

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120623\
 Data File : VN080383.D
 Acq On : 06 Dec 2023 14:00
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 07 00:59:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

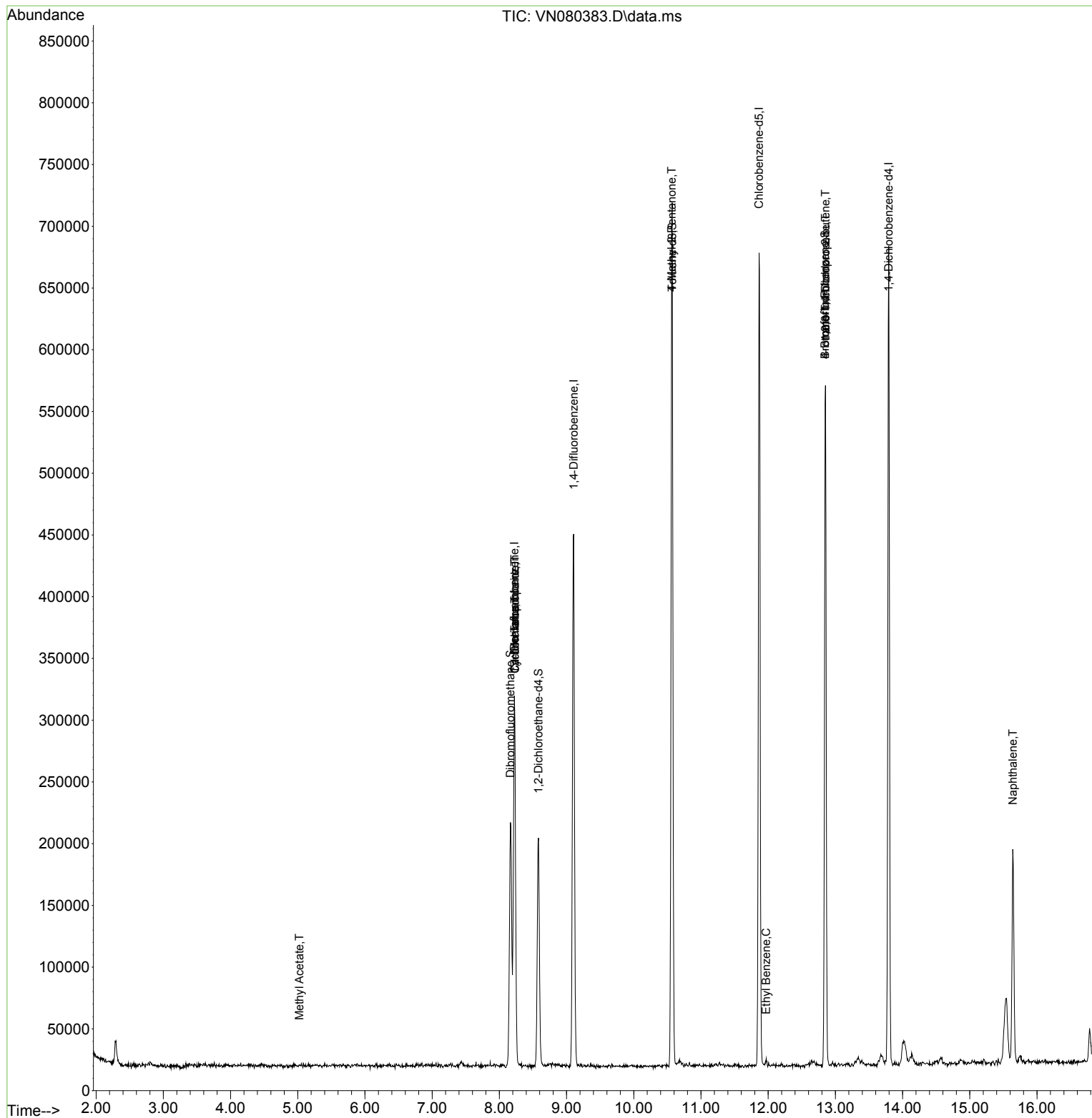
Internal Standards						
1) Pentafluorobenzene	8.224	168	210409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	374522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	387183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	178792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	168489	48.497	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.000%		
35) Dibromofluoromethane	8.165	113	140924	50.995	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.000%		
50) Toluene-d8	10.571	98	494934	49.683	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.360%		
62) 4-Bromofluorobenzene	12.847	95	196517	52.227	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.460%		
Target Compounds						
					Qvalue	
6) Chloroethane	3.142	64	549	Below Cal	#	43
18) Methyl Acetate	5.024	43	1051	0.280	ug/l #	51
31) Cyclohexane	8.230	56	4564	1.208	ug/l #	37
36) 1,1-Dichloropropene	8.230	75	16398	4.098	ug/l #	45
38) Carbon Tetrachloride	8.230	117	23026	4.535	ug/l #	18
51) 4-Methyl-2-Pentanone	10.565	43	1698	0.607	ug/l #	1
67) Ethyl Benzene	11.970	91	3932	0.252	ug/l #	78
71) Bromoform	12.847	173	658	0.261	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	107601	24.562	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	107601	82.986	ug/l #	15
95) Naphthalene	15.641	128	161179	15.824	ug/l	99

