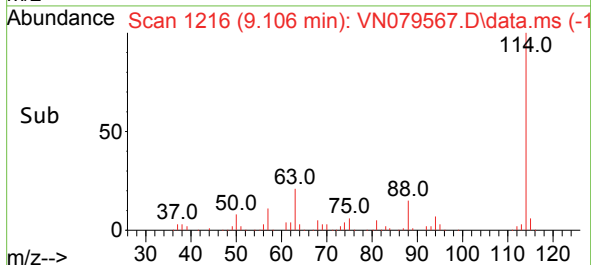
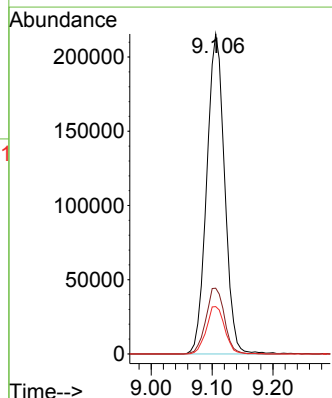
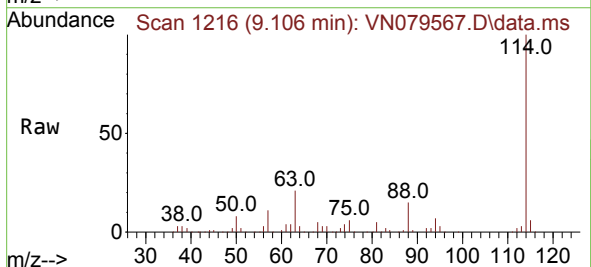
Tgt Ion: 114 Resp: 439766

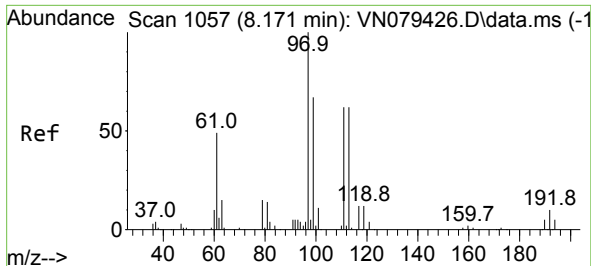
Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.4

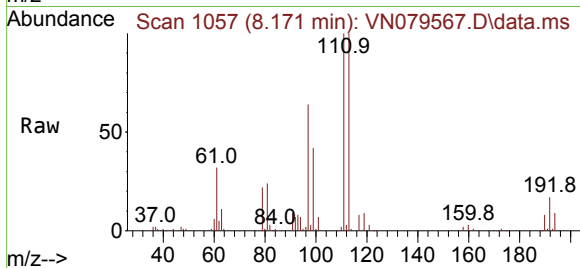
88 14.8 0.0 30.6



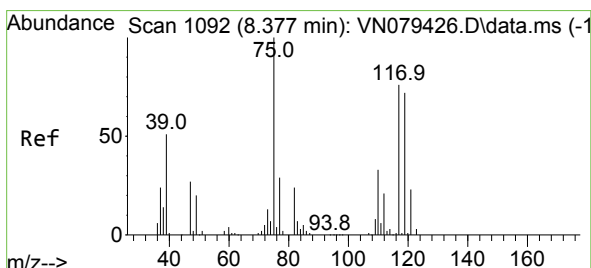
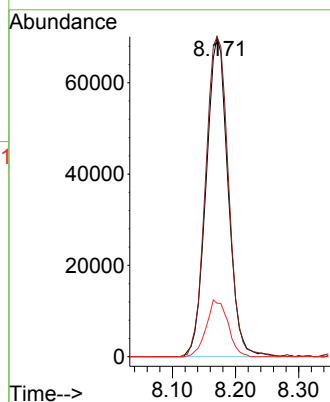
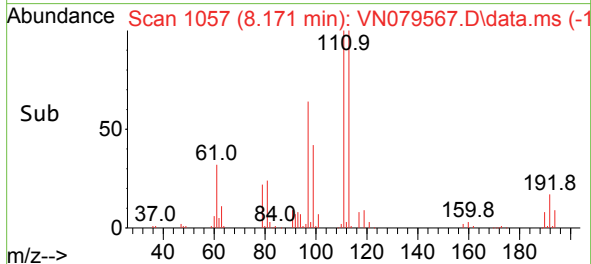


#35
Dibromofluoromethane
Concen: 53.335 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

Instrument :
MSVOA_N
ClientSampleId :

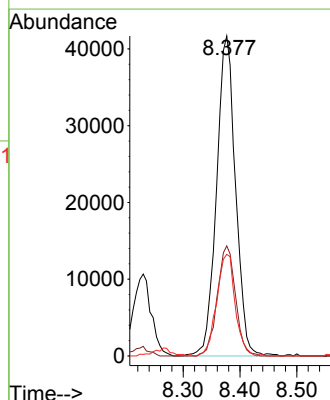
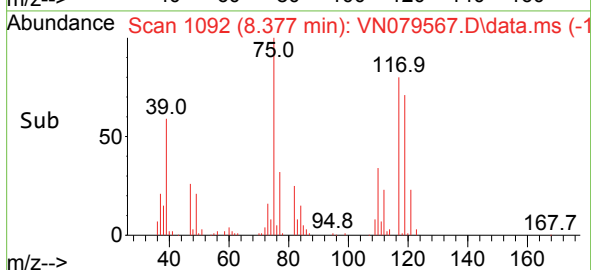
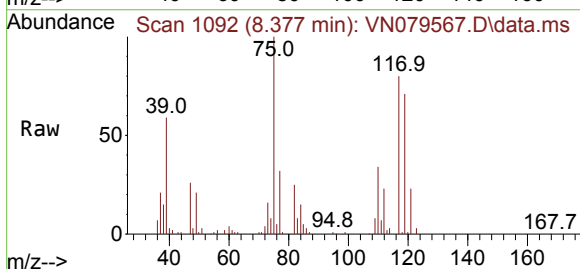


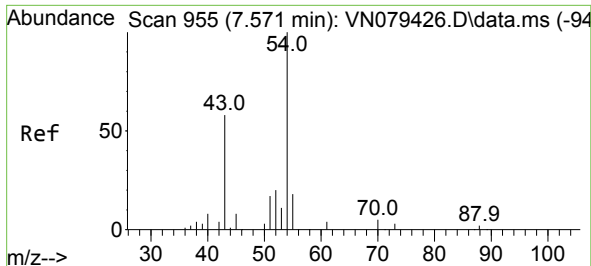
Tgt Ion:113 Resp: 168555
Ion Ratio Lower Upper
113 100
111 104.8 82.6 123.8
192 17.6 12.7 19.1



#36
1,1-Dichloropropene
Concen: 20.427 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 75 Resp: 96887
Ion Ratio Lower Upper
75 100
110 32.9 19.1 57.3
77 30.9 25.0 37.4





#37

Ethyl Acetate

Concen: 20.155 ug/l

RT: 7.565 min Scan# 954

Delta R.T. -0.006 min

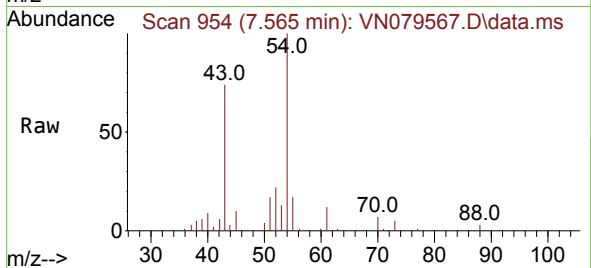
Lab File: VN079567.D

Acq: 13 Oct 2023 13:01

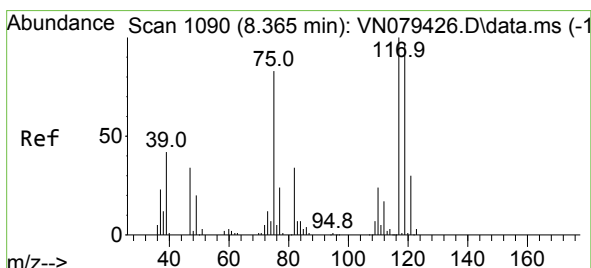
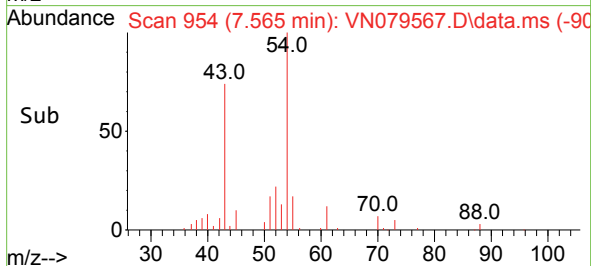
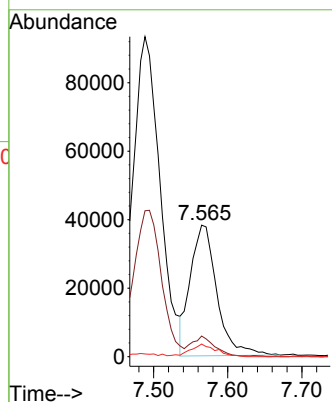
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	43	Resp:	95123
Ion	Ratio	Lower	Upper
43	100		
61	12.9	13.2	19.8#
70	9.2	11.3	16.9#



#38

Carbon Tetrachloride

Concen: 20.682 ug/l

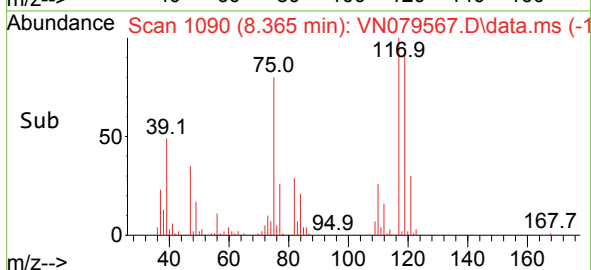
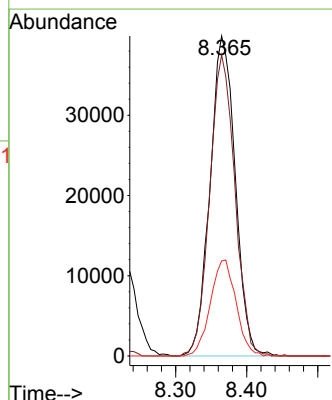
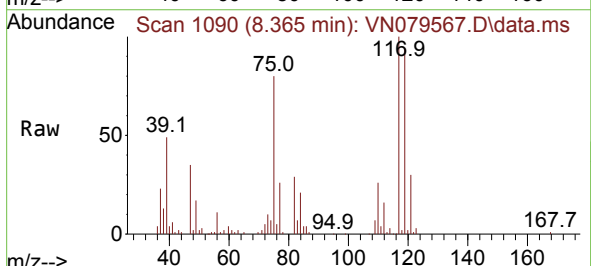
RT: 8.365 min Scan# 1090

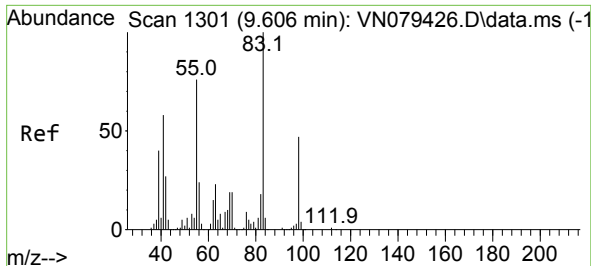
Delta R.T. -0.000 min

Lab File: VN079567.D

Acq: 13 Oct 2023 13:01

Tgt Ion:	117	Resp:	98206
Ion	Ratio	Lower	Upper
117	100		
119	94.1	77.3	115.9
121	29.7	23.3	34.9





#39

Methylcyclohexane

Concen: 19.172 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN079567.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_N

ClientSampleId :

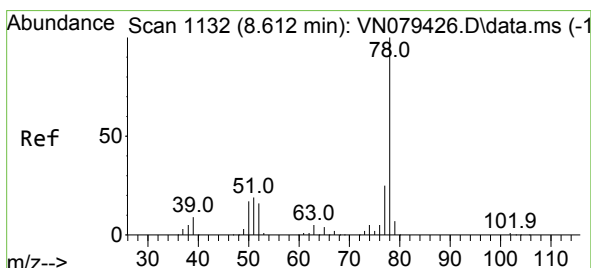
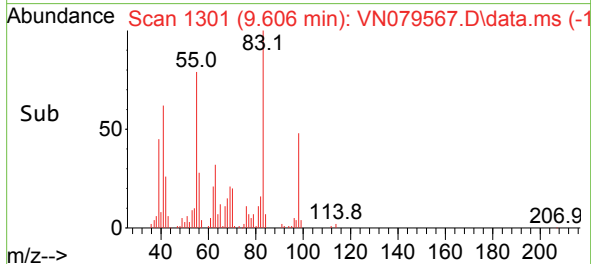
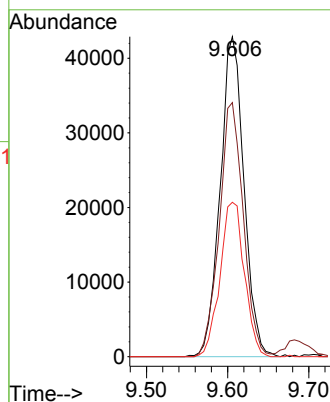
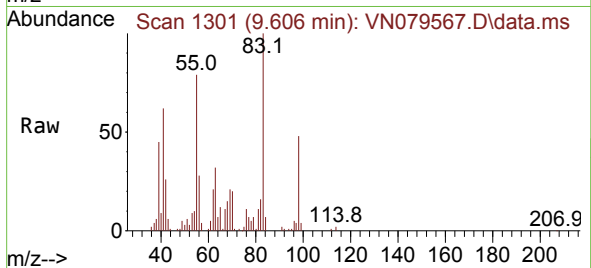
Tgt Ion: 83 Resp: 87367

Ion Ratio Lower Upper

83 100

55 79.4 49.1 73.7#

98 48.2 40.6 61.0



#40

Benzene

Concen: 20.458 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079567.D

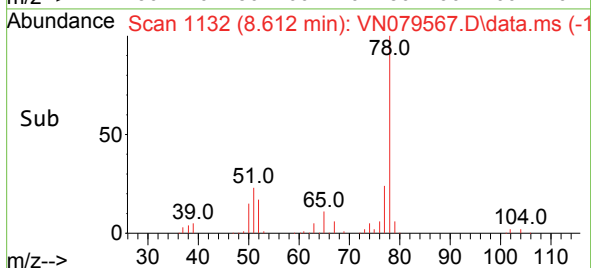
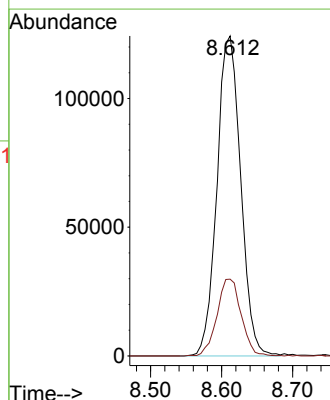
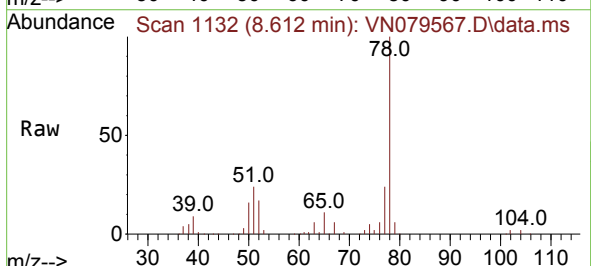
Acq: 13 Oct 2023 13:01

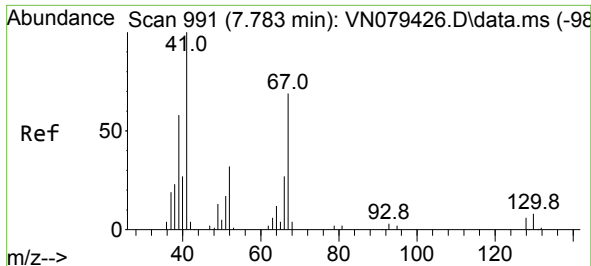
Tgt Ion: 78 Resp: 288187

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.6



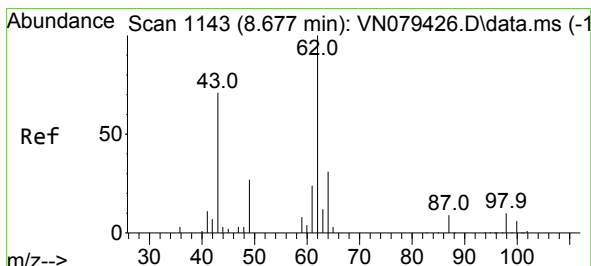
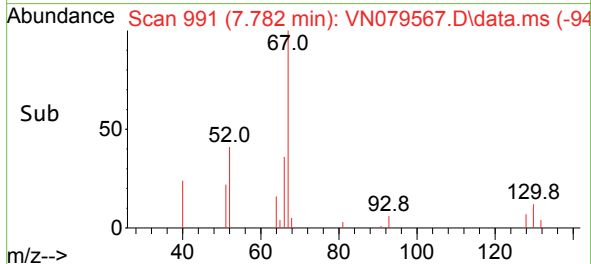
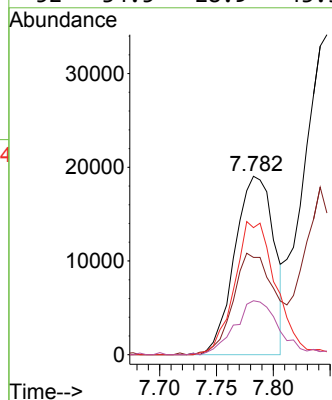
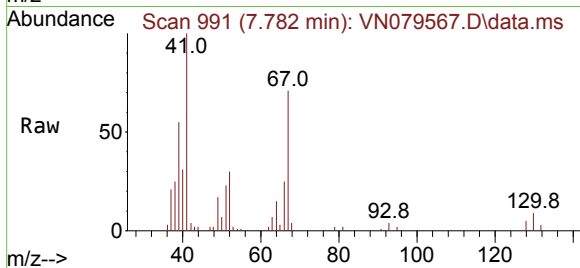


