

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120623\
 Data File : VN080385.D
 Acq On : 06 Dec 2023 14:47
 Operator : JC\MD
 Sample : 05631-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 07 01:00:20 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)

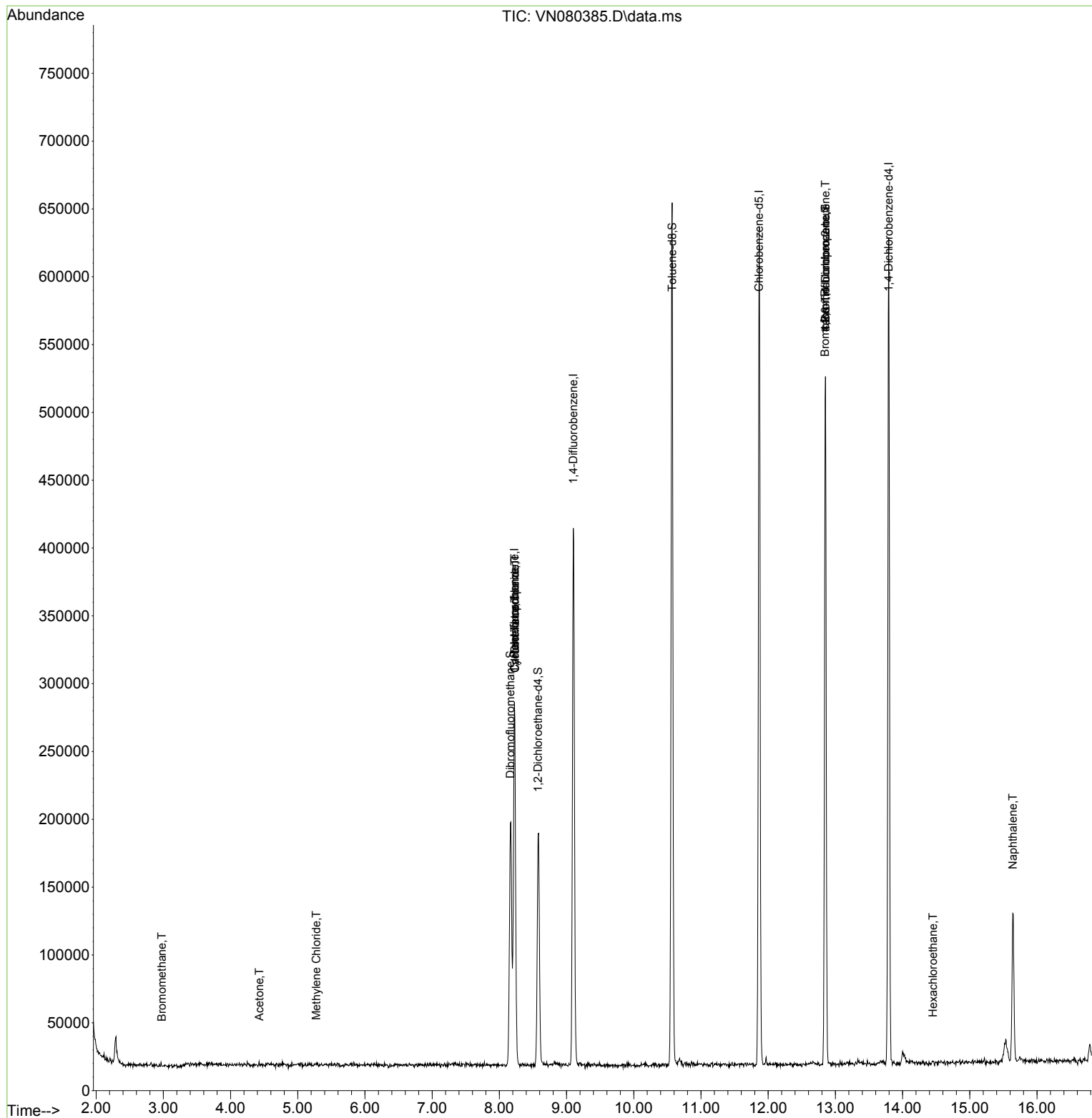
Internal Standards						
1) Pentafluorobenzene	8.224	168	189365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	342960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	359896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	164479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	160281	51.262	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.520%			
35) Dibromofluoromethane	8.165	113	128510	50.783	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.560%			
50) Toluene-d8	10.570	98	448727	49.190	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.380%			
62) 4-Bromofluorobenzene	12.853	95	181238	52.599	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.200%			
Target Compounds			Qvalue			
5) Bromomethane	2.977	94	350	0.230	ug/l #	78
6) Chloroethane	3.136	64	277	Below Cal	#	43
16) Acetone	4.430	43	531	0.506	ug/l #	40
20) Methylene Chloride	5.277	84	888	0.404	ug/l #	62
31) Cyclohexane	8.229	56	4188	1.232	ug/l #	31
36) 1,1-Dichloropropene	8.229	75	14978	4.088	ug/l #	50
38) Carbon Tetrachloride	8.229	117	21090	4.536	ug/l #	16
71) Bromoform	12.847	173	1088	0.464	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	98178	24.362	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	98178	82.308	ug/l #	15
90) Hexachloroethane	14.453	117	427	0.217	ug/l #	21
95) Naphthalene	15.641	128	107105	11.431	ug/l	98

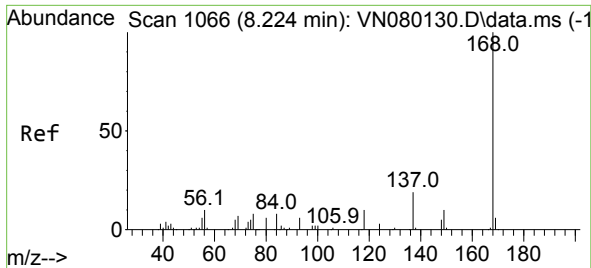
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120623\
Data File : VN080385.D
Acq On : 06 Dec 2023 14:47
Operator : JC\MD
Sample : 05631-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 07 01:00:20 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

