

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121223\
 Data File : VN080440.D
 Acq On : 12 Dec 2023 16:16
 Operator : JC\MD
 Sample : VN1212WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 13 02:32:52 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	242859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	391704	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	333407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	143556	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	218769	70.528	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 141.060%#	
35) Dibromofluoromethane	8.165	113	165175	66.507	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 133.020%#	
50) Toluene-d8	10.565	98	609569	65.811	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 131.620%#	
62) 4-Bromofluorobenzene	12.847	95	210095	59.734	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 119.460%	

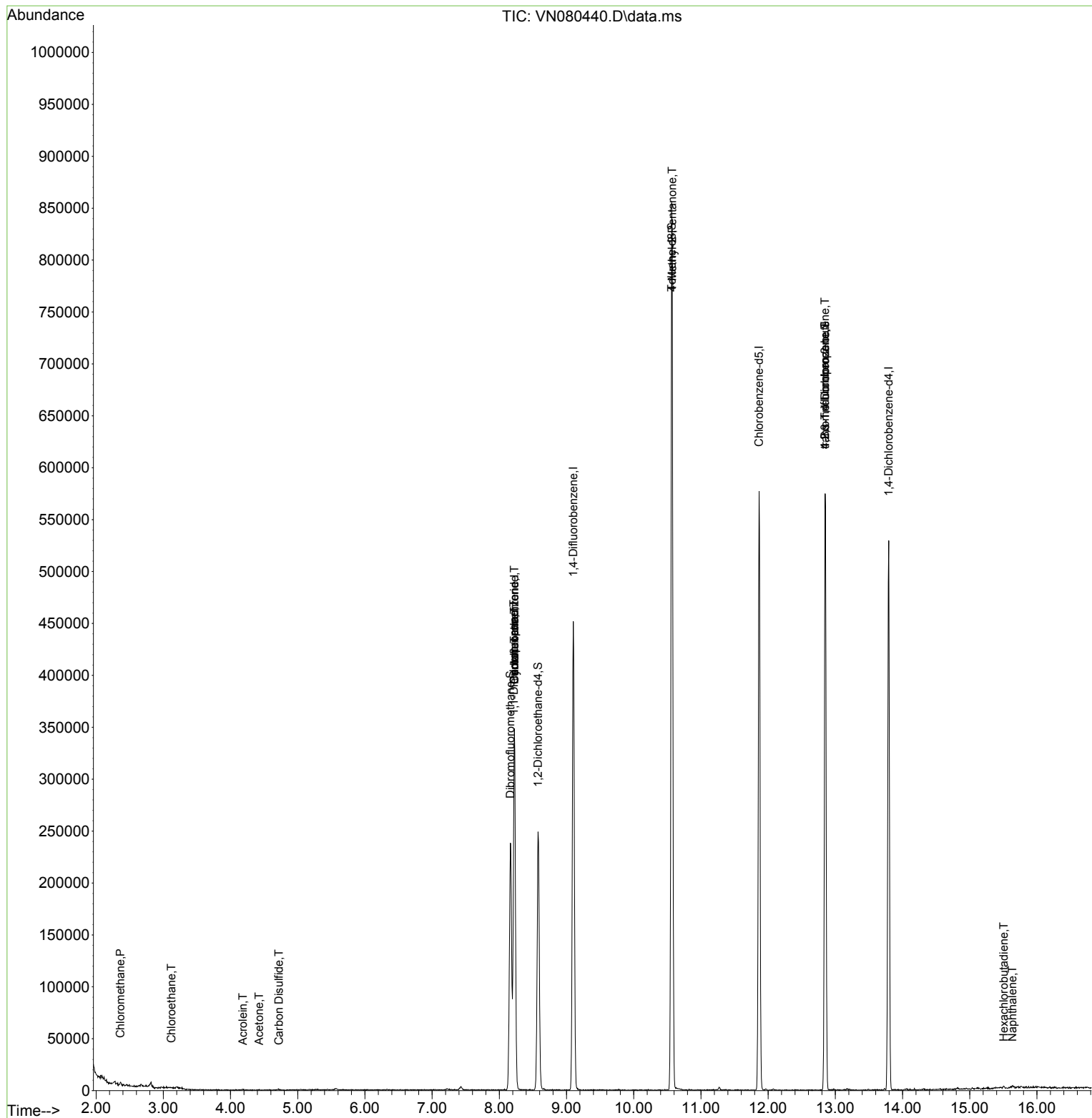
Target Compounds			Qvalue			
3) Chloromethane	2.359	50	3080	0.549	ug/l #	87
6) Chloroethane	3.118	64	813	0.477	ug/l #	43
13) Acrolein	4.183	56	664	1.660	ug/l	91
16) Acetone	4.424	43	165	0.300	ug/l #	40
17) Carbon Disulfide	4.718	76	1554	0.210	ug/l #	75
31) Cyclohexane	8.224	56	5127	1.215	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	20021	4.930	ug/l #	47
38) Carbon Tetrachloride	8.224	117	26425	5.446	ug/l #	16
51) 4-Methyl-2-Pentanone	10.571	43	1979	0.786	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	112706	39.354	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	112706	103.328	ug/l #	15
94) Hexachlorobutadiene	15.506	225	875	0.583	ug/l #	57
95) Naphthalene	15.635	128	1879	0.235	ug/l #	73

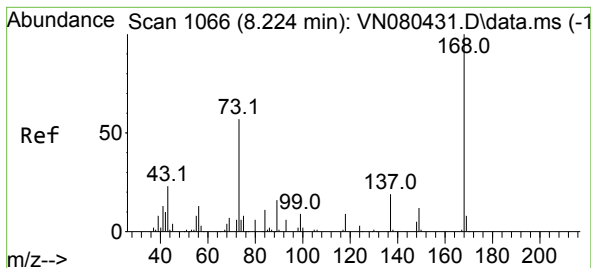
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 13 01:57:14 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: VN080440.D

Acq: 12 Dec 2023 16:16

Instrument :

