

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011323\
 Data File : VN076257.D
 Acq On : 13 Jan 2023 18:39
 Operator : JC\MD
 Sample : 01160-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 16 01:15:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

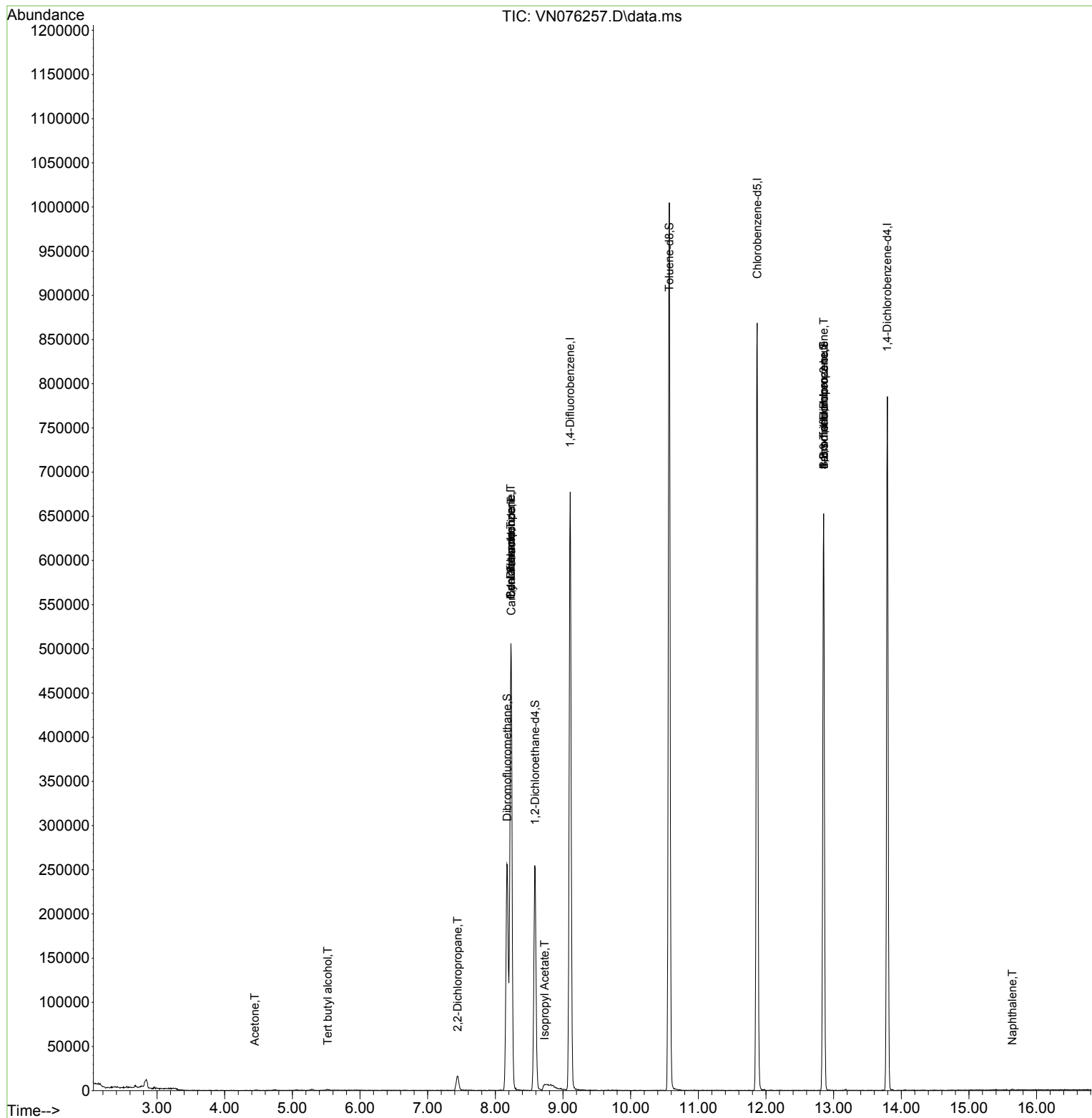
Internal Standards						
1) Pentafluorobenzene	8.230	168	393944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	621466	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	528086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	214786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	203178	47.408	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.820%
35) Dibromofluoromethane	8.177	113	185972	48.321	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.640%
50) Toluene-d8	10.571	98	710281	49.360	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.720%
62) 4-Bromofluorobenzene	12.853	95	214484	45.003	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.000%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.524	59	923	1.522	ug/l #	72
16) Acetone	4.448	43	1082	0.732	ug/l #	84
20) Methylene Chloride	5.271	84	577	Below Cal	#	77
26) 2,2-Dichloropropane	7.441	77	1248	0.223	ug/l #	50
31) Cyclohexane	8.230	56	7753	1.263	ug/l #	2
36) 1,1-Dichloropropene	8.230	75	28295	5.534	ug/l #	49
38) Carbon Tetrachloride	8.236	117	38274	6.689	ug/l #	17
43) Isopropyl Acetate	8.730	43	5452	0.805	ug/l #	50
71) Bromoform	12.853	173	861	0.295	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	113713	26.264	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	113713	94.538	ug/l #	12
95) Naphthalene	15.641	128	1387	2.291	ug/l #	75

