

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
 Data File : VN080523.D
 Acq On : 19 Dec 2023 16:21
 Operator : JC\MD
 Sample : 05874-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 20 04:04:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

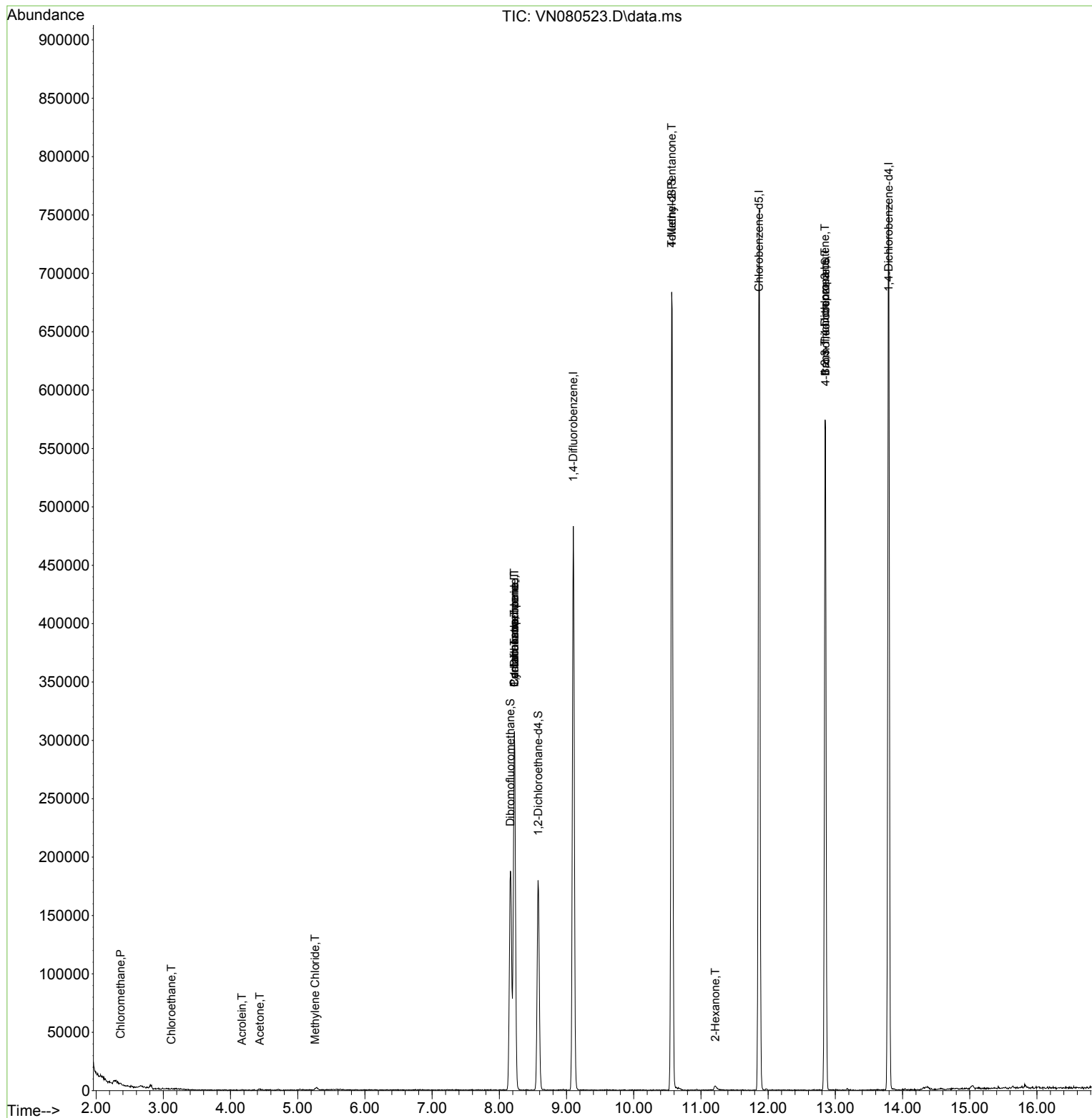
Internal Standards						
1) Pentafluorobenzene	8.224	168	217094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	412129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	436971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	208635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	159642	57.575	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.140%			
35) Dibromofluoromethane	8.165	113	133665	51.153	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.300%			
50) Toluene-d8	10.565	98	484945	49.762	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.520%			
62) 4-Bromofluorobenzene	12.853	95	203217	54.915	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.840%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	2259	0.377	ug/l	99
6) Chloroethane	3.118	64	349	0.229	ug/l #	43
13) Acrolein	4.171	56	206	0.576	ug/l #	48
16) Acetone	4.436	43	1534	3.120	ug/l	94
20) Methylene Chloride	5.259	84	847	0.322	ug/l #	57
31) Cyclohexane	8.224	56	4665	1.237	ug/l #	29
36) 1,1-Dichloropropene	8.224	75	17319	4.054	ug/l #	49
38) Carbon Tetrachloride	8.224	117	24599	4.818	ug/l #	16
51) 4-Methyl-2-Pentanone	10.565	43	1840	0.695	ug/l #	1
59) 2-Hexanone	11.212	43	1147	0.586	ug/l #	19
76) 1,2,3-Trichloropropane	12.847	75	111727	26.843	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	111727	70.479	ug/l #	15