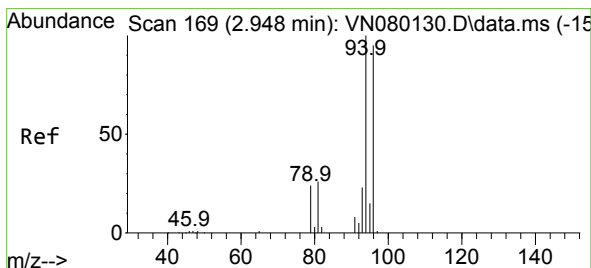
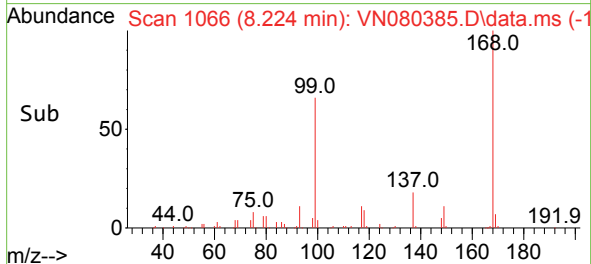
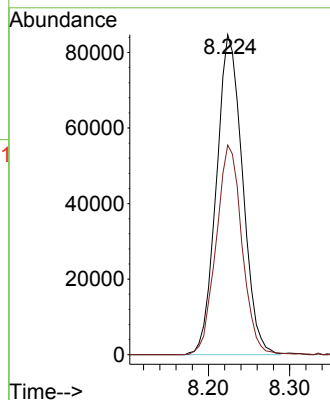
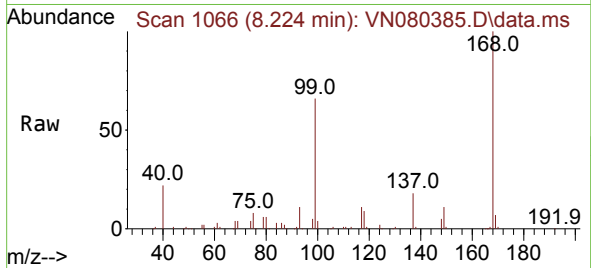




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080385.D
Acq: 06 Dec 2023 14:47

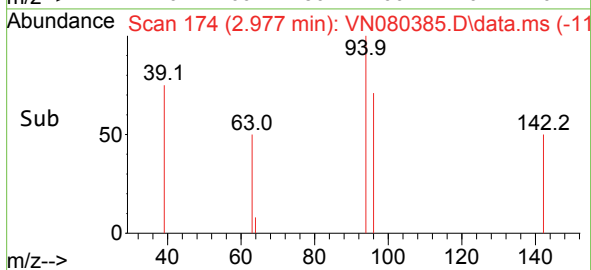
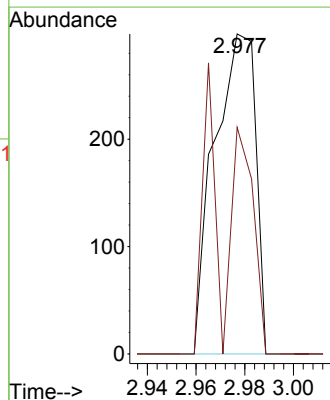
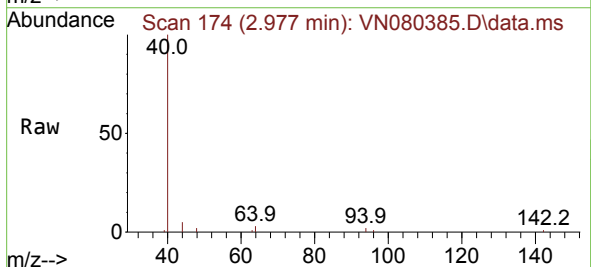
Instrument :
MSVOA_N
ClientSampleId :

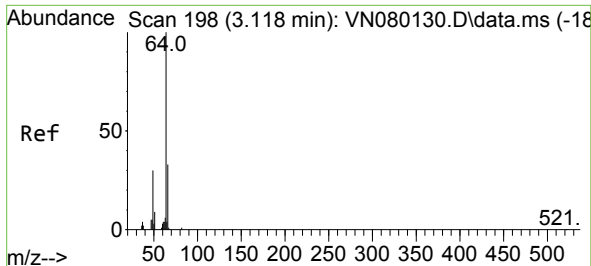
Tgt Ion:168 Resp: 189365
Ion Ratio Lower Upper
168 100
99 65.5 53.0 79.6



#5
Bromomethane
Concen: 0.230 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.029 min
Lab File: VN080385.D
Acq: 06 Dec 2023 14:47

Tgt Ion: 94 Resp: 350
Ion Ratio Lower Upper
94 100
96 70.8 73.1 109.7#

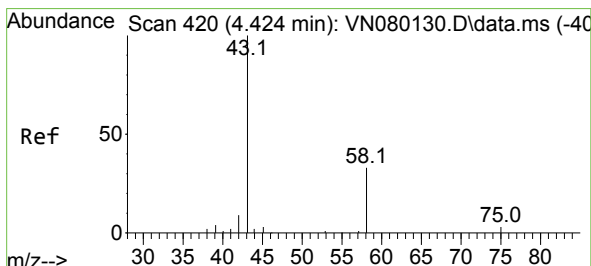
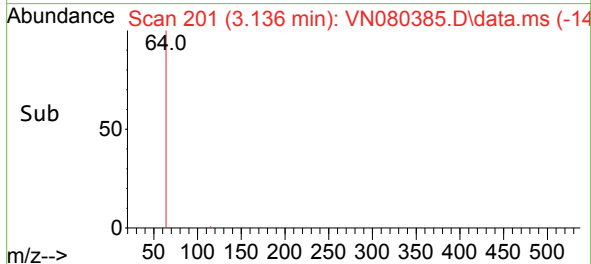
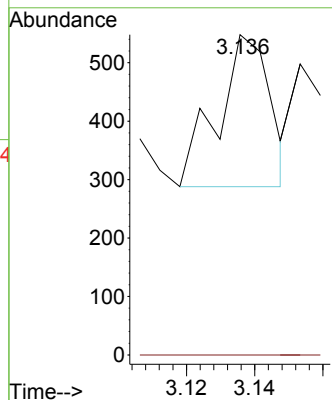
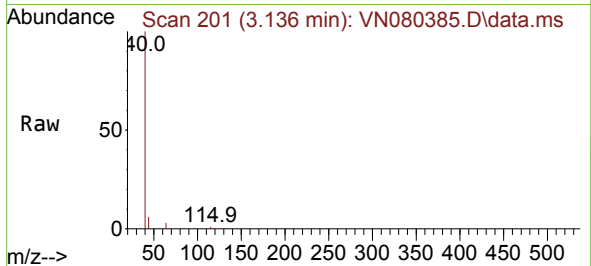