MSVOA_N

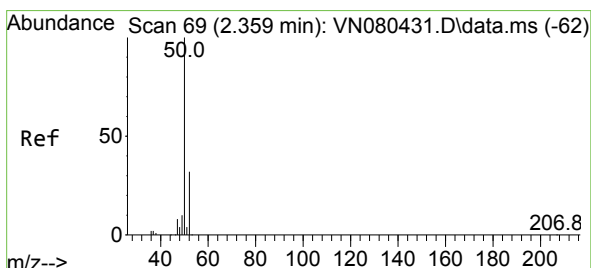
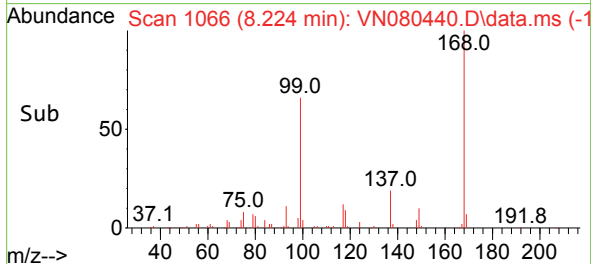
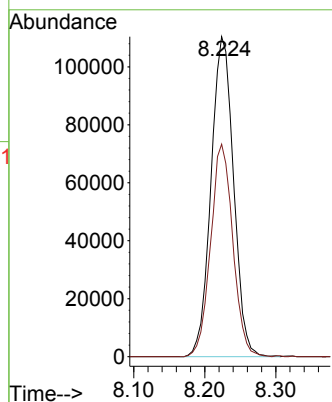
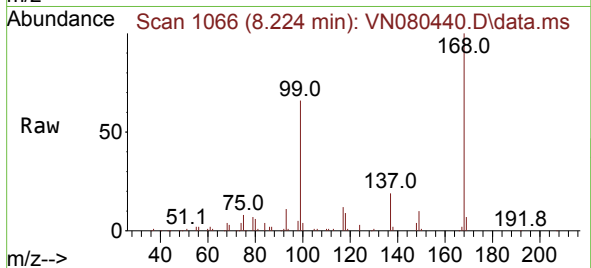
ClientSampleId :

Tgt Ion:168 Resp: 242859

Ion Ratio Lower Upper

168 100

99 66.4 53.0 79.6



#3

Chloromethane

Concen: 0.549 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN080440.D

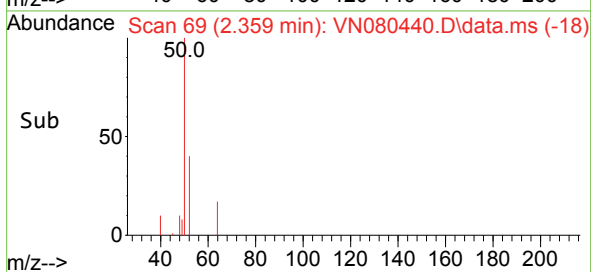
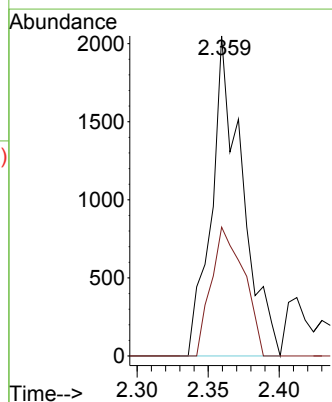
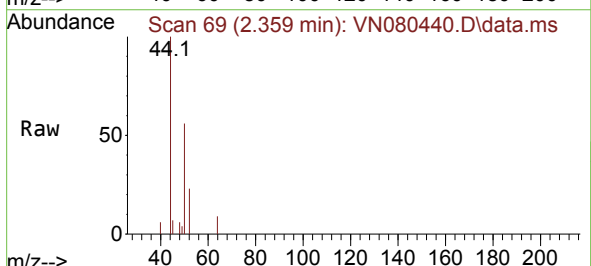
Acq: 12 Dec 2023 16:16

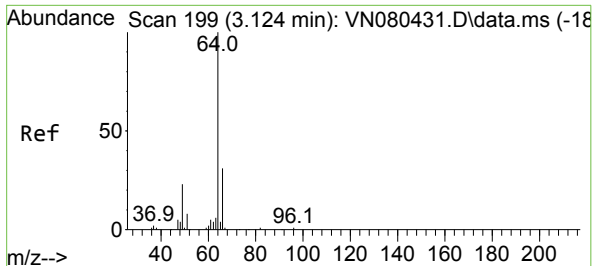
Tgt Ion: 50 Resp: 3080

Ion Ratio Lower Upper

50 100

52 40.3 26.5 39.7#

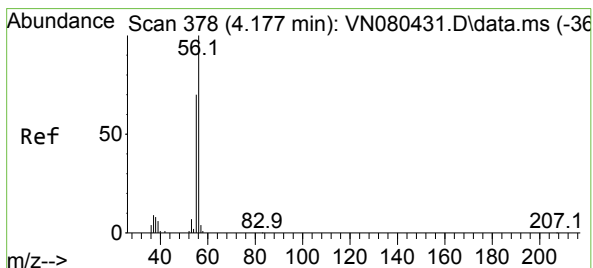
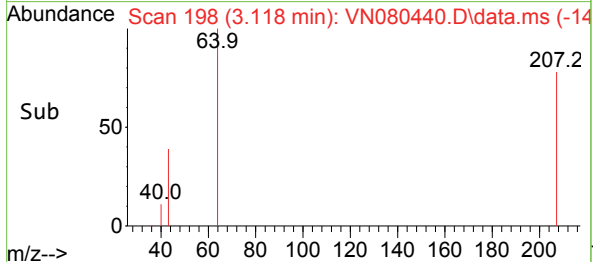
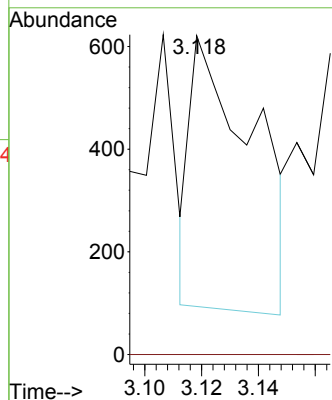
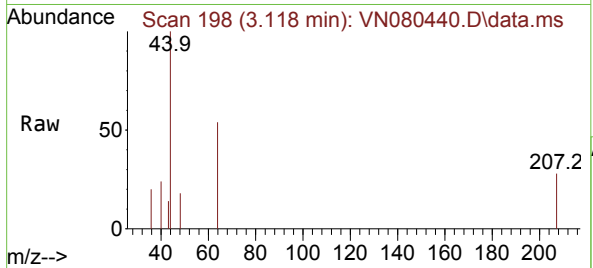




#6
Chloroethane
Concen: 0.477 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN080440.D
Acq: 12 Dec 2023 16:16