#41
Methacrylonitrile
Concen: 18.447 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 45771

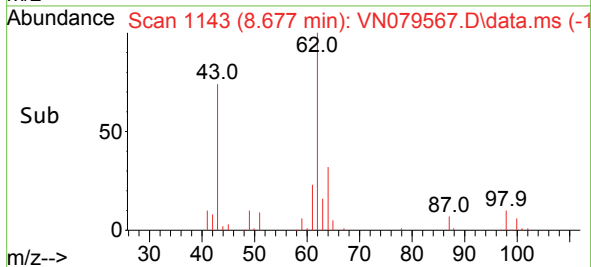
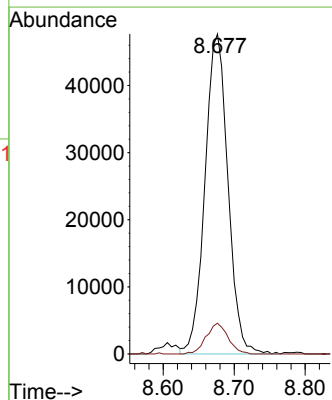
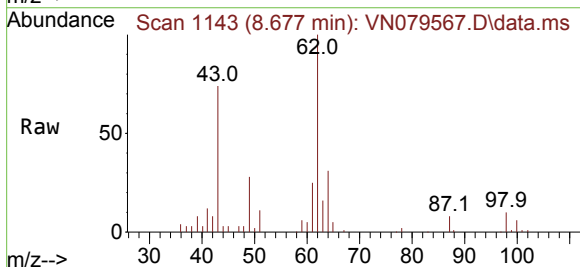
Ion	Ratio	Lower	Upper
41	100		
39	61.2	42.6	64.0
67	78.9	77.5	116.3
52	34.5	28.9	43.3

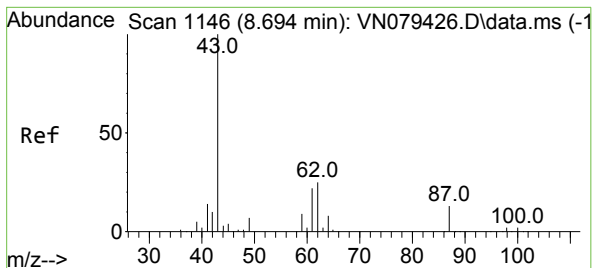


#42
1,2-Dichloroethane
Concen: 20.942 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 62 Resp: 107192

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.8





#43

Isopropyl Acetate

Concen: 20.075 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VN079567.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_N

ClientSampleId :

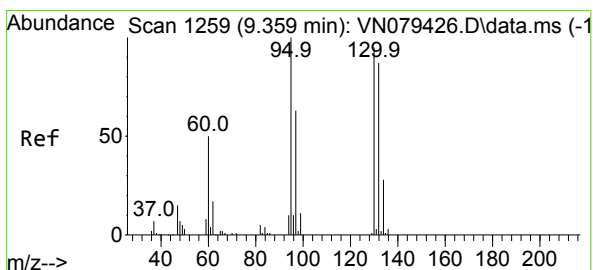
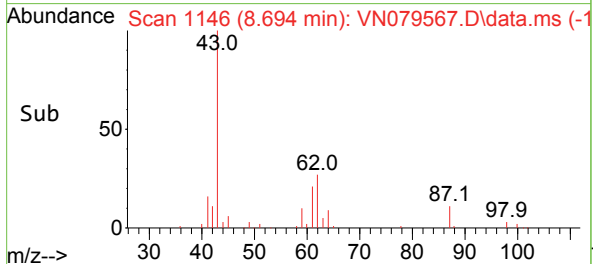
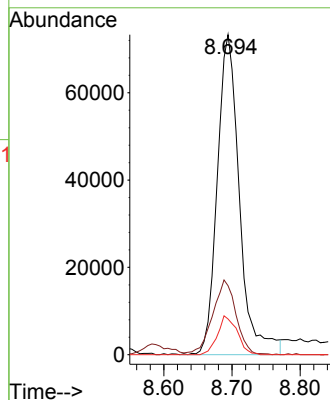
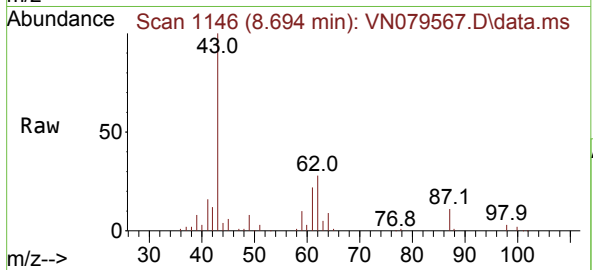
Tgt Ion: 43 Resp: 165992

Ion Ratio Lower Upper

43 100

61 24.7 24.7 37.1

87 10.8 14.6 21.8#



#44

Trichloroethene

Concen: 20.252 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VN079567.D

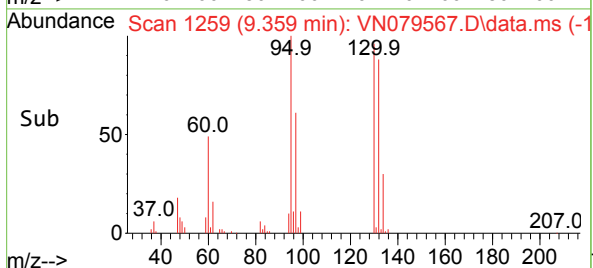
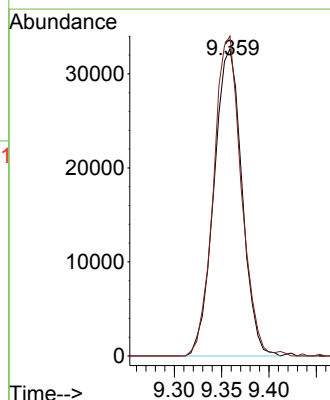
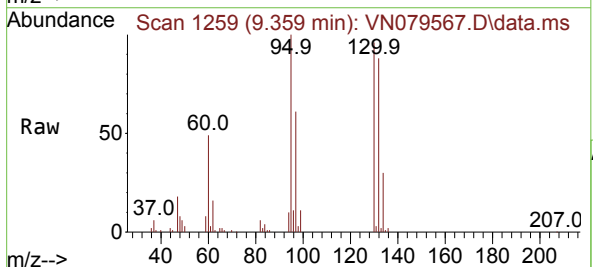
Acq: 13 Oct 2023 13:01

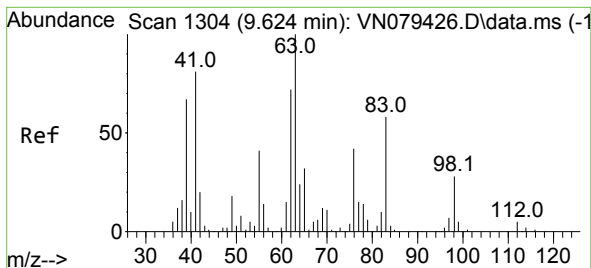
Tgt Ion:130 Resp: 67145

Ion Ratio Lower Upper

130 100

95 104.2 0.0 204.6





#45

1,2-Dichloropropane

Concen: 20.810 ug/l

RT: 9.623 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN079567.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_N

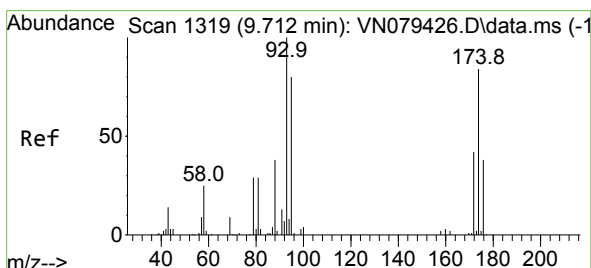
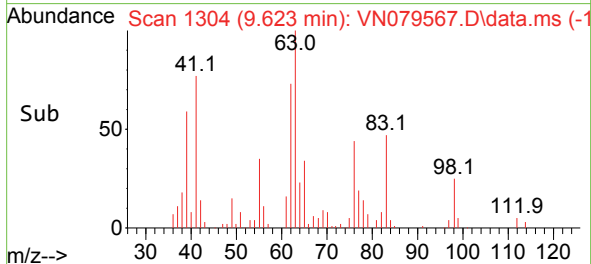
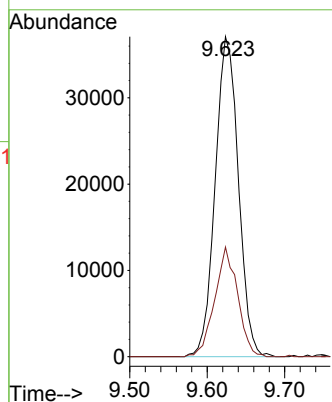
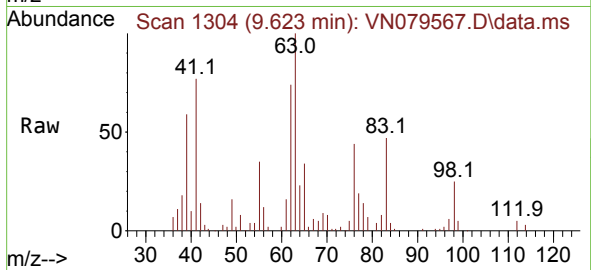
ClientSampleId :

Tgt Ion: 63 Resp: 77236

Ion Ratio Lower Upper

63 100

65 34.2 23.9 35.9



#46

Dibromomethane

Concen: 21.282 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN079567.D

Acq: 13 Oct 2023 13:01

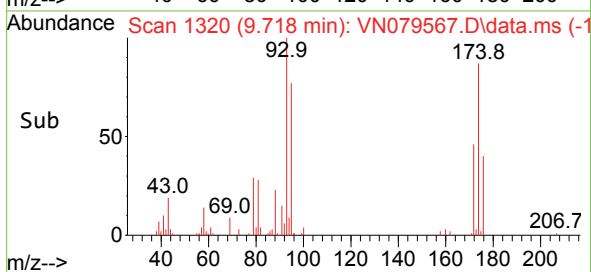
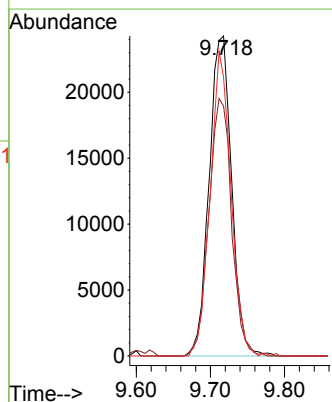
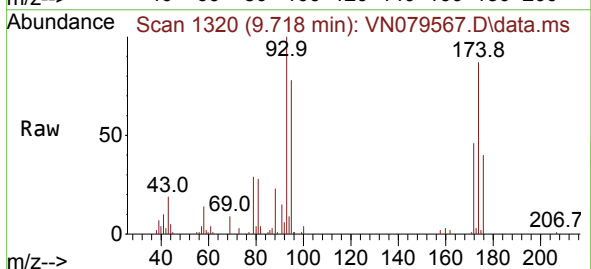
Tgt Ion: 93 Resp: 51157

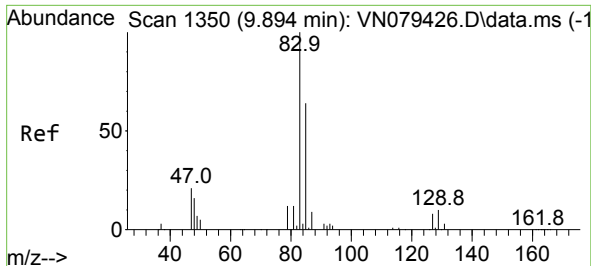
Ion Ratio Lower Upper

93 100

95 81.1 63.8 95.8

174 88.2 65.6 98.4

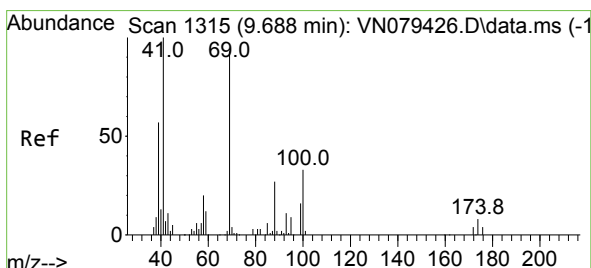
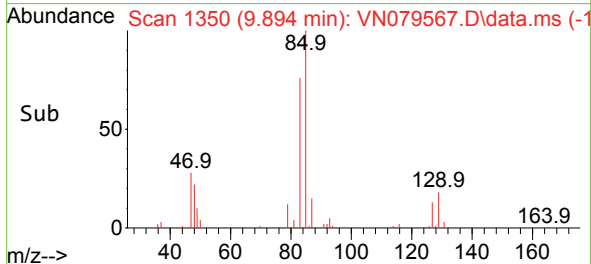
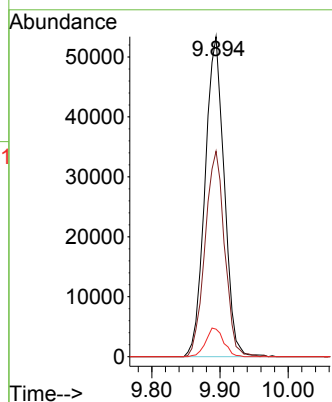
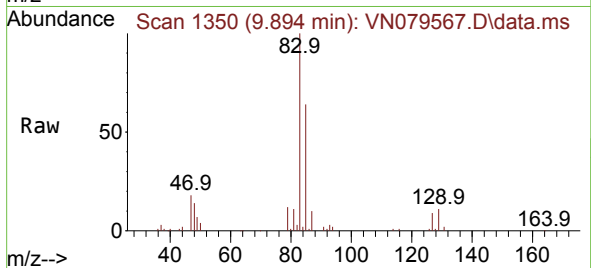




#47
Bromodichloromethane
Concen: 21.097 ug/l
RT: 9.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

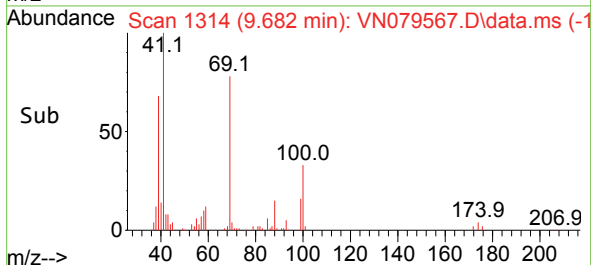
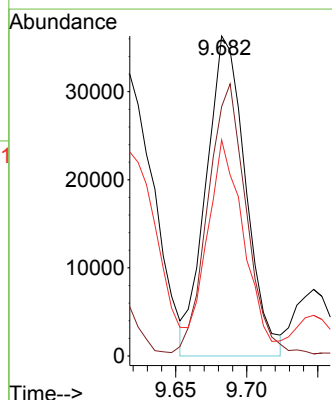
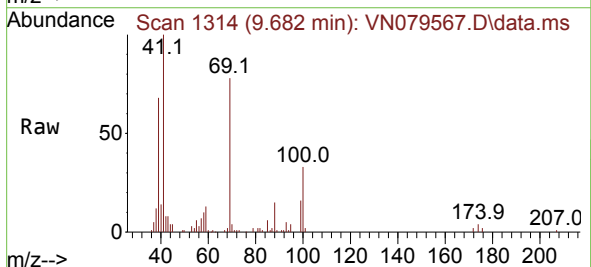
Instrument :
MSVOA_N
ClientSampleId :

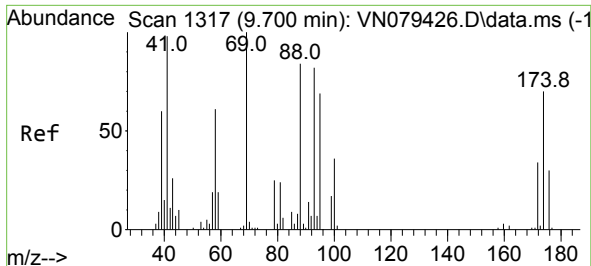
Tgt Ion: 83 Resp: 104318
Ion Ratio Lower Upper
83 100
85 64.2 49.6 74.4
127 8.6 7.0 10.6



#48
Methyl methacrylate
Concen: 19.843 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 41 Resp: 70308
Ion Ratio Lower Upper
41 100
69 84.3 90.4 135.6#
39 62.8 54.6 81.8





#49

1,4-Dioxane

Concen: 437.047 ug/l

RT: 9.700 min Scan# 1

Delta R.T. -0.000 min

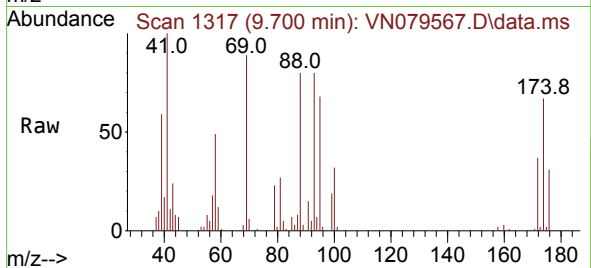
Lab File: VN079567.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_N

ClientSampleId :