#6
Chloroethane
Concen: Below Cal
RT: 3.136 min Scan# 201
Delta R.T. 0.018 min
Lab File: VN080385.D
Acq: 06 Dec 2023 14:47

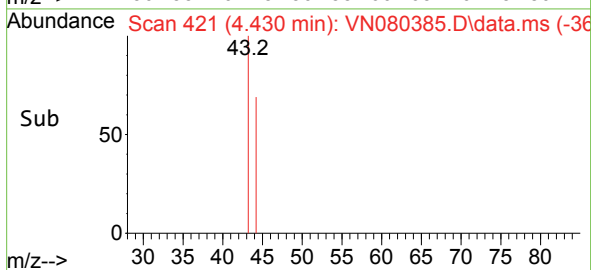
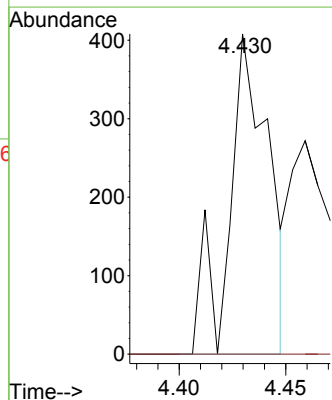
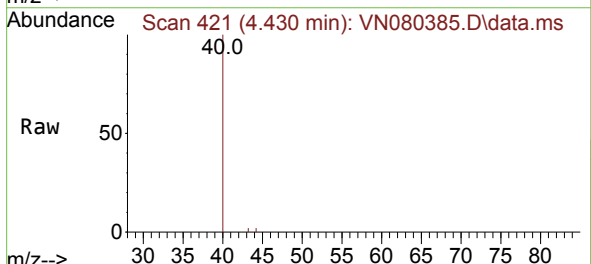
Instrument :
MSVOA_N
ClientSampleId :

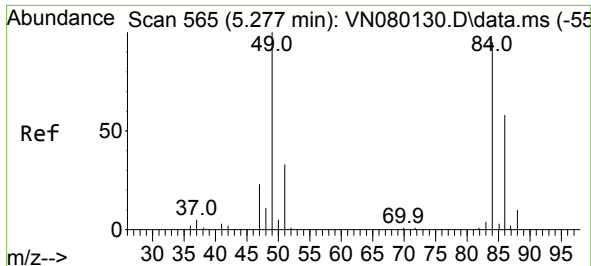
Tgt Ion: 64 Resp: 277
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#16
Acetone
Concen: 0.506 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080385.D
Acq: 06 Dec 2023 14:47

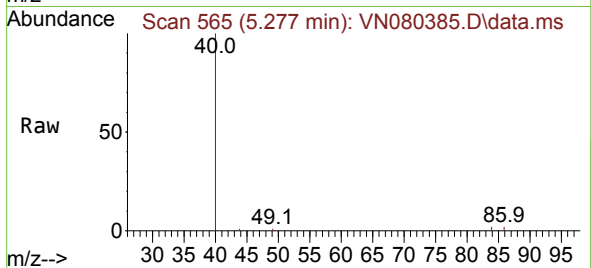
Tgt Ion: 43 Resp: 531
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



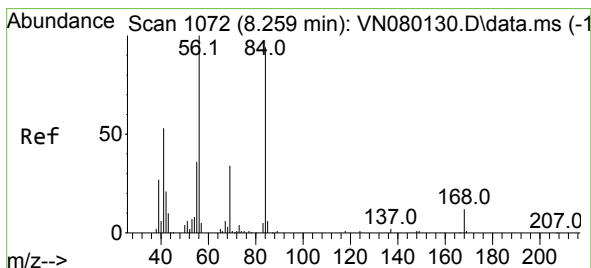
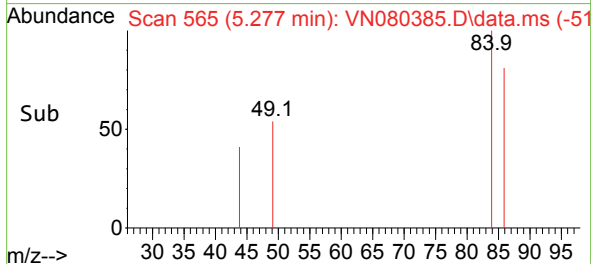
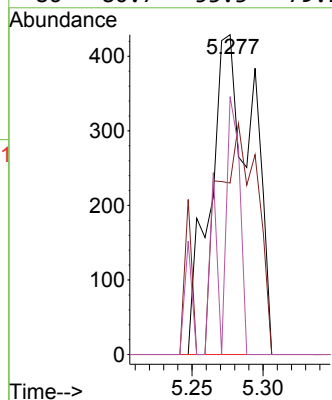


#20
Methylene Chloride
Concen: 0.404 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN080385.D
Acq: 06 Dec 2023 14:47

Instrument :
MSVOA_N
ClientSampleId :

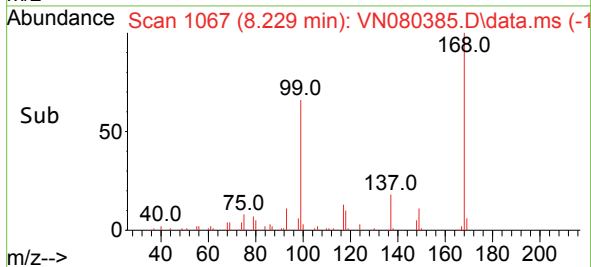
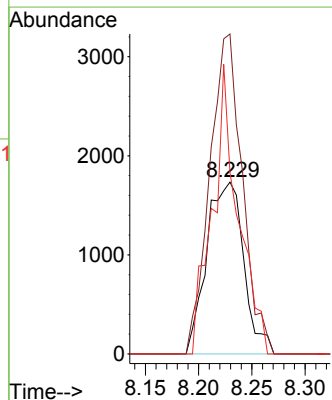
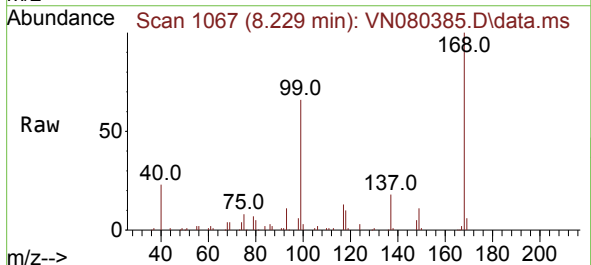