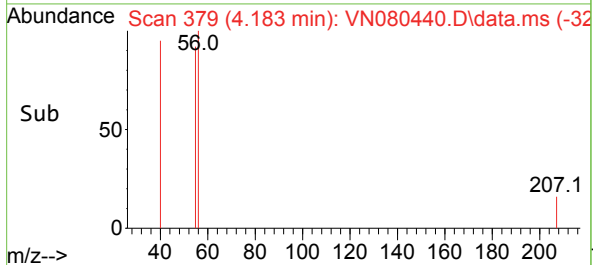
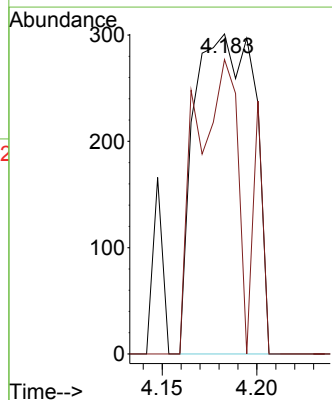
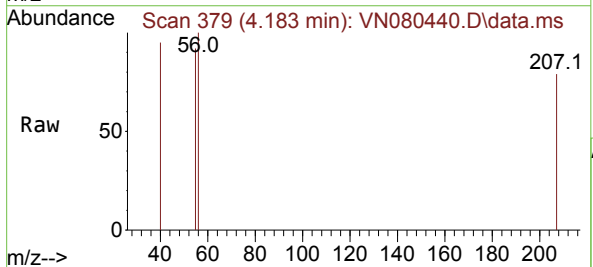
Instrument :
MSVOA_N
ClientSampleId :

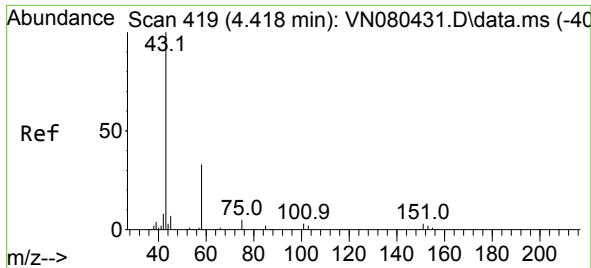
Tgt Ion: 64 Resp: 813
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#13
Acrolein
Concen: 1.660 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN080440.D
Acq: 12 Dec 2023 16:16

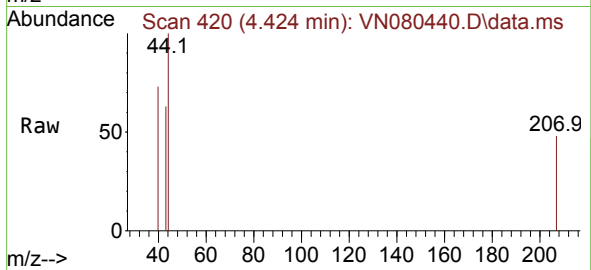
Tgt Ion: 56 Resp: 664
Ion Ratio Lower Upper
56 100
55 75.2 54.5 81.7



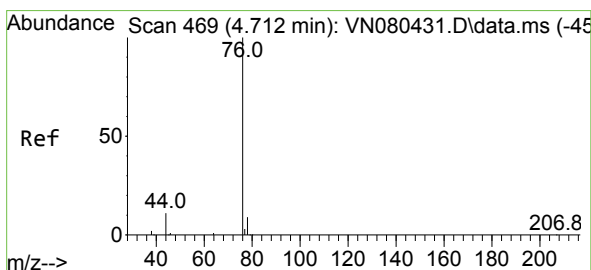
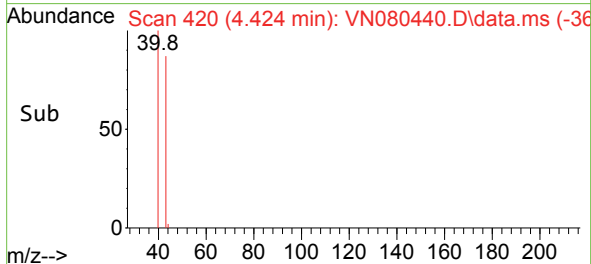
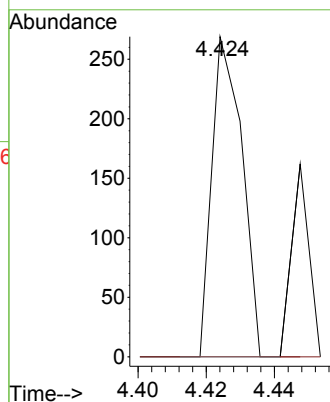


#16
Acetone
Concen: 0.300 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN080440.D
Acq: 12 Dec 2023 16:16

Instrument :
MSVOA_N
ClientSampleId :

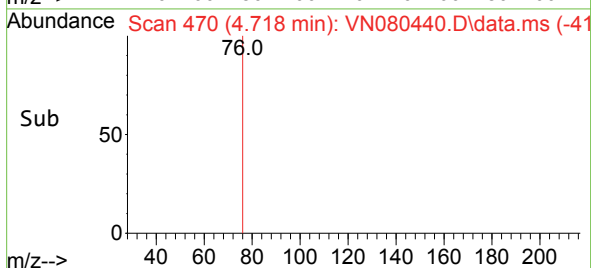
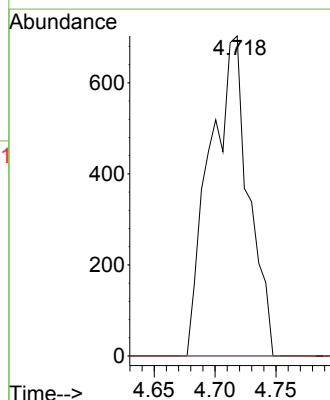
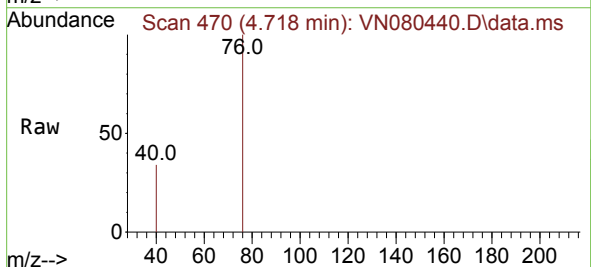


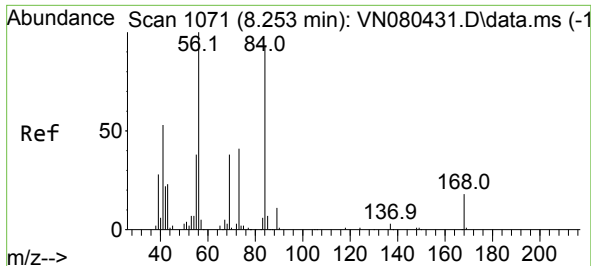
Tgt Ion: 43 Resp: 165
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#17
Carbon Disulfide
Concen: 0.210 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN080440.D
Acq: 12 Dec 2023 16:16

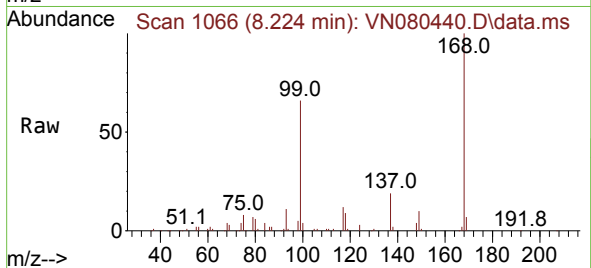
Tgt Ion: 76 Resp: 1554
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