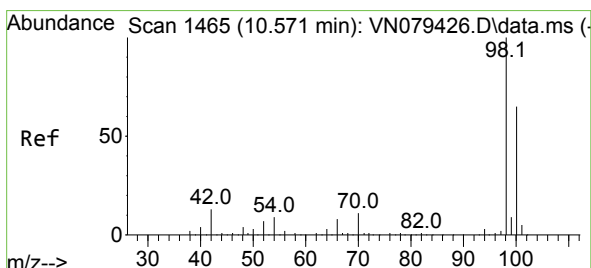
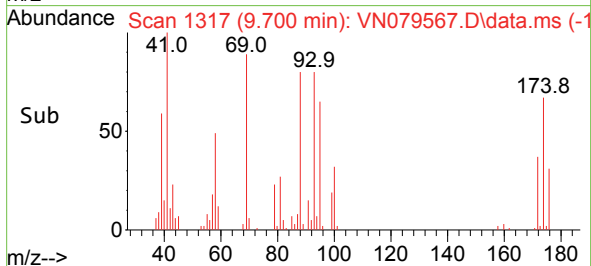
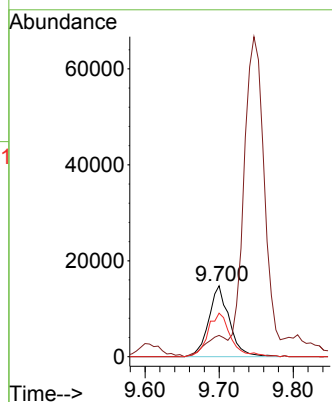
Tgt Ion: 88 Resp: 28524

Ion Ratio Lower Upper

88 100

43 32.2 17.0 25.6#

58 68.4 47.0 70.4



#50

Toluene-d8

Concen: 55.506 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079567.D

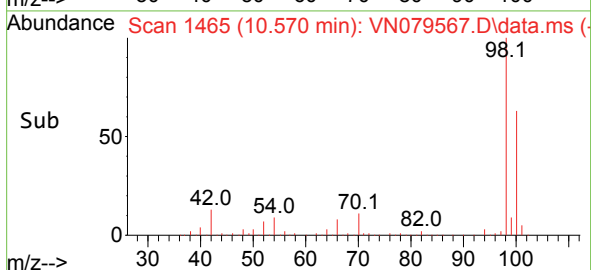
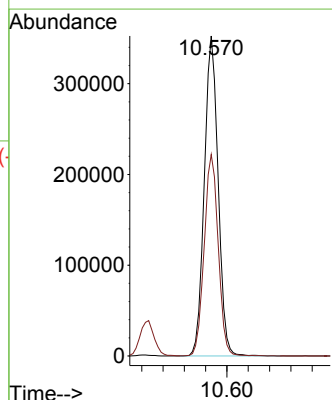
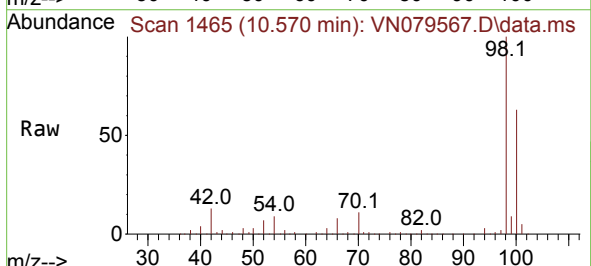
Acq: 13 Oct 2023 13:01

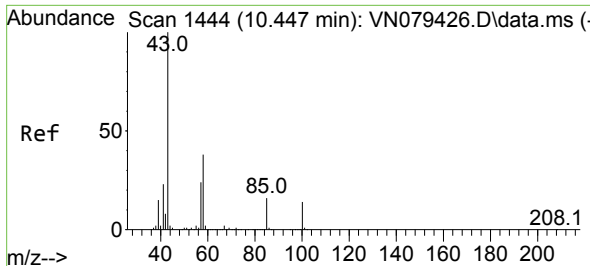
Tgt Ion: 98 Resp: 634714

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0

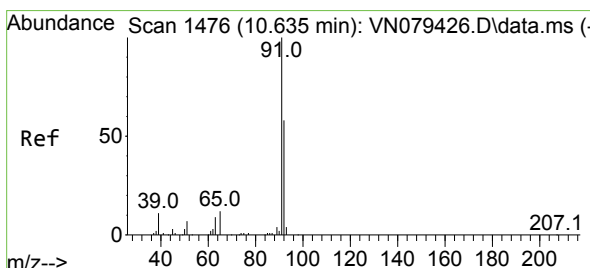
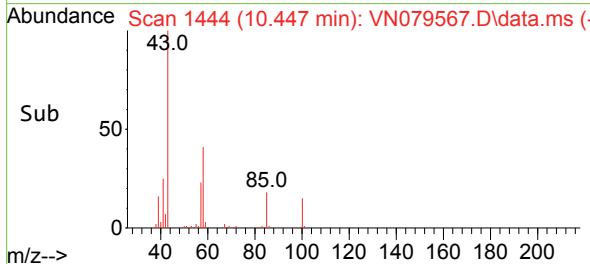
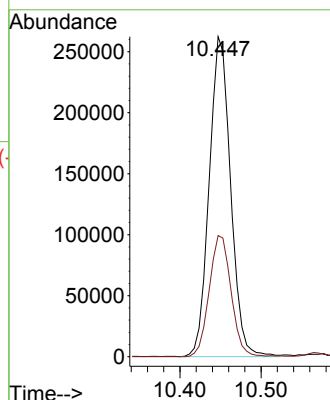
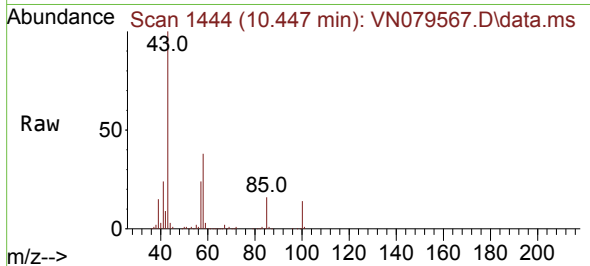




#51
4-Methyl-2-Pentanone
Concen: 103.035 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

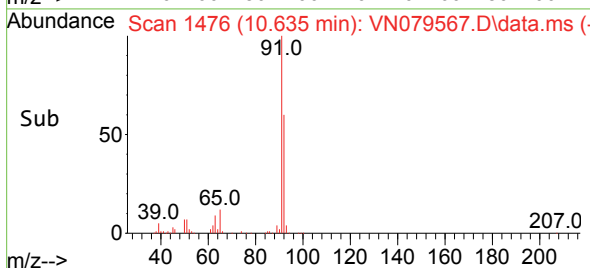
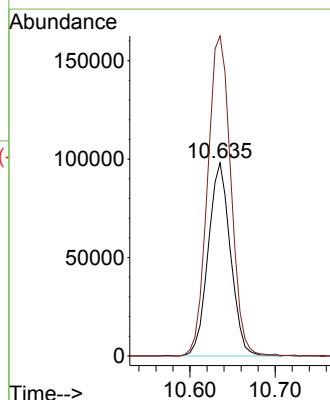
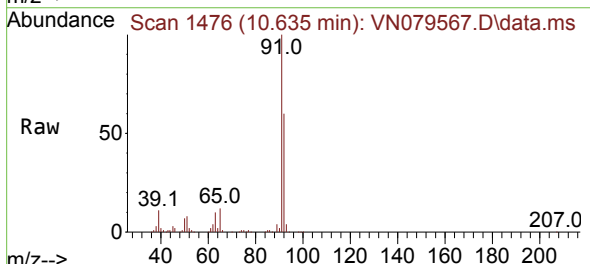
Instrument :
MSVOA_N
ClientSampleId :

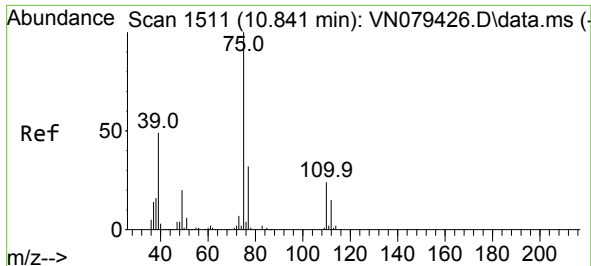
Tgt Ion: 43 Resp: 480929
Ion Ratio Lower Upper
43 100
58 38.7 36.6 54.8



#52
Toluene
Concen: 21.468 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 92 Resp: 178012
Ion Ratio Lower Upper
92 100
91 173.6 137.4 206.0

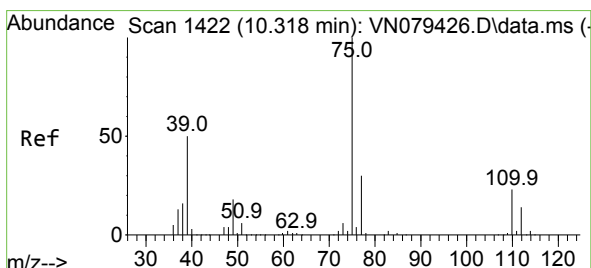
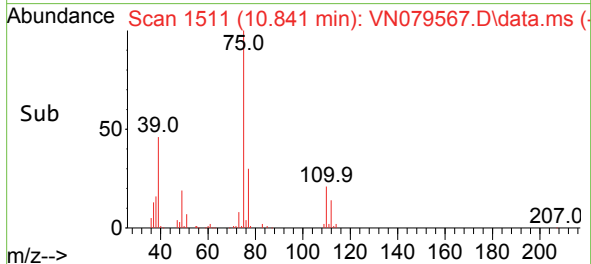
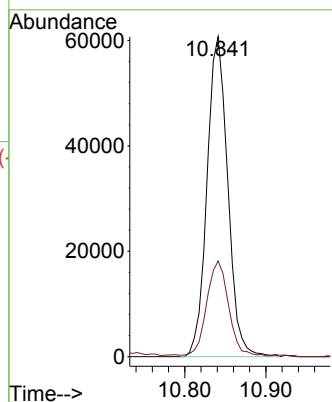
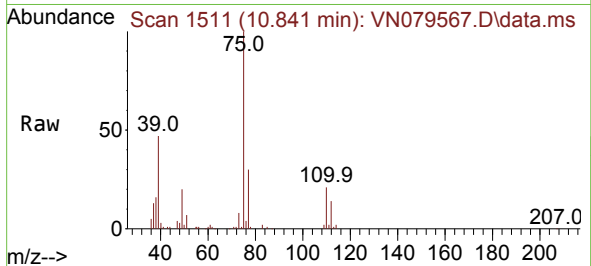




#53
 t-1,3-Dichloropropene
 Concen: 21.657 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. -0.000 min
 Lab File: VN079567.D
 Acq: 13 Oct 2023 13:01

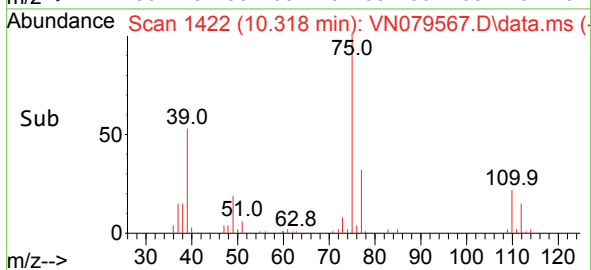
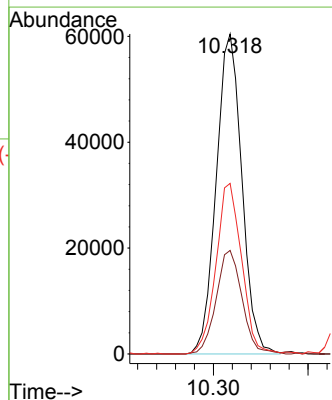
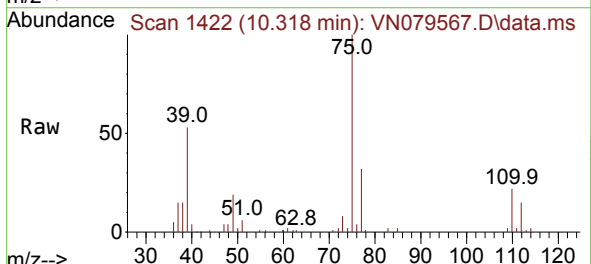
Instrument :
 MSVOA_N
 ClientSampleId :

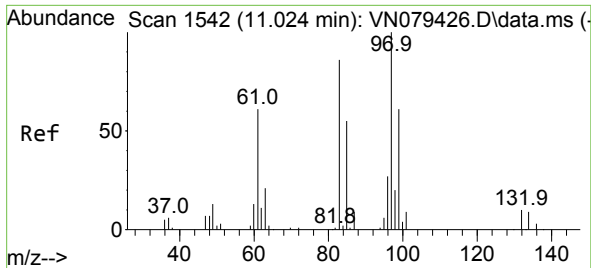
Tgt Ion: 75 Resp: 107915
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.826 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079567.D
 Acq: 13 Oct 2023 13:01

Tgt Ion: 75 Resp: 113603
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.1 39.1
 39 53.3 31.6 47.4#

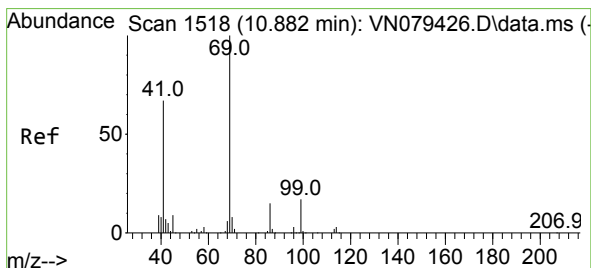
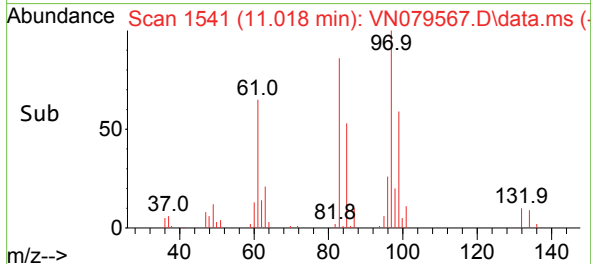
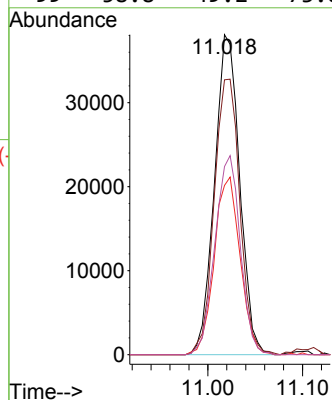
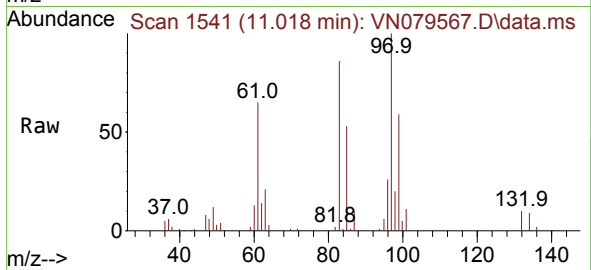




#55
1,1,2-Trichloroethane
Concen: 21.152 ug/l
RT: 11.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

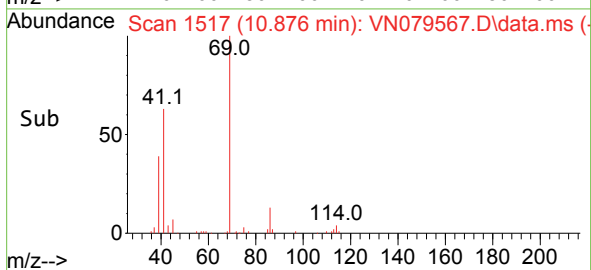
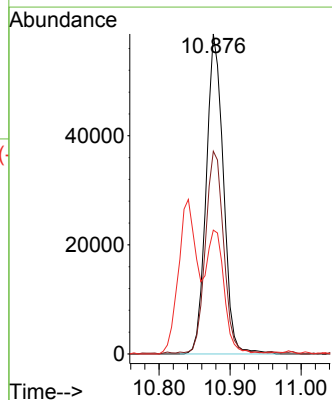
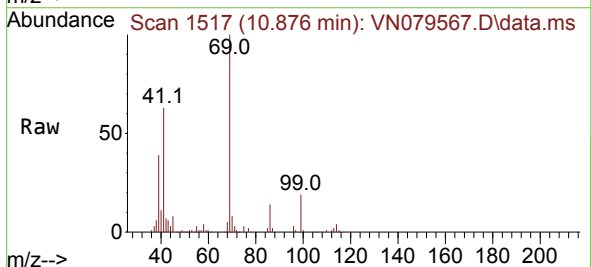
Instrument :
MSVOA_N
ClientSampleId :

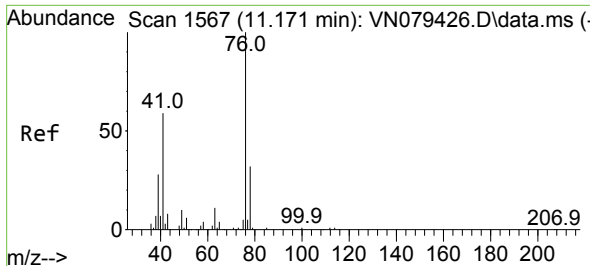
Tgt Ion: 97	Resp: 70412
Ion Ratio	Lower Upper
97 100	
83 85.9	65.1 97.7
85 52.9	43.4 65.2
99 58.8	49.2 73.8



#56
Ethyl methacrylate
Concen: 21.546 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 69	Resp: 98556
Ion Ratio	Lower Upper
69 100	
41 66.5	39.6 59.4#
39 39.9	28.6 43.0





