

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051024\
 Data File : VN082080.D
 Acq On : 10 May 2024 19:21
 Operator : JC\MD
 Sample : P2430-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 10 23:27:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

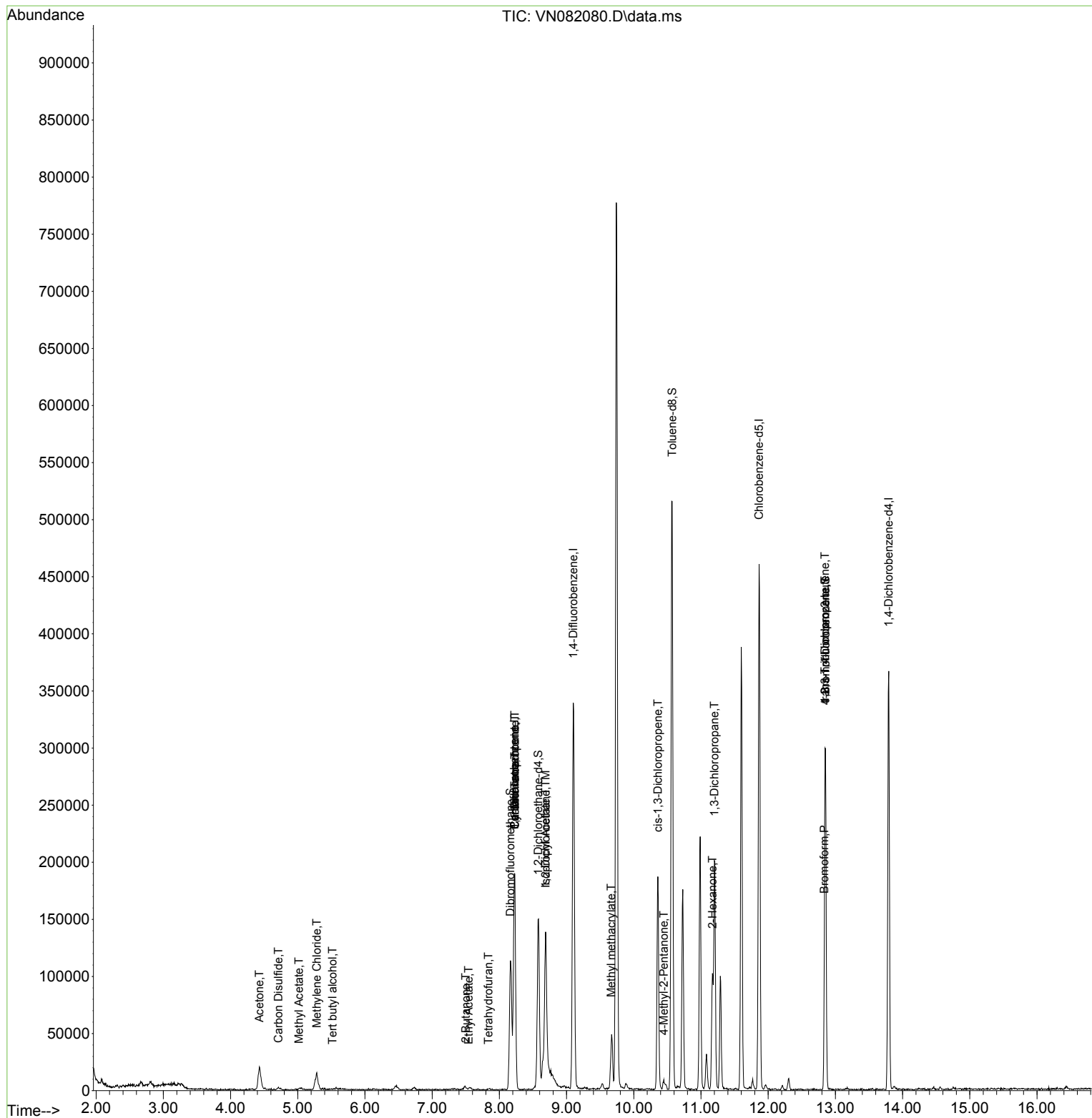
Internal Standards						
1) Pentafluorobenzene	8.224	168	123218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	272745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	239019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	84129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	117408	56.457	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.920%	
35) Dibromofluoromethane	8.165	113	82569	50.281	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.560%	
50) Toluene-d8	10.570	98	349809	54.238	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.480%	
62) 4-Bromofluorobenzene	12.853	95	110576	43.372	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 86.740%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.965	94	132	Below Cal	#	3
11) Tert butyl alcohol	5.518	59	92	0.243	ug/l #	71
13) Acrolein	4.300	56	146	Below Cal	#	15
16) Acetone	4.430	43	36423	54.963	ug/l #	86
17) Carbon Disulfide	4.712	76	969	0.216	ug/l #	74
18) Methyl Acetate	5.018	43	1607	0.763	ug/l #	87
20) Methylene Chloride	5.283	84	9275	5.204	ug/l #	83
25) 2-Butanone	7.500	43	5228	4.429	ug/l	92
29) Tetrahydrofuran	7.835	42	322	0.380	ug/l #	44
31) Cyclohexane	8.229	56	4450	1.420	ug/l #	20
36) 1,1-Dichloropropene	8.229	75	13868	5.191	ug/l #	45
37) Ethyl Acetate	7.541	43	1321	0.457	ug/l #	73
38) Carbon Tetrachloride	8.229	117	14735	5.643	ug/l #	15
42) 1,2-Dichloroethane	8.688	62	947	0.318	ug/l #	73
43) Isopropyl Acetate	8.688	43	194771	35.861	ug/l #	75
48) Methyl methacrylate	9.665	41	4039	1.558	ug/l #	30
51) 4-Methyl-2-Pentanone	10.447	43	6765	2.213	ug/l #	77
54) cis-1,3-Dichloropropene	10.359	75	33047	9.632	ug/l #	68
57) 1,3-Dichloropropane	11.200	76	1906	0.568	ug/l #	42
59) 2-Hexanone	11.170	43	111167	48.856	ug/l #	23
71) Bromoform	12.835	173	291	0.218	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	63531	29.125	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	63531	59.682	ug/l #	12

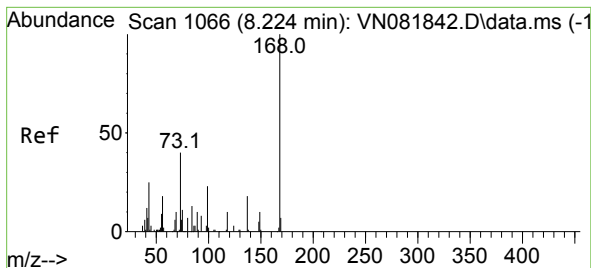
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051024\
Data File : VN082080.D
Acq On : 10 May 2024 19:21
Operator : JC\MD
Sample : P2430-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

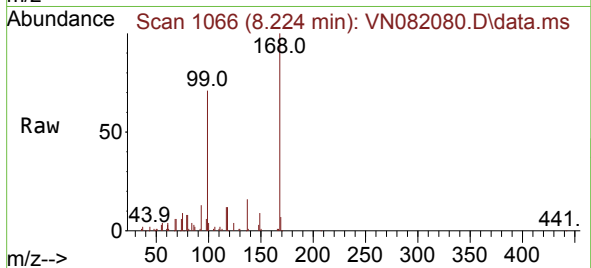
Quant Time: May 10 23:27:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 26 05:26:49 2024
Response via : Initial Calibration



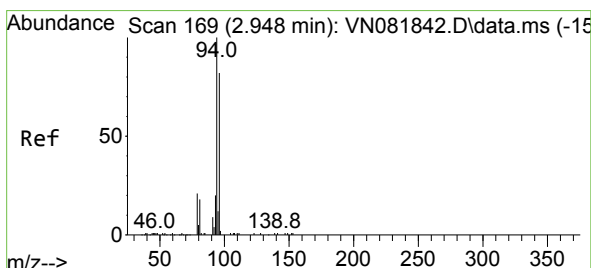
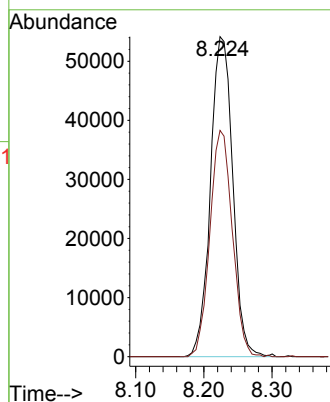
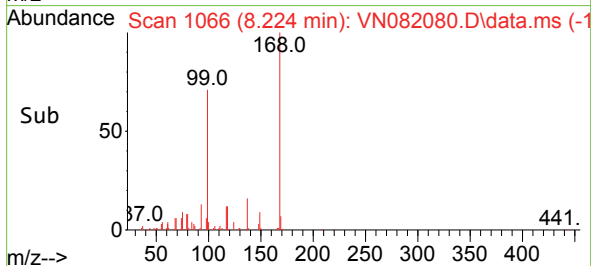


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082080.D
Acq: 10 May 2024 19:21

Instrument :
MSVOA_N
ClientSampleId :