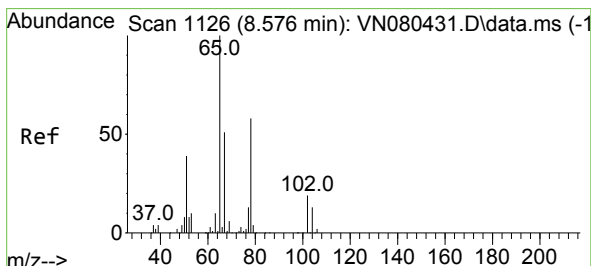
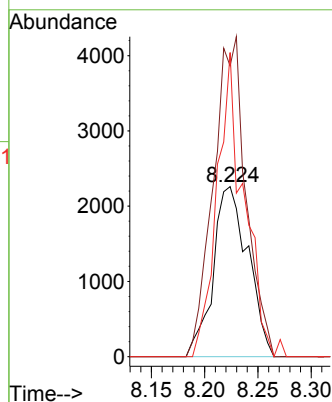
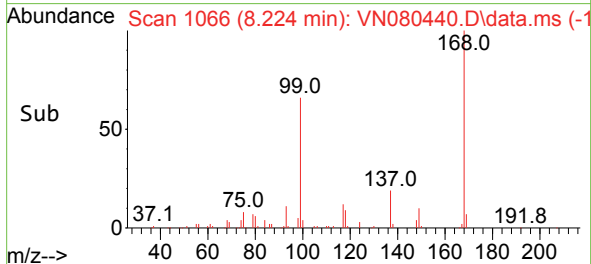


#31
Cyclohexane
Concen: 1.215 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN080440.D
Acq: 12 Dec 2023 16:16

Instrument :
MSVOA_N
ClientSampleId :

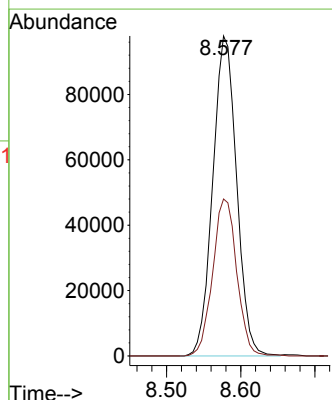
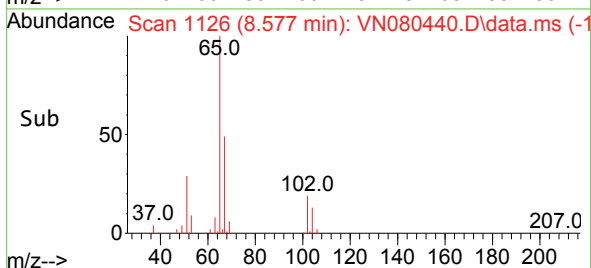
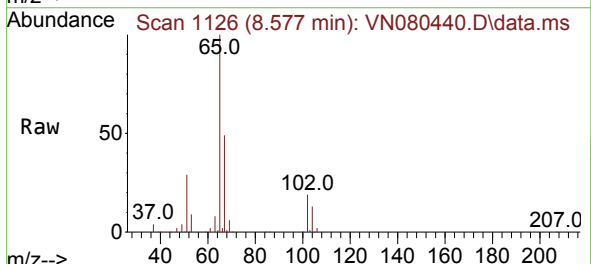


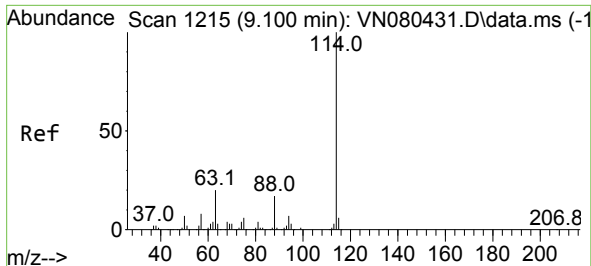
Tgt Ion: 56 Resp: 5127
Ion Ratio Lower Upper
56 100
69 171.0 26.8 40.2#
84 178.9 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 70.528 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080440.D
Acq: 12 Dec 2023 16:16

Tgt Ion: 65 Resp: 218769
Ion Ratio Lower Upper
65 100
67 49.5 0.0 106.6

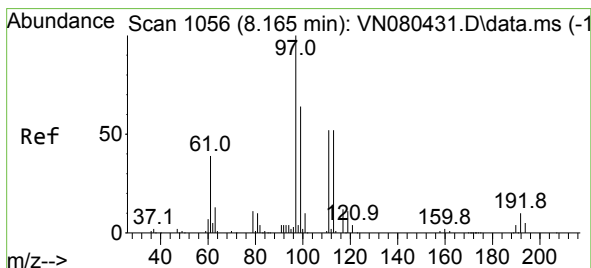
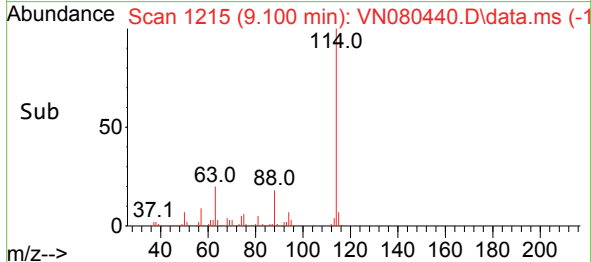
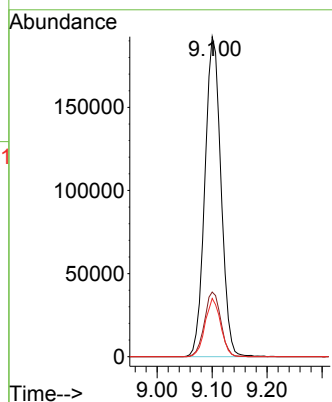
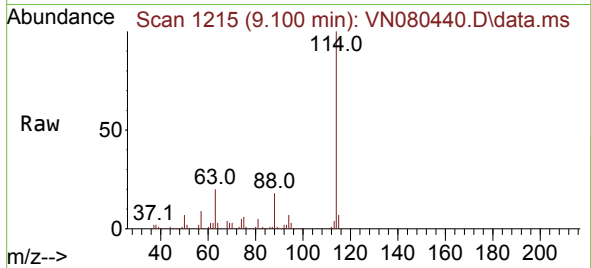




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080440.D
Acq: 12 Dec 2023 16:16