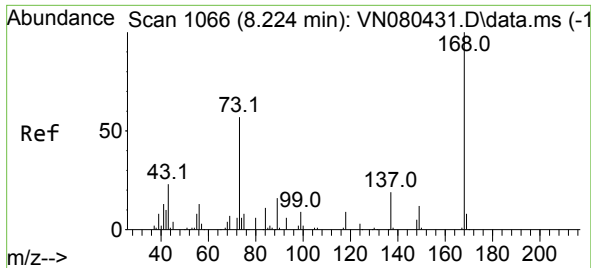
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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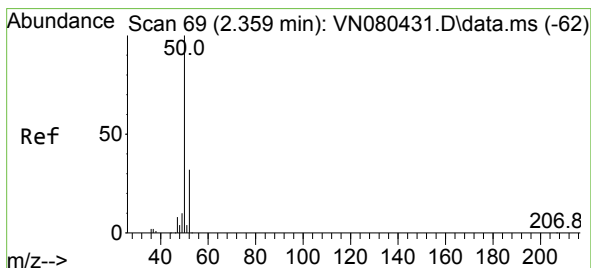
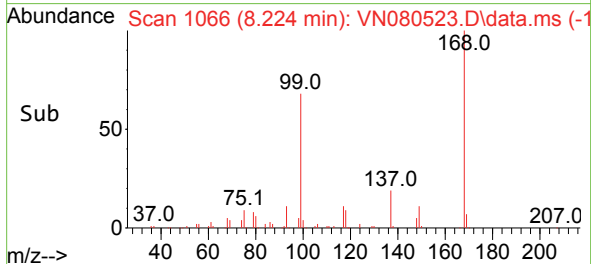
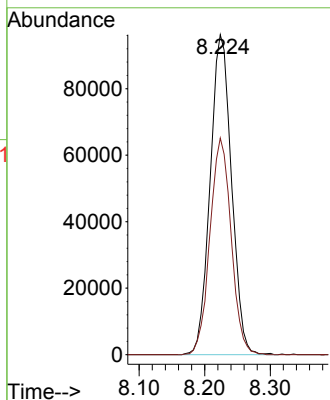
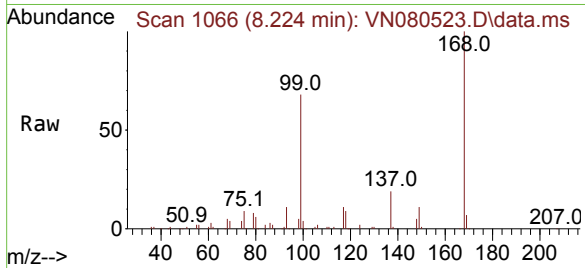




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080523.D
Acq: 19 Dec 2023 16:21

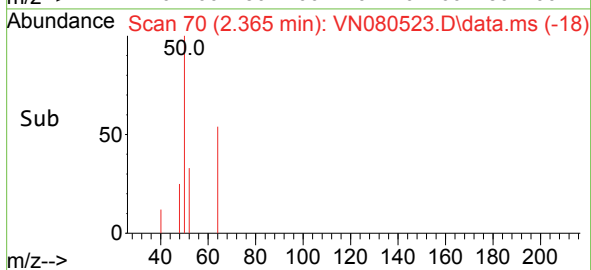
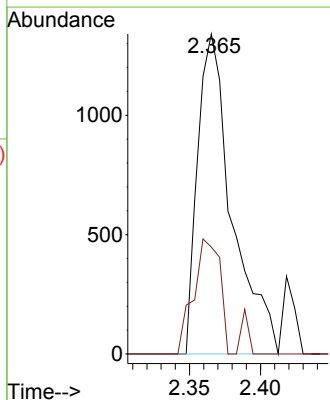
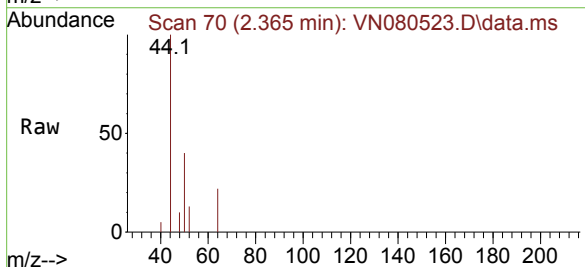
Instrument :
MSVOA_N
ClientSampleId :

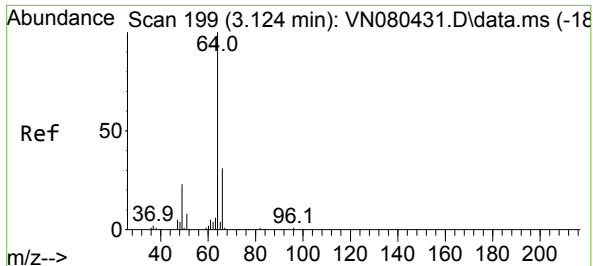
Tgt Ion:168 Resp: 217094
Ion Ratio Lower Upper
168 100
99 67.7 53.0 79.6



#3
Chloromethane
Concen: 0.377 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080523.D
Acq: 19 Dec 2023 16:21

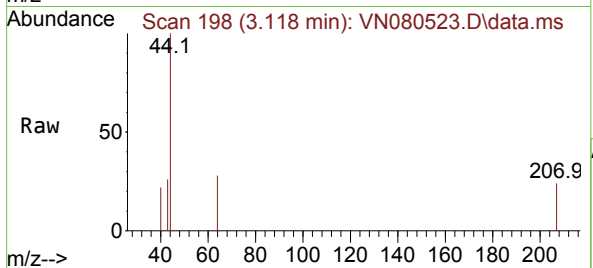
Tgt Ion: 50 Resp: 2259
Ion Ratio Lower Upper
50 100
52 33.4 26.5 39.7



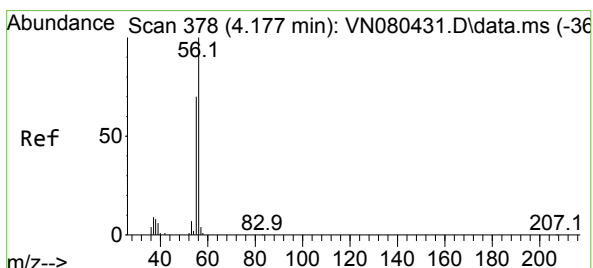
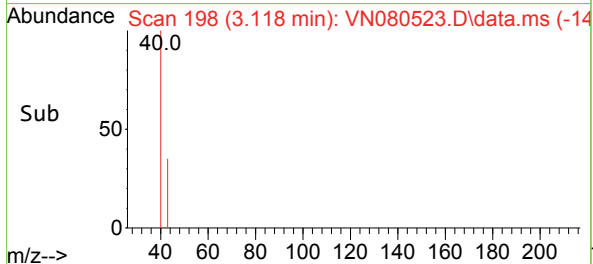
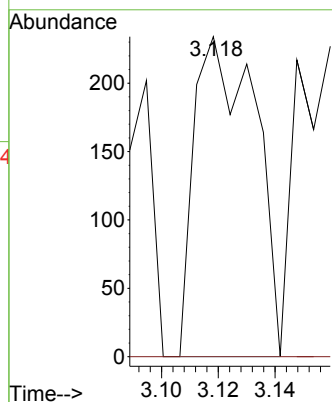


#6
Chloroethane
Concen: 0.229 ug/l
RT: 3.118 min Scan# 19
Delta R.T. -0.006 min
Lab File: VN080523.D
Acq: 19 Dec 2023 16:21