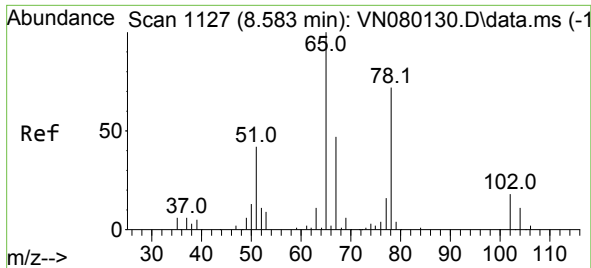
Tgt Ion:	84	Resp:	888
Ion	Ratio	Lower	Upper
84	100		
49	53.6	79.7	119.5#
51	0.0	25.2	37.8#
86	80.7	53.3	79.9#



#31
Cyclohexane
Concen: 1.232 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN080385.D
Acq: 06 Dec 2023 14:47

Tgt Ion:	56	Resp:	4188
Ion	Ratio	Lower	Upper
56	100		
69	186.3	26.8	40.2#
84	105.8	81.8	122.6





#33

1,2-Dichloroethane-d4

Concen: 51.262 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080385.D

Acq: 06 Dec 2023 14:47

Instrument :

MSVOA_N

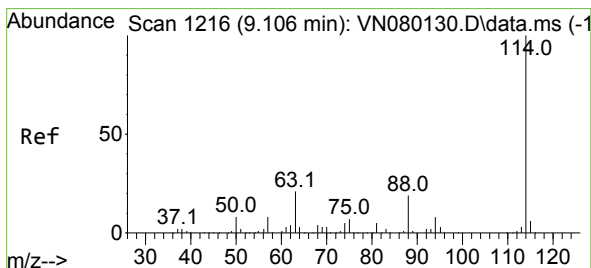
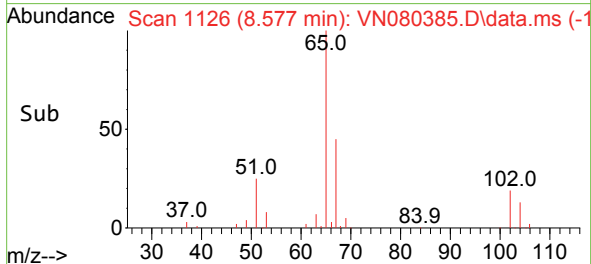
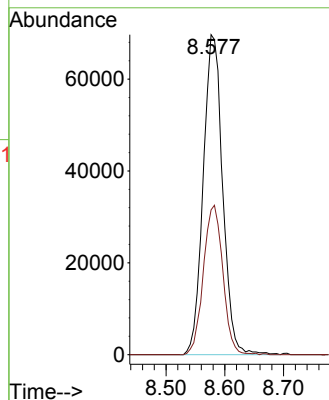
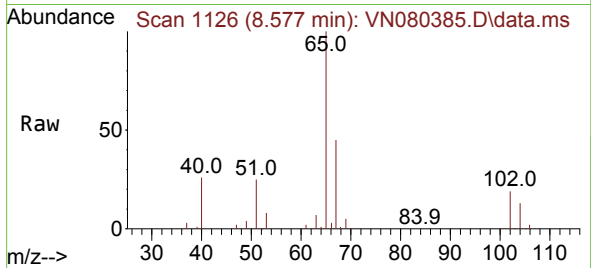
ClientSampleId :

Tgt Ion: 65 Resp: 160281

Ion Ratio Lower Upper

65 100

67 46.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080385.D

Acq: 06 Dec 2023 14:47

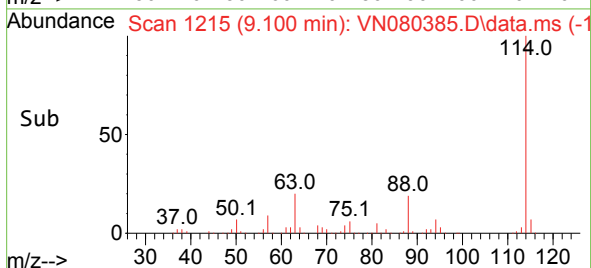
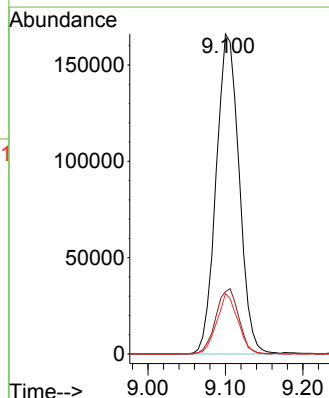
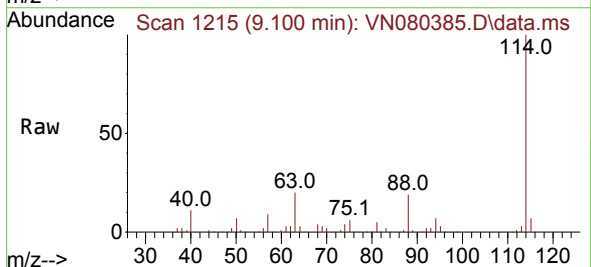
Tgt Ion: 114 Resp: 342960

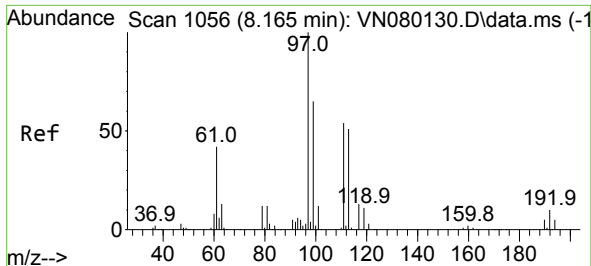
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.4