#57

1,3-Dichloropropane

Concen: 21.334 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.006 min

Lab File: VN079567.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_N

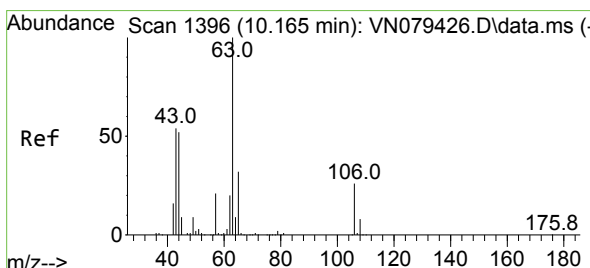
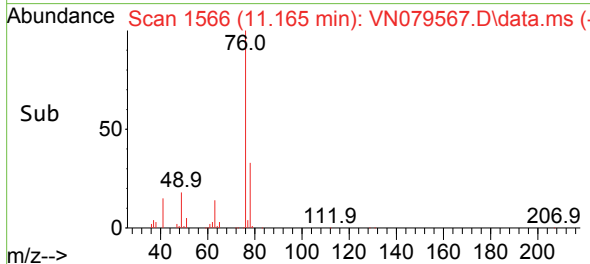
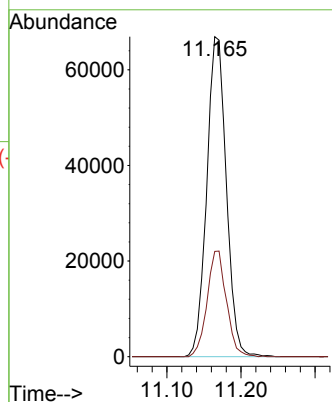
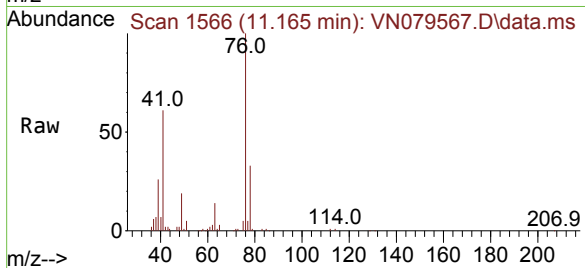
ClientSampleId :

Tgt Ion: 76 Resp: 122632

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 101.331 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079567.D

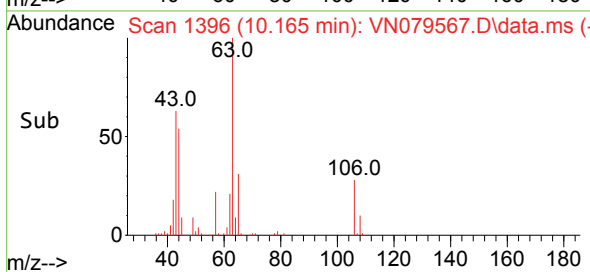
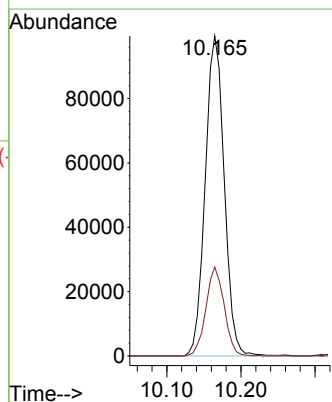
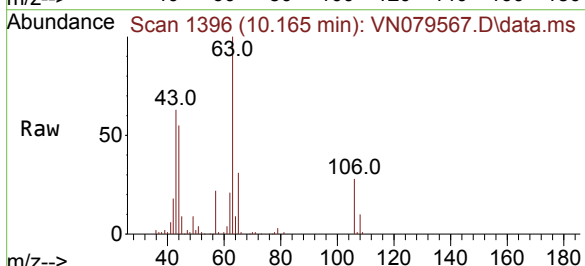
Acq: 13 Oct 2023 13:01

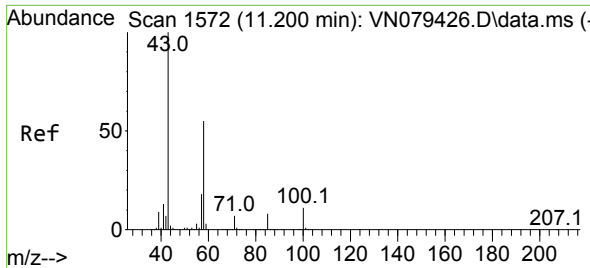
Tgt Ion: 63 Resp: 177513

Ion Ratio Lower Upper

63 100

106 26.7 26.2 39.4

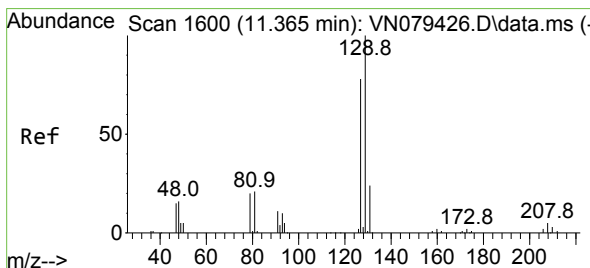
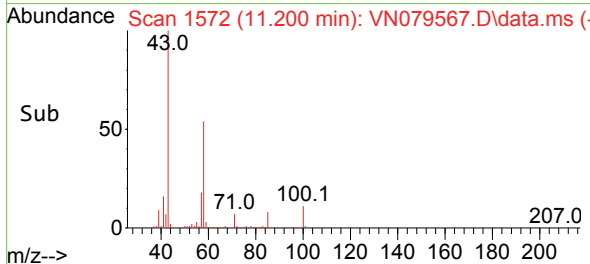
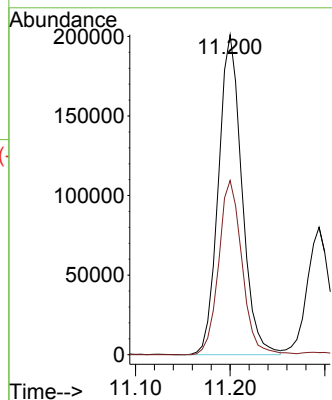
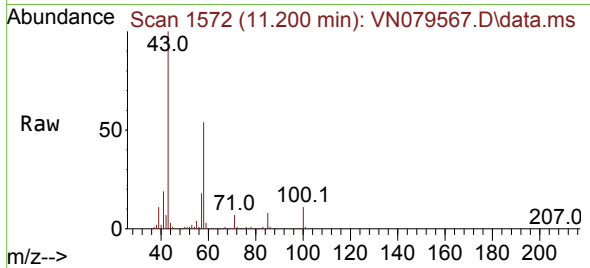




#59
2-Hexanone
Concen: 102.764 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

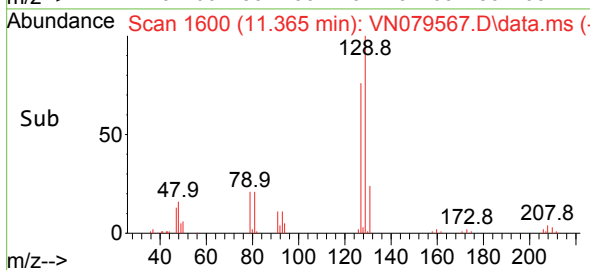
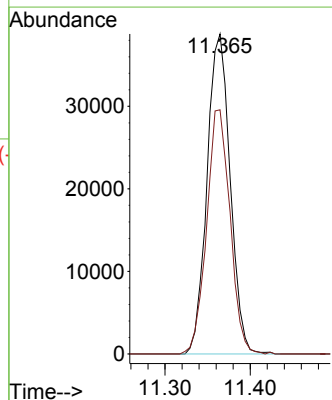
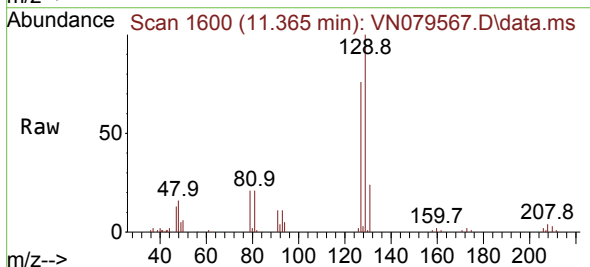
Instrument :
MSVOA_N
ClientSampleId :

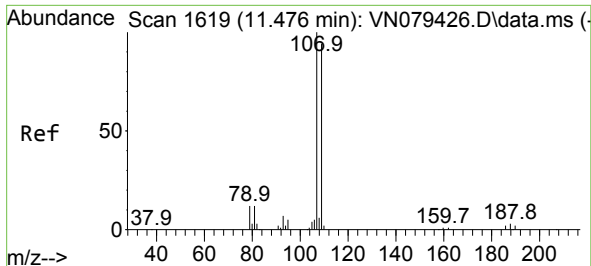
Tgt Ion: 43 Resp: 346131
Ion Ratio Lower Upper
43 100
58 54.2 31.7 95.1



#60
Dibromochloromethane
Concen: 21.823 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

Tgt Ion:129 Resp: 73011
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0

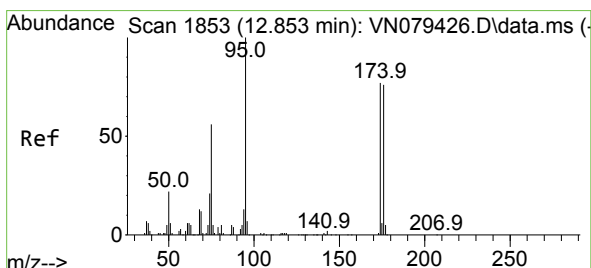
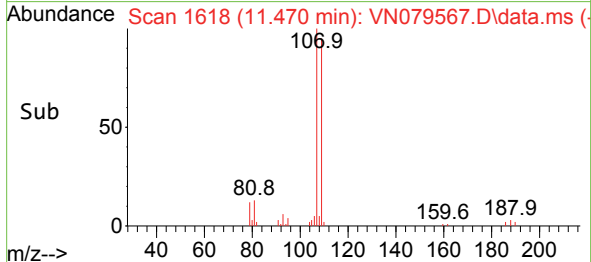
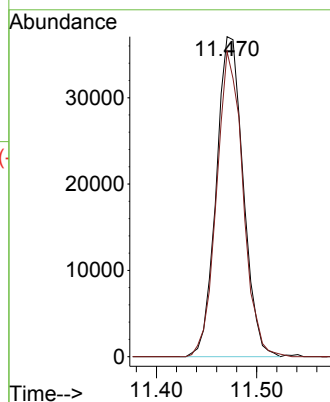
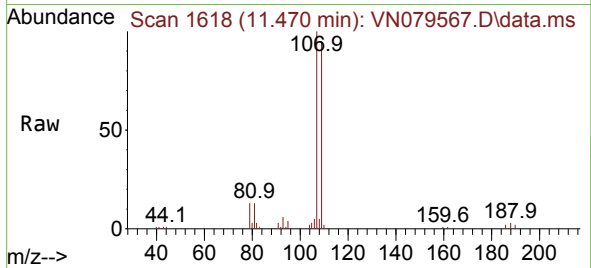




#61
1,2-Dibromoethane
Concen: 20.938 ug/l
RT: 11.470 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

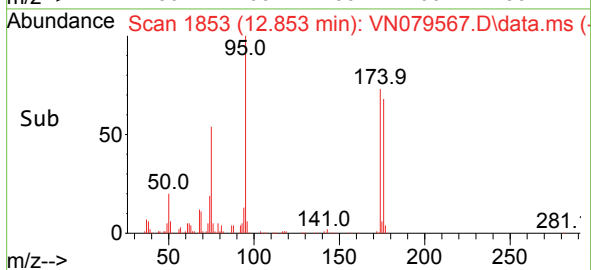
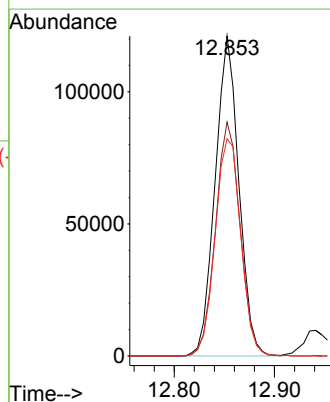
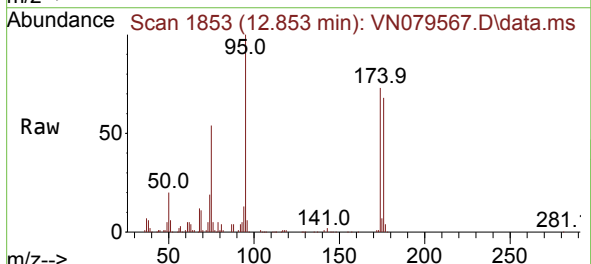
Instrument :
MSVOA_N
ClientSampleId :

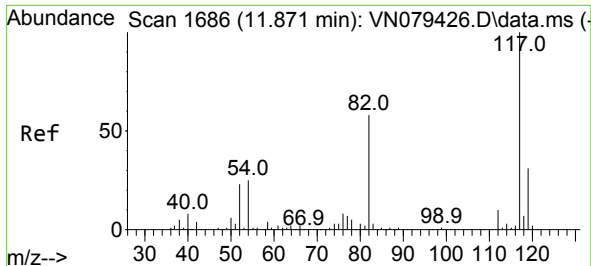
Tgt Ion:107 Resp: 69172
Ion Ratio Lower Upper
107 100
109 93.2 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 54.146 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 95 Resp: 198700
Ion Ratio Lower Upper
95 100
174 76.2 0.0 143.8
176 73.4 0.0 135.8

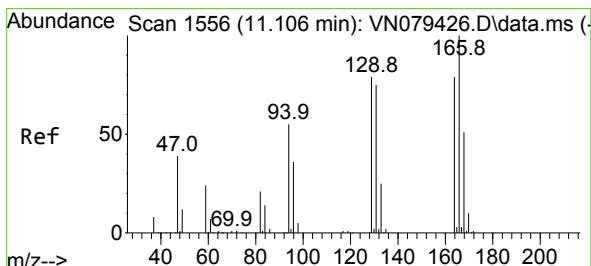
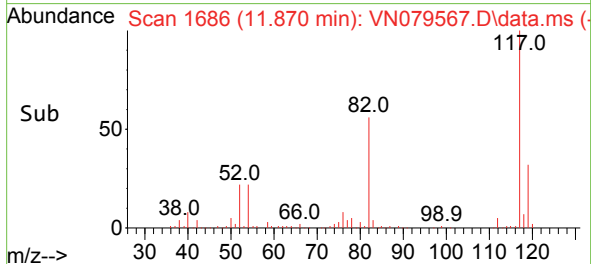
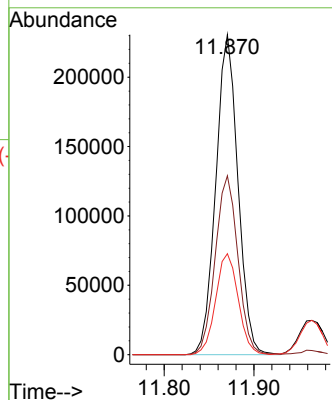
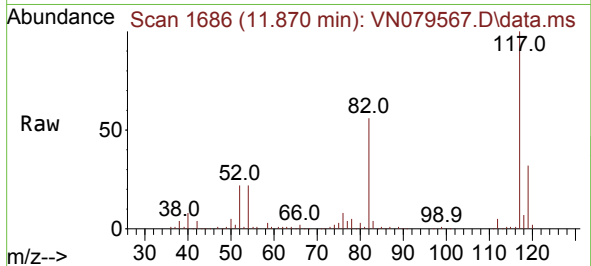




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

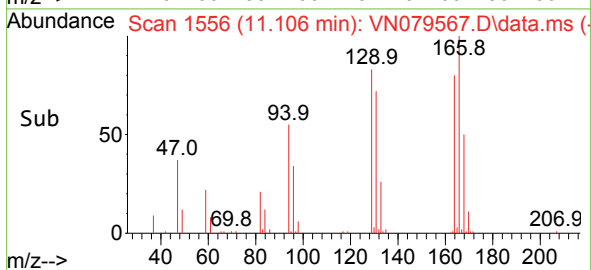
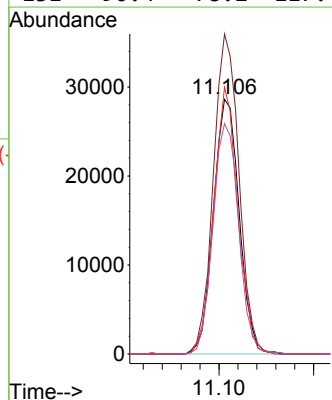
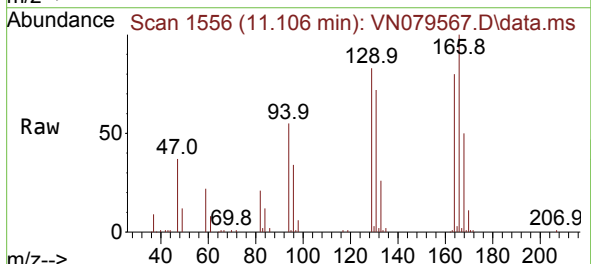
Instrument :
MSVOA_N
ClientSampleId :

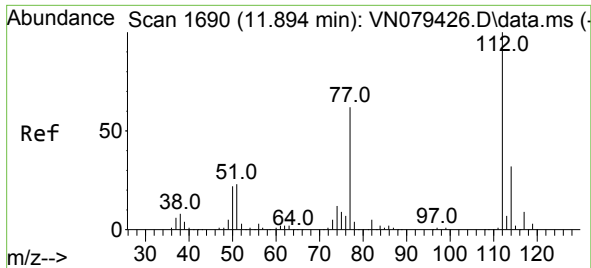
Tgt Ion:117 Resp: 395653
Ion Ratio Lower Upper
117 100
82 55.9 44.0 66.0
119 31.6 25.6 38.4



#64
Tetrachloroethene
Concen: 19.816 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

Tgt Ion:164 Resp: 53936
Ion Ratio Lower Upper
164 100
166 125.6 101.4 152.0
129 104.6 82.4 123.6
131 90.4 78.2 117.4