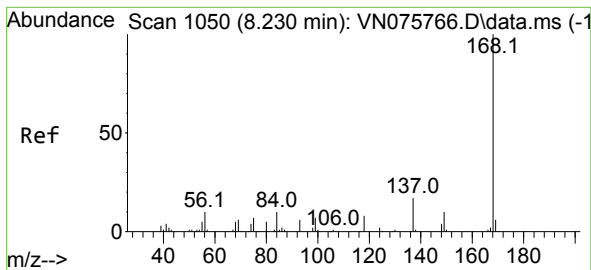
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.000 min

Lab File: VN076257.D

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Instrument :

MSVOA_N

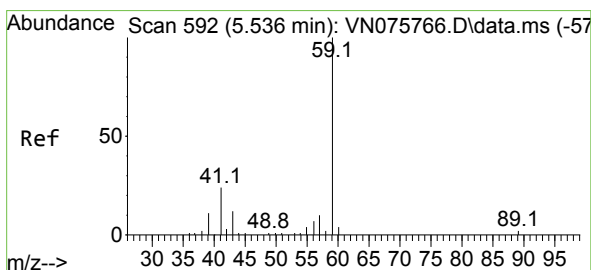
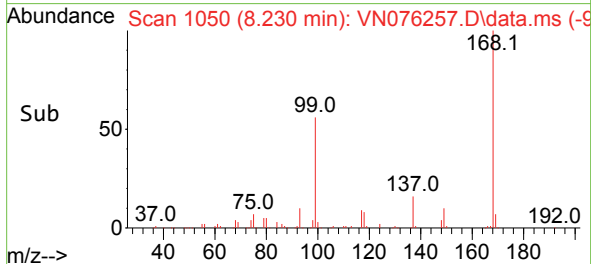
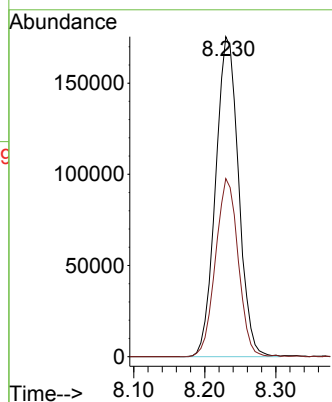
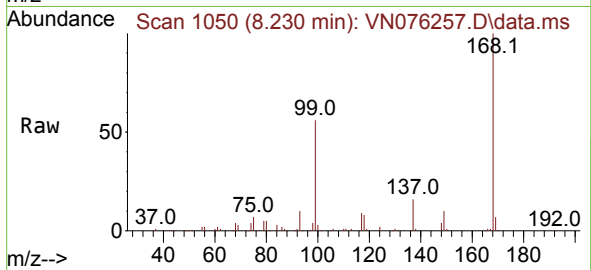
ClientSampleId :

Tgt Ion:168 Resp: 393944

Ion Ratio Lower Upper

168 100

99 55.6 44.2 66.4



#11

Tert butyl alcohol

Concen: 1.522 ug/l

RT: 5.524 min Scan# 590

Delta R.T. -0.012 min

Lab File: VN076257.D

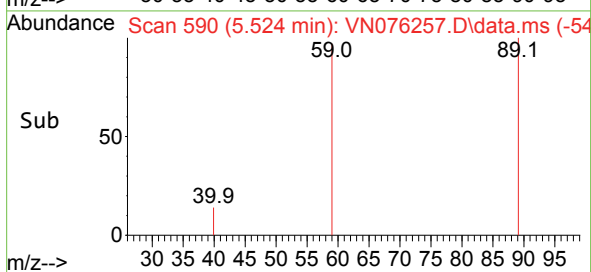
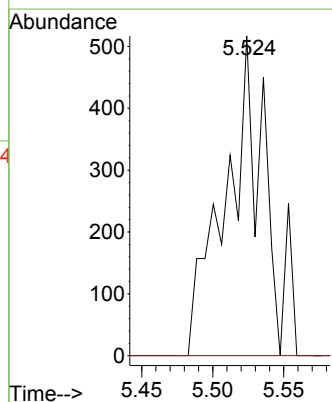
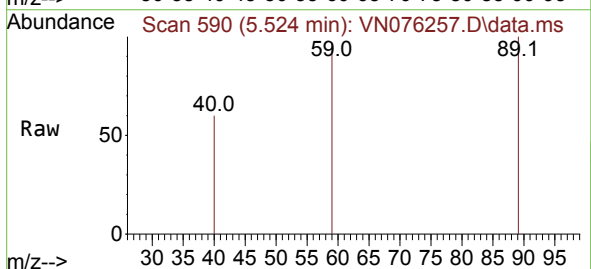
Acq: 13 Jan 2023 18:39