88 18.9 0.0 30.6

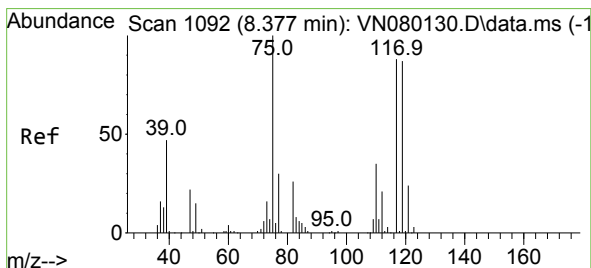
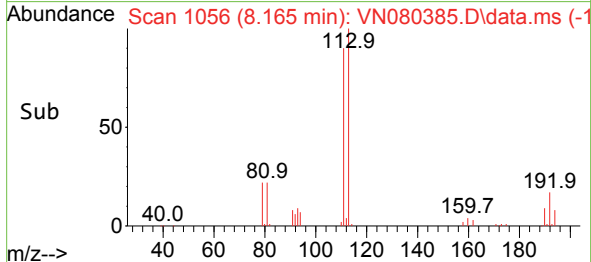
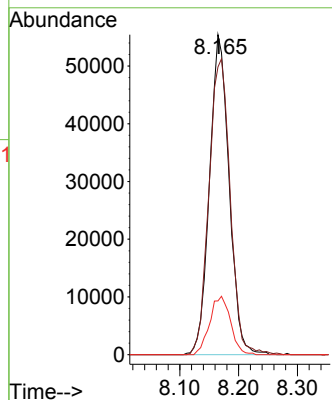
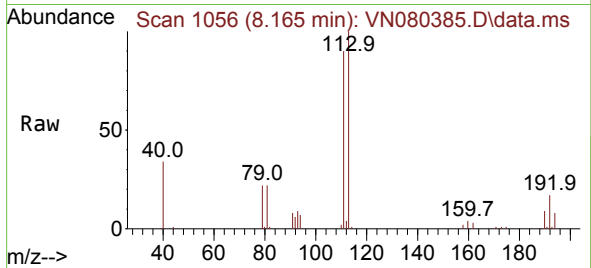




#35
Dibromofluoromethane
Concen: 50.783 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080385.D
Acq: 06 Dec 2023 14:47

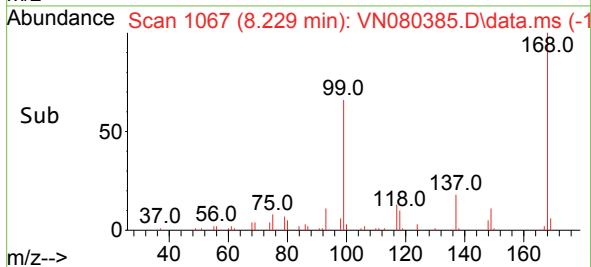
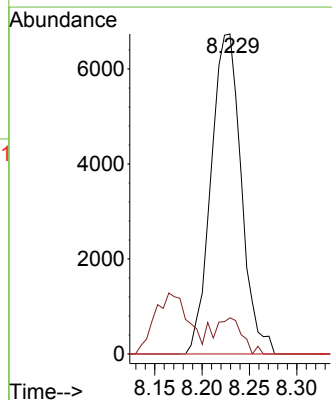
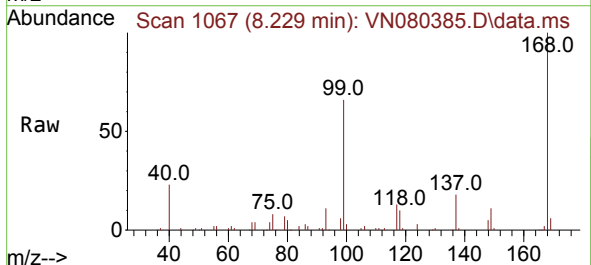
Instrument :
MSVOA_N
ClientSampleId :

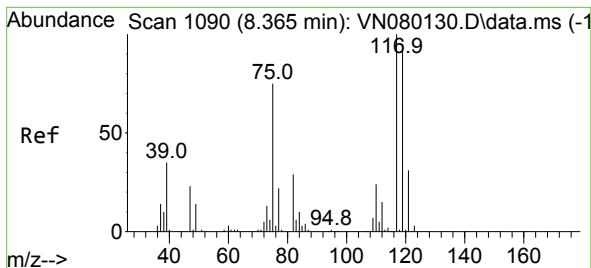
Tgt Ion:113 Resp: 128510
Ion Ratio Lower Upper
113 100
111 100.2 82.6 123.8
192 19.4 12.7 19.1#



#36
1,1-Dichloropropene
Concen: 4.088 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN080385.D
Acq: 06 Dec 2023 14:47

Tgt Ion: 75 Resp: 14978
Ion Ratio Lower Upper
75 100
110 11.1 19.1 57.3#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 4.536 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.136 min

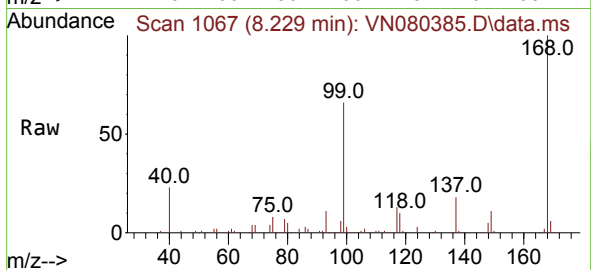
Lab File: VN080385.D

Acq: 06 Dec 2023 14:47

Instrument :

MSVOA_N

ClientSampleId :



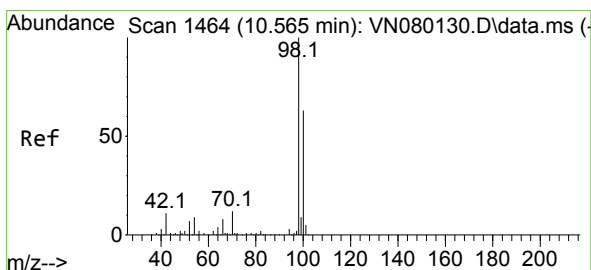
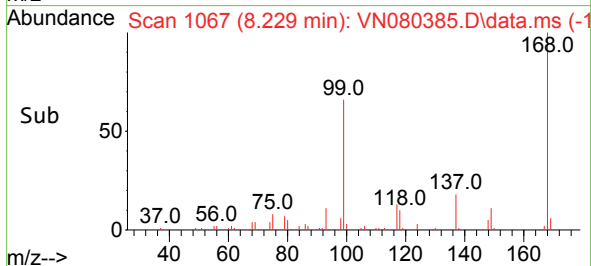
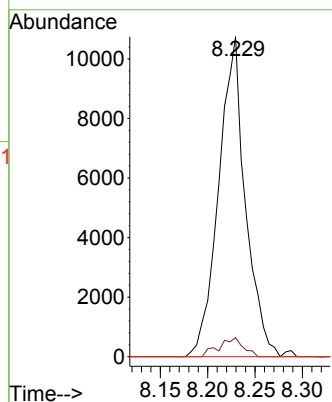
Tgt Ion:117 Resp: 21090