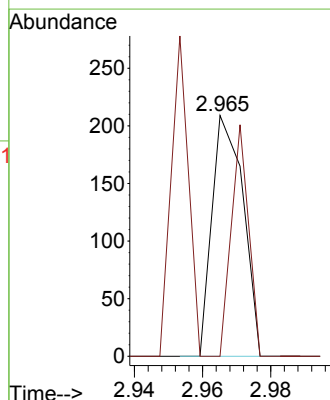
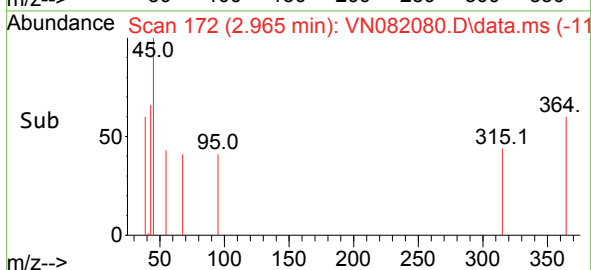
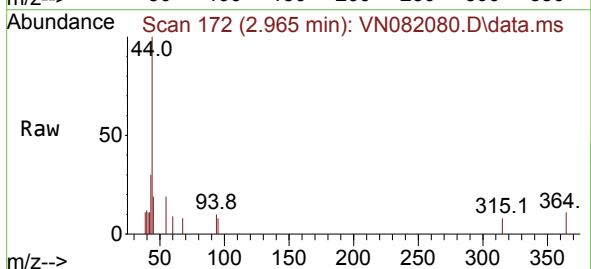


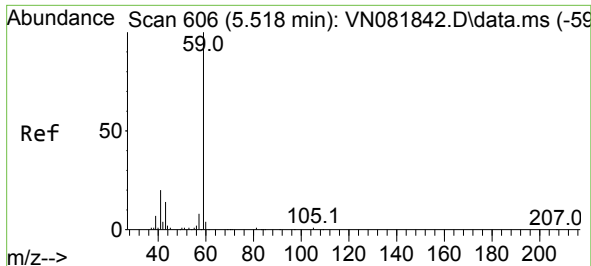
Tgt Ion:168 Resp: 123218
Ion Ratio Lower Upper
168 100
99 70.7 48.2 72.4



#5
Bromomethane
Concen: Below Cal
RT: 2.965 min Scan# 172
Delta R.T. 0.017 min
Lab File: VN082080.D
Acq: 10 May 2024 19:21

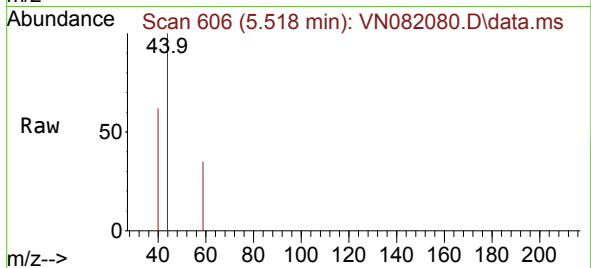
Tgt Ion: 94 Resp: 132
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#



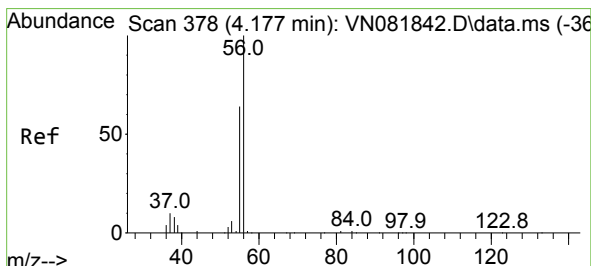
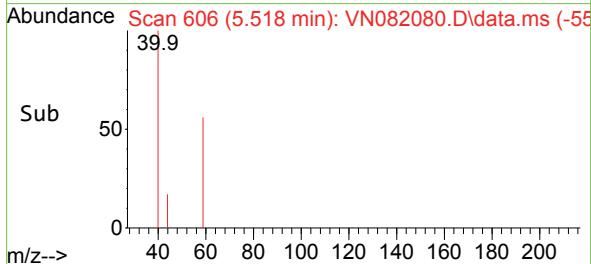
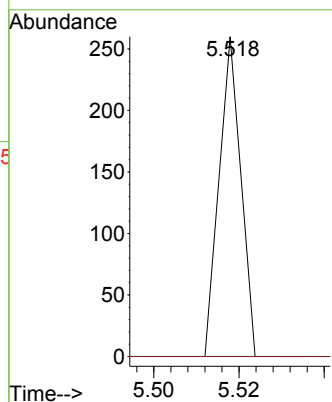


#11
Tert butyl alcohol
Concen: 0.243 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN082080.D
Acq: 10 May 2024 19:21

Instrument :
MSVOA_N
ClientSampleId :

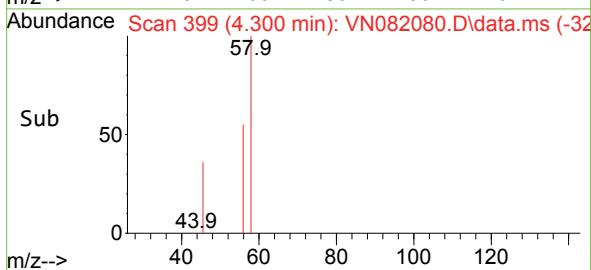
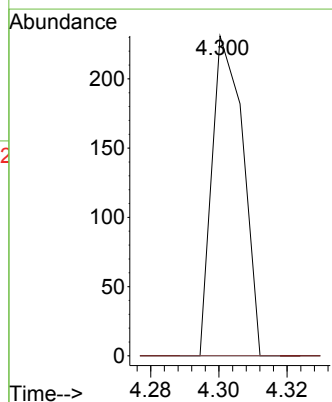
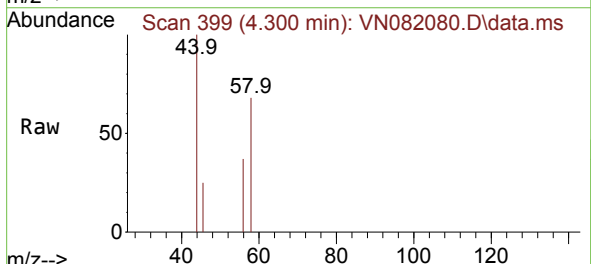


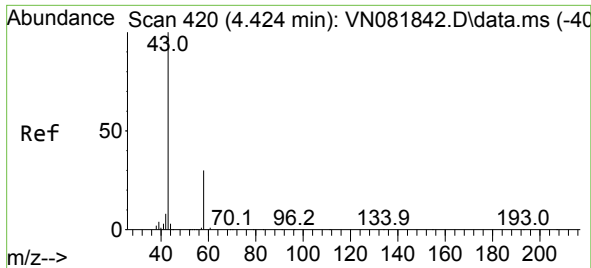
Tgt Ion: 59 Resp: 92
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#13
Acrolein
Concen: Below Cal
RT: 4.300 min Scan# 399
Delta R.T. 0.123 min
Lab File: VN082080.D
Acq: 10 May 2024 19:21

Tgt Ion: 56 Resp: 146
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#

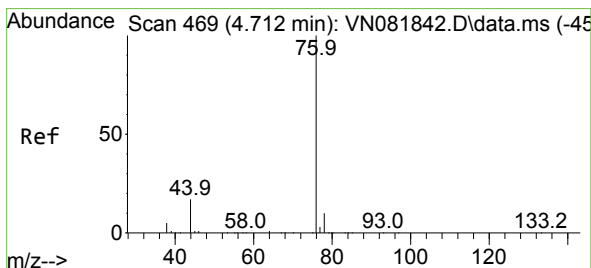
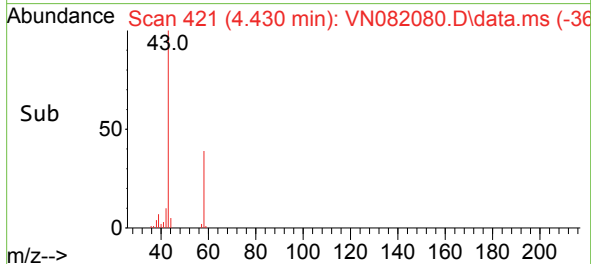
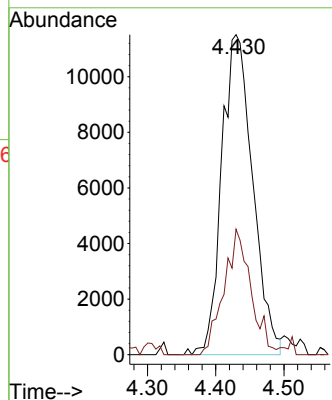
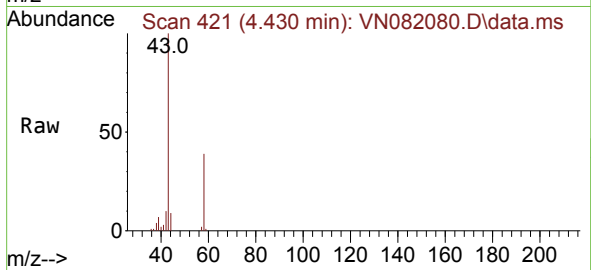




#16
Acetone
Concen: 54.963 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082080.D
Acq: 10 May 2024 19:21

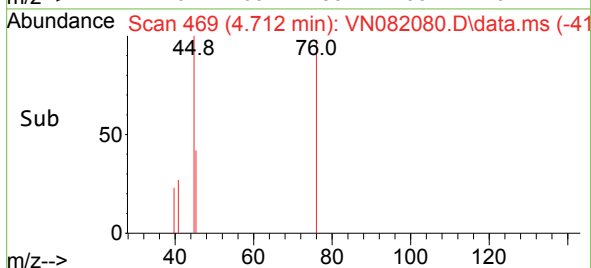
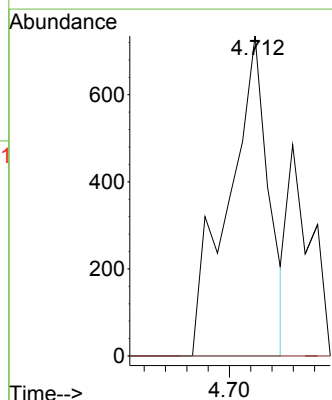
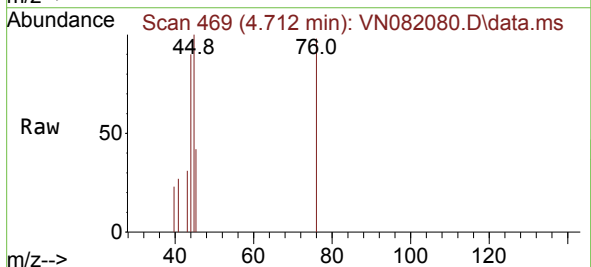
Instrument :
MSVOA_N
ClientSampleId :