Instrument :
MSVOA_N
ClientSampleId :

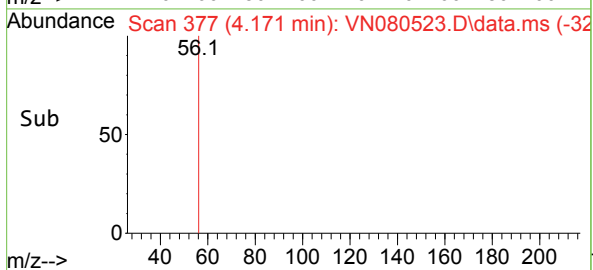
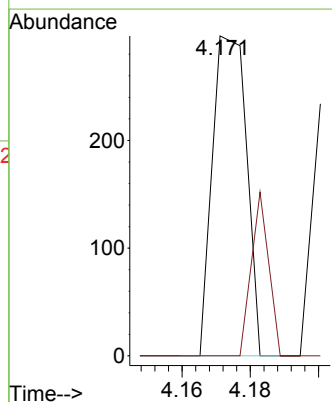
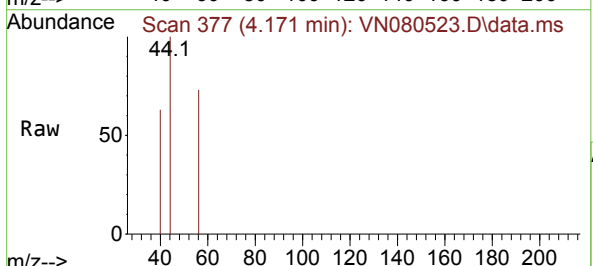


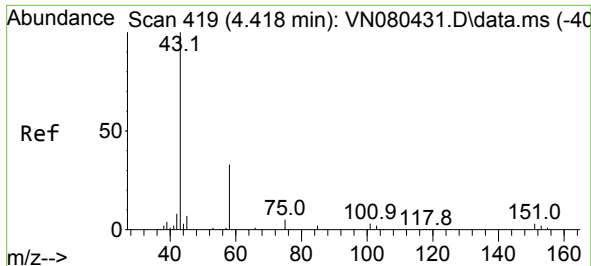
Tgt Ion: 64 Resp: 349
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#13
Acrolein
Concen: 0.576 ug/l
RT: 4.171 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN080523.D
Acq: 19 Dec 2023 16:21

Tgt Ion: 56 Resp: 206
Ion Ratio Lower Upper
56 100
55 26.2 54.5 81.7#

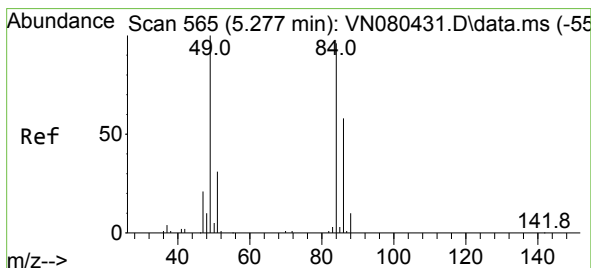
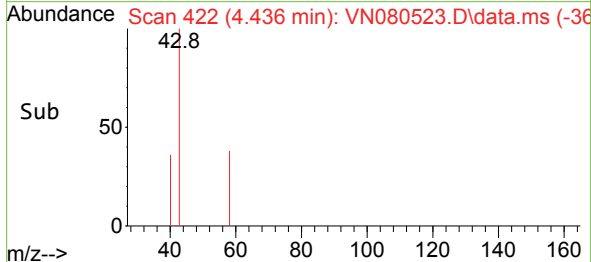
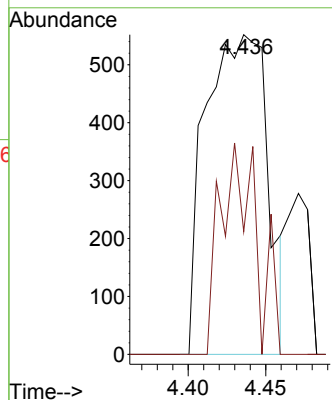
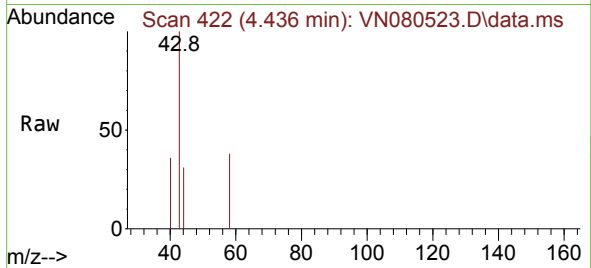




#16
Acetone
Concen: 3.120 ug/l
RT: 4.436 min Scan# 419
Delta R.T. 0.018 min
Lab File: VN080523.D
Acq: 19 Dec 2023 16:21

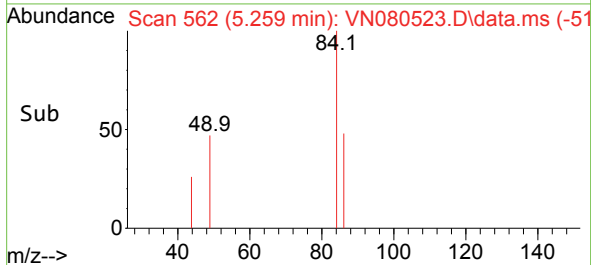
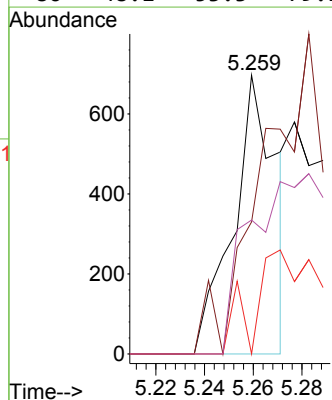
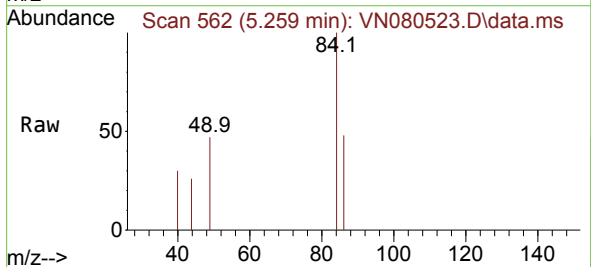
Instrument :
MSVOA_N
ClientSampleId :