Ion Ratio Lower Upper

117 100

119 6.0 77.3 115.9#

121 0.0 23.3 34.9#



#50

Toluene-d8

Concen: 49.190 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080385.D

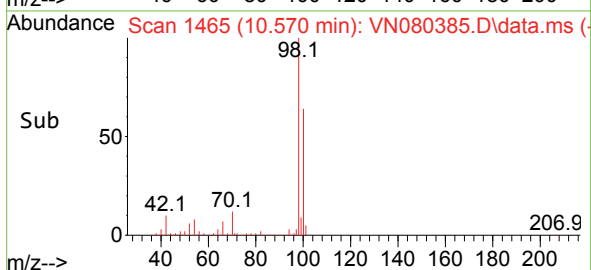
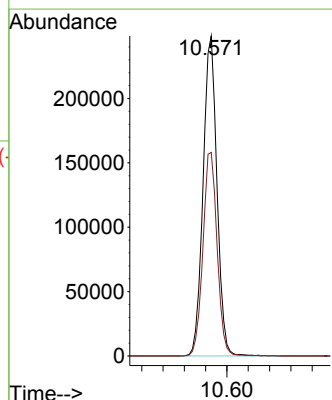
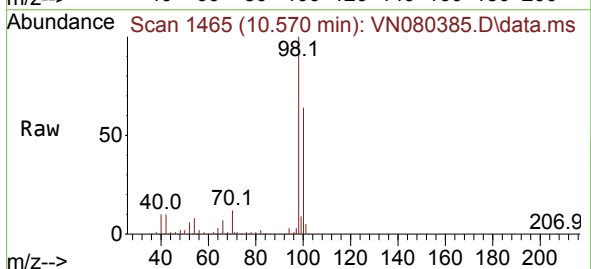
Acq: 06 Dec 2023 14:47

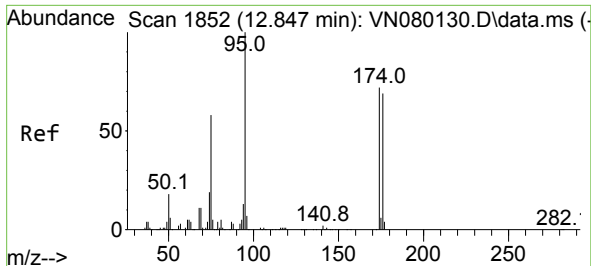
Tgt Ion: 98 Resp: 448727

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0

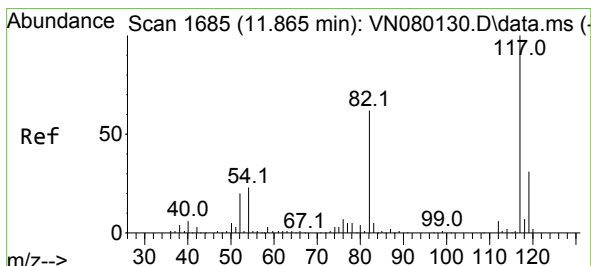
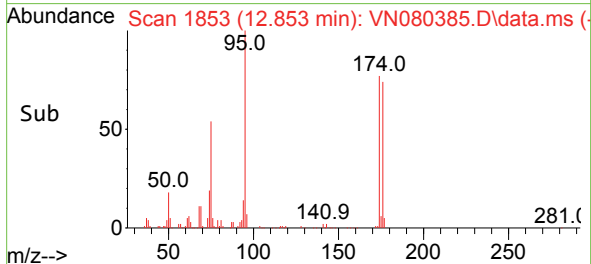
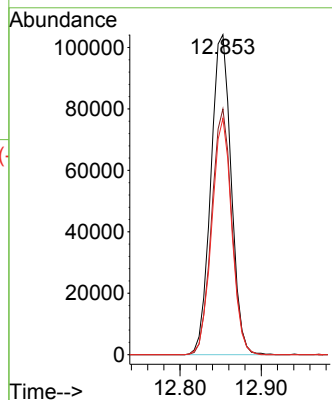
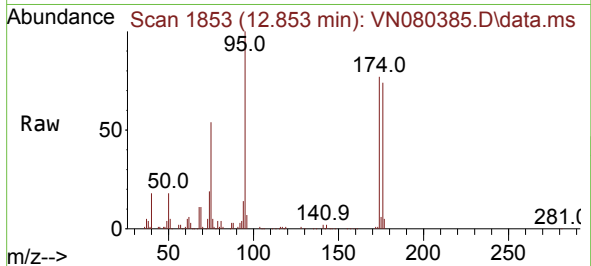




#62
4-Bromofluorobenzene
Concen: 52.599 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080385.D
Acq: 06 Dec 2023 14:47

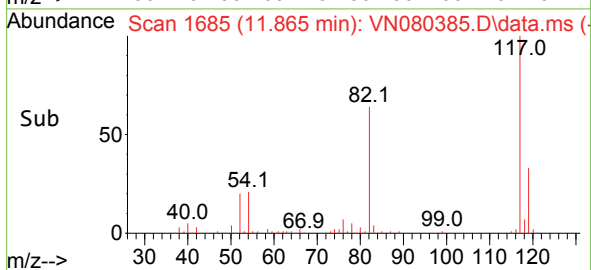
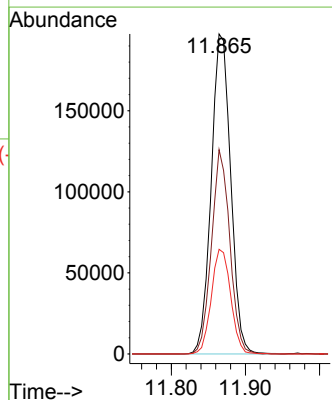
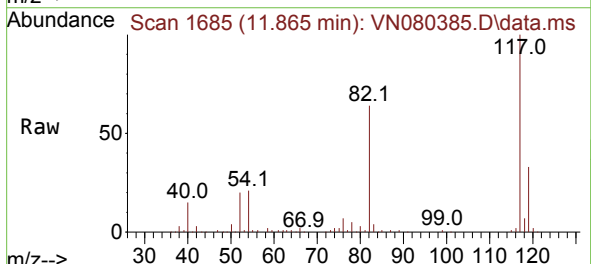
Instrument :
MSVOA_N
ClientSampleId :