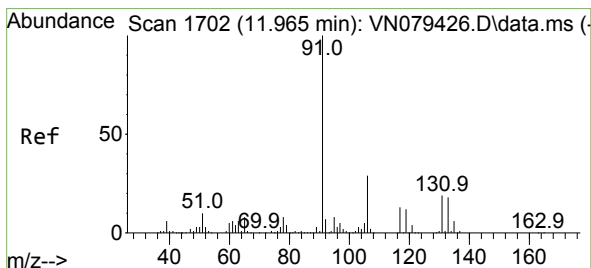
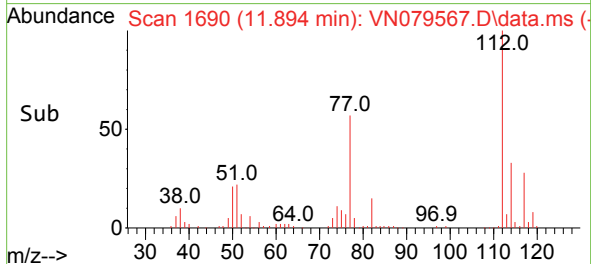
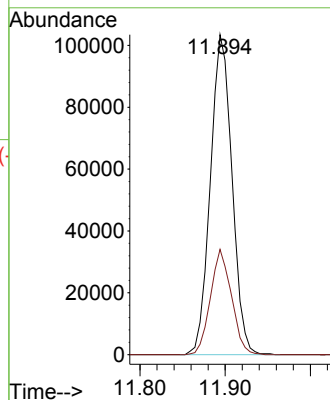
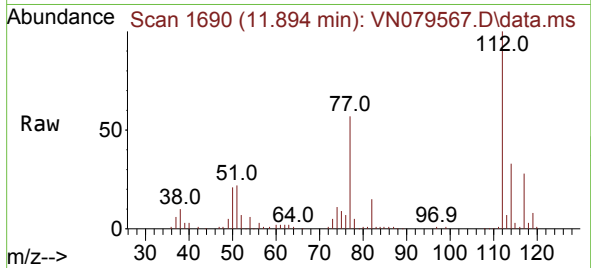




#65
Chlorobenzene
Concen: 20.697 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

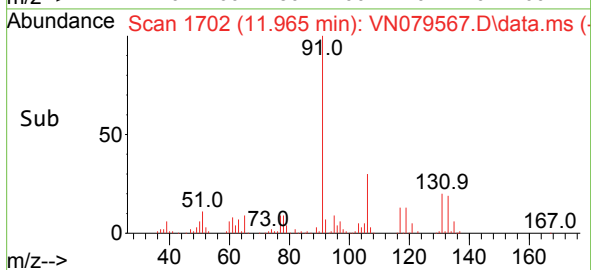
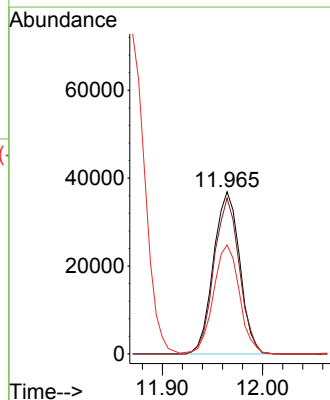
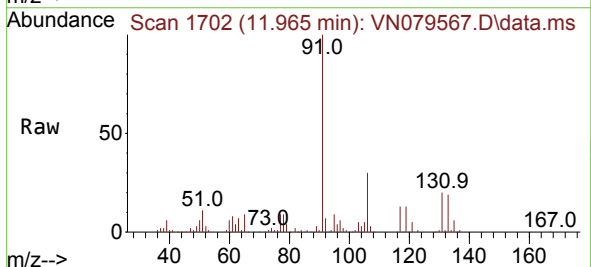
Instrument :
MSVOA_N
ClientSampleId :

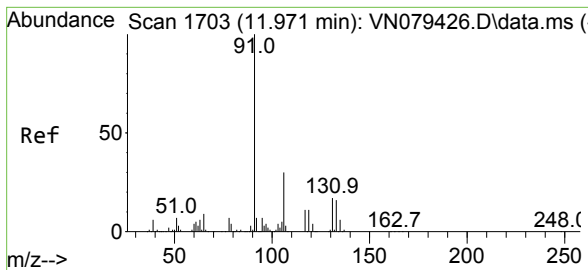
Tgt Ion:112 Resp: 182370
Ion Ratio Lower Upper
112 100
114 32.9 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.804 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

Tgt Ion:131 Resp: 67117
Ion Ratio Lower Upper
131 100
133 93.3 46.4 139.1
119 66.8 34.1 102.2

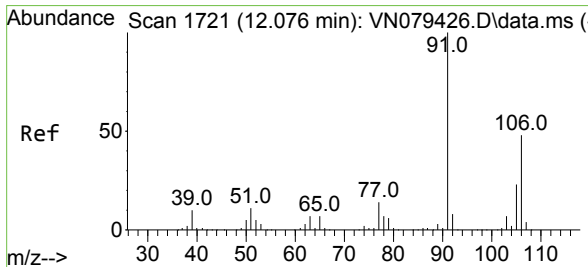
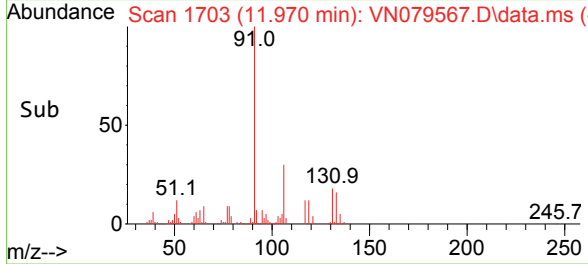
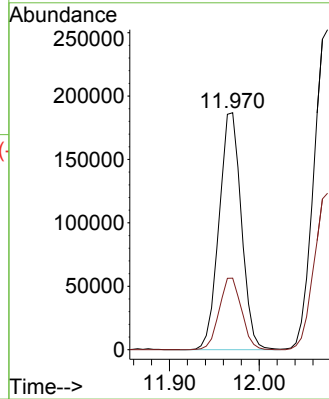
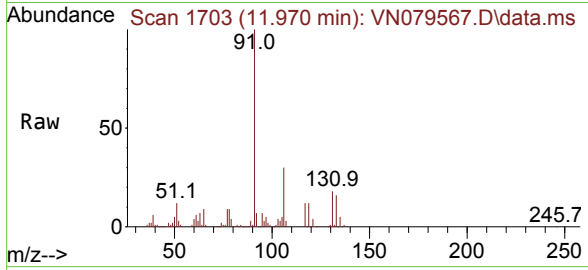




#67
Ethyl Benzene
Concen: 21.082 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

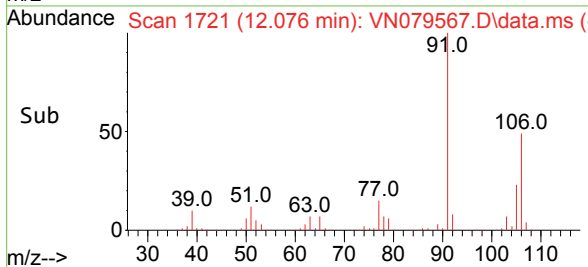
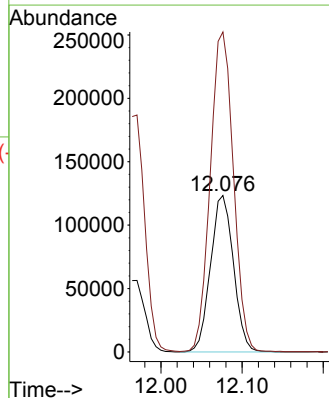
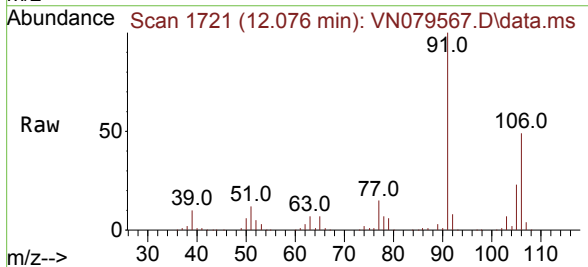
Instrument :
MSVOA_N
ClientSampleId :

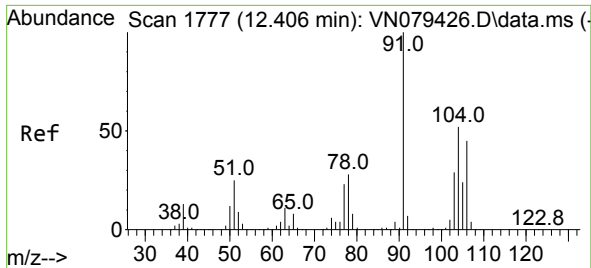
Tgt Ion: 91 Resp: 322874
Ion Ratio Lower Upper
91 100
106 30.2 25.6 38.4



#68
m/p-Xylenes
Concen: 43.532 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

Tgt Ion:106 Resp: 242240
Ion Ratio Lower Upper
106 100
91 206.7 159.6 239.4

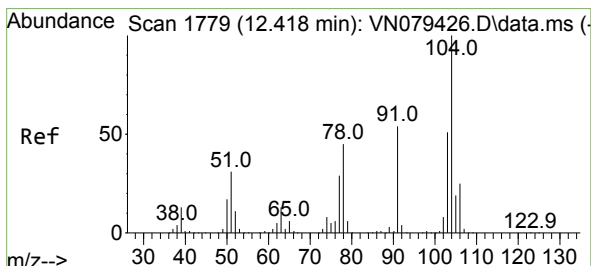
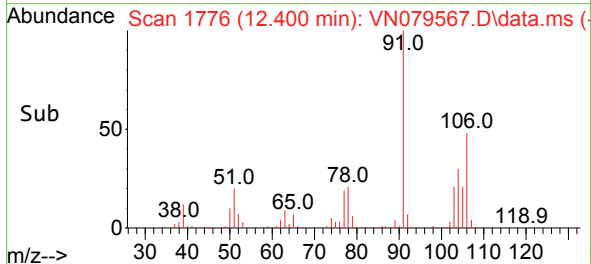
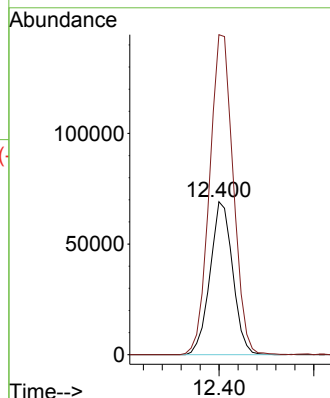
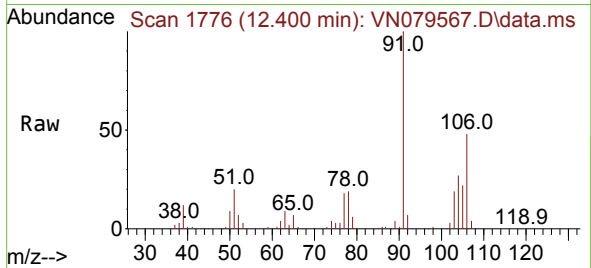




#69
o-Xylene
Concen: 20.914 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

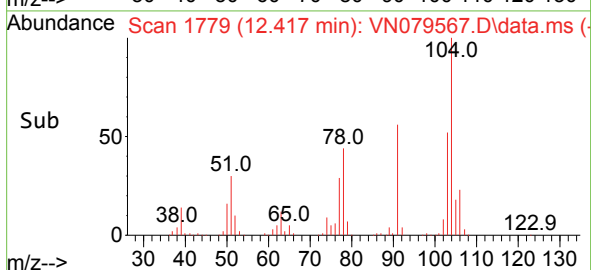
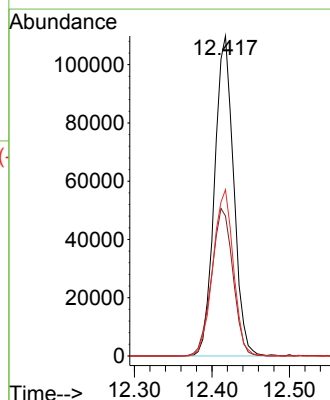
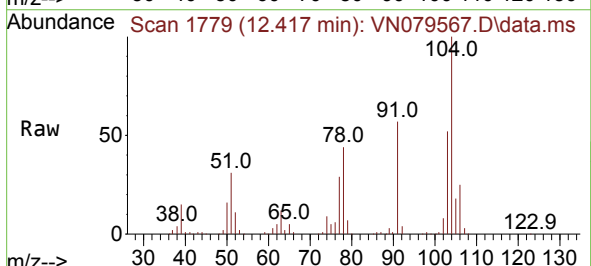
Instrument :
MSVOA_N
ClientSampleId :

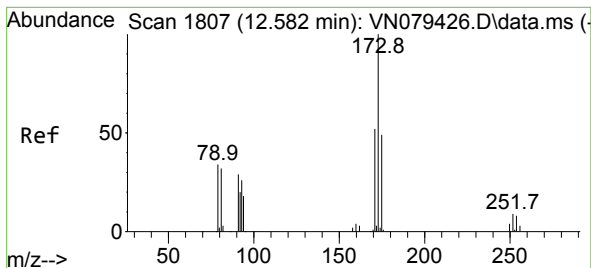
Tgt Ion:106 Resp: 114454
Ion Ratio Lower Upper
106 100
91 219.4 105.2 315.5



#70
Styrene
Concen: 21.814 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

Tgt Ion:104 Resp: 188560
Ion Ratio Lower Upper
104 100
78 51.5 39.5 59.3
103 55.5 43.2 64.8





#71

Bromoform

Concen: 19.822 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

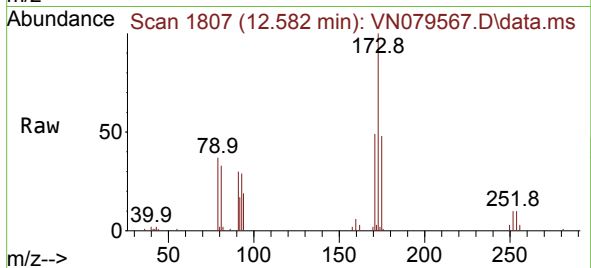
Lab File: VN079567.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_N

ClientSampleId :



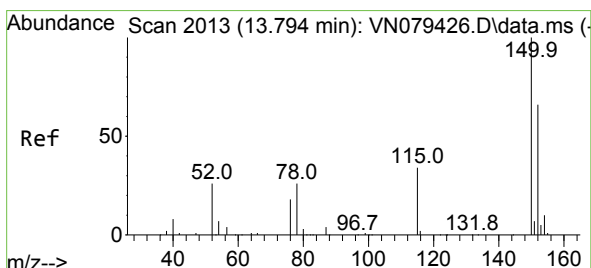
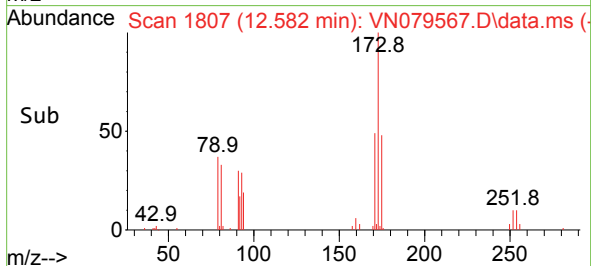
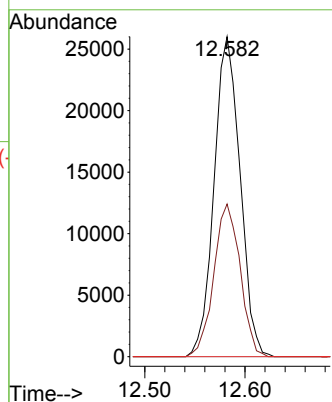
Tgt Ion:173 Resp: 46803

Ion Ratio Lower Upper

173 100

175 48.4 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN079567.D

Acq: 13 Oct 2023 13:01

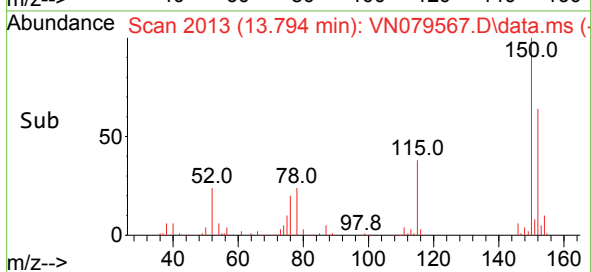
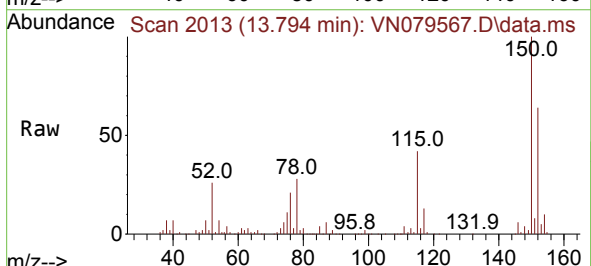
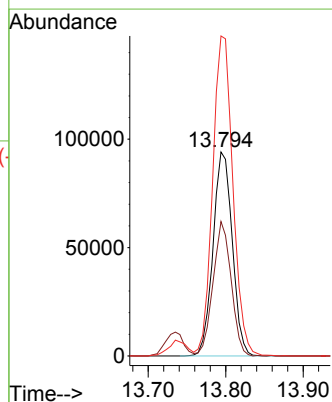
Tgt Ion:152 Resp: 162899