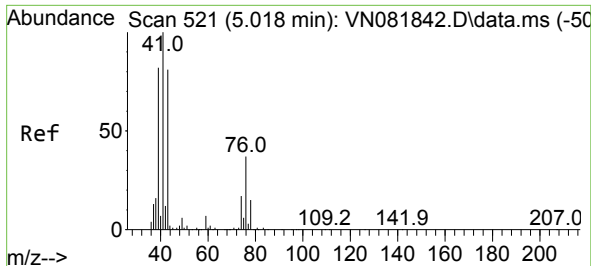
Tgt Ion: 43 Resp: 36423
Ion Ratio Lower Upper
43 100
58 39.2 25.2 37.8#



#17
Carbon Disulfide
Concen: 0.216 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN082080.D
Acq: 10 May 2024 19:21

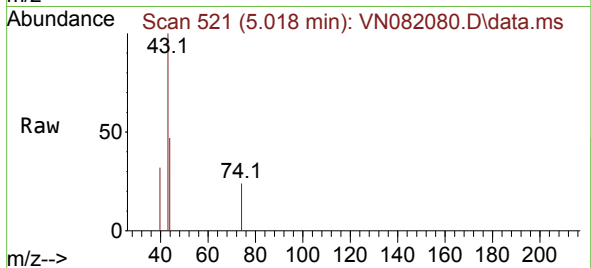
Tgt Ion: 76 Resp: 969
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



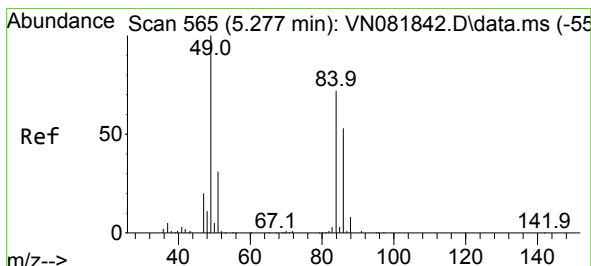
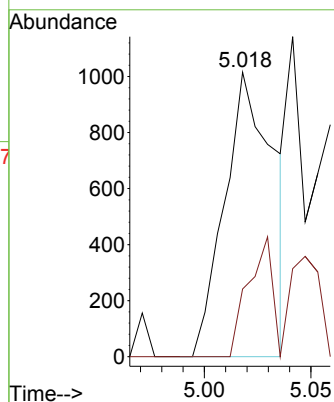
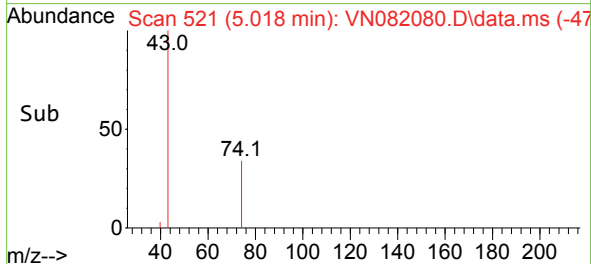


#18
Methyl Acetate
Concen: 0.763 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082080.D
Acq: 10 May 2024 19:21

Instrument :
MSVOA_N
ClientSampleId :

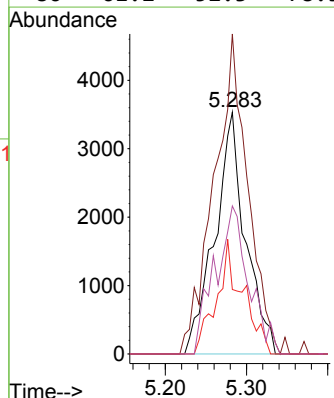
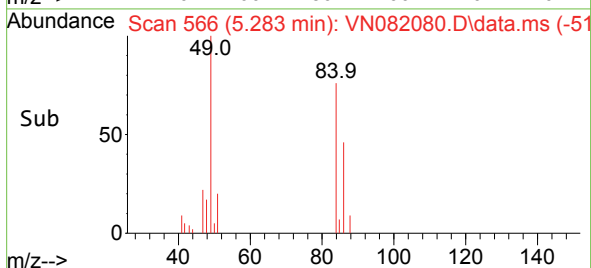
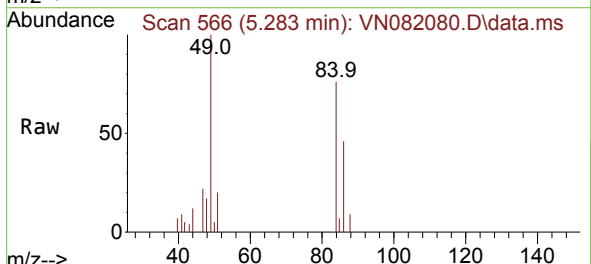


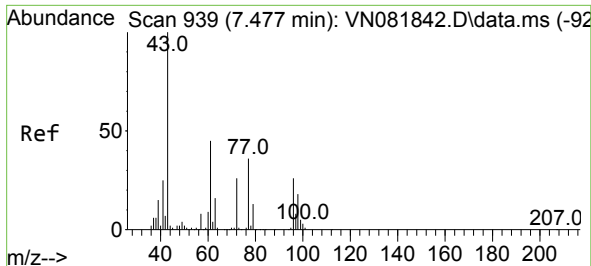
Tgt Ion: 43 Resp: 1607
Ion Ratio Lower Upper
43 100
74 21.0 22.2 33.2#



#20
Methylene Chloride
Concen: 5.204 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN082080.D
Acq: 10 May 2024 19:21

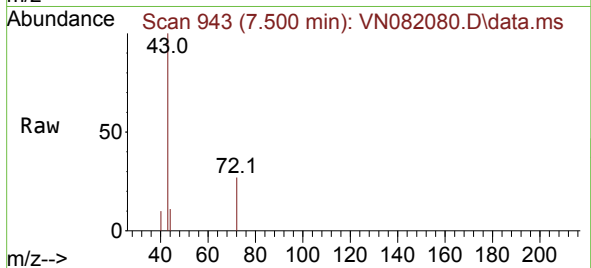
Tgt Ion: 84 Resp: 9275
Ion Ratio Lower Upper
84 100
49 132.3 84.9 127.3#
51 26.7 27.0 40.6#
86 61.2 52.3 78.5



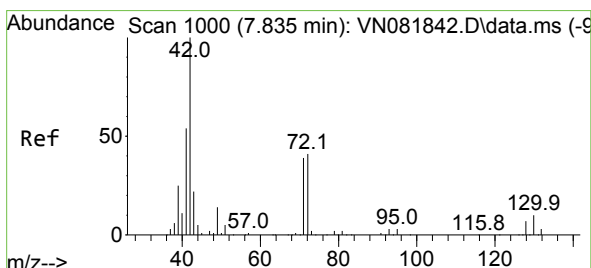
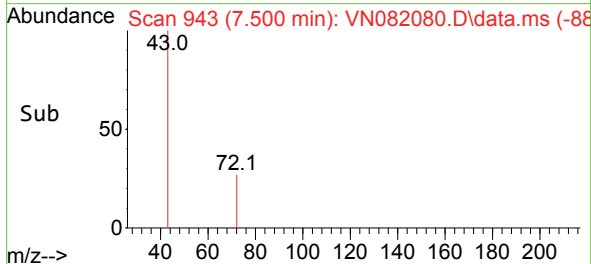
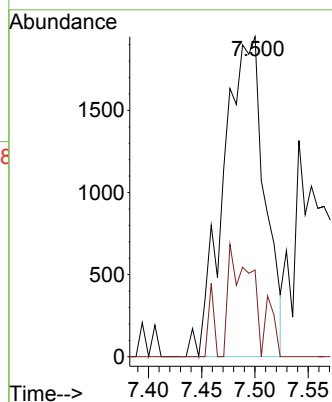


#25
2-Butanone
Concen: 4.429 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.023 min
Lab File: VN082080.D
Acq: 10 May 2024 19:21

Instrument :
MSVOA_N
ClientSampleId :

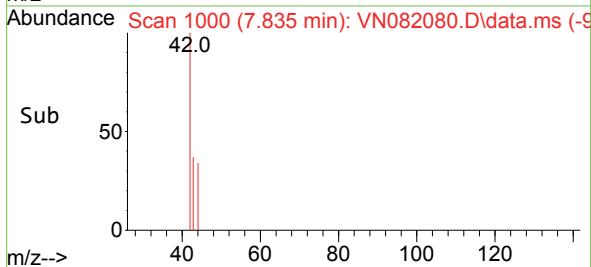
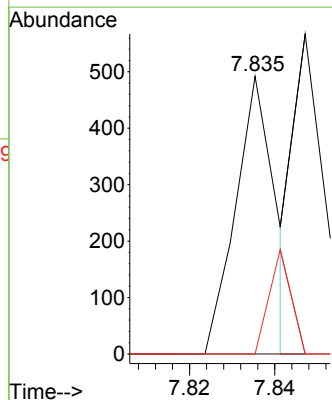
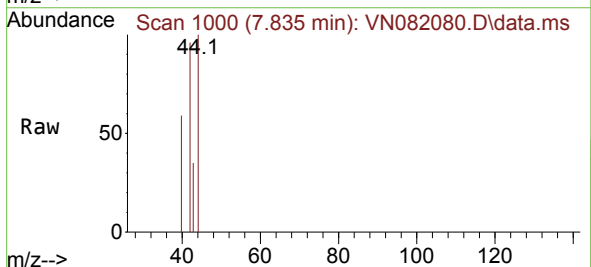