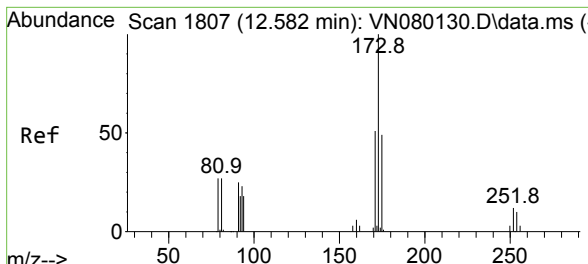
Tgt Ion: 95 Resp: 181238
Ion Ratio Lower Upper
95 100
174 76.5 0.0 143.8
176 72.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080385.D
Acq: 06 Dec 2023 14:47

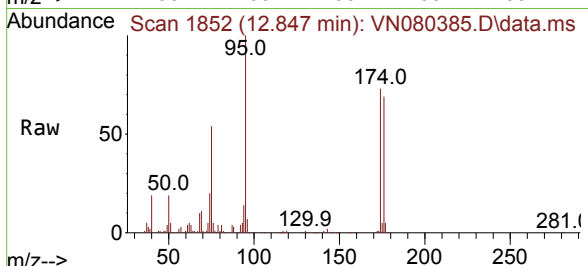
Tgt Ion: 117 Resp: 359896
Ion Ratio Lower Upper
117 100
82 63.9 44.0 66.0
119 32.7 25.6 38.4



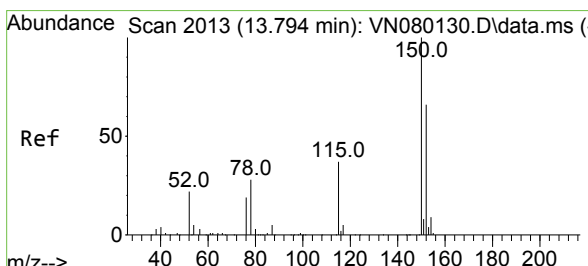
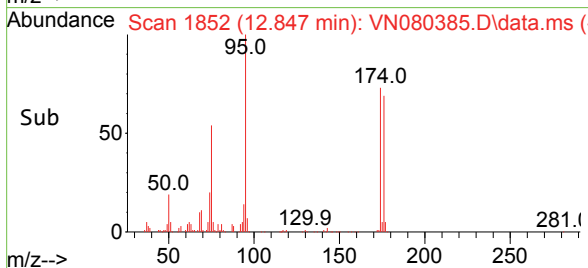
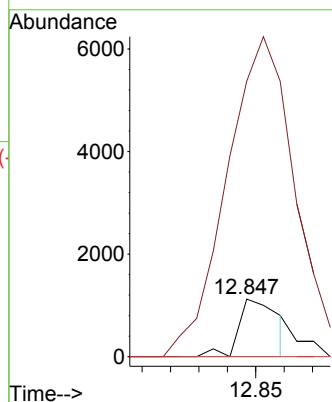


#71
 Bromoform
 Concen: 0.464 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.264 min
 Lab File: VN080385.D
 Acq: 06 Dec 2023 14:47

Instrument :
 MSVOA_N
 ClientSampleId :

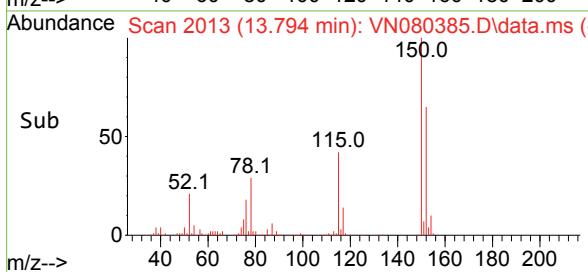
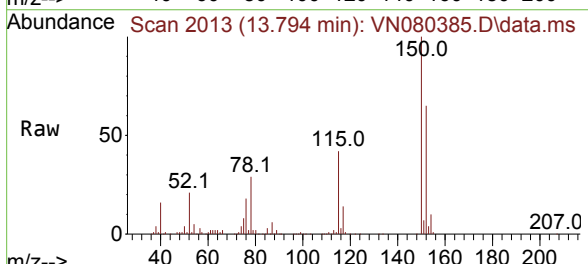
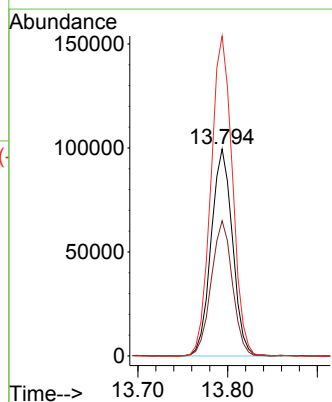


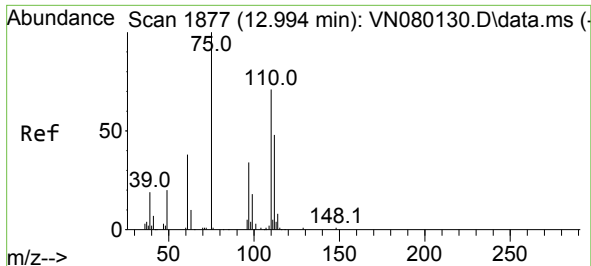
Tgt Ion:173 Resp: 1088
 Ion Ratio Lower Upper
 173 100
 175 782.2 24.3 73.0#
 254 0.0 0.0 0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN080385.D
 Acq: 06 Dec 2023 14:47

Tgt Ion:152 Resp: 164479
 Ion Ratio Lower Upper
 152 100
 115 64.8 32.3 96.8
 150 155.4 0.0 355.8