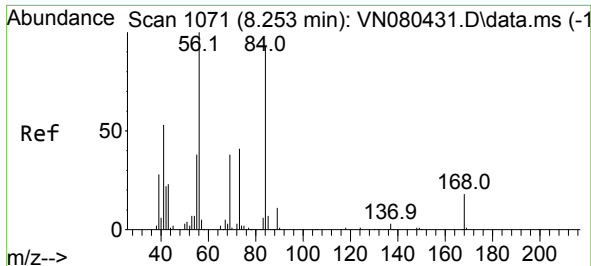
Tgt Ion: 43 Resp: 1534
Ion Ratio Lower Upper
43 100
58 38.4 28.0 42.0



#20
Methylene Chloride
Concen: 0.322 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.017 min
Lab File: VN080523.D
Acq: 19 Dec 2023 16:21

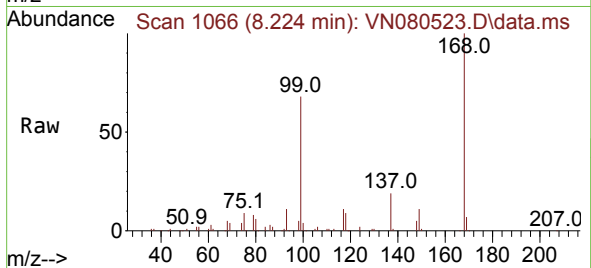
Tgt Ion: 84 Resp: 847
Ion Ratio Lower Upper
84 100
49 47.3 79.7 119.5#
51 0.0 25.2 37.8#
86 48.1 53.3 79.9#



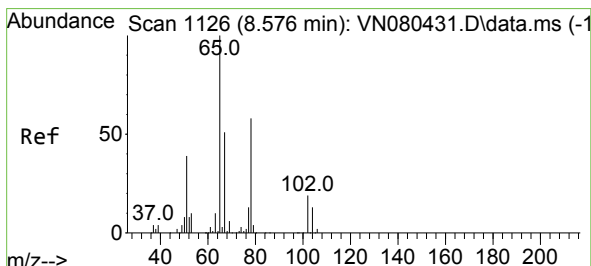
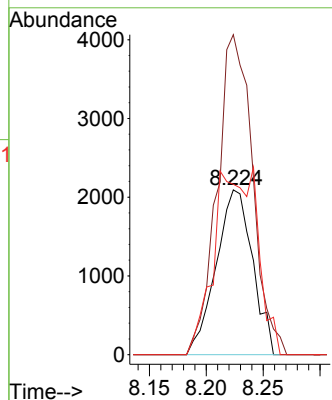
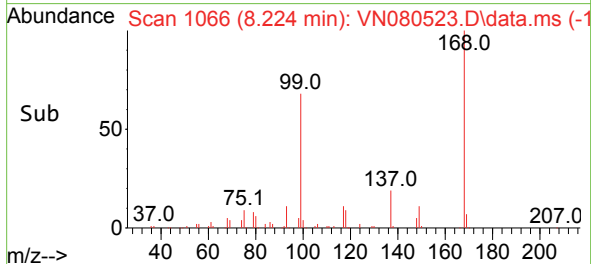


#31
Cyclohexane
Concen: 1.237 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN080523.D
Acq: 19 Dec 2023 16:21

Instrument :
MSVOA_N
ClientSampleId :

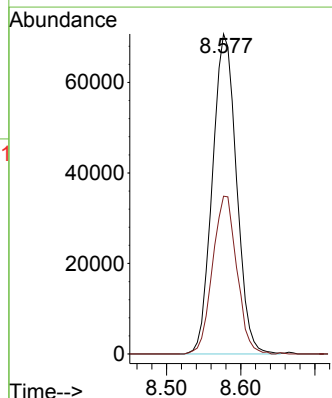
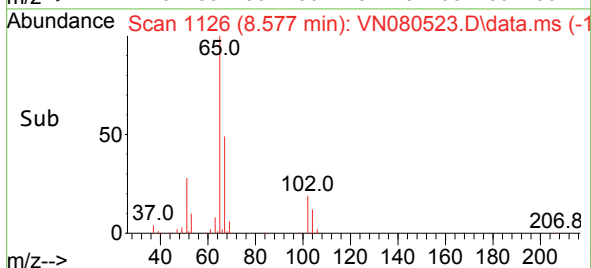
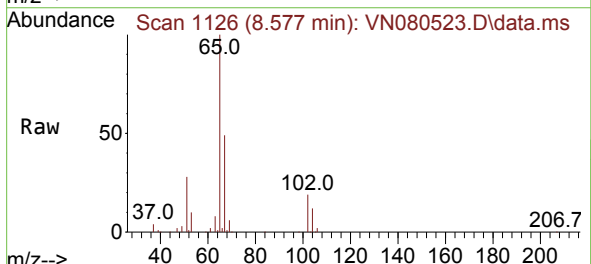


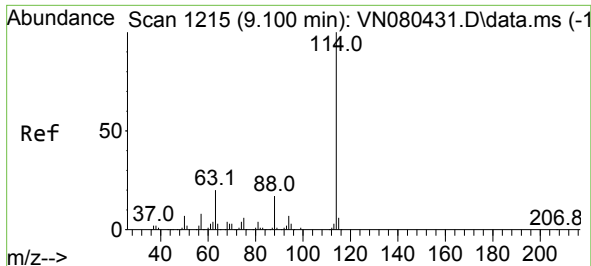
Tgt Ion: 56 Resp: 4665
Ion Ratio Lower Upper
56 100
69 194.3 26.8 40.2#
84 103.5 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 57.575 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080523.D
Acq: 19 Dec 2023 16:21

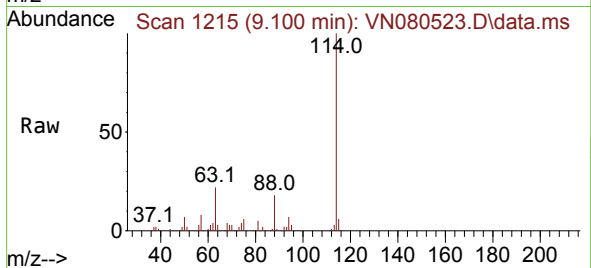
Tgt Ion: 65 Resp: 159642
Ion Ratio Lower Upper
65 100
67 49.6 0.0 106.6