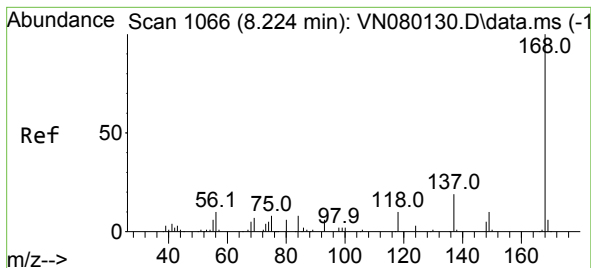
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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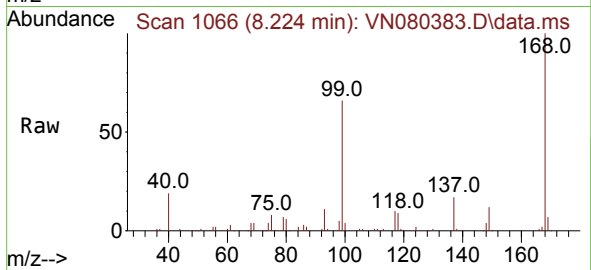
Quant Time: Dec 07 00:59:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
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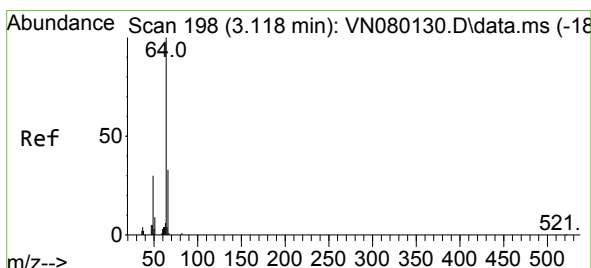
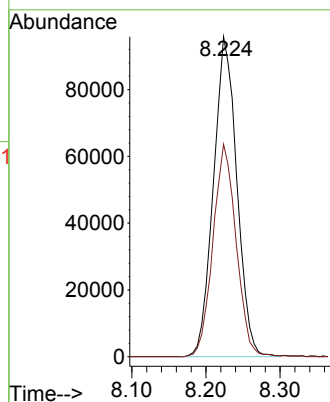
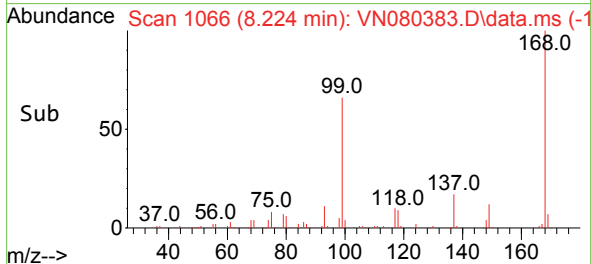


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080383.D
Acq: 06 Dec 2023 14:00

Instrument :
MSVOA_N
ClientSampleId :

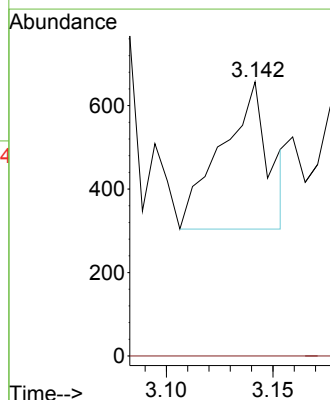
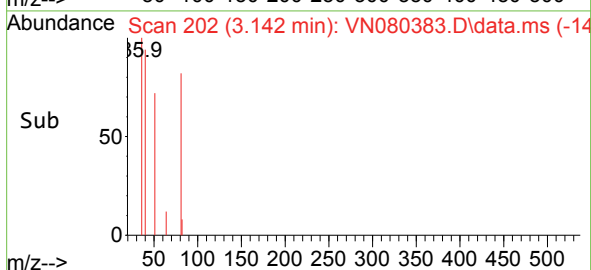
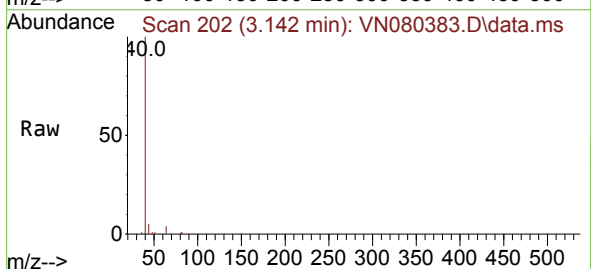


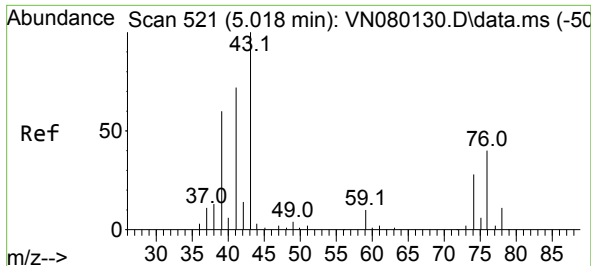
Tgt Ion:168 Resp: 210409
Ion Ratio Lower Upper
168 100
99 66.4 53.0 79.6



#6
Chloroethane
Concen: Below Cal
RT: 3.142 min Scan# 202
Delta R.T. 0.024 min
Lab File: VN080383.D
Acq: 06 Dec 2023 14:00

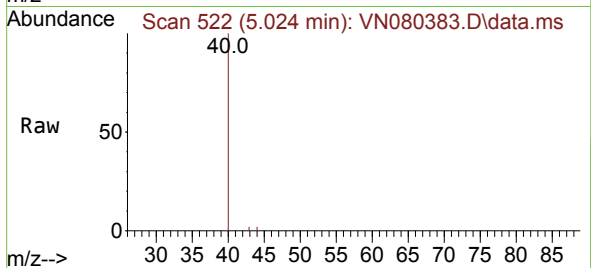
Tgt Ion: 64 Resp: 549
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



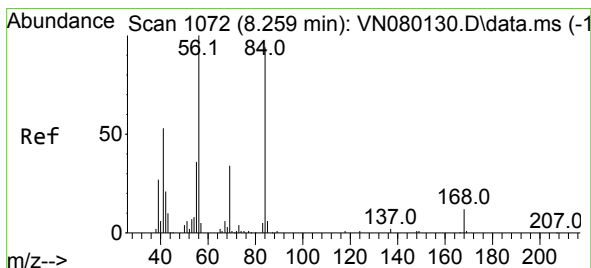
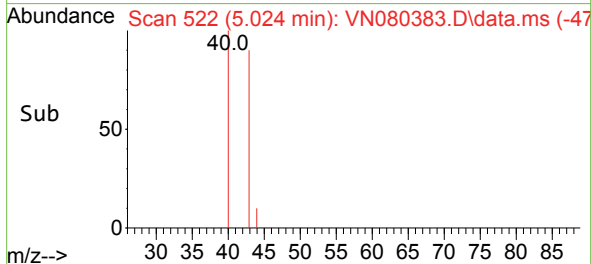
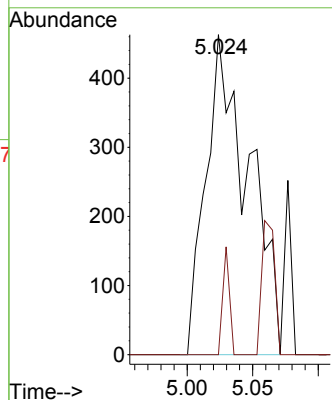