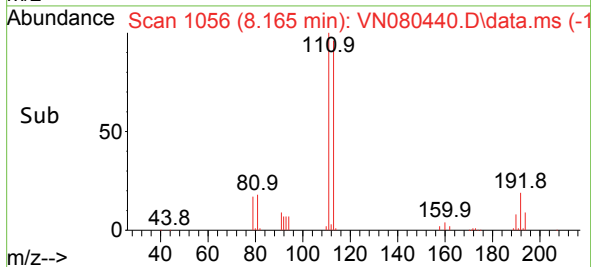
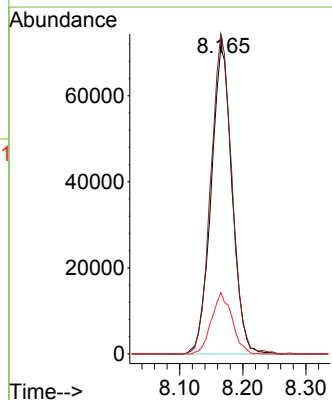
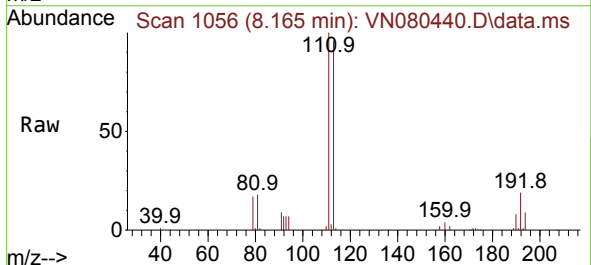
Instrument :
MSVOA_N
ClientSampleId :

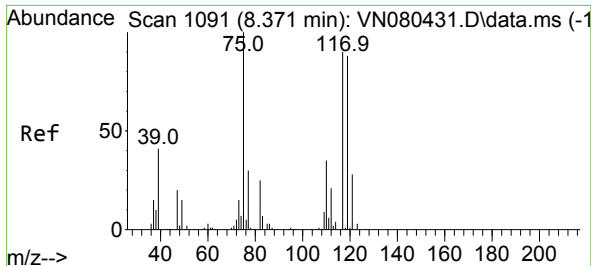
Tgt Ion:114 Resp: 391704
Ion Ratio Lower Upper
114 100
63 20.2 0.0 36.4
88 18.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 66.507 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080440.D
Acq: 12 Dec 2023 16:16

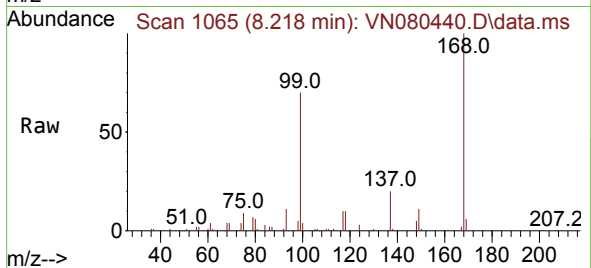
Tgt Ion:113 Resp: 165175
Ion Ratio Lower Upper
113 100
111 104.2 82.6 123.8
192 19.5 12.7 19.1#



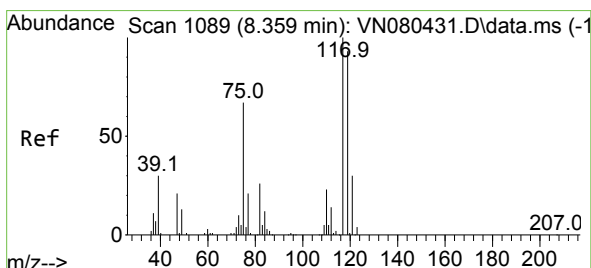
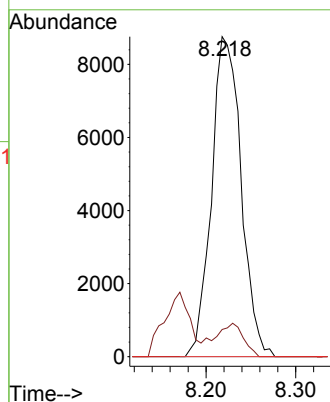
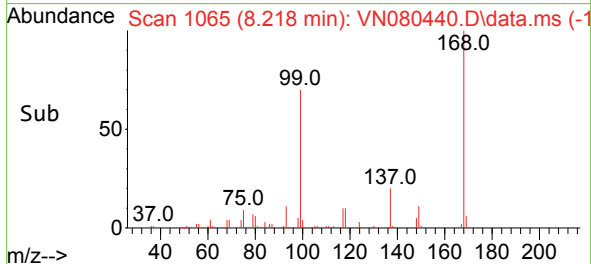


#36
 1,1-Dichloropropene
 Concen: 4.930 ug/l
 RT: 8.218 min Scan# 1065
 Delta R.T. -0.153 min
 Lab File: VN080440.D
 Acq: 12 Dec 2023 16:16

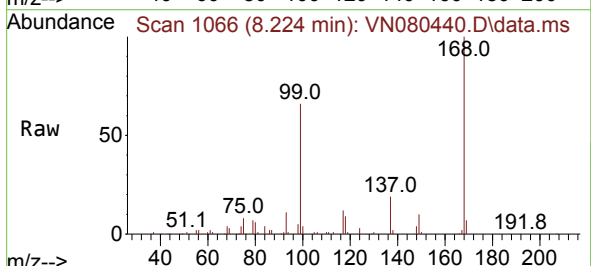
Instrument :
 MSVOA_N
 ClientSampleId :



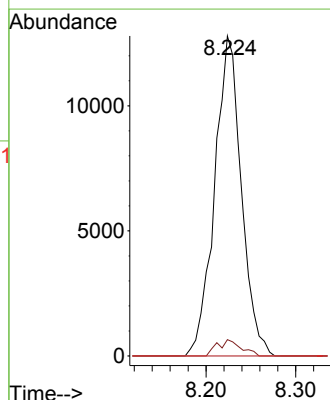
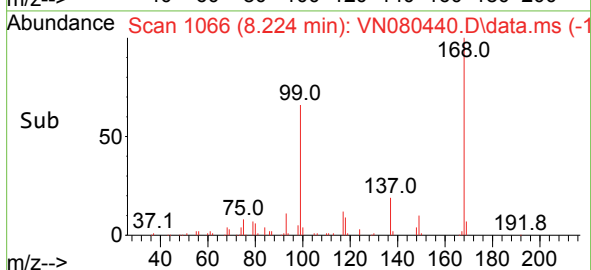
Tgt Ion: 75 Resp: 20021
 Ion Ratio Lower Upper
 75 100
 110 8.4 19.1 57.3#
 77 0.0 25.0 37.4#