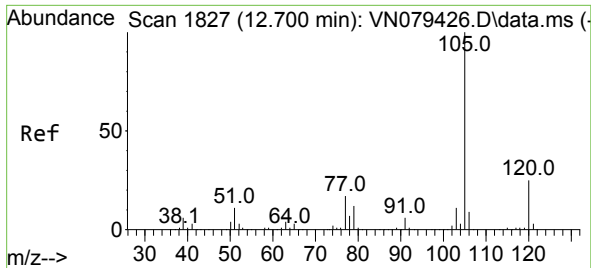
Ion Ratio Lower Upper

152 100

115 62.1 32.3 96.8

150 164.7 0.0 355.8

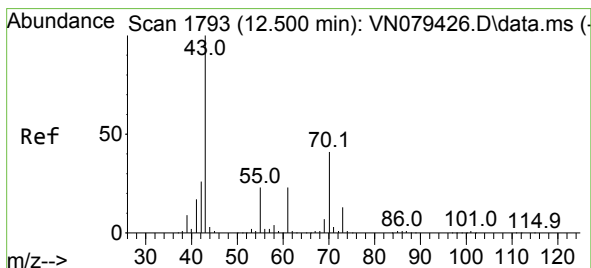
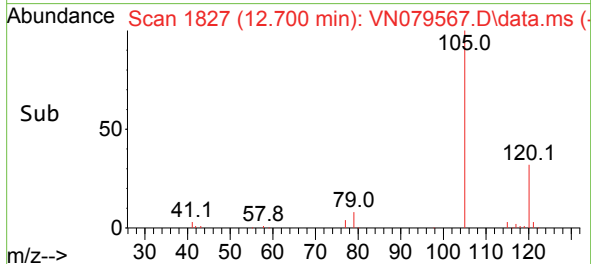
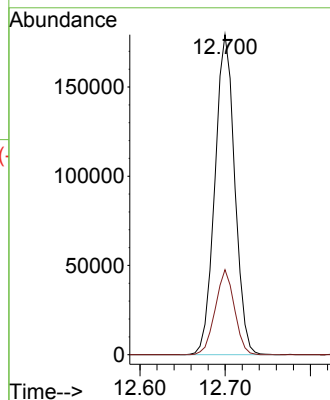
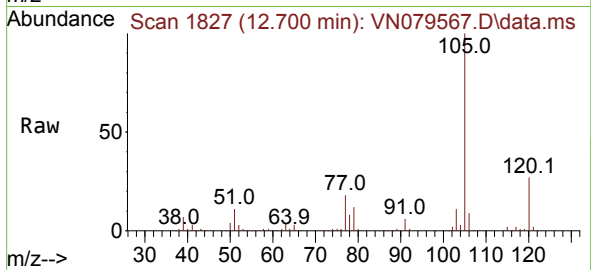




#73
Isopropylbenzene
Concen: 19.151 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

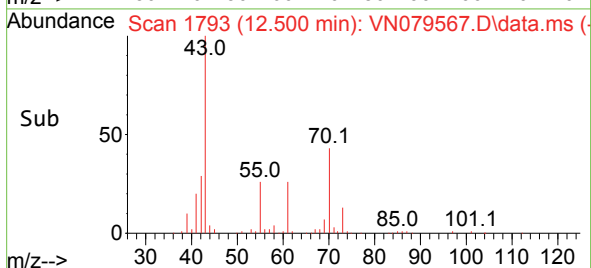
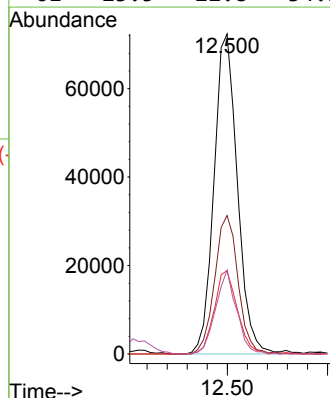
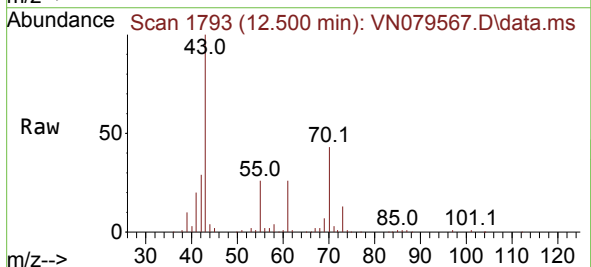
Instrument :
MSVOA_N
ClientSampleId :

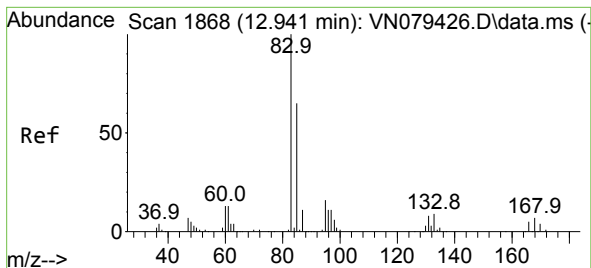
Tgt Ion:105 Resp: 290224
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.1



#74
N-ethyl acetate
Concen: 18.864 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 43 Resp: 117202
Ion Ratio Lower Upper
43 100
70 43.5 43.4 65.2
55 25.9 21.4 32.0
61 23.5 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.354 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN079567.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_N

ClientSampleId :

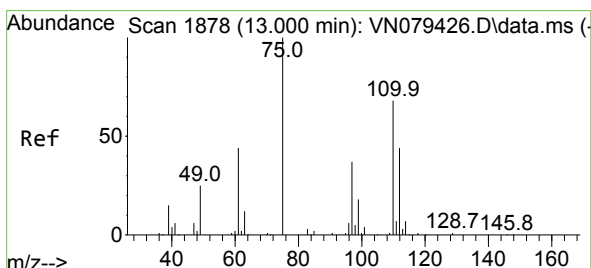
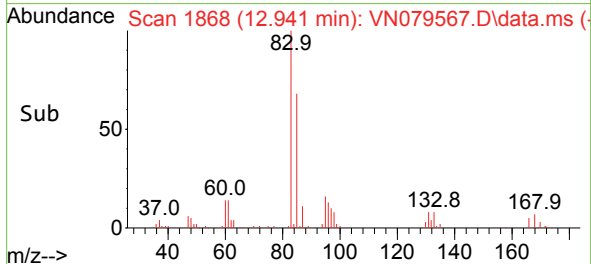
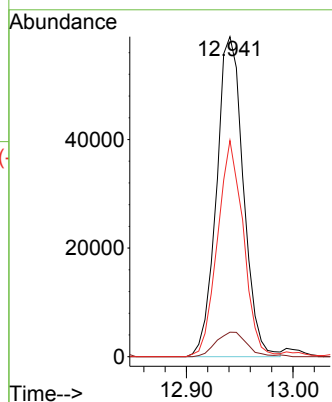
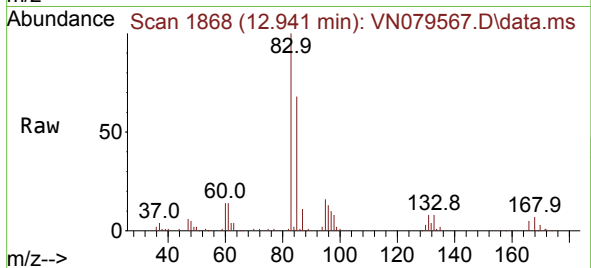
Tgt Ion: 83 Resp: 103087

Ion Ratio Lower Upper

83 100

131 9.0 5.0 15.0

85 65.0 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 26.281 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.006 min

Lab File: VN079567.D

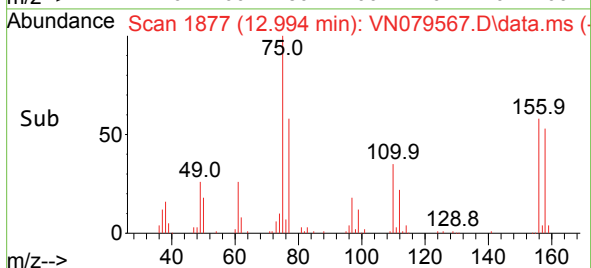
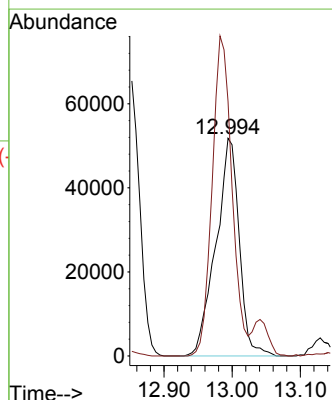
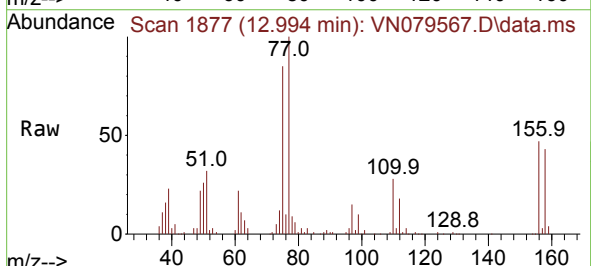
Acq: 13 Oct 2023 13:01

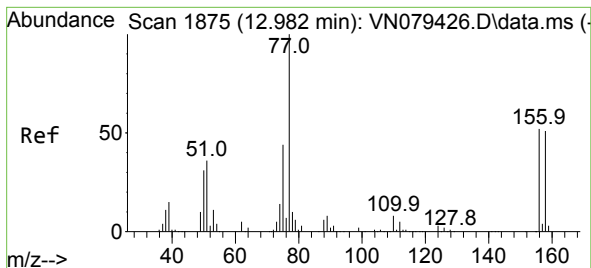
Tgt Ion: 75 Resp: 123435

Ion Ratio Lower Upper

75 100

77 124.6 84.5 253.5





#77

Bromobenzene

Concen: 18.662 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN079567.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_N

ClientSampleId :

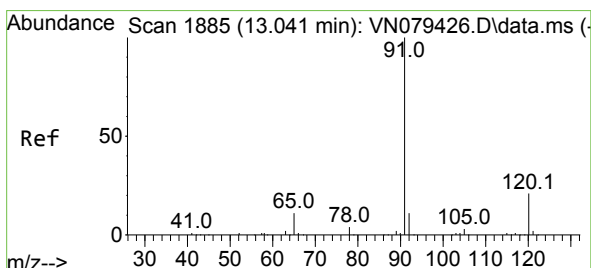
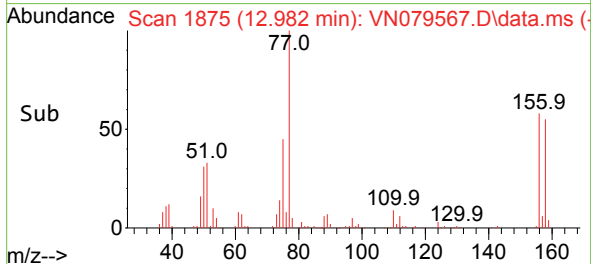
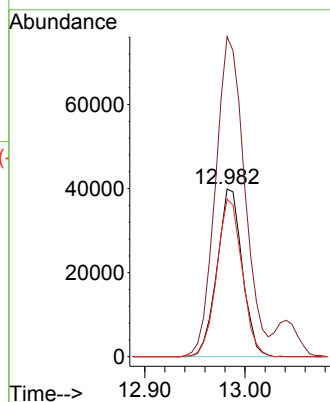
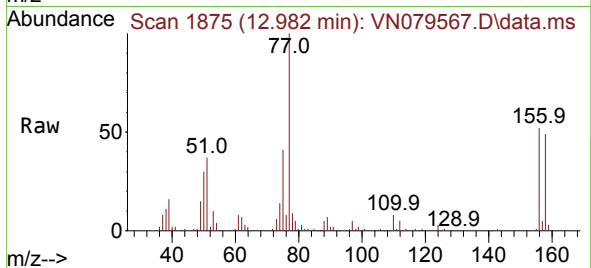
Tgt Ion:156 Resp: 69347

Ion Ratio Lower Upper

156 100

77 221.8 107.7 323.3

158 95.0 48.4 145.3



#78

n-propylbenzene

Concen: 20.157 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN079567.D

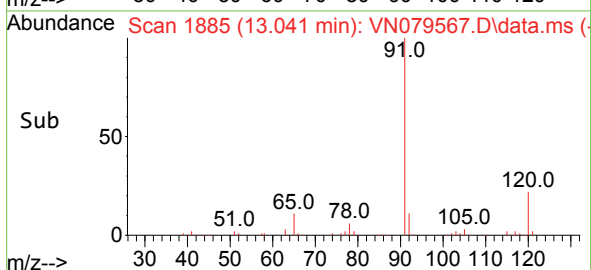
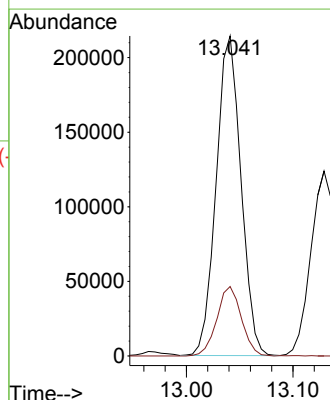
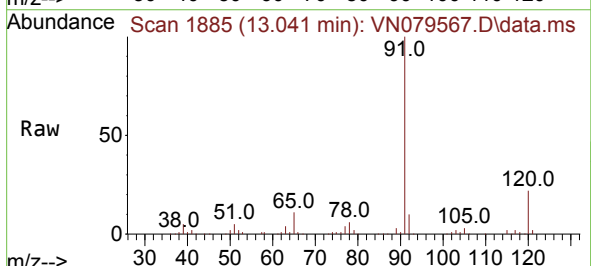
Acq: 13 Oct 2023 13:01

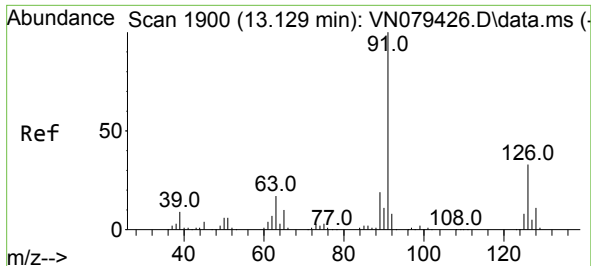
Tgt Ion: 91 Resp: 345623

Ion Ratio Lower Upper

91 100

120 21.5 11.5 34.4

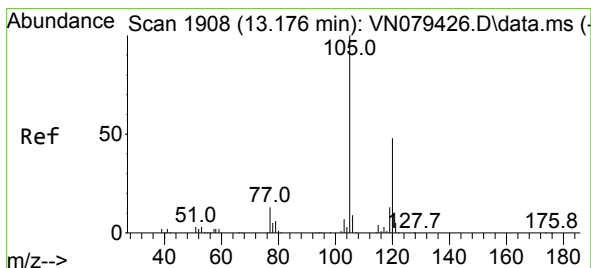
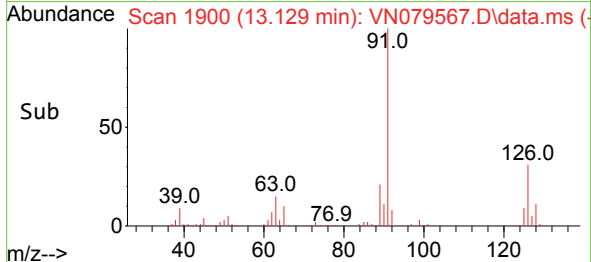
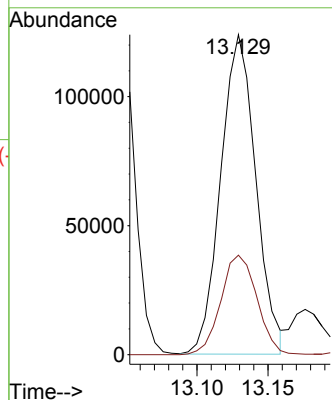
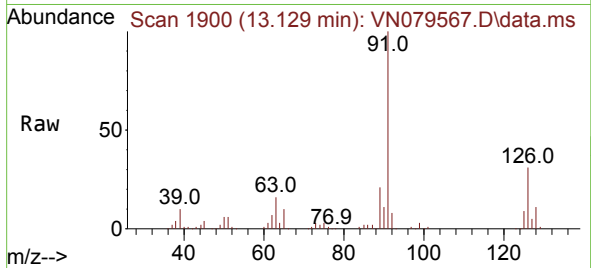




#79
2-Chlorotoluene
Concen: 19.375 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

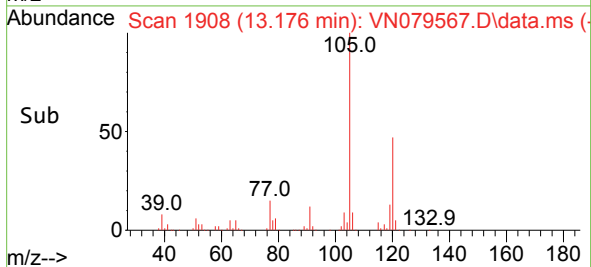
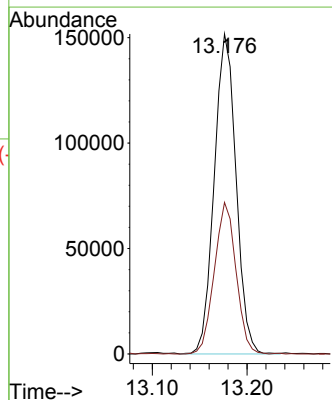
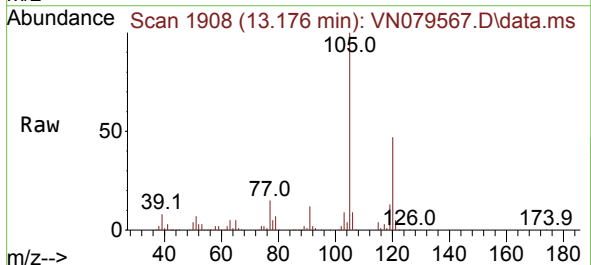
Instrument :
MSVOA_N
ClientSampleId :