#18
Methyl Acetate
Concen: 0.280 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN080383.D
Acq: 06 Dec 2023 14:00

Instrument :
MSVOA_N
ClientSampleId :

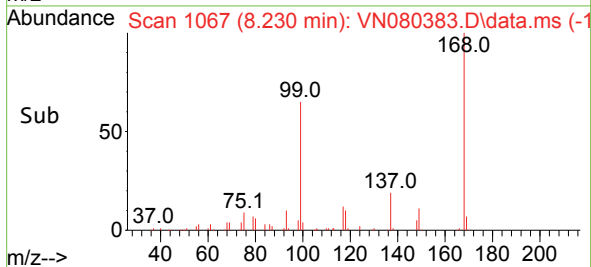
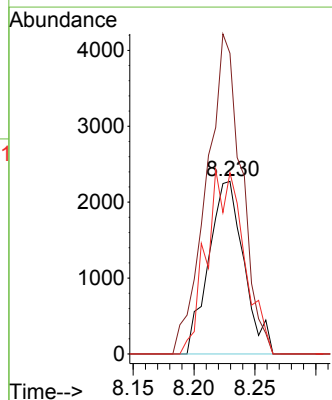
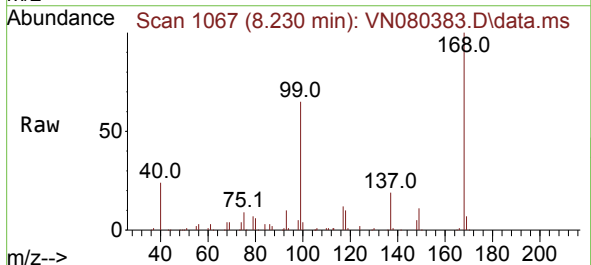


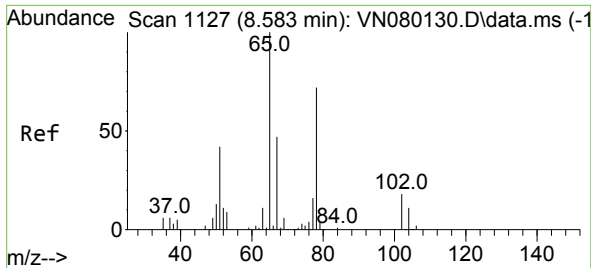
Tgt Ion: 43 Resp: 1051
Ion Ratio Lower Upper
43 100
74 5.2 26.2 39.4#



#31
Cyclohexane
Concen: 1.208 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN080383.D
Acq: 06 Dec 2023 14:00

Tgt Ion: 56 Resp: 4564
Ion Ratio Lower Upper
56 100
69 174.2 26.8 40.2#
84 105.0 81.8 122.6

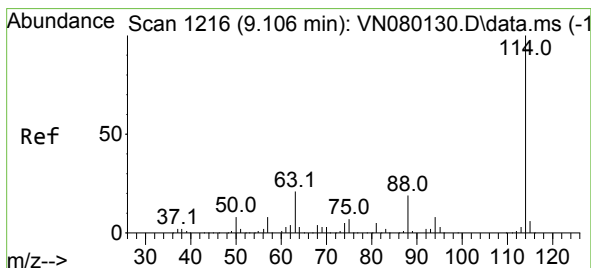
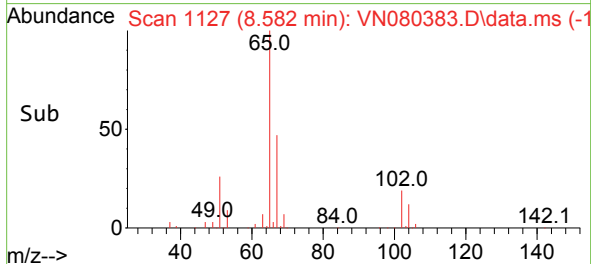
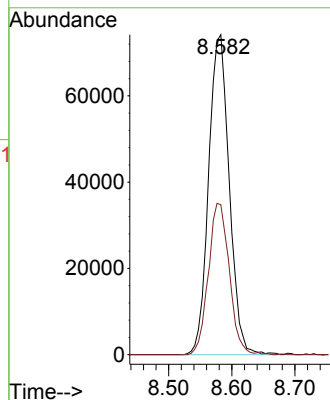
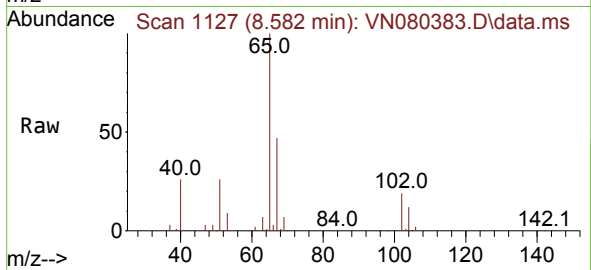




#33
 1,2-Dichloroethane-d4
 Concen: 48.497 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VN080383.D
 Acq: 06 Dec 2023 14:00

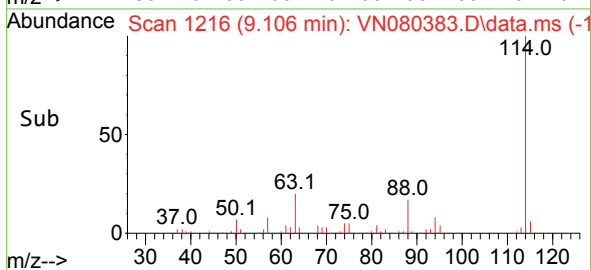
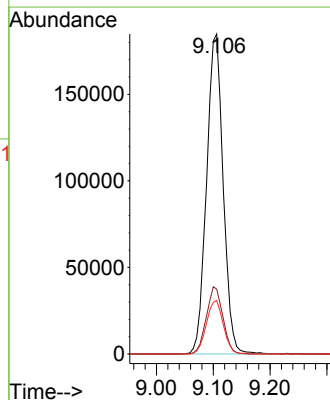
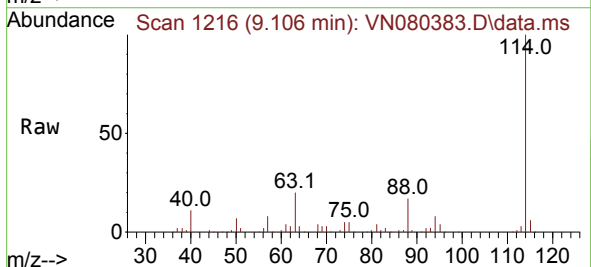
Instrument :
 MSVOA_N
 ClientSampleId :