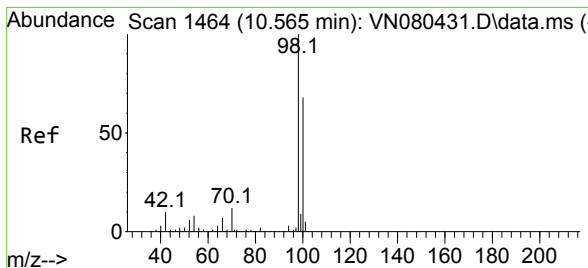


#38
 Carbon Tetrachloride
 Concen: 5.446 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.135 min
 Lab File: VN080440.D
 Acq: 12 Dec 2023 16:16



Tgt Ion: 117 Resp: 26425
 Ion Ratio Lower Upper
 117 100
 119 5.1 77.3 115.9#
 121 0.0 23.3 34.9#





#50

Toluene-d8

Concen: 65.811 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080440.D

Acq: 12 Dec 2023 16:16

Instrument :

MSVOA_N

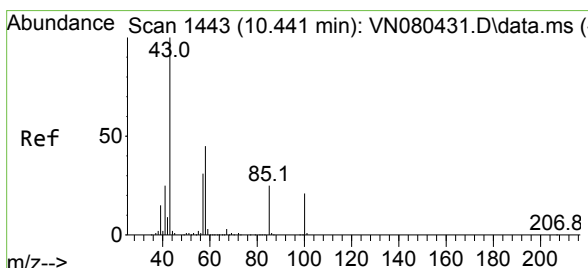
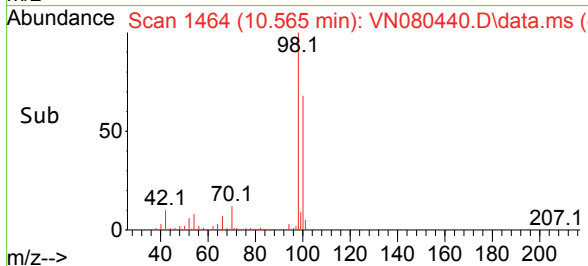
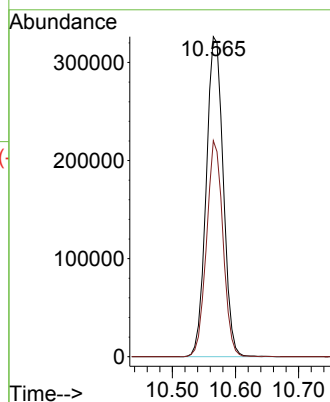
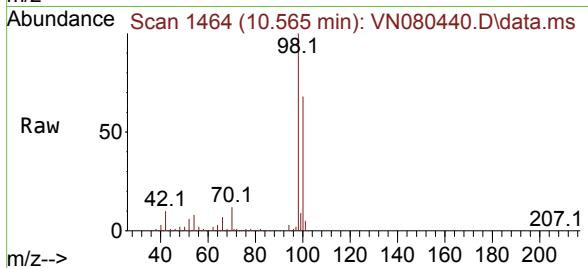
ClientSampleId :

Tgt Ion: 98 Resp: 609569

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 0.786 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.130 min

Lab File: VN080440.D

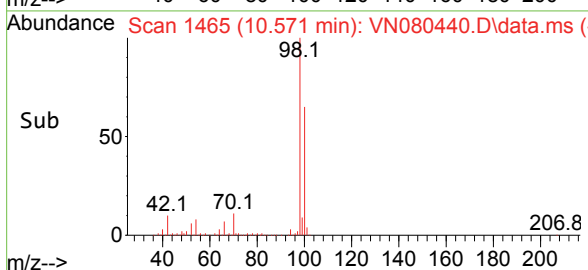
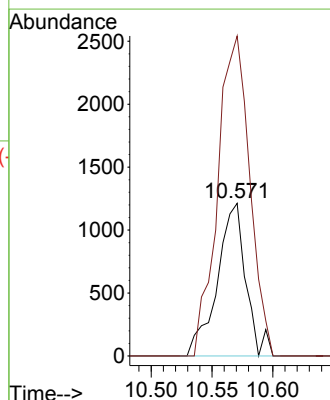
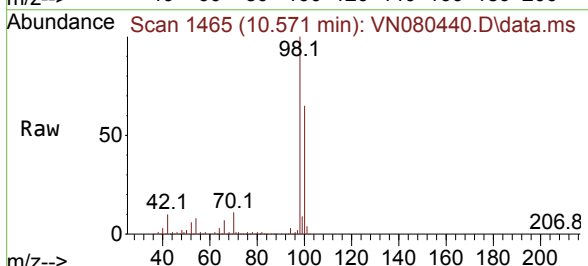
Acq: 12 Dec 2023 16:16

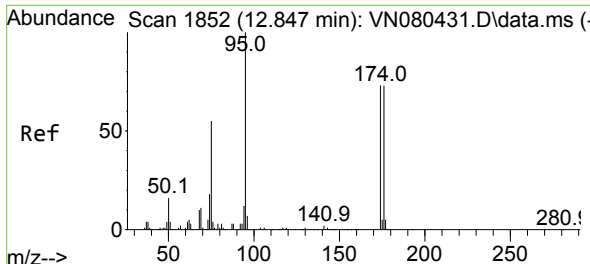
Tgt Ion: 43 Resp: 1979

Ion Ratio Lower Upper

43 100

58 235.6 36.6 54.8#

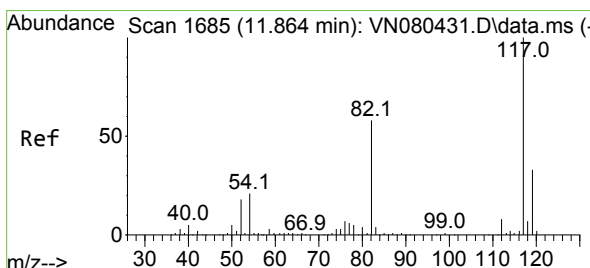
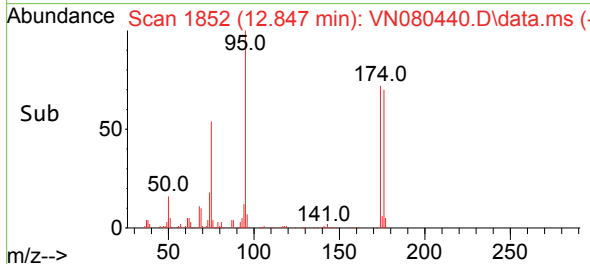
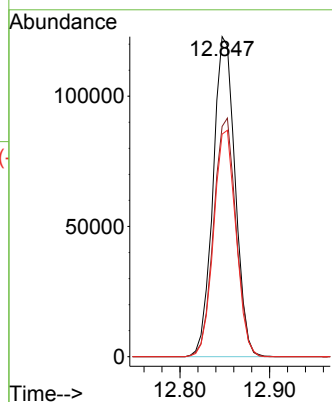
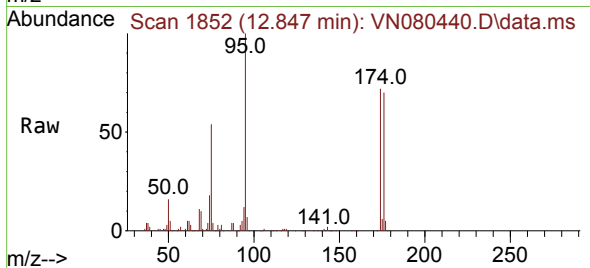