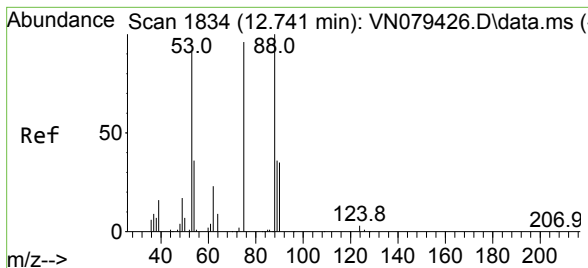
Tgt Ion: 91 Resp: 212578
Ion Ratio Lower Upper
91 100
126 32.1 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 20.307 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

Tgt Ion:105 Resp: 242682
Ion Ratio Lower Upper
105 100
120 47.1 24.1 72.3

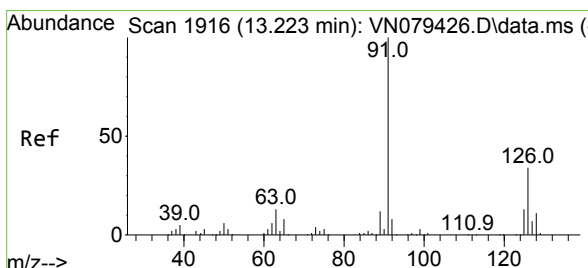
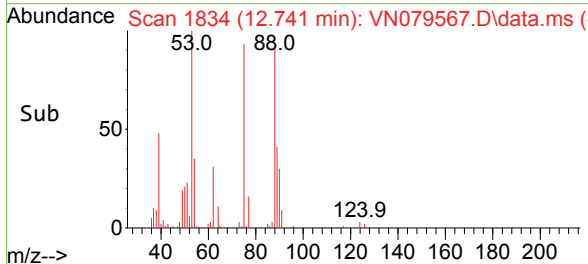
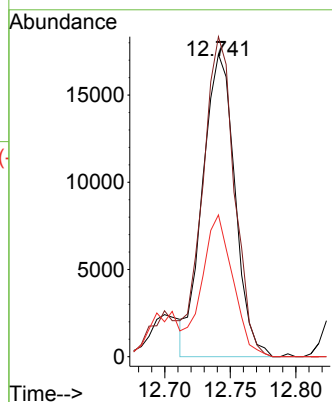
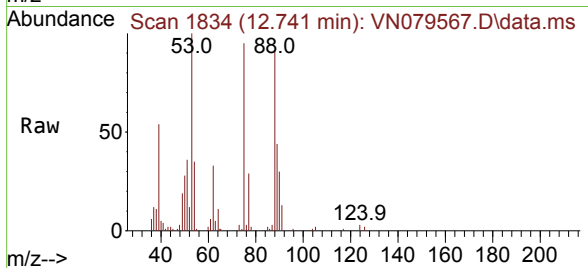




#81
 trans-1,4-Dichloro-2-butene
 Concen: 18.351 ug/l
 RT: 12.741 min Scan# 1834
 Delta R.T. -0.000 min
 Lab File: VN079567.D
 Acq: 13 Oct 2023 13:01

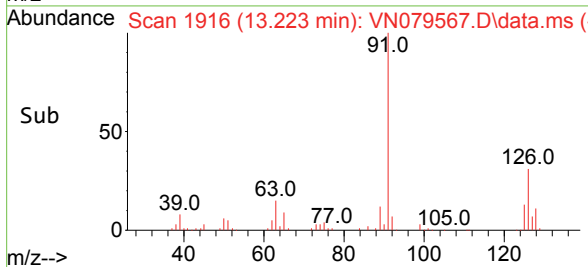
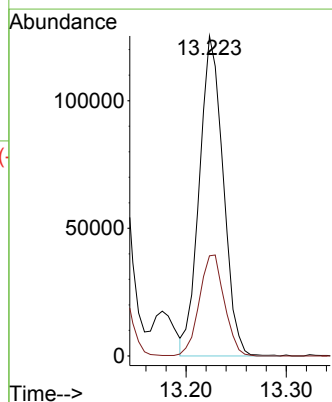
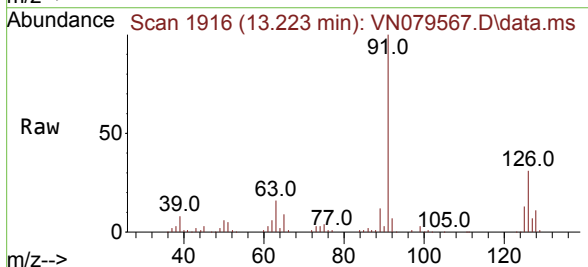
Instrument :
 MSVOA_N
 ClientSampleId :

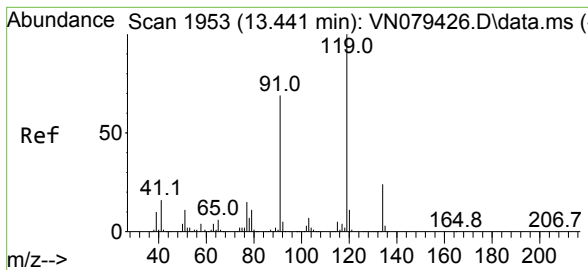
Tgt Ion: 75 Resp: 29705
 Ion Ratio Lower Upper
 75 100
 53 103.8 67.4 101.2#
 89 45.3 38.8 58.2



#82
 4-Chlorotoluene
 Concen: 19.855 ug/l
 RT: 13.223 min Scan# 1916
 Delta R.T. -0.000 min
 Lab File: VN079567.D
 Acq: 13 Oct 2023 13:01

Tgt Ion: 91 Resp: 207299
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.7 50.0

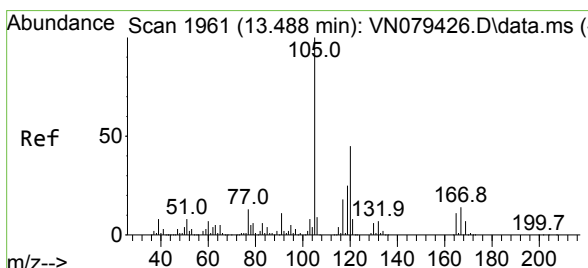
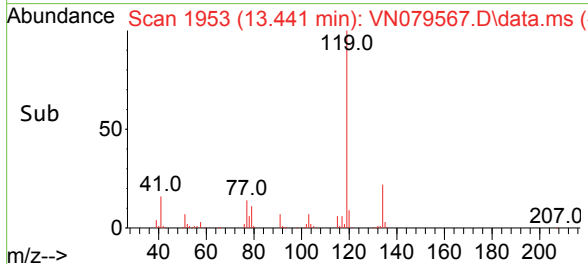
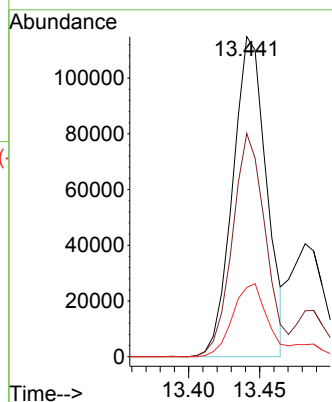
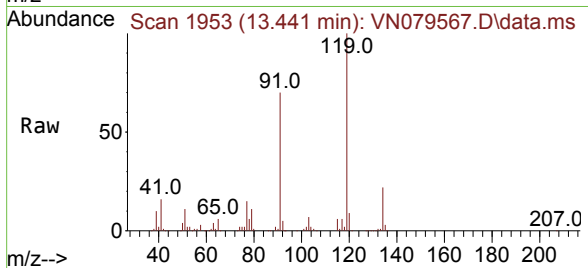




#83
tert-Butylbenzene
Concen: 19.395 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

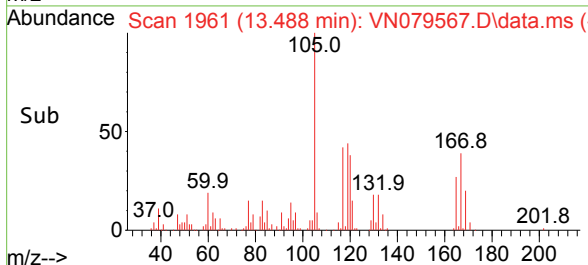
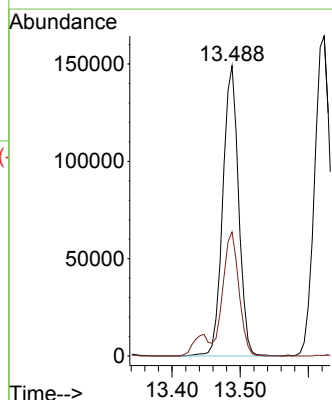
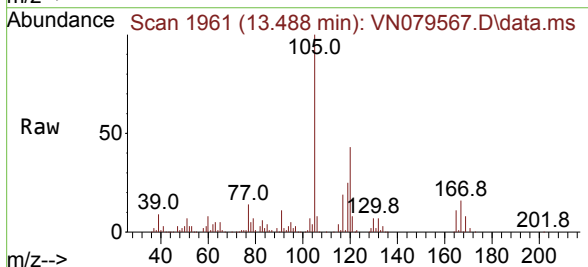
Instrument :
MSVOA_N
ClientSampleId :

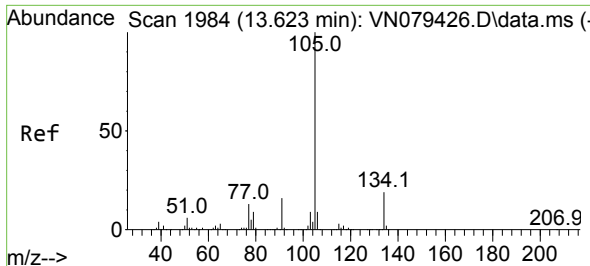
Tgt Ion:119 Resp: 189895
Ion Ratio Lower Upper
119 100
91 68.9 33.9 101.7
134 23.6 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 21.060 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

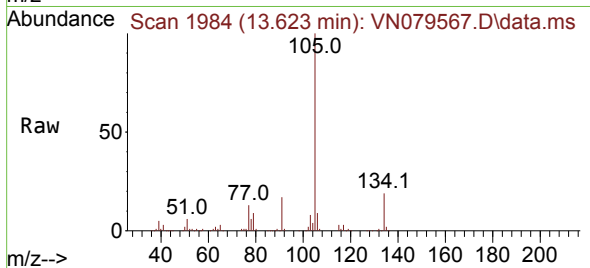
Tgt Ion:105 Resp: 240179
Ion Ratio Lower Upper
105 100
120 43.1 22.0 66.0



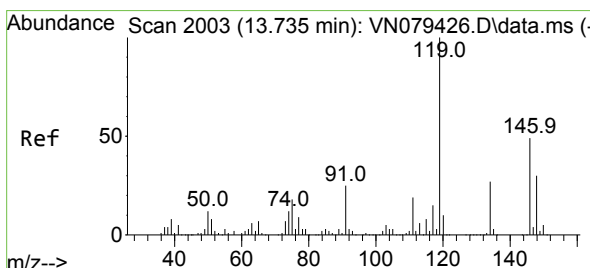
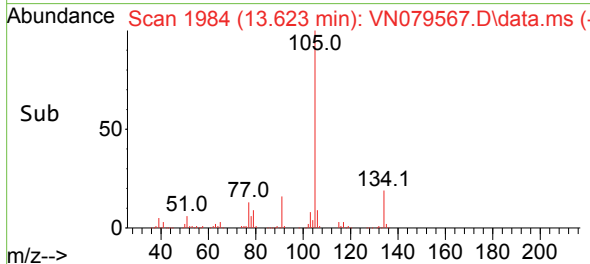
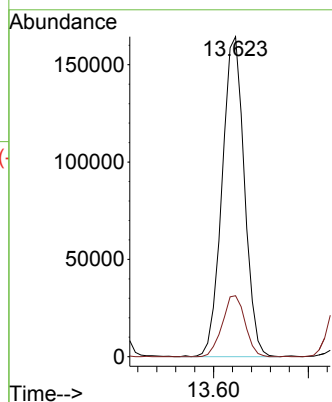


#85
 sec-Butylbenzene
 Concen: 19.682 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN079567.D
 Acq: 13 Oct 2023 13:01

Instrument :
 MSVOA_N
 ClientSampleId :

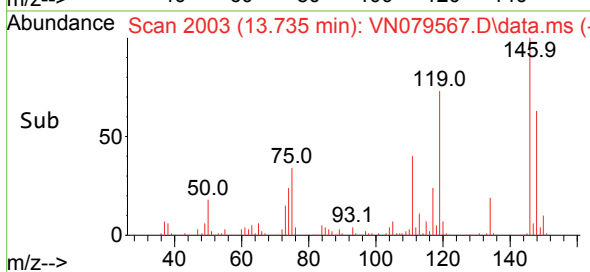
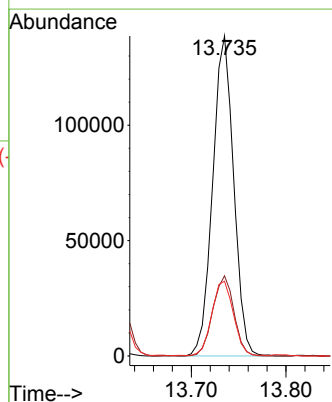
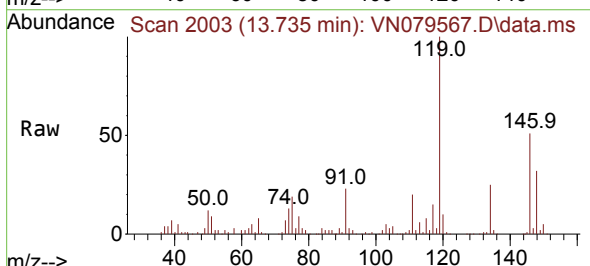


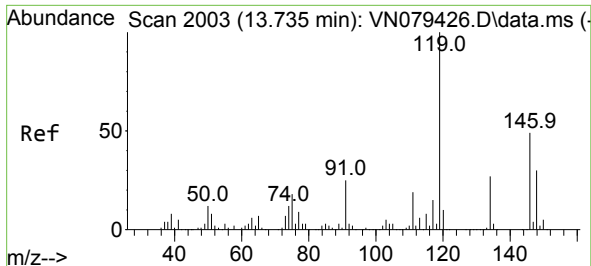
Tgt Ion:105 Resp: 268796
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 20.411 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN079567.D
 Acq: 13 Oct 2023 13:01

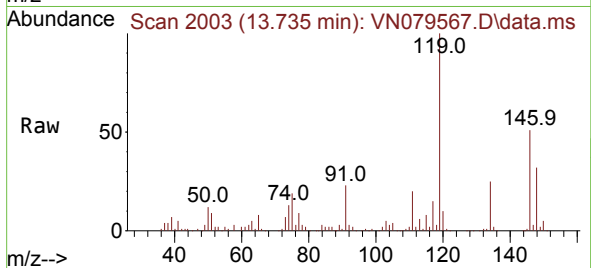
Tgt Ion:119 Resp: 213846
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 23.9 12.4 37.2



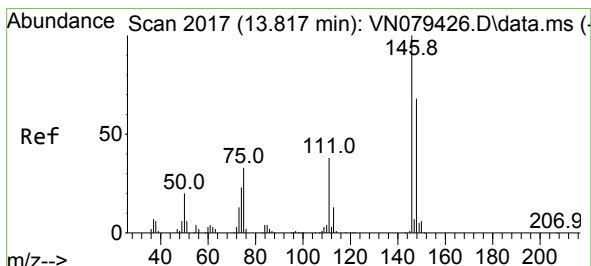
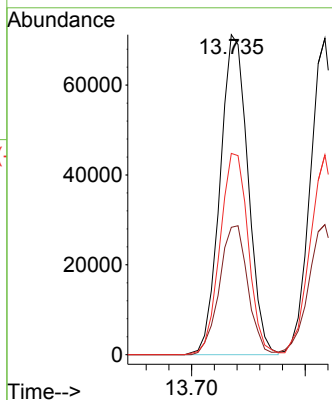
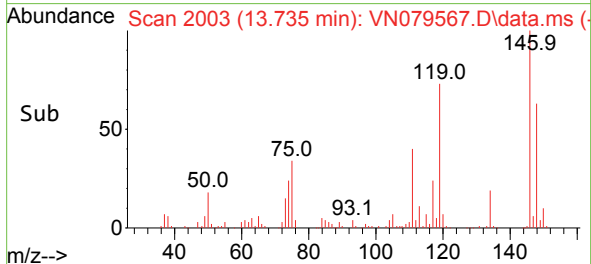


#87
 1,3-Dichlorobenzene
 Concen: 20.661 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN079567.D
 Acq: 13 Oct 2023 13:01

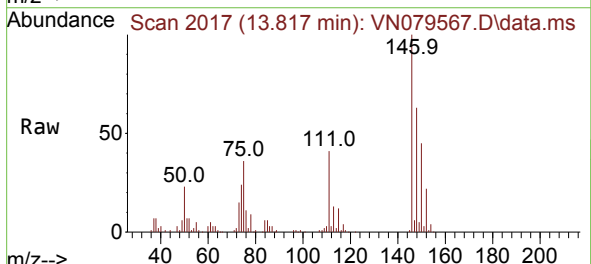
Instrument :
 MSVOA_N
 ClientSampleId :