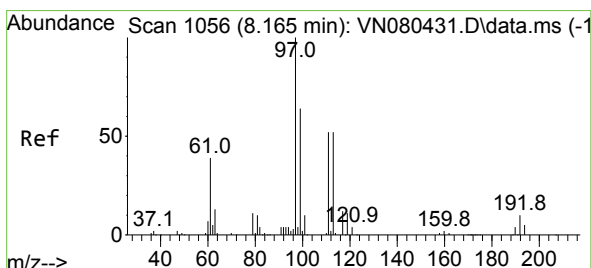
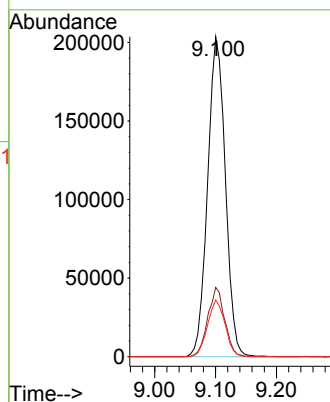
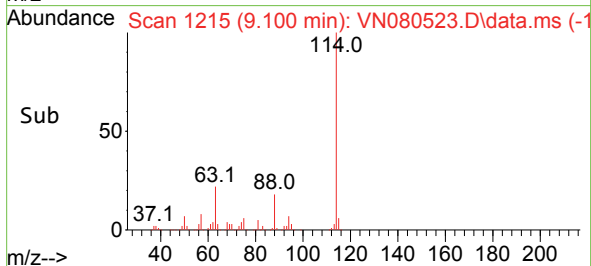


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080523.D
Acq: 19 Dec 2023 16:21

Instrument :
MSVOA_N
ClientSampleId :

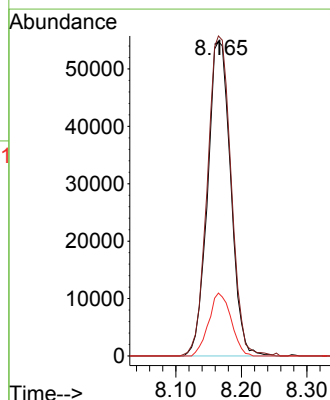
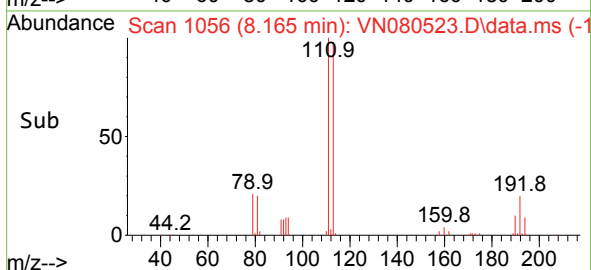
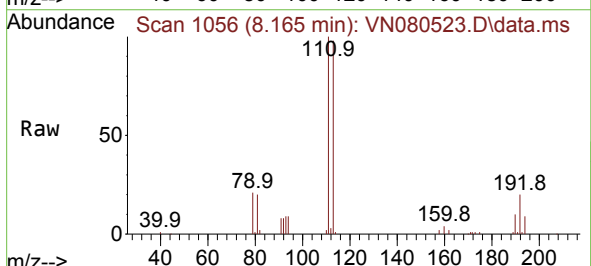


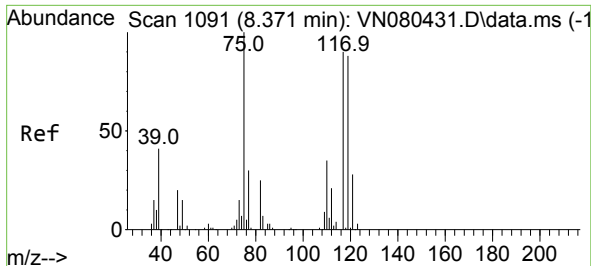
Tgt Ion:114 Resp: 412129
Ion Ratio Lower Upper
114 100
63 21.7 0.0 36.4
88 17.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.153 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080523.D
Acq: 19 Dec 2023 16:21

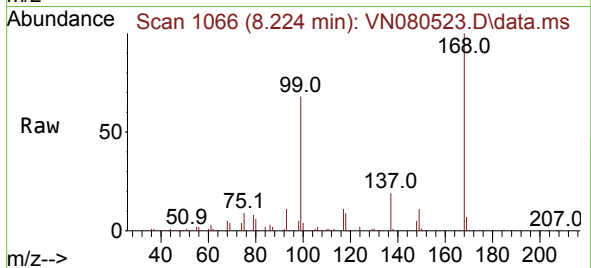
Tgt Ion:113 Resp: 133665
Ion Ratio Lower Upper
113 100
111 104.9 82.6 123.8
192 19.5 12.7 19.1#



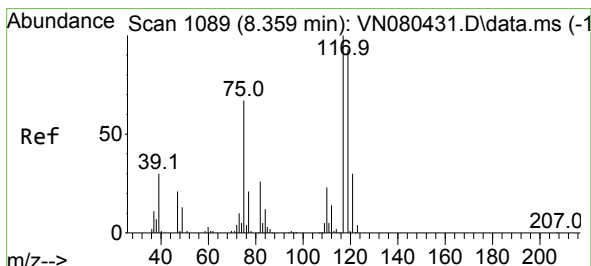
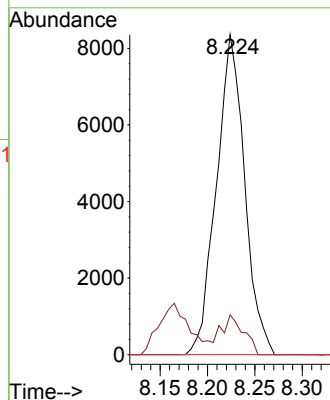
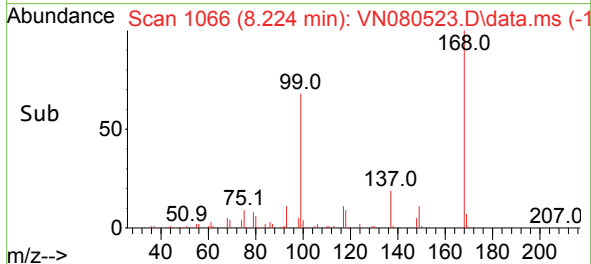


#36
1,1-Dichloropropene
Concen: 4.054 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN080523.D
Acq: 19 Dec 2023 16:21