#62
4-Bromofluorobenzene
Concen: 59.734 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080440.D
Acq: 12 Dec 2023 16:16

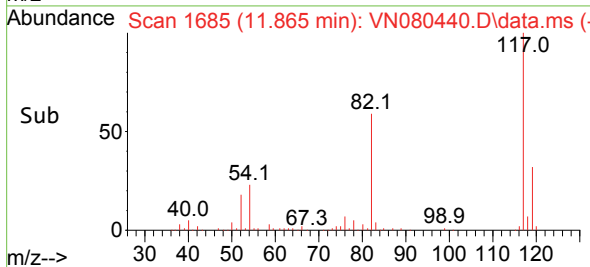
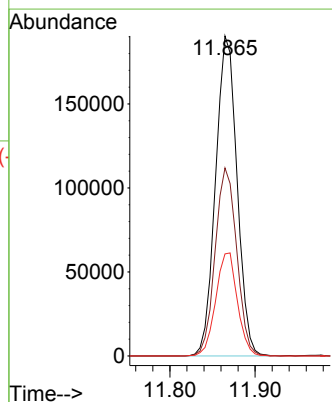
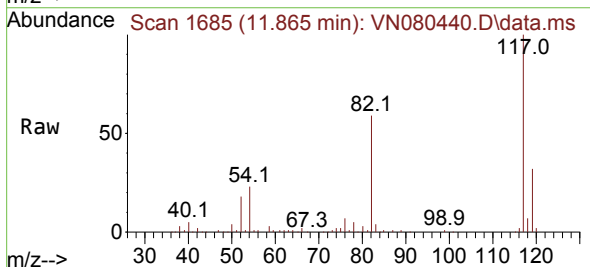
Instrument :
MSVOA_N
ClientSampleId :

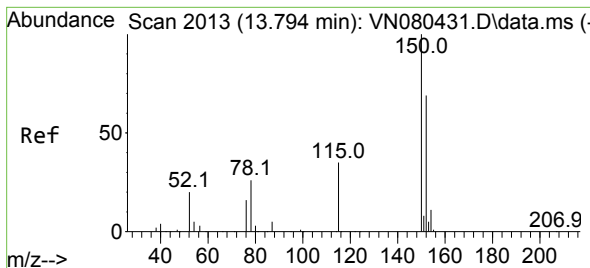
Tgt Ion: 95 Resp: 210095
Ion Ratio Lower Upper
95 100
174 75.6 0.0 143.8
176 71.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080440.D
Acq: 12 Dec 2023 16:16

Tgt Ion: 117 Resp: 333407
Ion Ratio Lower Upper
117 100
82 58.7 44.0 66.0
119 31.9 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN080440.D

Acq: 12 Dec 2023 16:16

Instrument :

MSVOA_N

ClientSampleId :

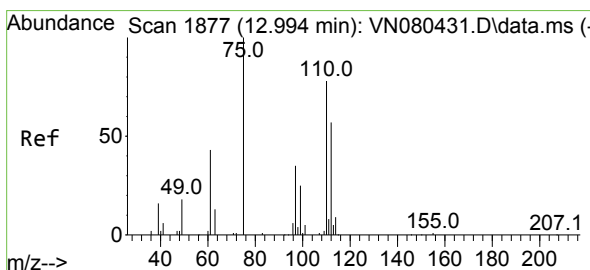
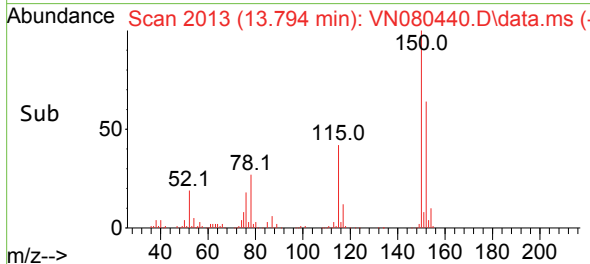
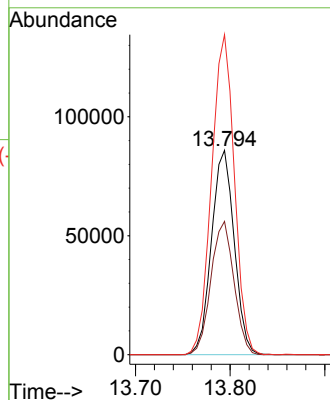
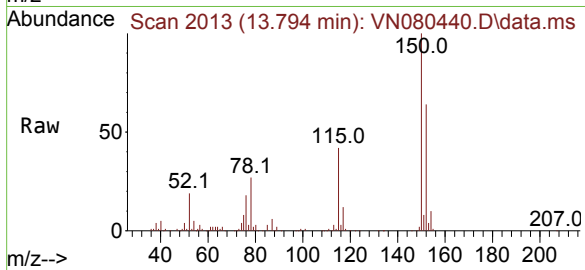
Tgt Ion:152 Resp: 143556

Ion Ratio Lower Upper

152 100

115 66.1 32.3 96.8

150 157.0 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 39.354 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN080440.D

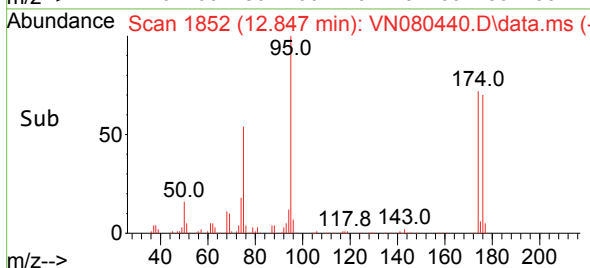
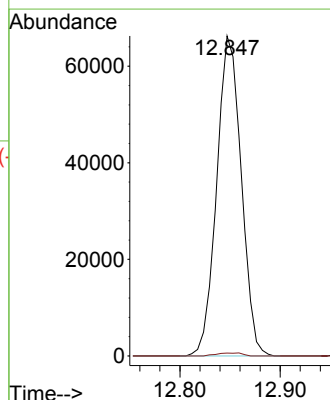
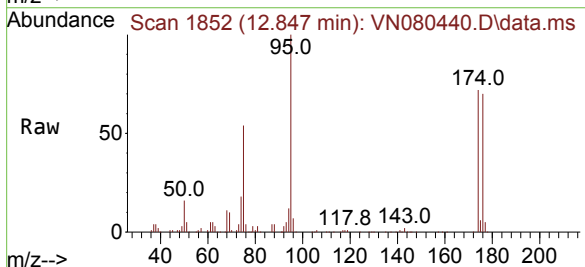
Acq: 12 Dec 2023 16:16