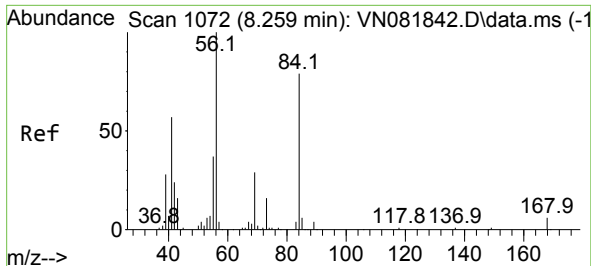
Tgt Ion: 43 Resp: 5228
Ion Ratio Lower Upper
43 100
72 27.1 25.3 37.9



#29
Tetrahydrofuran
Concen: 0.380 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN082080.D
Acq: 10 May 2024 19:21

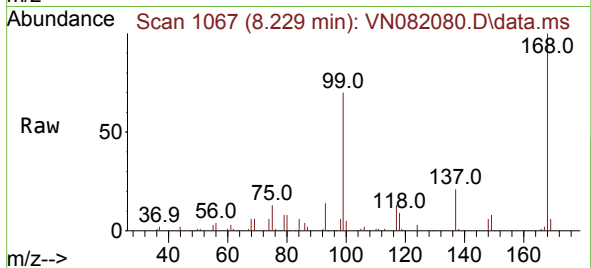
Tgt Ion: 42 Resp: 322
Ion Ratio Lower Upper
42 100
72 0.0 39.3 58.9#
71 20.2 37.4 56.0#



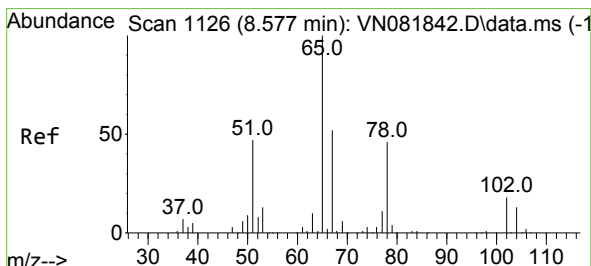
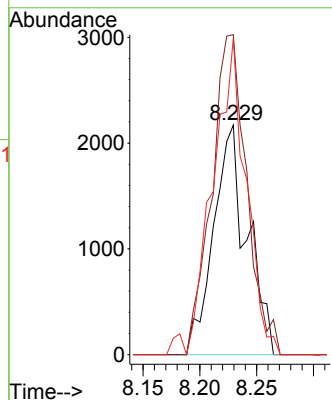
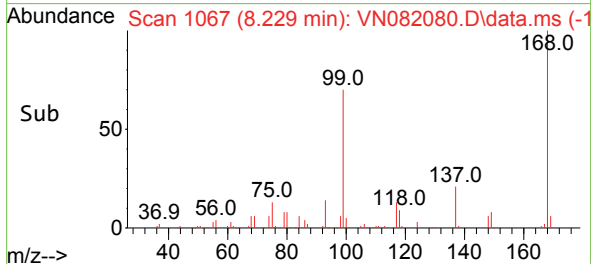


#31
Cyclohexane
Concen: 1.420 ug/l
RT: 8.229 min Scan# 1072
Delta R.T. -0.029 min
Lab File: VN082080.D
Acq: 10 May 2024 19:21

Instrument :
MSVOA_N
ClientSampleId :

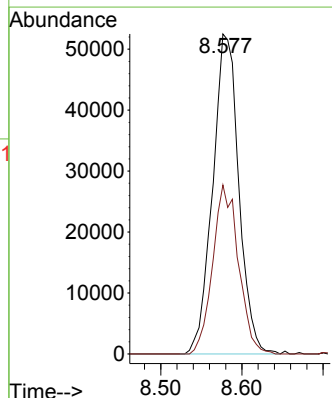
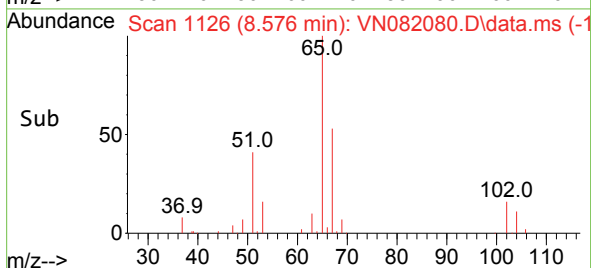
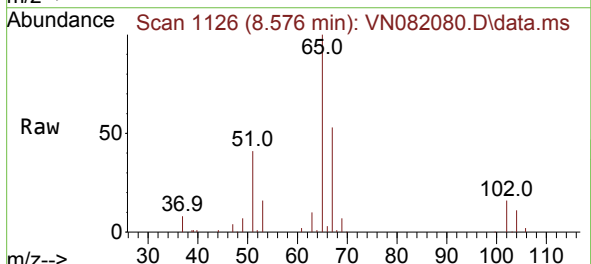


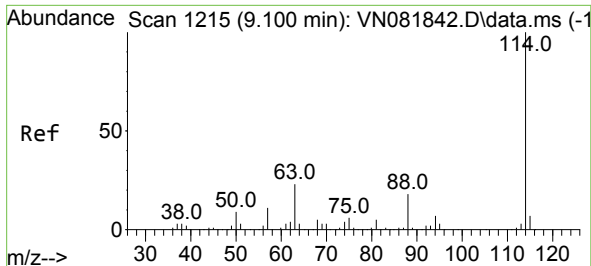
Tgt Ion: 56 Resp: 4450
Ion Ratio Lower Upper
56 100
69 139.3 24.4 36.6#
84 137.9 77.0 115.4#



#33
1,2-Dichloroethane-d4
Concen: 56.457 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082080.D
Acq: 10 May 2024 19:21

Tgt Ion: 65 Resp: 117408
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.0

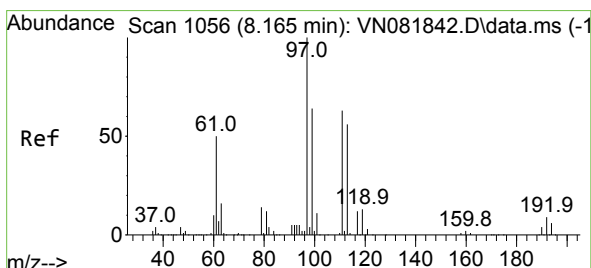
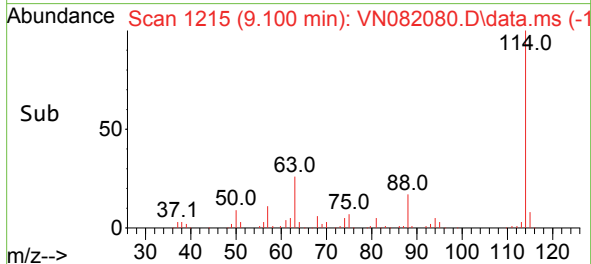
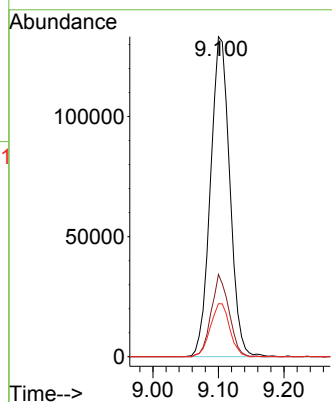
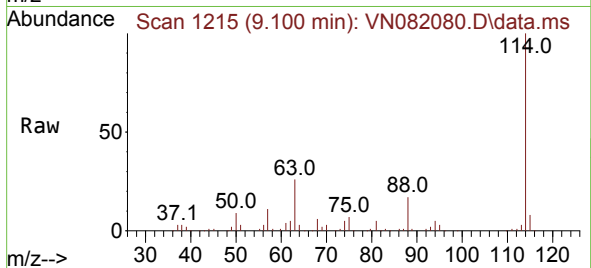




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082080.D
Acq: 10 May 2024 19:21

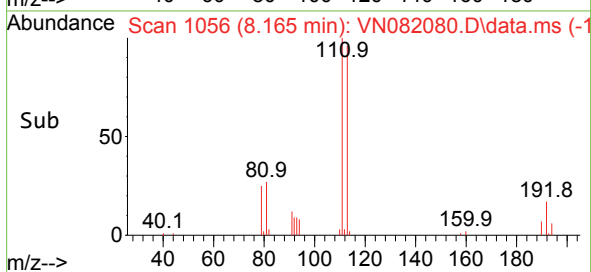
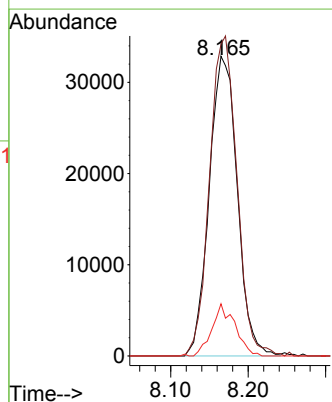
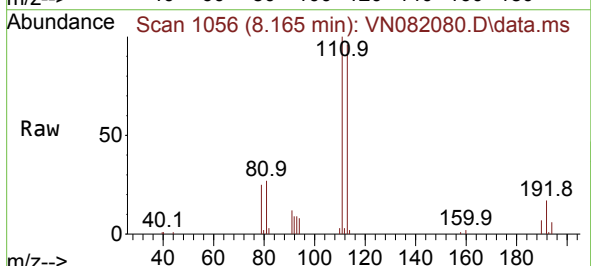
Instrument :
MSVOA_N
ClientSampleId :