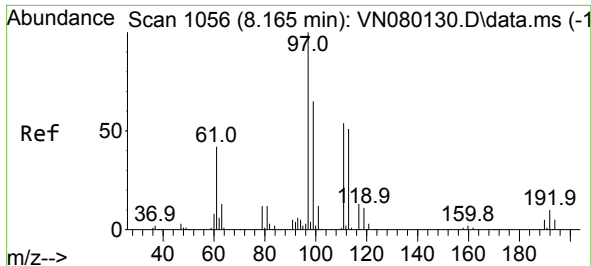
Tgt Ion: 65 Resp: 168489
 Ion Ratio Lower Upper
 65 100
 67 48.0 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN080383.D
 Acq: 06 Dec 2023 14:00

Tgt Ion: 114 Resp: 374522
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 36.4
 88 16.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.995 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

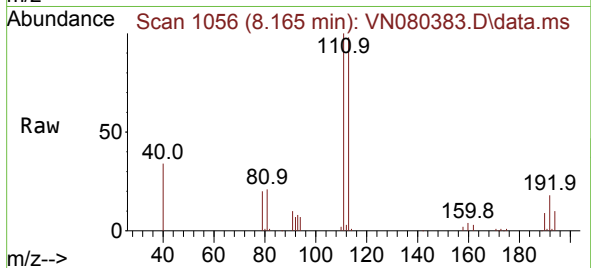
Lab File: VN080383.D

Acq: 06 Dec 2023 14:00

Instrument :

MSVOA_N

ClientSampleId :



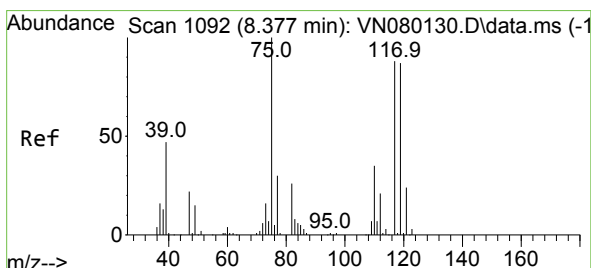
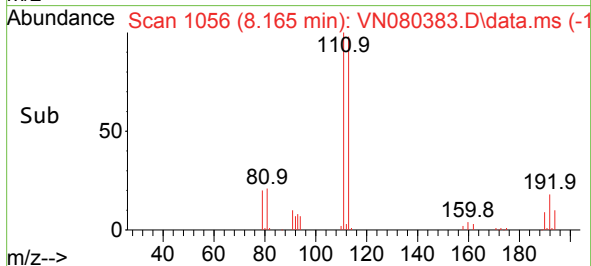
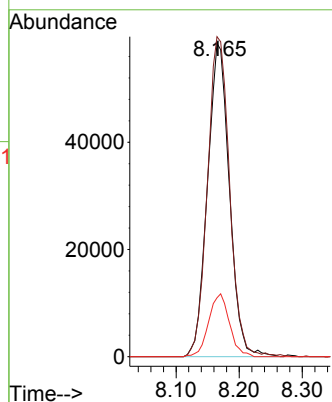
Tgt Ion:113 Resp: 140924

Ion Ratio Lower Upper

113 100

111 103.3 82.6 123.8

192 19.0 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.098 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN080383.D

Acq: 06 Dec 2023 14:00

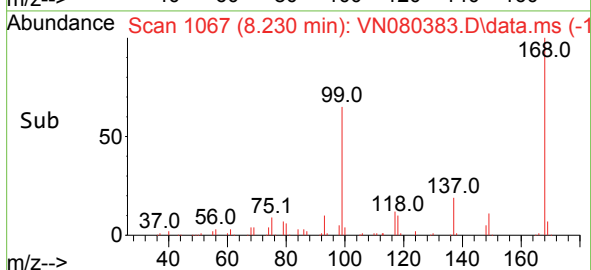
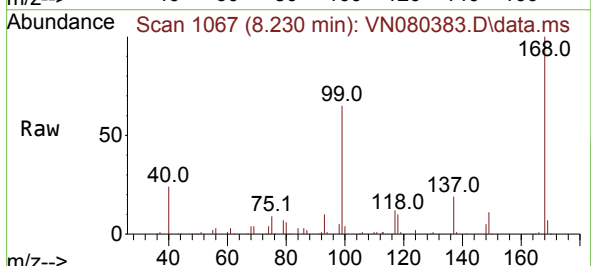
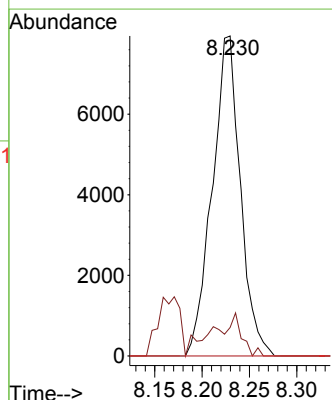
Tgt Ion: 75 Resp: 16398

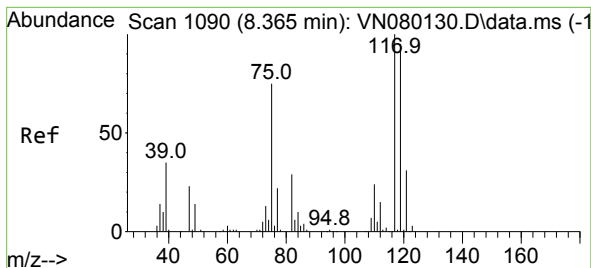
Ion Ratio Lower Upper

75 100

110 6.0 19.1 57.3#

77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 4.535 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