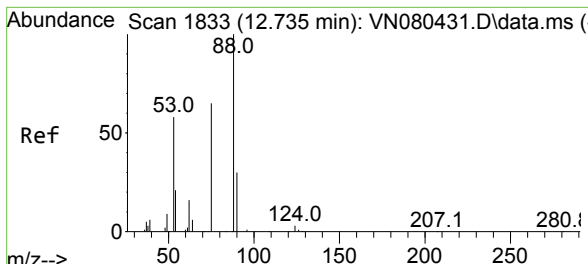
Tgt Ion: 75 Resp: 112706

Ion Ratio Lower Upper

75 100

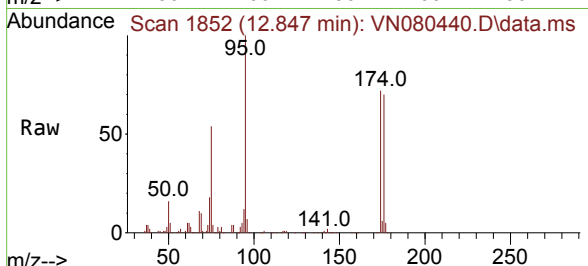
77 1.0 84.5 253.5#



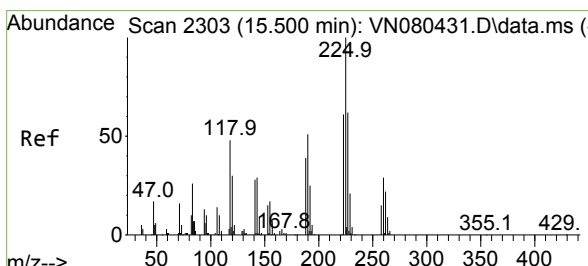
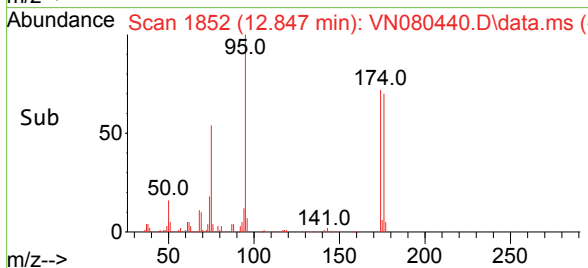
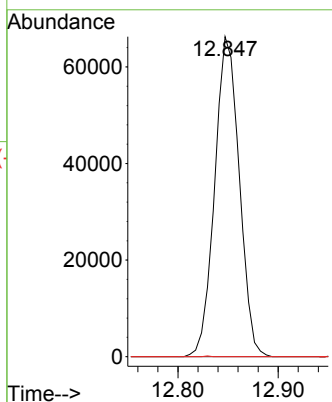


#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.328 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN080440.D
 Acq: 12 Dec 2023 16:16

Instrument :
 MSVOA_N
 ClientSampleId :

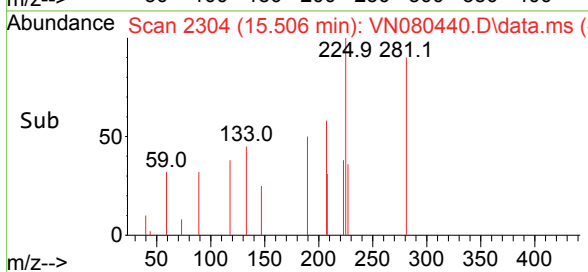
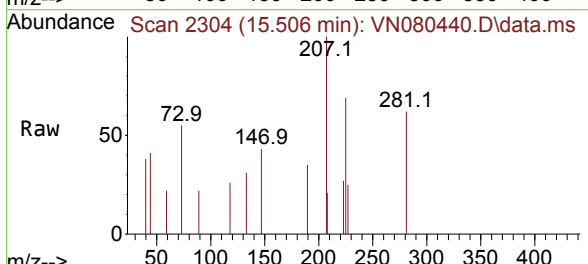
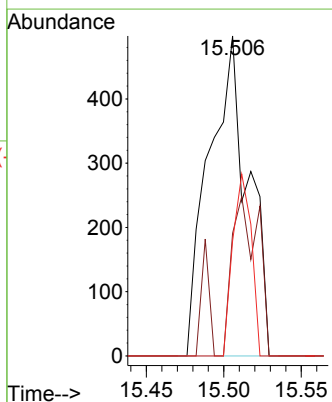


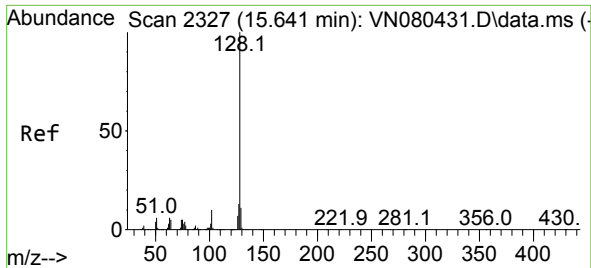
Tgt Ion:	75	Resp:	112706
Ion Ratio	Lower	Upper	
75	100		
53	0.0	67.4	101.2#
89	0.1	38.8	58.2#



#94
 Hexachlorobutadiene
 Concen: 0.583 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.006 min
 Lab File: VN080440.D
 Acq: 12 Dec 2023 16:16

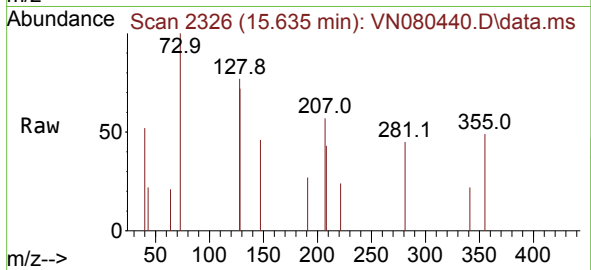
Tgt Ion:	225	Resp:	875
Ion Ratio	Lower	Upper	
225	100		
223	33.1	31.3	93.8
227	26.9	31.9	95.9#





#95
Naphthalene
Concen: 0.235 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN080440.D
Acq: 12 Dec 2023 16:16

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 1879
Ion Ratio Lower Upper
128 100
127 0.0 10.0 15.0#
129 2.9 8.7 13.1#