Instrument :
MSVOA_N
ClientSampleId :

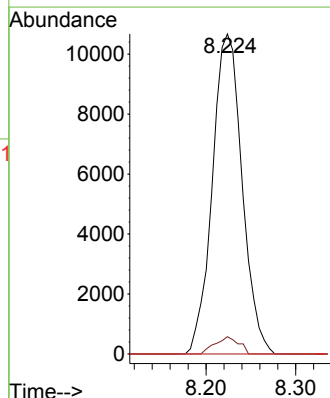
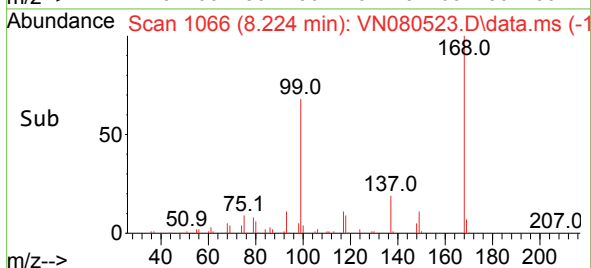
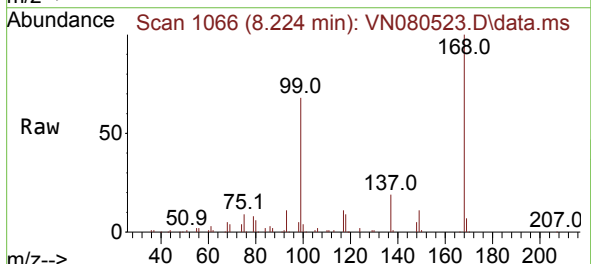


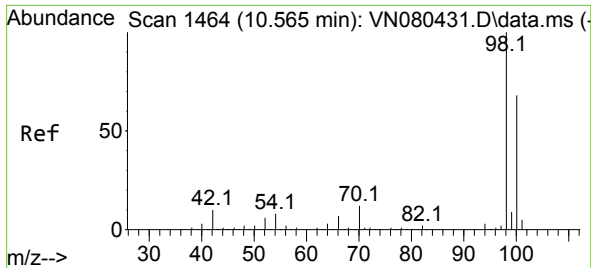
Tgt Ion: 75 Resp: 17319
Ion Ratio Lower Upper
75 100
110 9.7 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 4.818 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN080523.D
Acq: 19 Dec 2023 16:21

Tgt Ion: 117 Resp: 24599
Ion Ratio Lower Upper
117 100
119 5.4 77.3 115.9#
121 0.0 23.3 34.9#

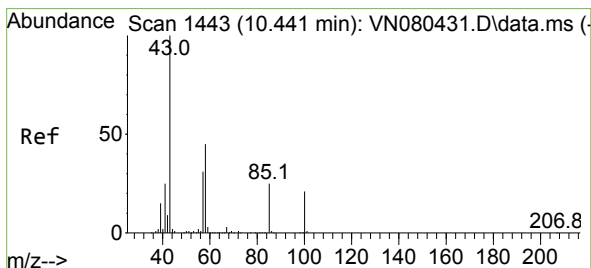
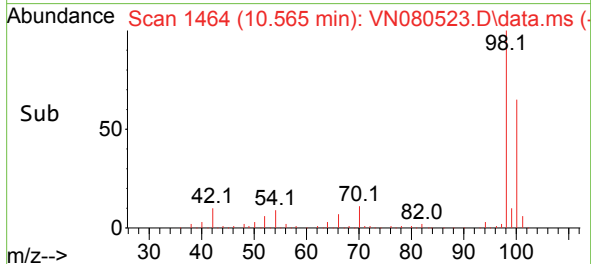
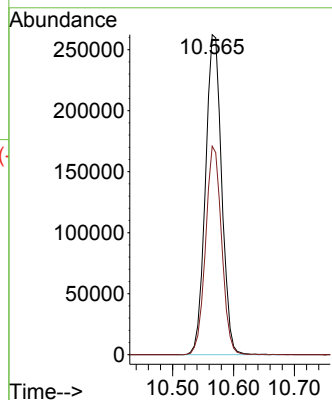
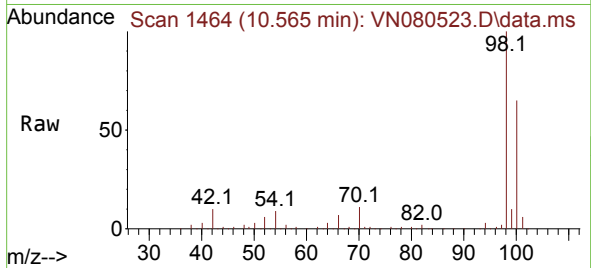




#50
Toluene-d8
Concen: 49.762 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080523.D
Acq: 19 Dec 2023 16:21

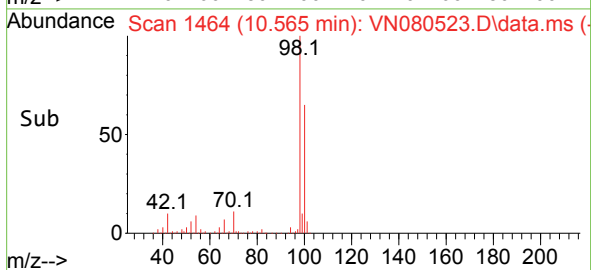
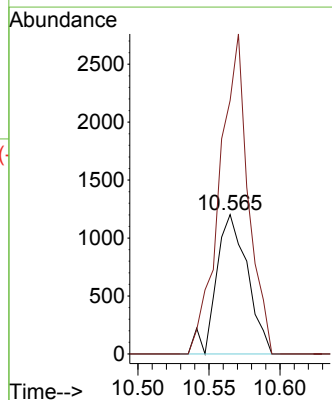
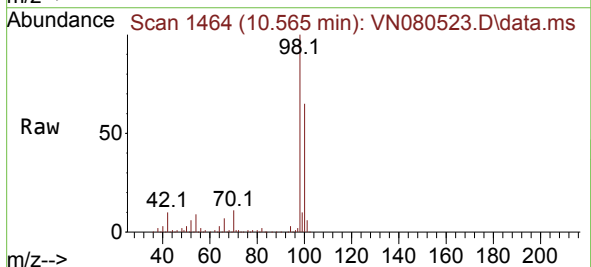
Instrument :
MSVOA_N
ClientSampleId :