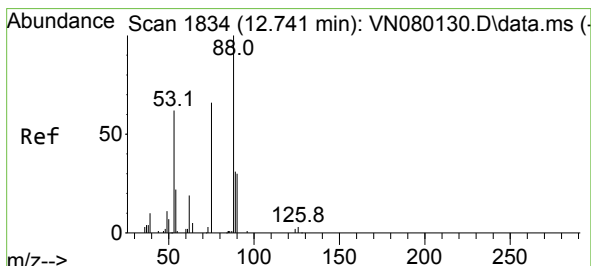
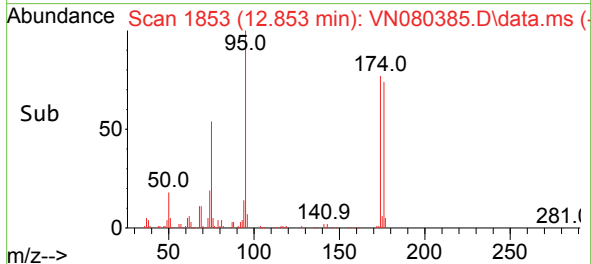
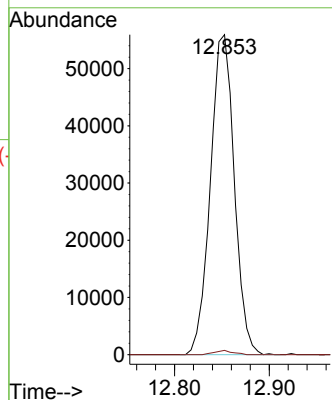
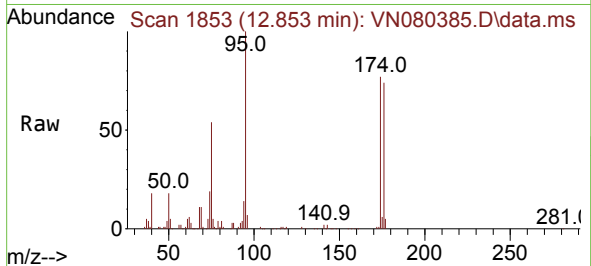




#76
1,2,3-Trichloropropane
Concen: 24.362 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080385.D
Acq: 06 Dec 2023 14:47

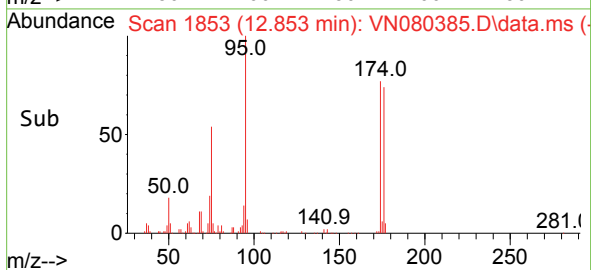
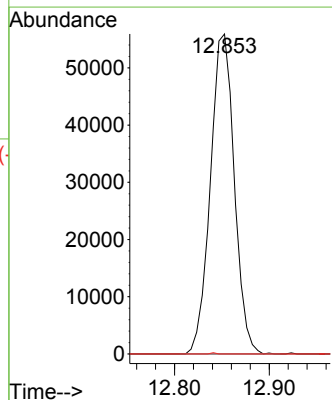
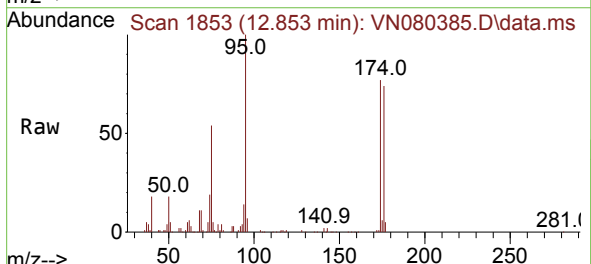
Instrument :
MSVOA_N
ClientSampleId :

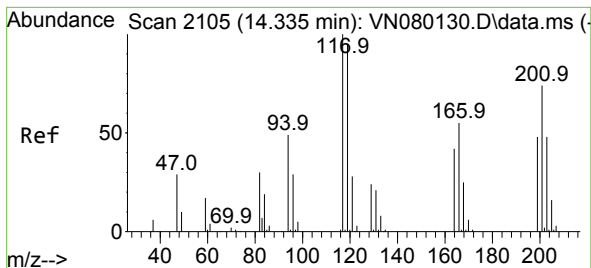
Tgt Ion: 75 Resp: 98178
Ion Ratio Lower Upper
75 100
77 1.0 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.308 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN080385.D
Acq: 06 Dec 2023 14:47

Tgt Ion: 75 Resp: 98178
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.1 38.8 58.2#





#90

Hexachloroethane

Concen: 0.217 ug/l

RT: 14.453 min Scan# 2105

Delta R.T. 0.117 min

Lab File: VN080385.D

Acq: 06 Dec 2023 14:47

Instrument :

MSVOA_N

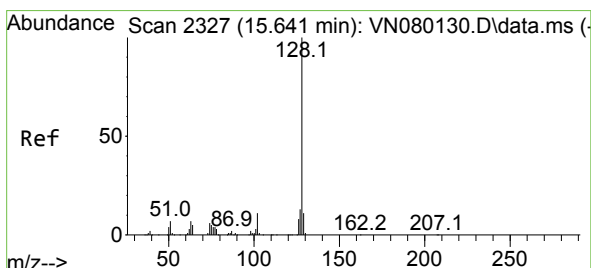
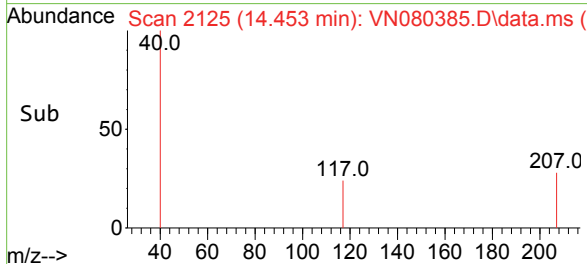
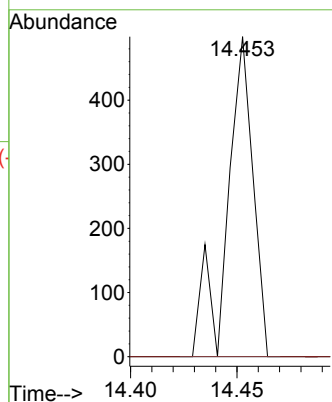
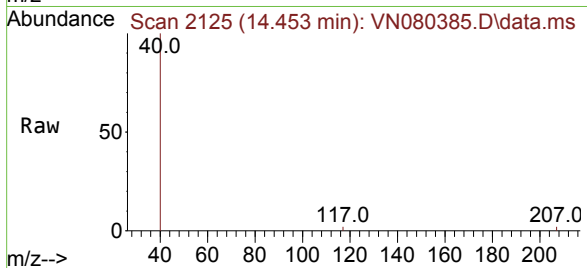
ClientSampleId :

Tgt Ion:117 Resp: 427

Ion Ratio Lower Upper

117 100

201 0.0 29.3 88.0#



#95

Naphthalene

Concen: 11.431 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN080385.D

Acq: 06 Dec 2023 14:47

Tgt Ion:128 Resp: 107105

Ion Ratio Lower Upper

128 100

127 13.2 10.0 15.0

129 11.7 8.7 13.1