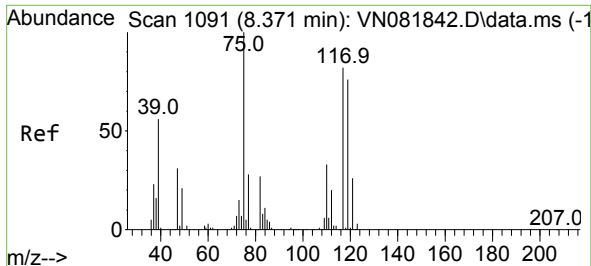
Tgt Ion:114 Resp: 272745
Ion Ratio Lower Upper
114 100
63 25.7 0.0 41.0
88 16.5 0.0 31.4



#35
Dibromofluoromethane
Concen: 50.281 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082080.D
Acq: 10 May 2024 19:21

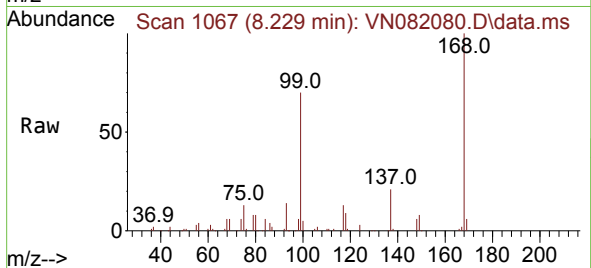
Tgt Ion:113 Resp: 82569
Ion Ratio Lower Upper
113 100
111 104.2 83.4 125.2
192 14.4 14.0 21.0



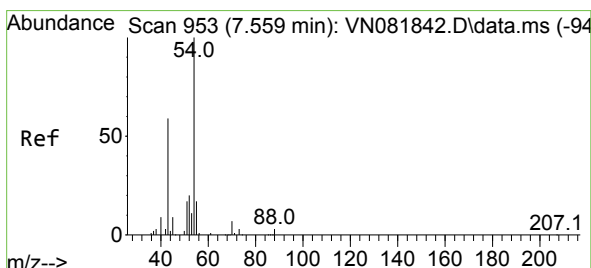
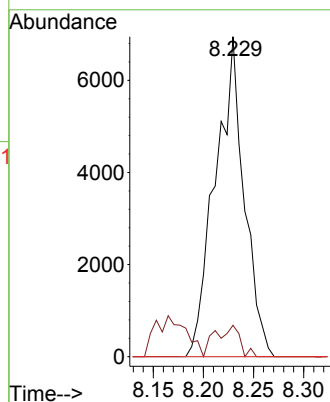
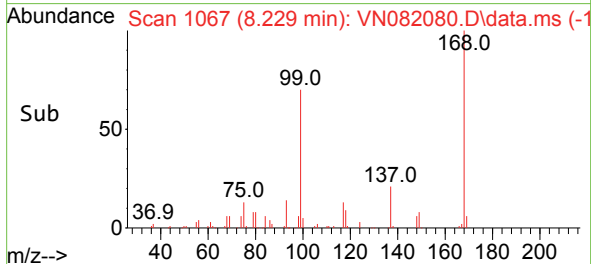


#36
1,1-Dichloropropene
Concen: 5.191 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082080.D
Acq: 10 May 2024 19:21

Instrument :
MSVOA_N
ClientSampleId :

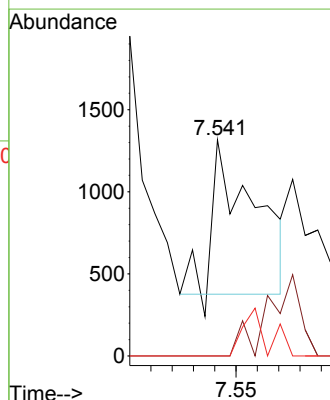
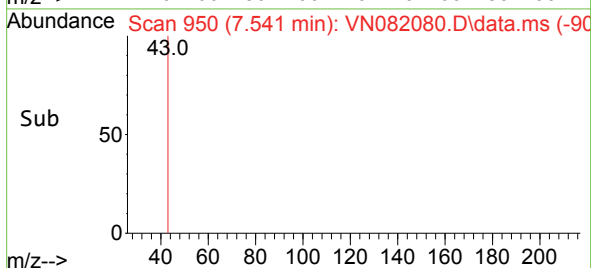
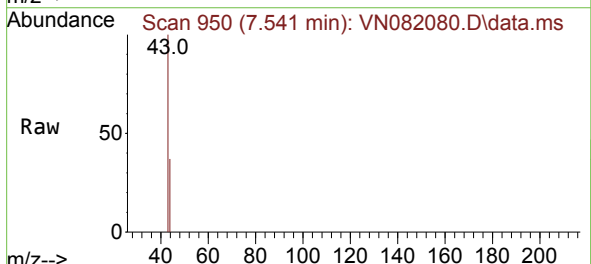


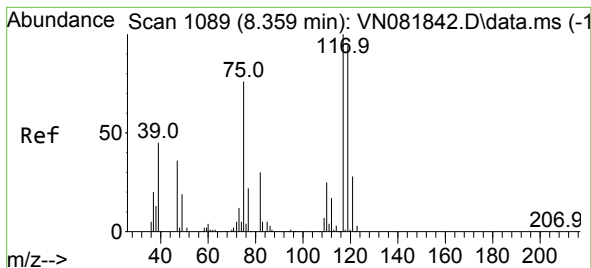
Tgt Ion: 75 Resp: 13868
Ion Ratio Lower Upper
75 100
110 4.8 17.8 53.5#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 0.457 ug/l
RT: 7.541 min Scan# 950
Delta R.T. -0.018 min
Lab File: VN082080.D
Acq: 10 May 2024 19:21

Tgt Ion: 43 Resp: 1321
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 17.7 8.7 13.1#





#38

Carbon Tetrachloride

Concen: 5.643 ug/l

RT: 8.229 min Scan# 1

Delta R.T. -0.129 min

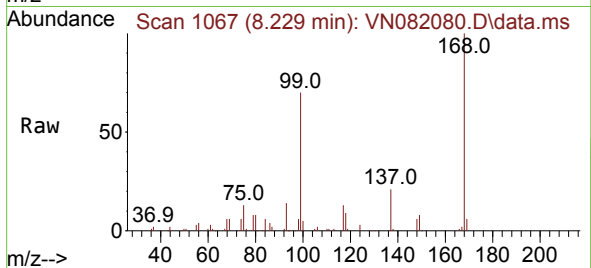
Lab File: VN082080.D

Acq: 10 May 2024 19:21

Instrument :

MSVOA_N

ClientSampleId :



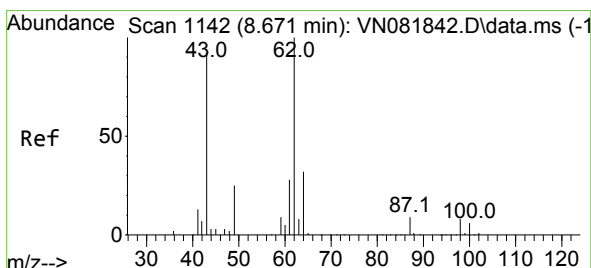
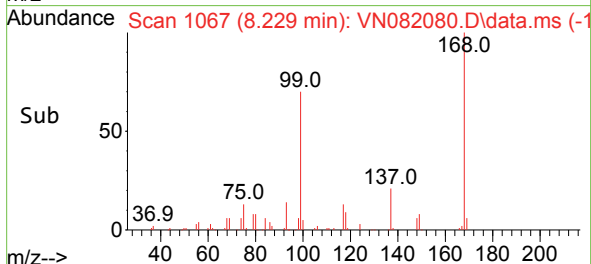
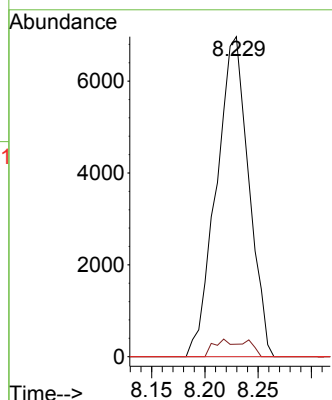
Tgt Ion:117 Resp: 14735

Ion Ratio Lower Upper

117 100

119 3.9 76.5 114.7#

121 0.0 23.9 35.9#



#42

1,2-Dichloroethane

Concen: 0.318 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.018 min

Lab File: VN082080.D

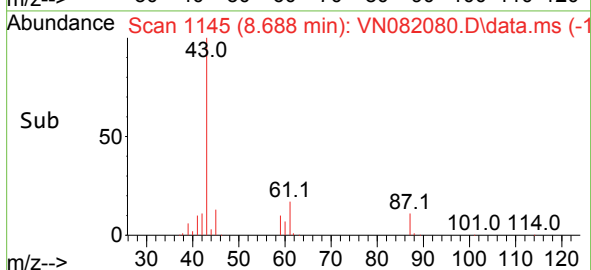
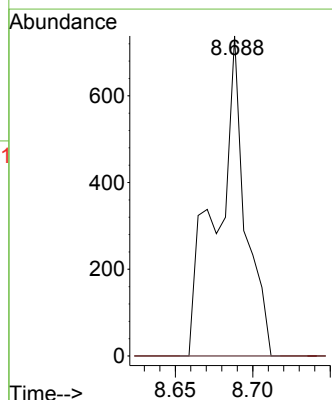
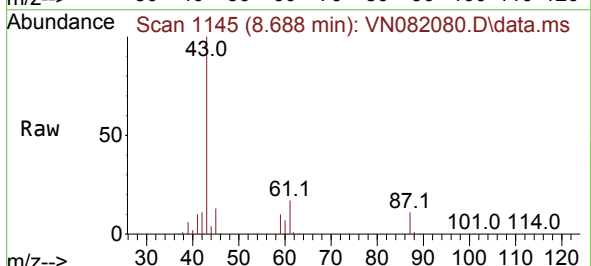
Acq: 10 May 2024 19:21