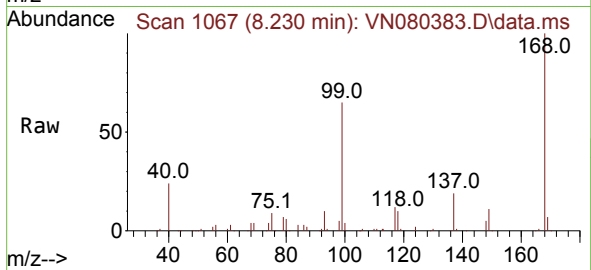
Lab File: VN080383.D

Acq: 06 Dec 2023 14:00

Instrument :

MSVOA_N

ClientSampleId :



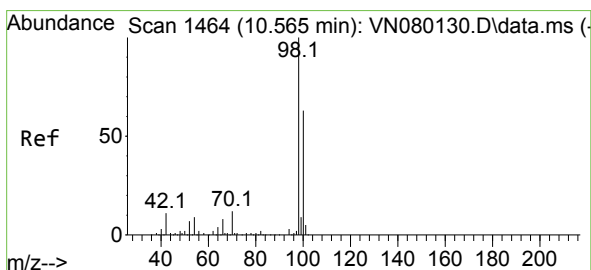
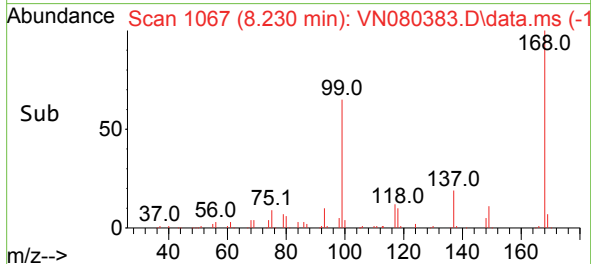
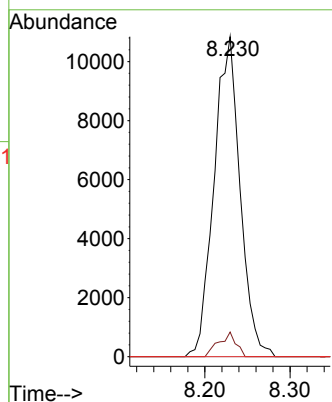
Tgt Ion:117 Resp: 23026

Ion Ratio Lower Upper

117 100

119 7.7 77.3 115.9#

121 0.0 23.3 34.9#



#50

Toluene-d8

Concen: 49.683 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080383.D

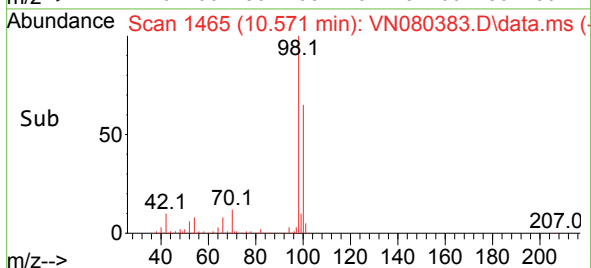
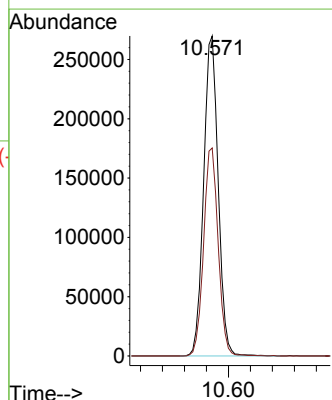
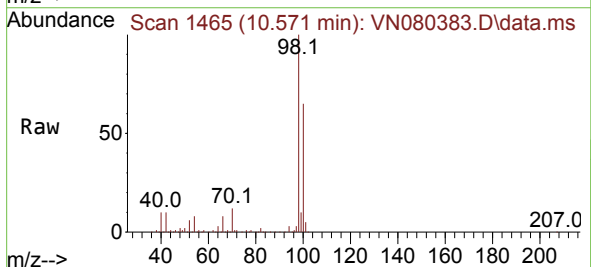
Acq: 06 Dec 2023 14:00

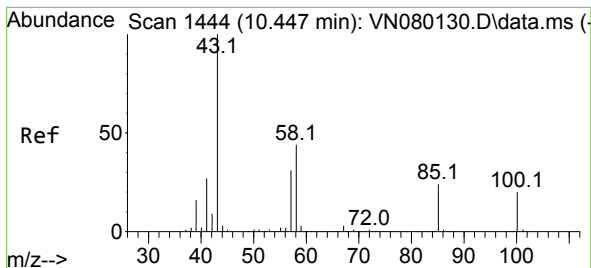
Tgt Ion: 98 Resp: 494934

Ion Ratio Lower Upper

98 100

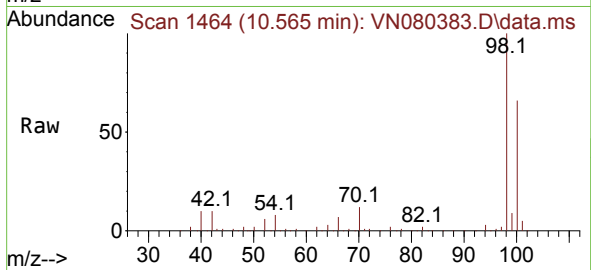
100 65.1 52.0 78.0



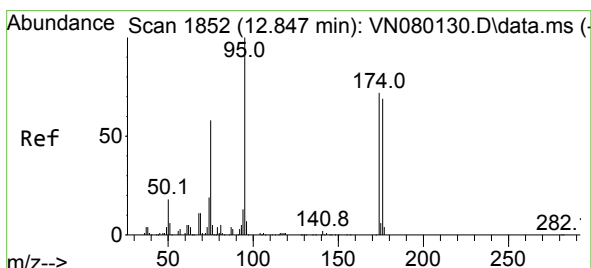
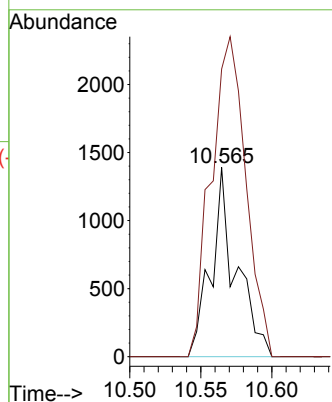
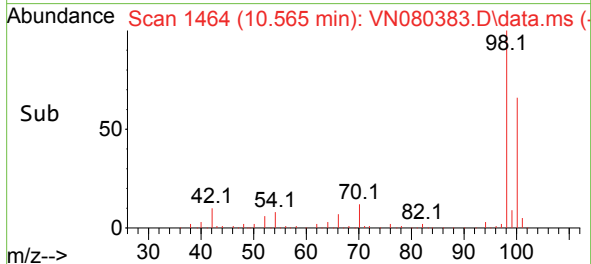