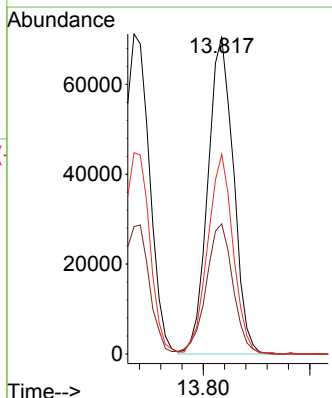
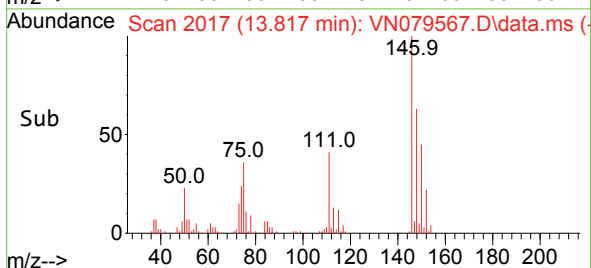
Tgt Ion:146 Resp: 121771
 Ion Ratio Lower Upper
 146 100
 111 40.8 22.1 66.3
 148 63.5 32.0 96.0

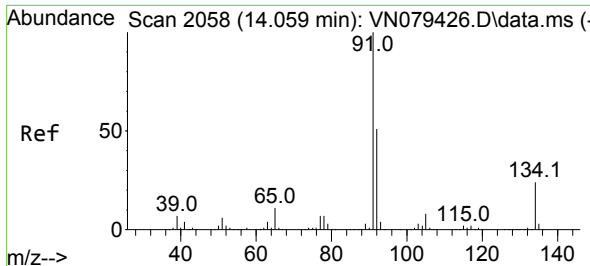


#88
 1,4-Dichlorobenzene
 Concen: 19.287 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: VN079567.D
 Acq: 13 Oct 2023 13:01



Tgt Ion:146 Resp: 117372
 Ion Ratio Lower Upper
 146 100
 111 43.3 20.6 61.8
 148 62.8 31.6 94.8

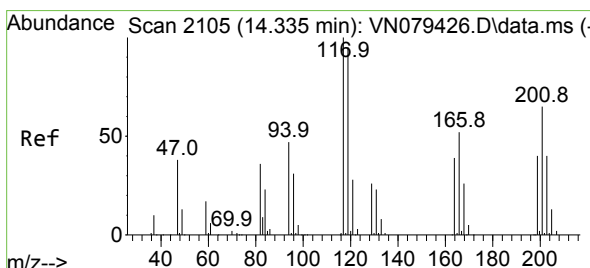
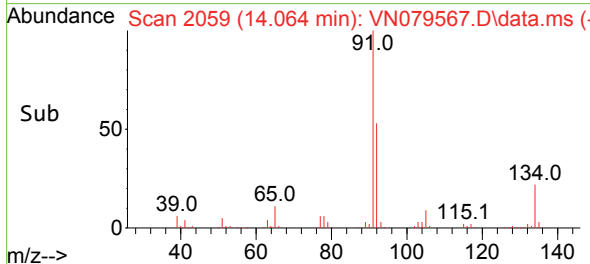
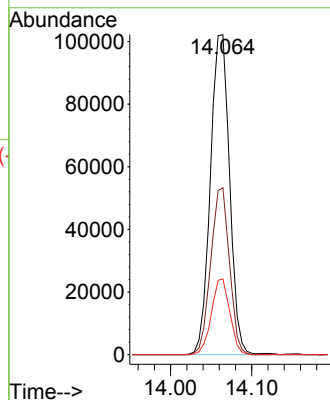
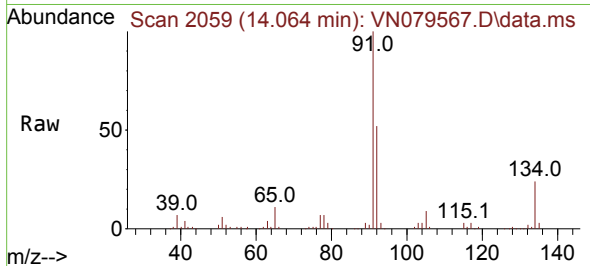




#89
n-Butylbenzene
Concen: 20.088 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

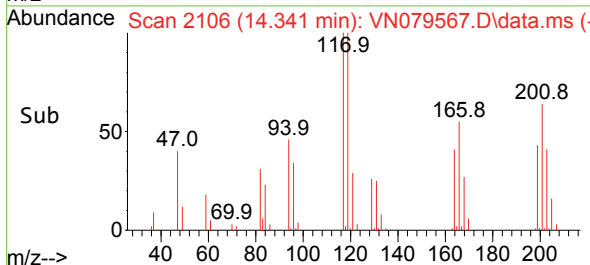
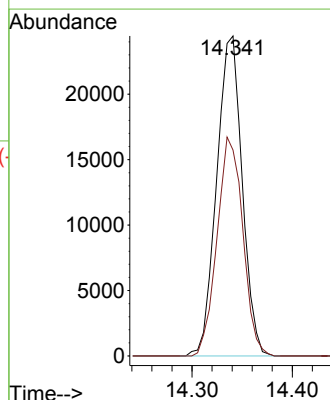
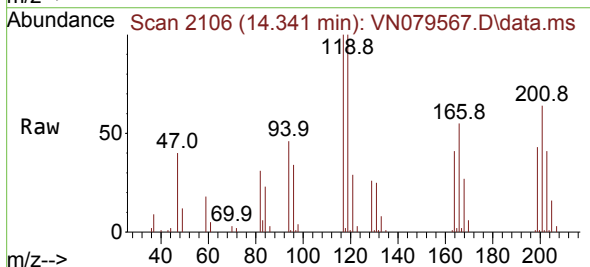
Instrument :
MSVOA_N
ClientSampleId :

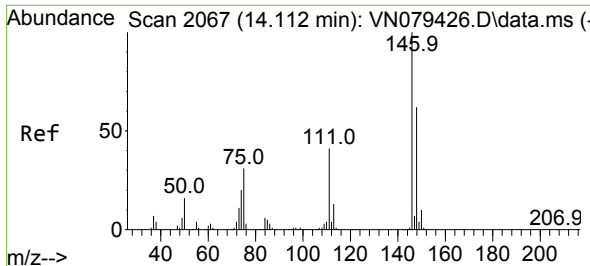
Tgt Ion: 91 Resp: 168066
Ion Ratio Lower Upper
91 100
92 50.7 26.4 79.0
134 22.7 12.6 37.6



#90
Hexachloroethane
Concen: 19.629 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 117 Resp: 43100
Ion Ratio Lower Upper
117 100
201 69.2 29.3 88.0

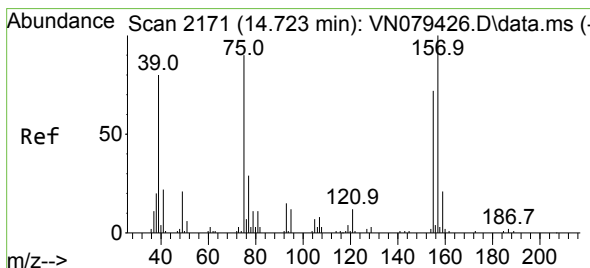
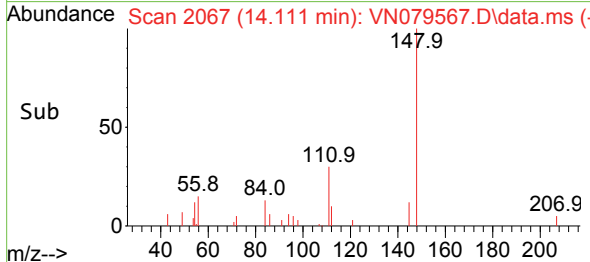
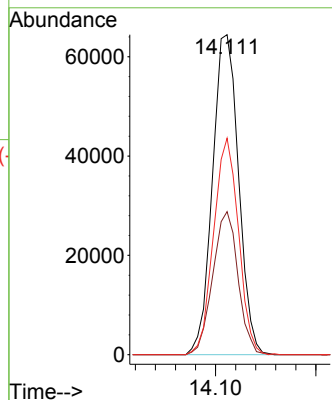
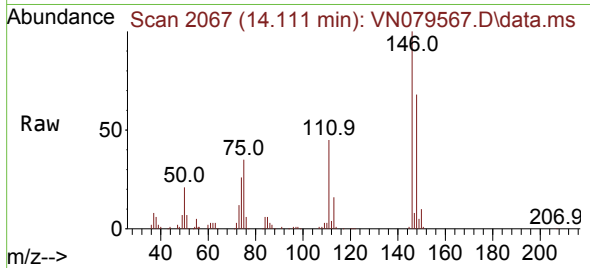




#91
1,2-Dichlorobenzene
Concen: 20.229 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

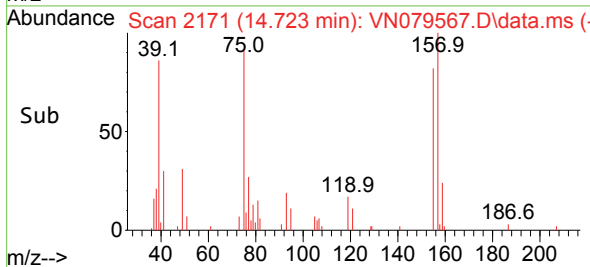
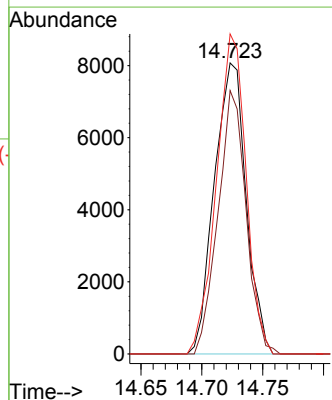
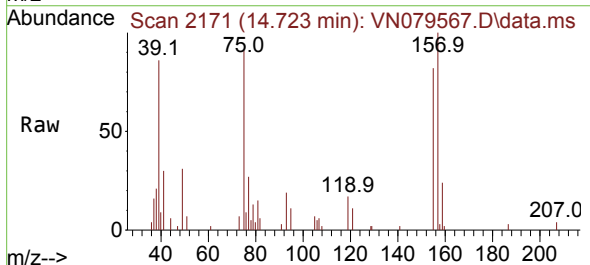
Instrument :
MSVOA_N
ClientSampleId :

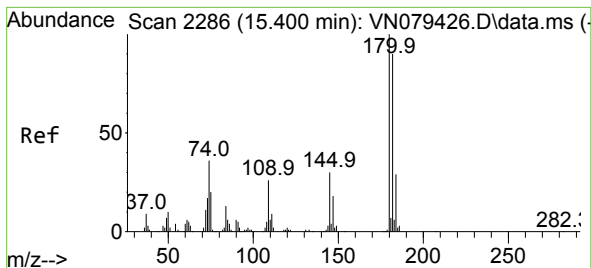
Tgt Ion:146 Resp: 116294
Ion Ratio Lower Upper
146 100
111 43.4 22.0 66.0
148 64.6 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.752 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

Tgt Ion: 75 Resp: 14680
Ion Ratio Lower Upper
75 100
155 79.7 39.1 117.2
157 102.6 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 18.831 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN079567.D

Acq: 13 Oct 2023 13:01

Instrument :

MSVOA_N

ClientSampleId :

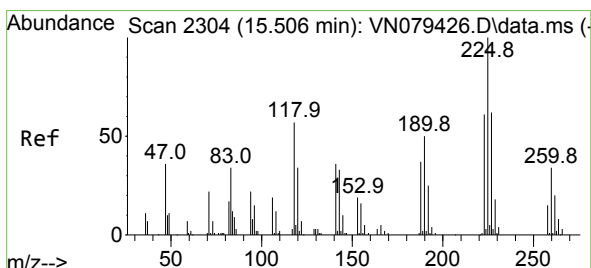
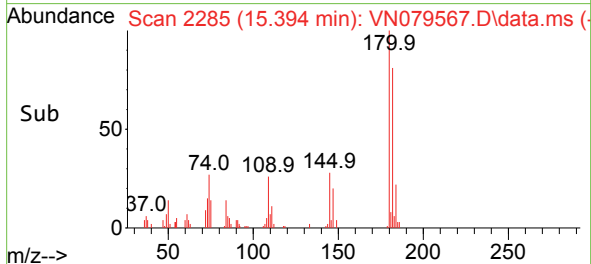
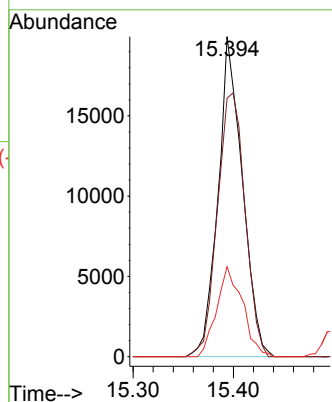
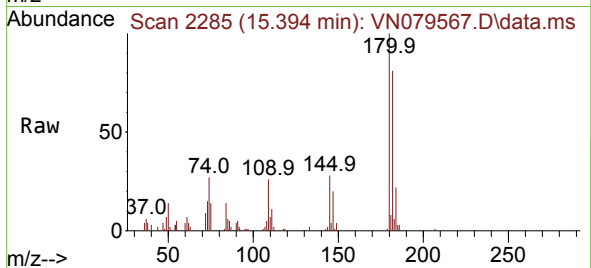
Tgt Ion:180 Resp: 33529

Ion Ratio Lower Upper

180 100

182 93.5 46.1 138.2

145 30.0 16.6 49.8



#94

Hexachlorobutadiene

Concen: 19.507 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN079567.D

Acq: 13 Oct 2023 13:01

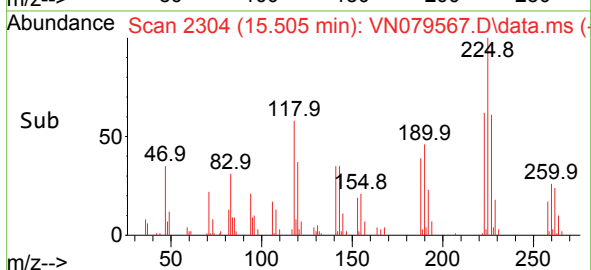
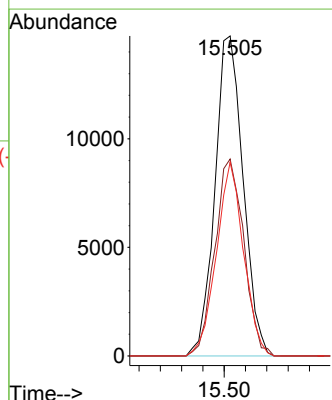
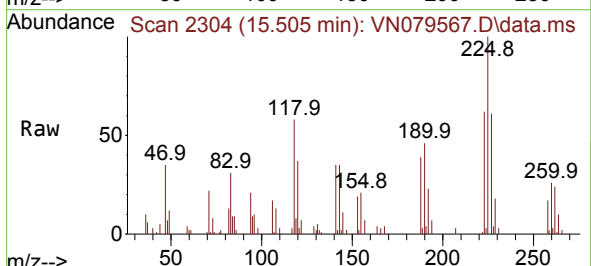
Tgt Ion:225 Resp: 27051

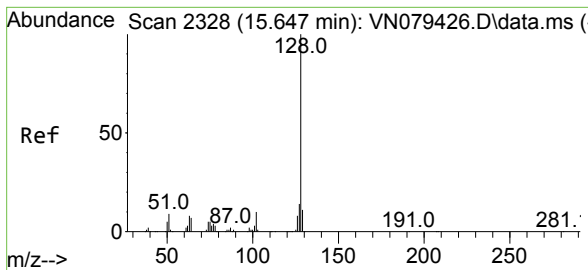
Ion Ratio Lower Upper

225 100

223 63.3 31.3 93.8

227 58.4 31.9 95.9

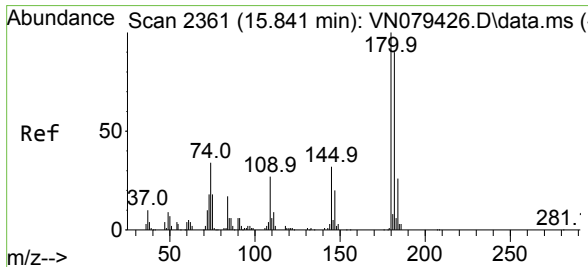
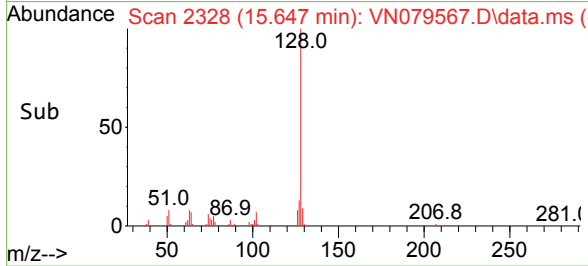
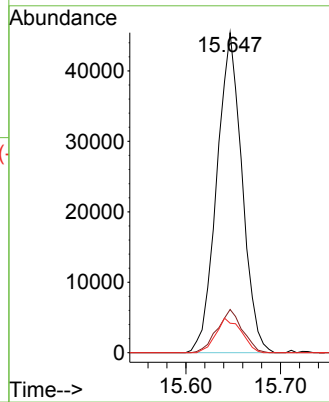
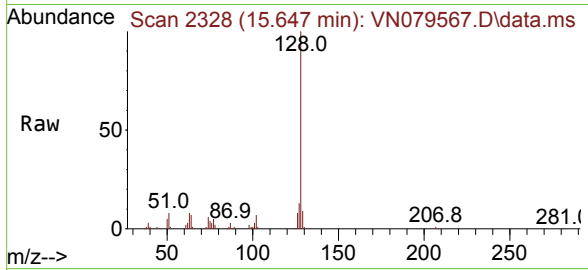




#95
Naphthalene
Concen: 15.453 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 84021
Ion Ratio Lower Upper
128 100
127 13.4 10.0 15.0
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 17.260 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN079567.D
Acq: 13 Oct 2023 13:01

Tgt Ion:180 Resp: 36674
Ion Ratio Lower Upper
180 100
182 97.9 46.2 138.6
145 33.1 17.5 52.6