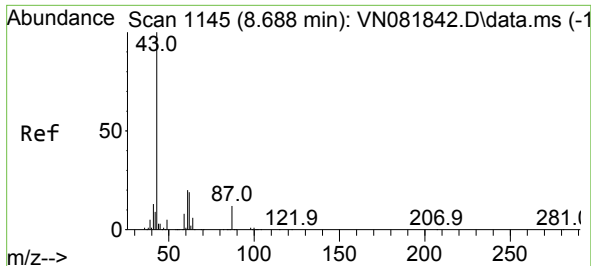
Tgt Ion: 62 Resp: 947

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.6

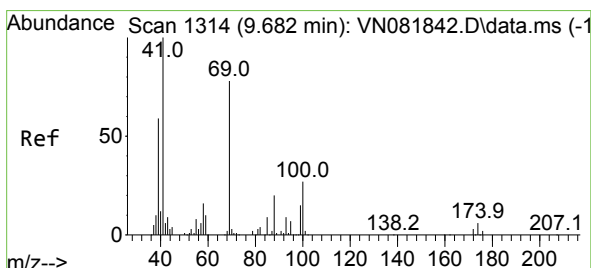
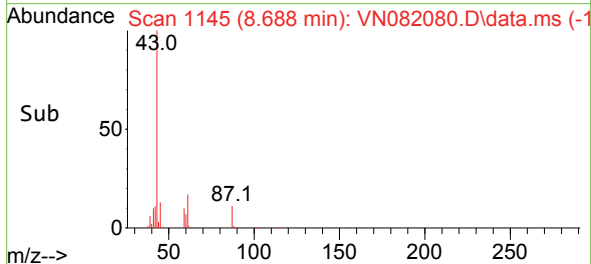
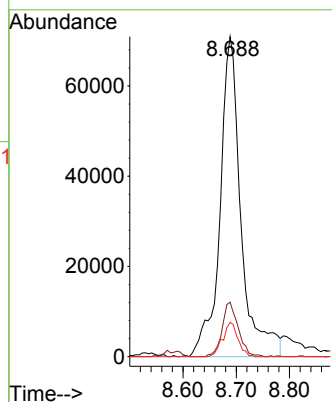
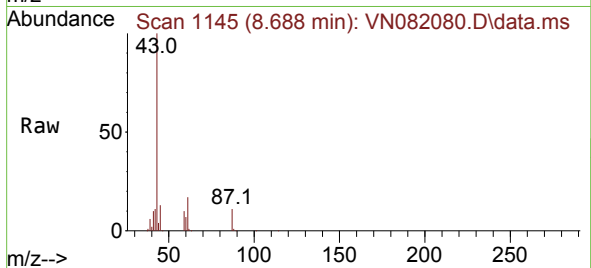




#43
Isopropyl Acetate
Concen: 35.861 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082080.D
Acq: 10 May 2024 19:21

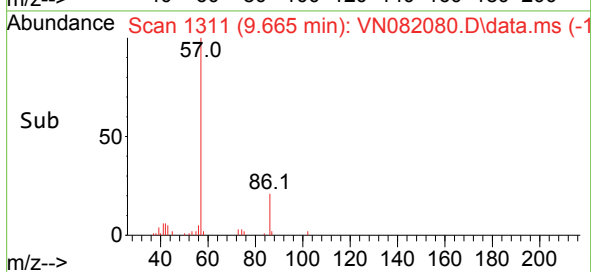
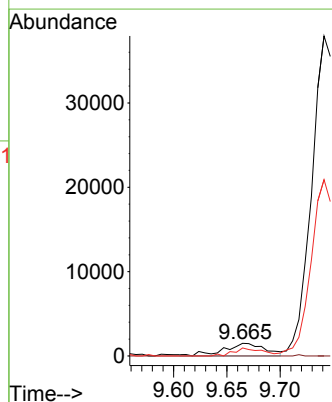
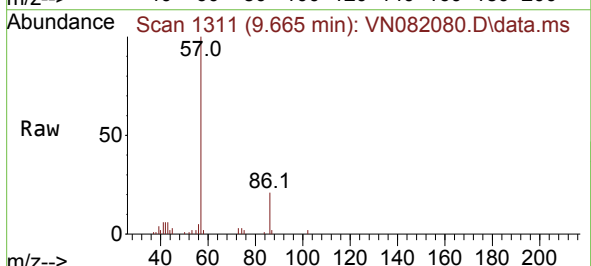
Instrument :
MSVOA_N
ClientSampleId :

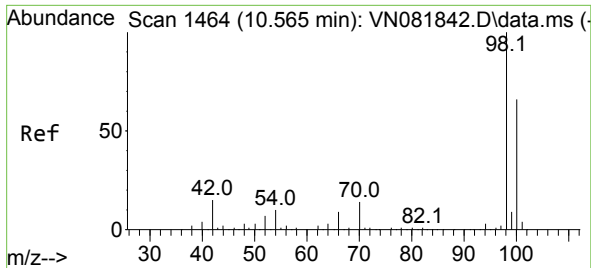
Tgt Ion: 43 Resp: 194771
Ion Ratio Lower Upper
43 100
61 13.0 22.8 34.2#
87 7.8 12.0 18.0#



#48
Methyl methacrylate
Concen: 1.558 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.018 min
Lab File: VN082080.D
Acq: 10 May 2024 19:21

Tgt Ion: 41 Resp: 4039
Ion Ratio Lower Upper
41 100
69 0.0 77.9 116.9#
39 43.2 50.9 76.3#

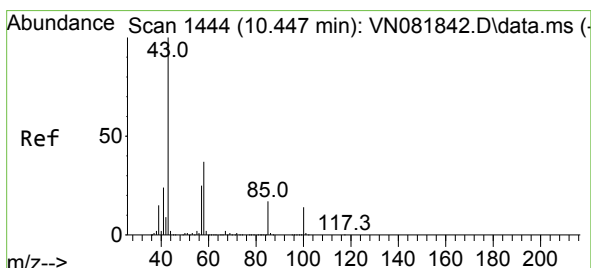
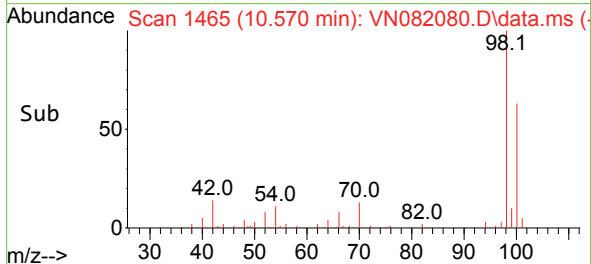
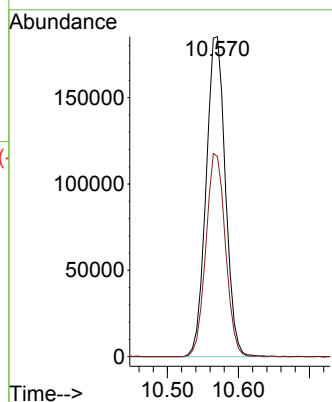
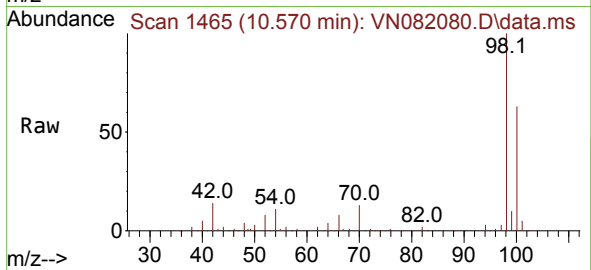




#50
Toluene-d8
Concen: 54.238 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN082080.D
Acq: 10 May 2024 19:21

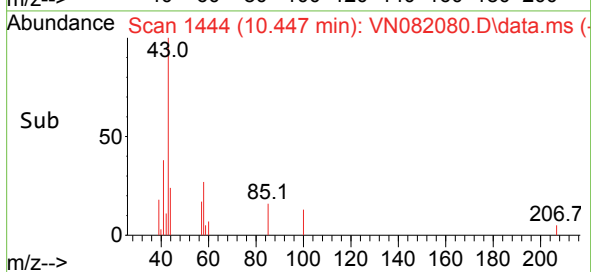
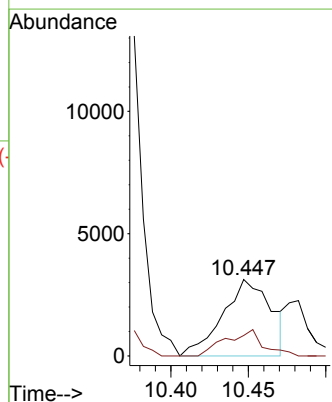
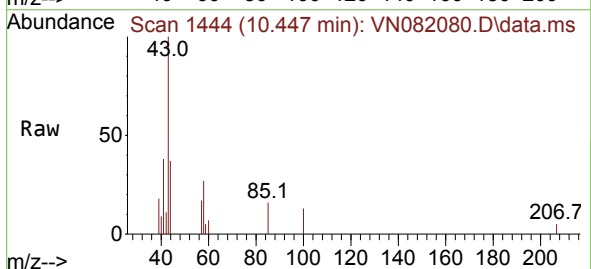
Instrument :
MSVOA_N
ClientSampleId :

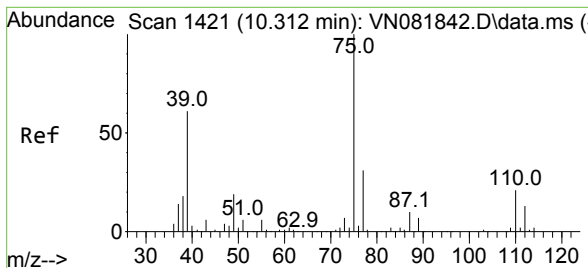
Tgt Ion: 98 Resp: 349809
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 2.213 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082080.D
Acq: 10 May 2024 19:21