#51
4-Methyl-2-Pentanone
Concen: 0.607 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.117 min
Lab File: VN080383.D
Acq: 06 Dec 2023 14:00

Instrument :
MSVOA_N
ClientSampleId :

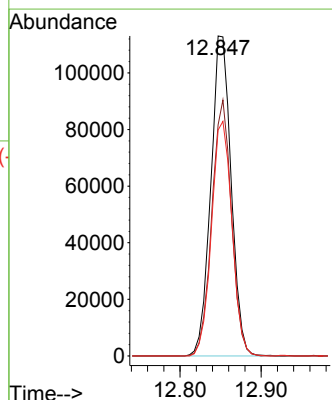
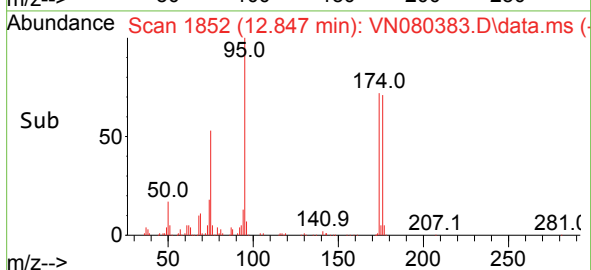
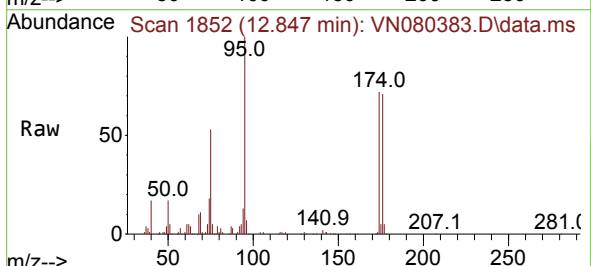


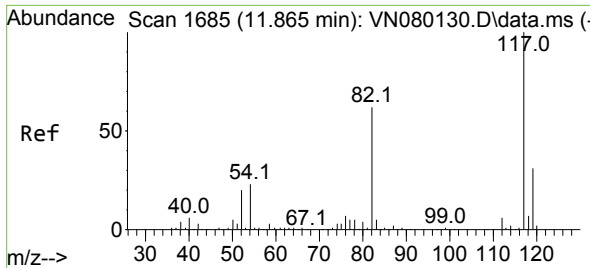
Tgt Ion: 43 Resp: 1698
Ion Ratio Lower Upper
43 100
58 235.9 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 52.227 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080383.D
Acq: 06 Dec 2023 14:00

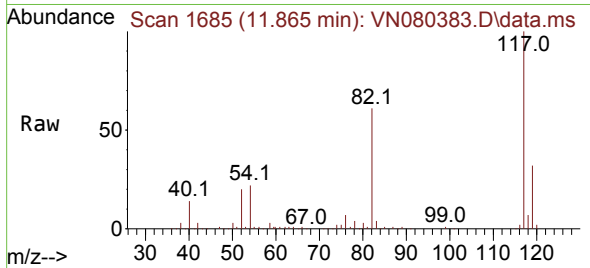
Tgt Ion: 95 Resp: 196517
Ion Ratio Lower Upper
95 100
174 77.5 0.0 143.8
176 74.0 0.0 135.8



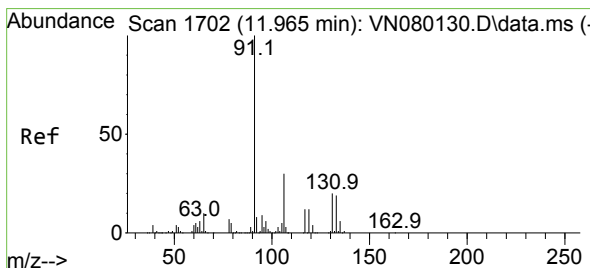
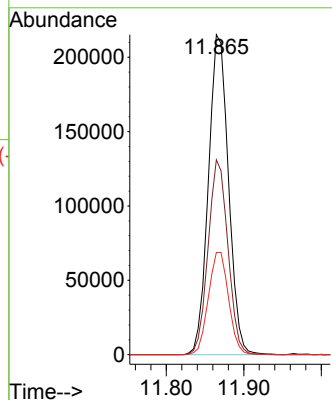
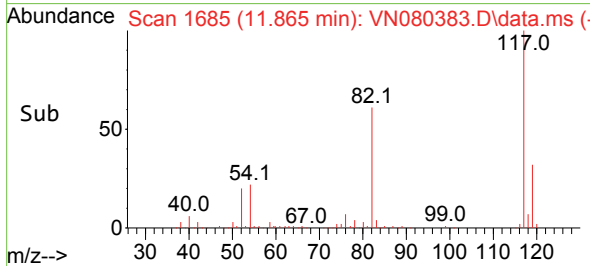


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080383.D
Acq: 06 Dec 2023 14:00

Instrument :
MSVOA_N
ClientSampleId :