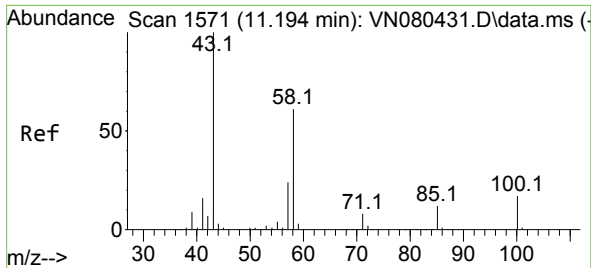
Tgt Ion: 98 Resp: 484945
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.695 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN080523.D
Acq: 19 Dec 2023 16:21

Tgt Ion: 43 Resp: 1840
Ion Ratio Lower Upper
43 100
58 210.5 36.6 54.8#

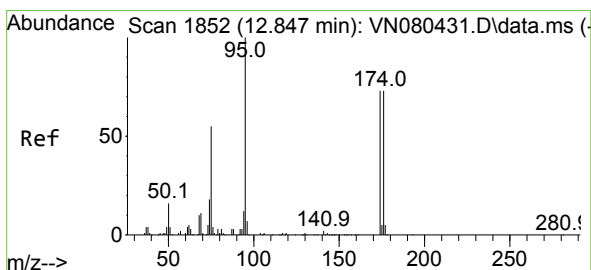
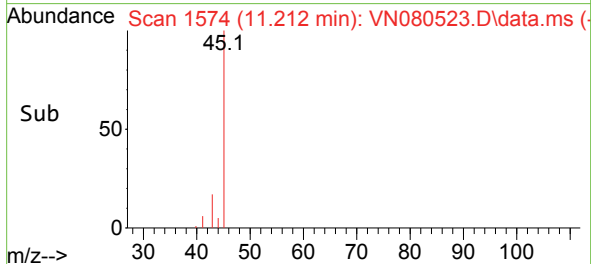
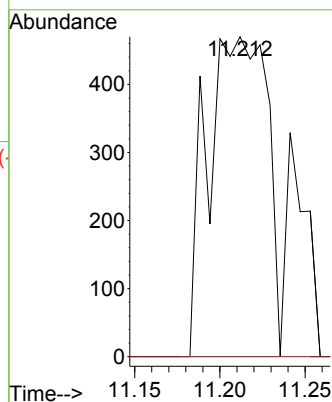
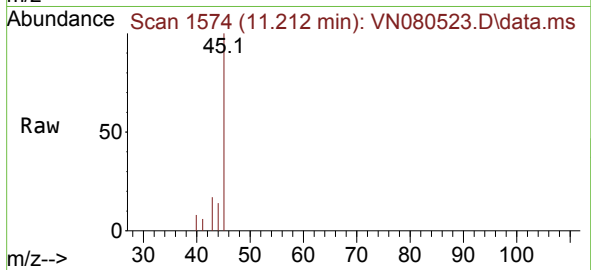




#59
2-Hexanone
Concen: 0.586 ug/l
RT: 11.212 min Scan# 1147
Delta R.T. 0.018 min
Lab File: VN080523.D
Acq: 19 Dec 2023 16:21

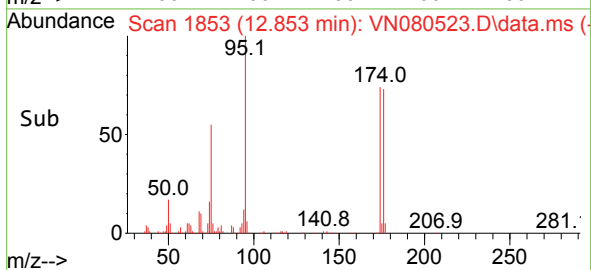
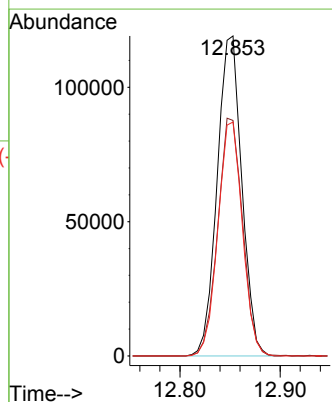
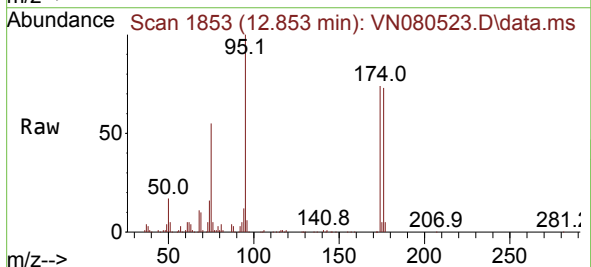
Instrument :
MSVOA_N
ClientSampleId :

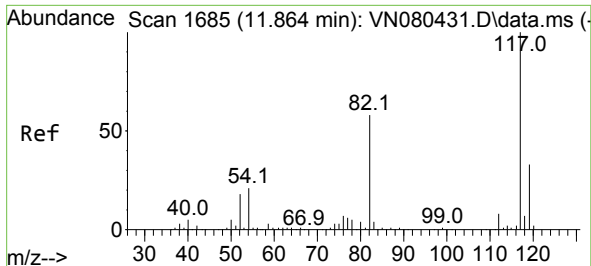
Tgt Ion: 43 Resp: 1147
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 54.915 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080523.D
Acq: 19 Dec 2023 16:21

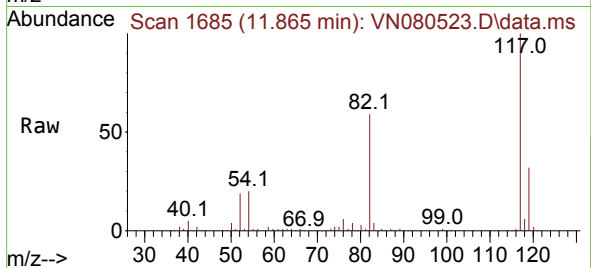
Tgt Ion: 95 Resp: 203217
Ion Ratio Lower Upper
95 100
174 74.9 0.0 143.8
176 72.4 0.0 135.8