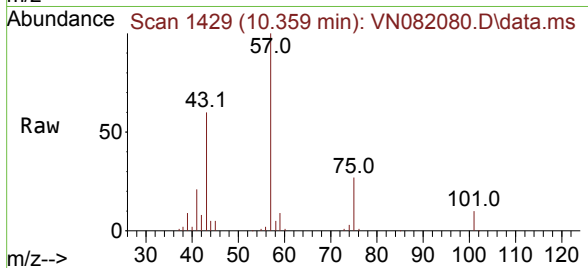
Tgt Ion: 43 Resp: 6765
Ion Ratio Lower Upper
43 100
58 26.7 33.2 49.8#



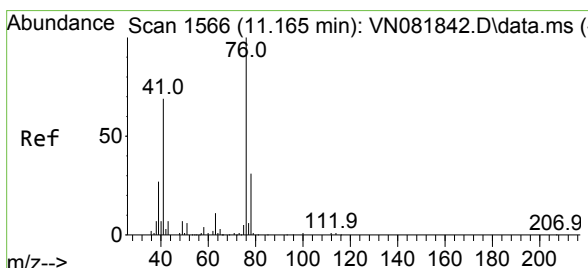
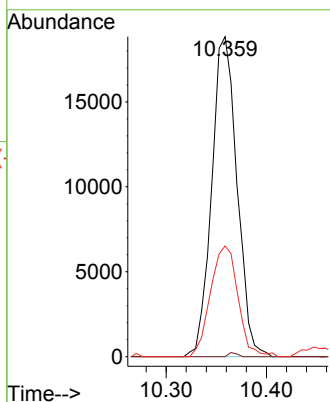
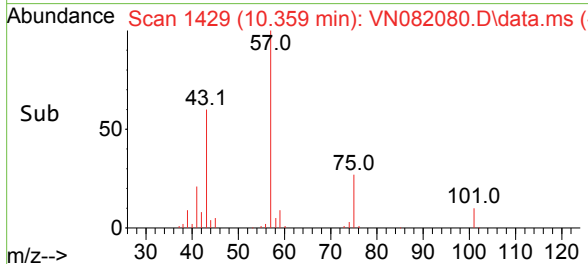


#54
cis-1,3-Dichloropropene
Concen: 9.632 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.047 min
Lab File: VN082080.D
Acq: 10 May 2024 19:21

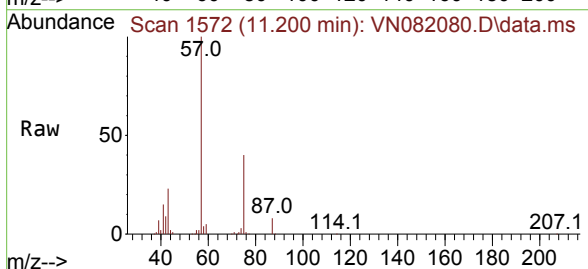
Instrument :
MSVOA_N
ClientSampleId :



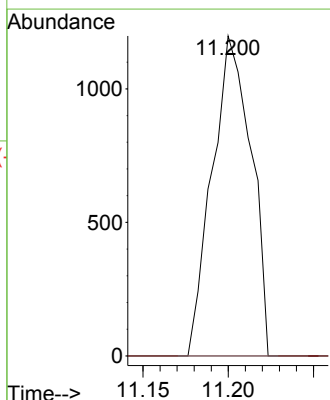
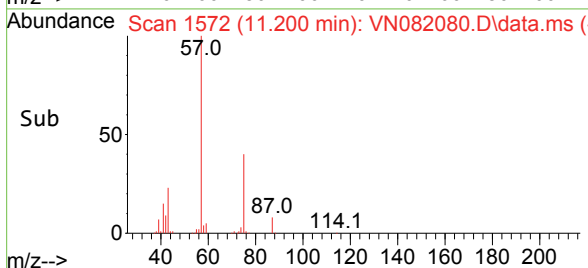
Tgt Ion: 75 Resp: 33047
Ion Ratio Lower Upper
75 100
77 0.0 25.0 37.4#
39 34.6 34.8 52.2#

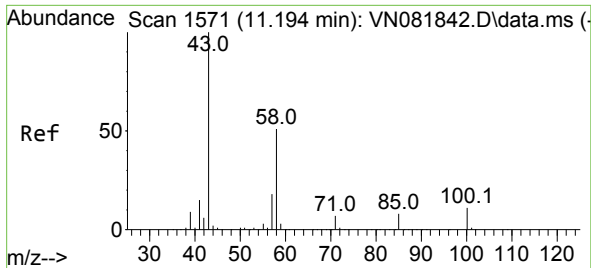


#57
1,3-Dichloropropane
Concen: 0.568 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.035 min
Lab File: VN082080.D
Acq: 10 May 2024 19:21



Tgt Ion: 76 Resp: 1906
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.6#

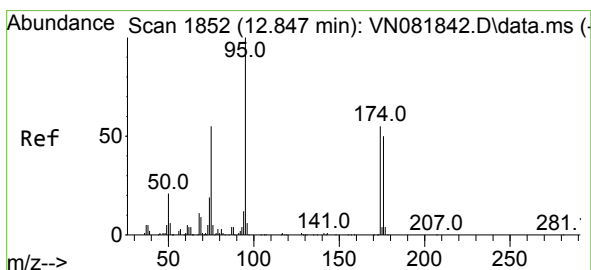
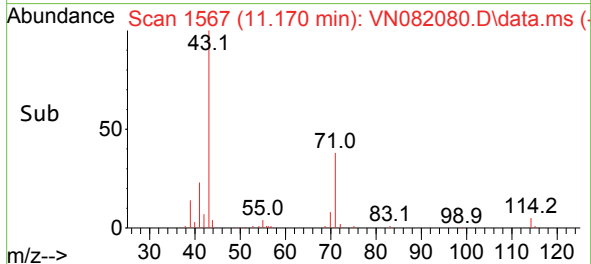
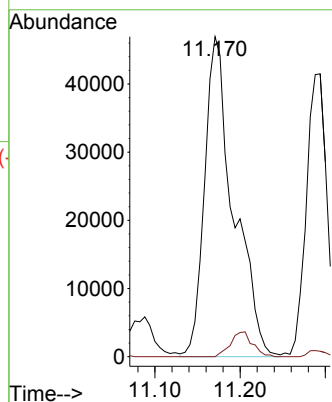
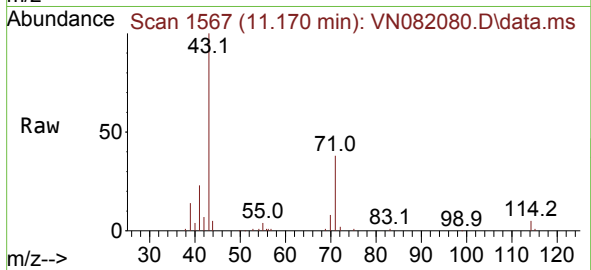




#59
2-Hexanone
Concen: 48.856 ug/l
RT: 11.170 min Scan# 111167
Delta R.T. -0.024 min
Lab File: VN082080.D
Acq: 10 May 2024 19:21

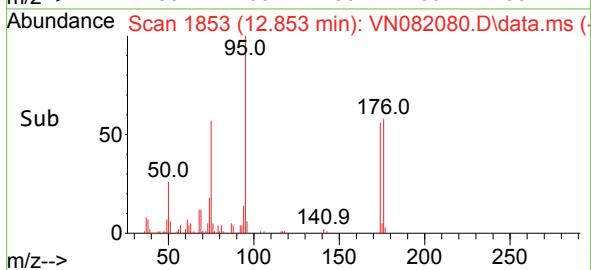
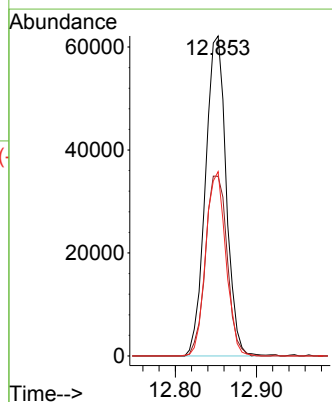
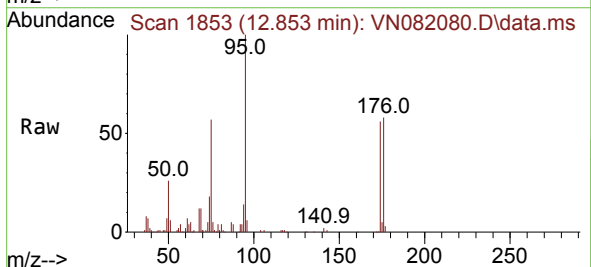
Instrument :
MSVOA_N
ClientSampleId :

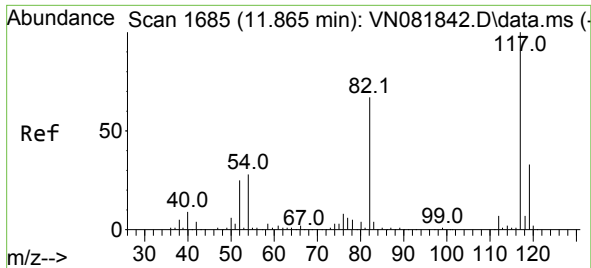
Tgt Ion: 43 Resp: 111167
Ion Ratio Lower Upper
43 100
58 0.0 28.3 84.9#



#62
4-Bromofluorobenzene
Concen: 43.372 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082080.D
Acq: 10 May 2024 19:21

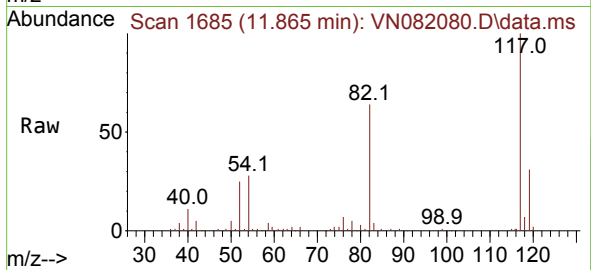
Tgt Ion: 95 Resp: 110576
Ion Ratio Lower Upper
95 100
174 58.7 0.0 160.6
176 55.8 0.0 152.8