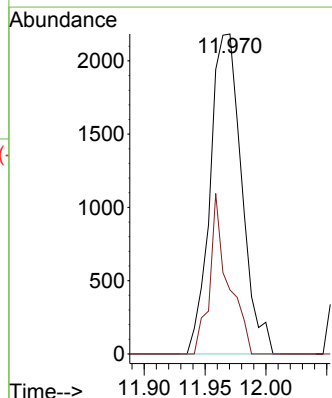
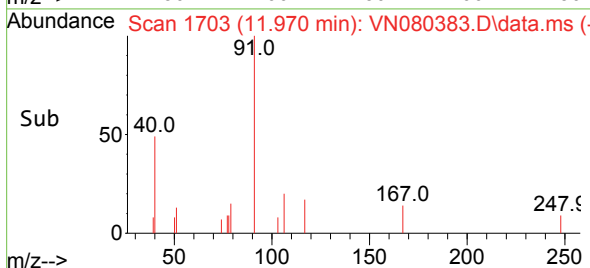
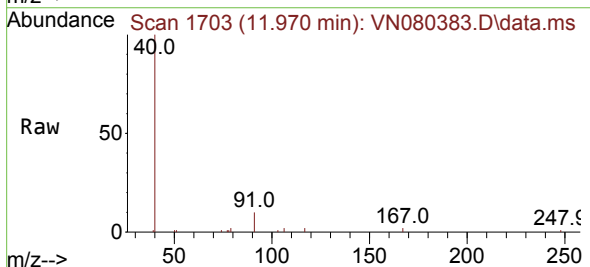


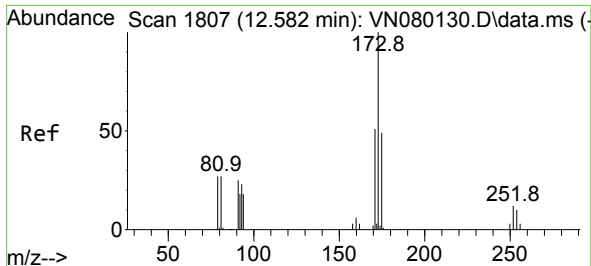
Tgt Ion:117 Resp: 387183
Ion Ratio Lower Upper
117 100
82 60.9 44.0 66.0
119 31.9 25.6 38.4



#67
Ethyl Benzene
Concen: 0.252 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN080383.D
Acq: 06 Dec 2023 14:00

Tgt Ion: 91 Resp: 3932
Ion Ratio Lower Upper
91 100
106 20.0 25.6 38.4#

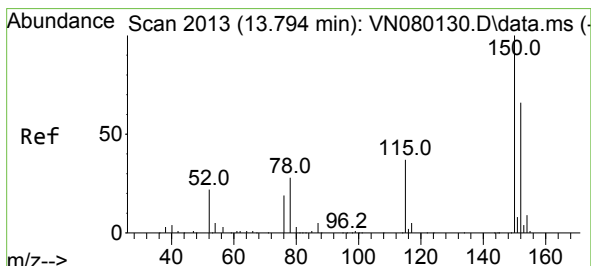
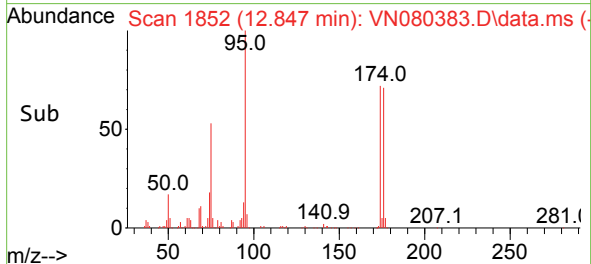
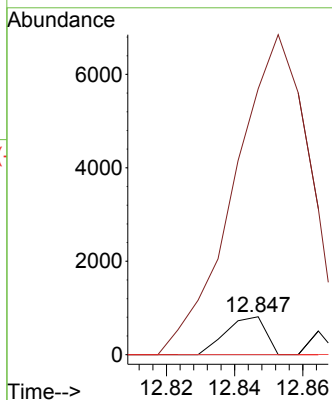
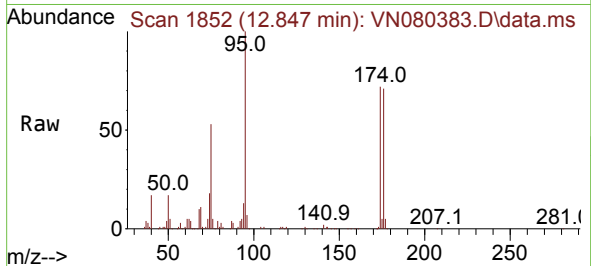




#71
Bromoform
Concen: 0.261 ug/l
RT: 12.847 min Scan# 1807
Delta R.T. 0.265 min
Lab File: VN080383.D
Acq: 06 Dec 2023 14:00

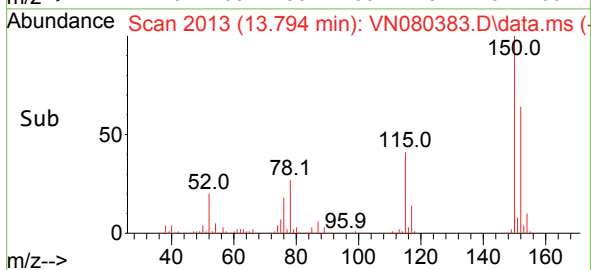
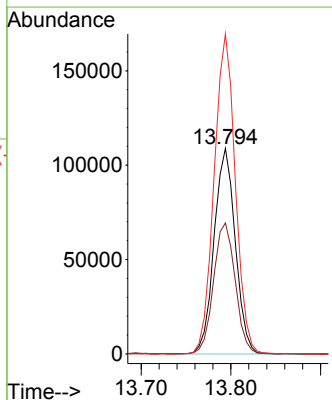
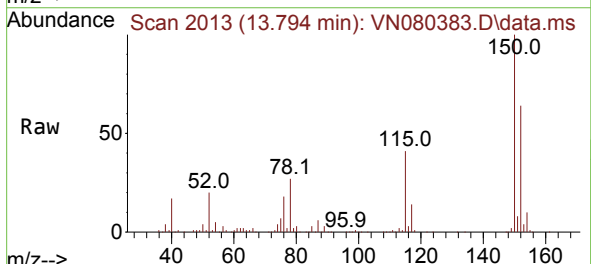
Instrument :
MSVOA_N
ClientSampleId :