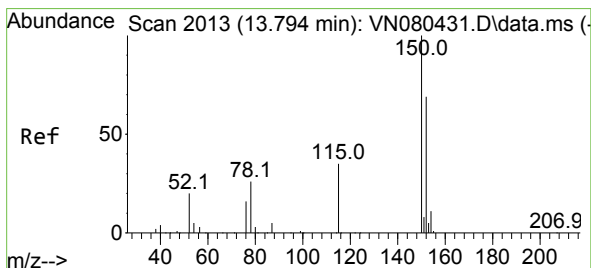
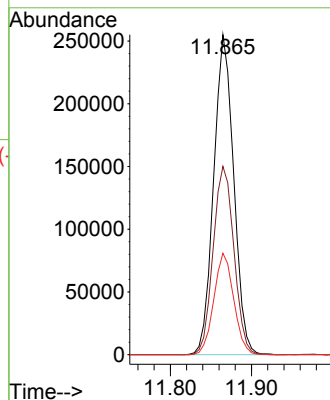
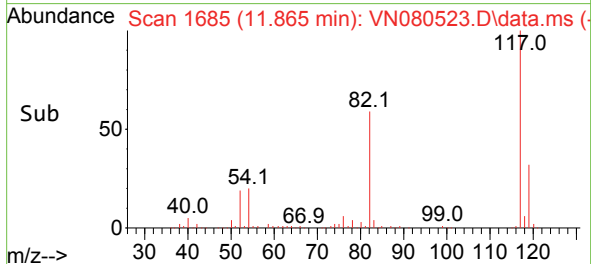


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080523.D
Acq: 19 Dec 2023 16:21

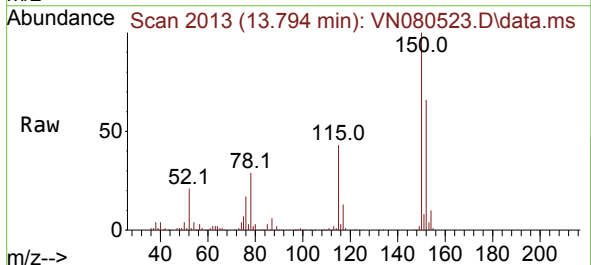
Instrument :
MSVOA_N
ClientSampleId :



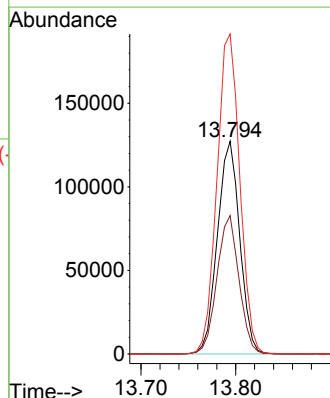
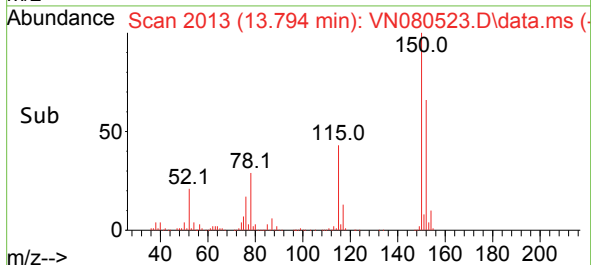
Tgt Ion:117 Resp: 436971
Ion Ratio Lower Upper
117 100
82 58.9 44.0 66.0
119 31.7 25.6 38.4

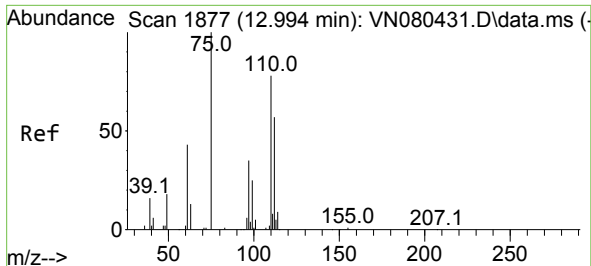


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080523.D
Acq: 19 Dec 2023 16:21



Tgt Ion:152 Resp: 208635
Ion Ratio Lower Upper
152 100
115 64.2 32.3 96.8
150 154.0 0.0 355.8

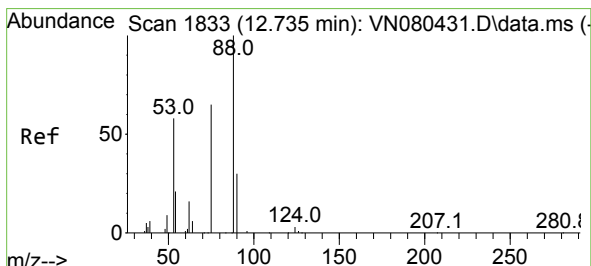
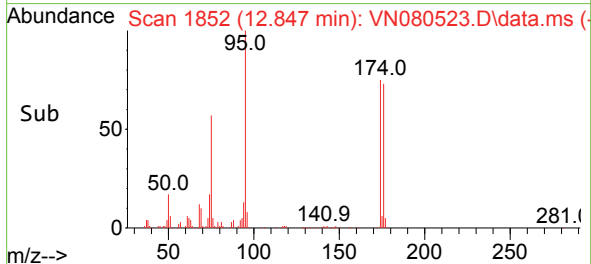
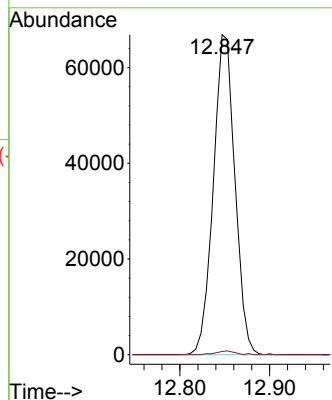
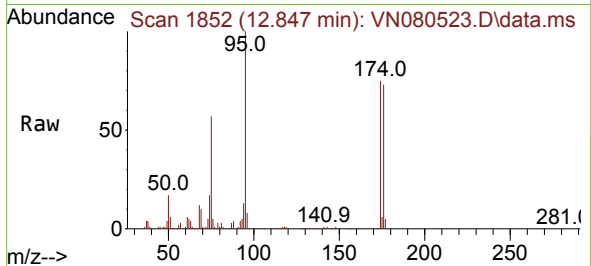




#76
1,2,3-Trichloropropane
Concen: 26.843 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN080523.D
Acq: 19 Dec 2023 16:21

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 111727
Ion Ratio Lower Upper
75 100
77 1.1 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.479 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN080523.D
Acq: 19 Dec 2023 16:21

Tgt Ion: 75 Resp: 111727
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.1 38.8 58.2#