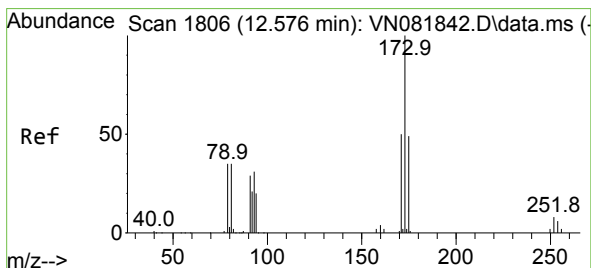
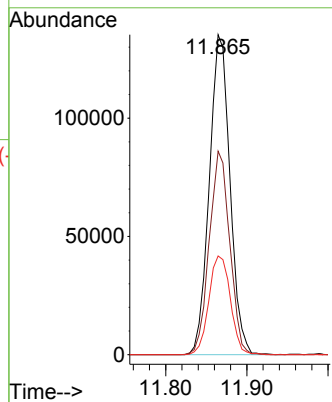
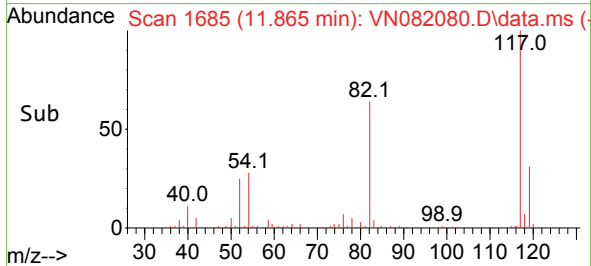


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082080.D
Acq: 10 May 2024 19:21

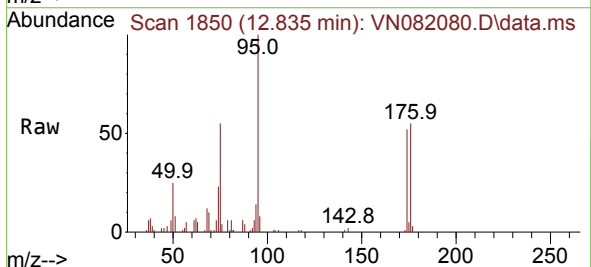
Instrument :
MSVOA_N
ClientSampleId :



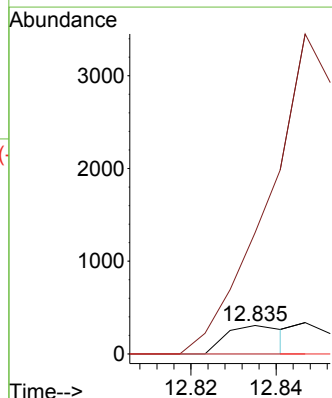
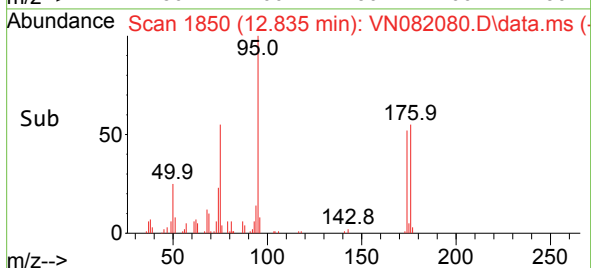
Tgt Ion:117 Resp: 239019
Ion Ratio Lower Upper
117 100
82 63.6 44.6 66.8
119 30.9 25.9 38.9

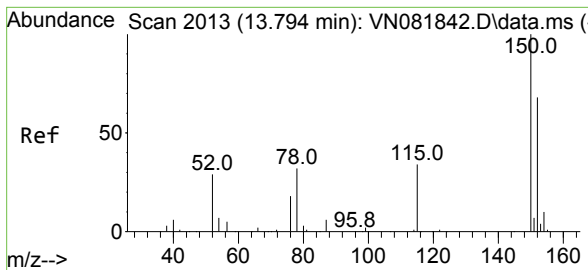


#71
Bromoform
Concen: 0.218 ug/l
RT: 12.835 min Scan# 1850
Delta R.T. 0.259 min
Lab File: VN082080.D
Acq: 10 May 2024 19:21



Tgt Ion:173 Resp: 291
Ion Ratio Lower Upper
173 100
175 1284.2 24.6 74.0#
254 0.0 0.0 0.0

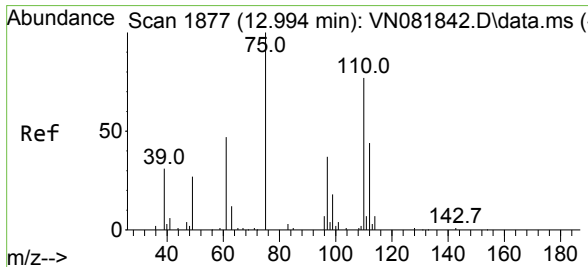
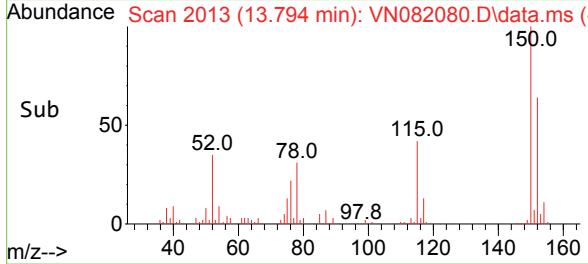
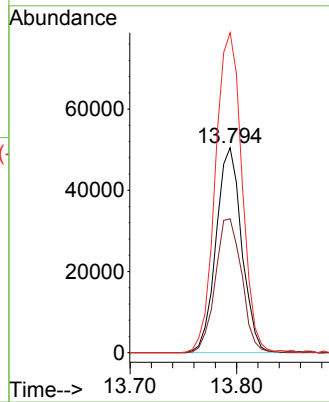
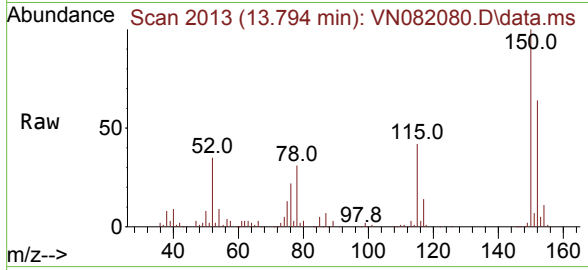




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN082080.D
 Acq: 10 May 2024 19:21

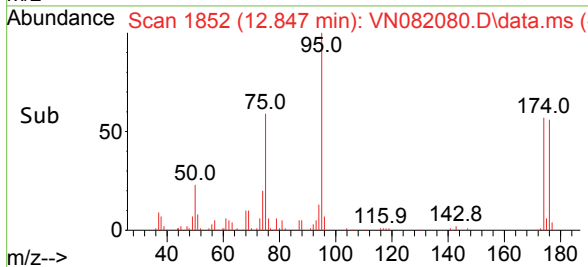
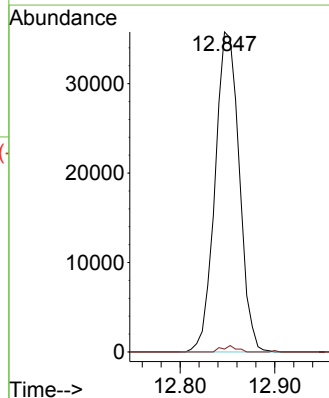
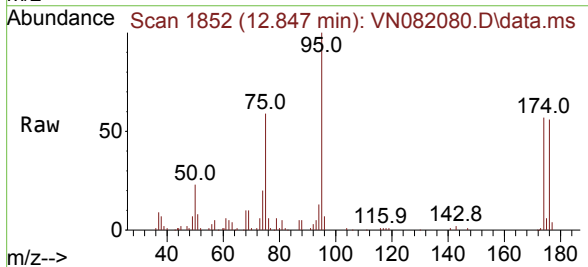
Instrument :
 MSVOA_N
 ClientSampleId :

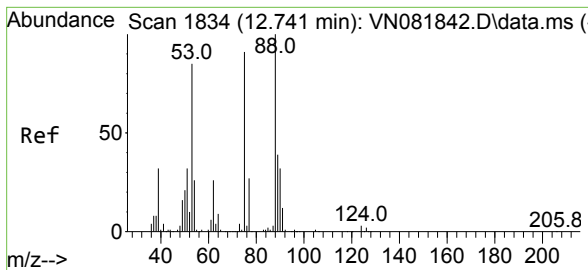
Tgt Ion:152 Resp: 84129
 Ion Ratio Lower Upper
 152 100
 115 67.5 30.4 91.3
 150 162.3 0.0 353.2



#76
 1,2,3-Trichloropropane
 Concen: 29.125 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN082080.D
 Acq: 10 May 2024 19:21

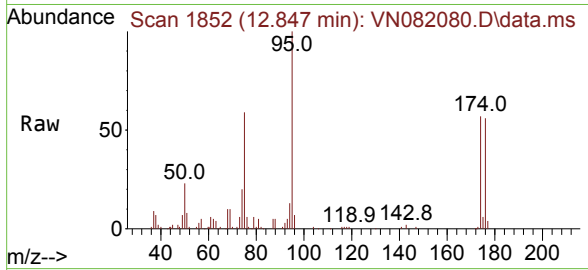
Tgt Ion: 75 Resp: 63531
 Ion Ratio Lower Upper
 75 100
 77 1.2 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.682 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN082080.D
 Acq: 10 May 2024 19:21

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 63531
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.9 109.3#
 89 0.0 39.1 58.7#