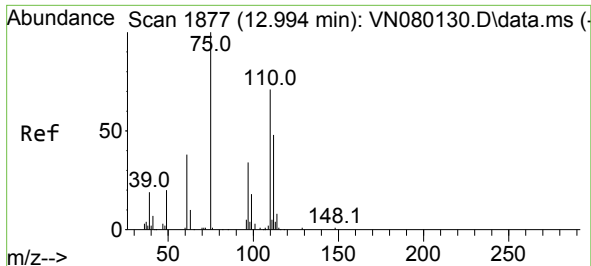
Tgt Ion:173 Resp: 658
Ion Ratio Lower Upper
173 100
175 1397.7 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080383.D
Acq: 06 Dec 2023 14:00

Tgt Ion:152 Resp: 178792
Ion Ratio Lower Upper
152 100
115 65.2 32.3 96.8
150 155.8 0.0 355.8

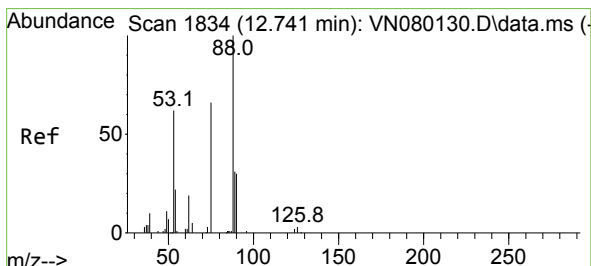
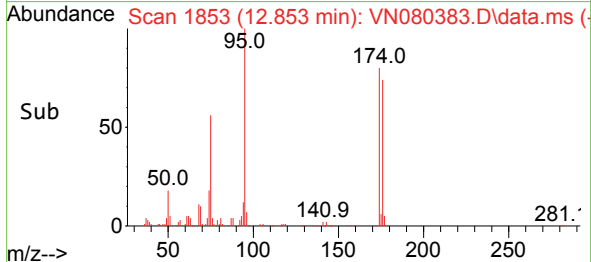
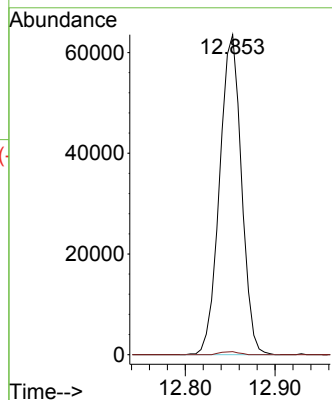
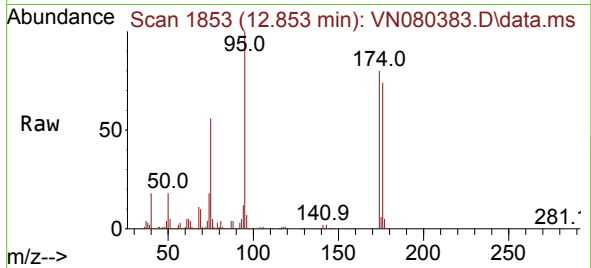




#76
1,2,3-Trichloropropane
Concen: 24.562 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080383.D
Acq: 06 Dec 2023 14:00

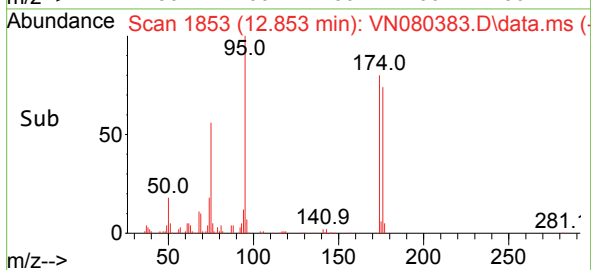
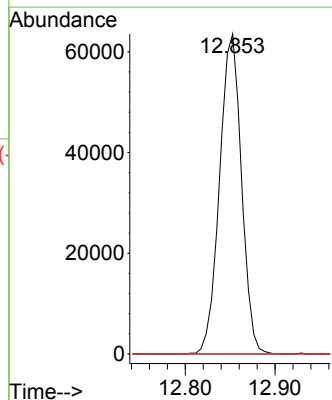
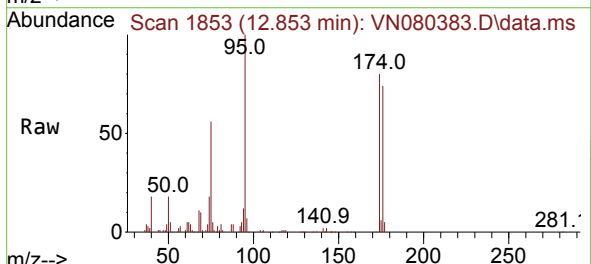
Instrument :
MSVOA_N
ClientSampleId :

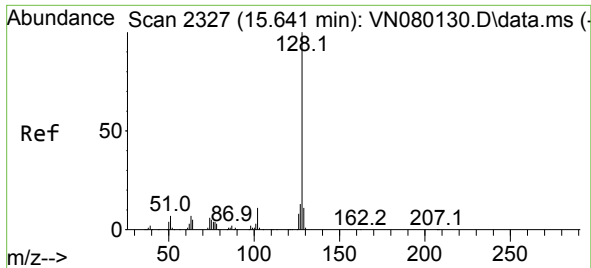
Tgt Ion: 75 Resp: 107601
Ion Ratio Lower Upper
75 100
77 0.8 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.986 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN080383.D
Acq: 06 Dec 2023 14:00

Tgt Ion: 75 Resp: 107601
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#





#95

Naphthalene

Concen: 15.824 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

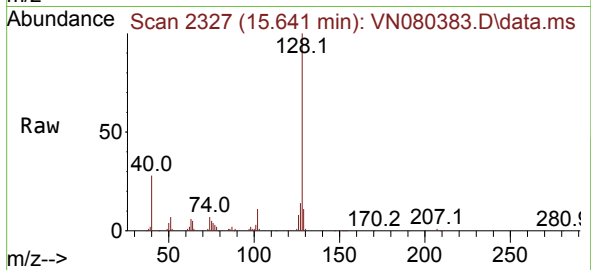
Lab File: VN080383.D

Acq: 06 Dec 2023 14:00

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:128 Resp: 161179

Ion Ratio Lower Upper

128 100

127 13.6 10.0 15.0

129 10.9 8.7 13.1