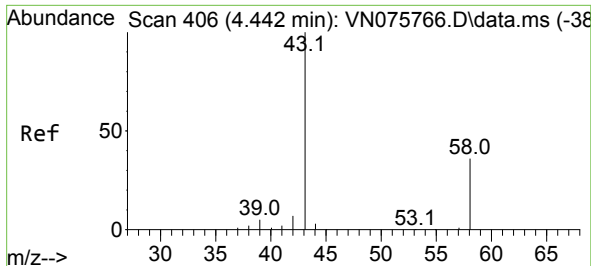
Tgt Ion: 59 Resp: 923

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#





#16

Acetone

Concen: 0.732 ug/l

RT: 4.448 min Scan# 406

Delta R.T. 0.006 min

Lab File: VN076257.D

Acq: 13 Jan 2023 18:39

Instrument :

MSVOA_N

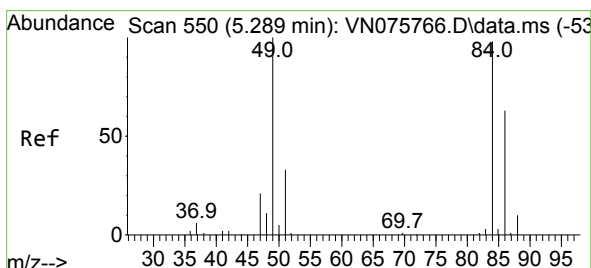
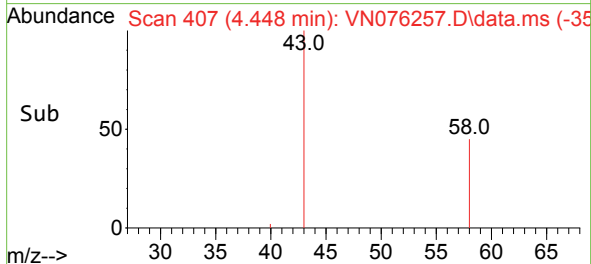
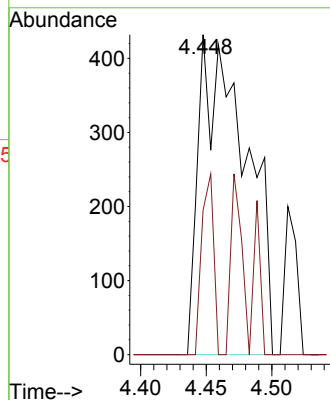
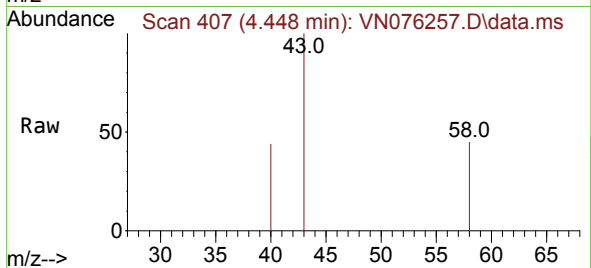
ClientSampleId :

Tgt Ion: 43 Resp: 1082

Ion Ratio Lower Upper

43 100

58 45.1 28.6 43.0#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.271 min Scan# 547

Delta R.T. -0.018 min

Lab File: VN076257.D

Acq: 13 Jan 2023 18:39

Tgt Ion: 84 Resp: 577

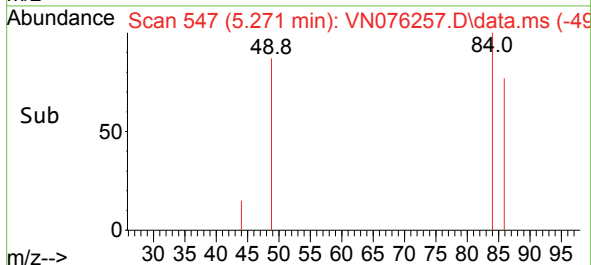
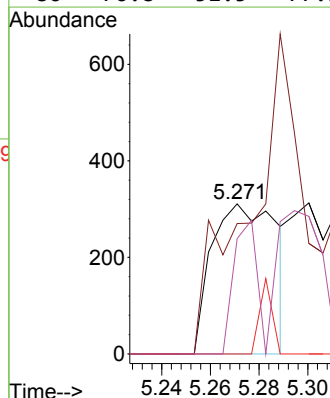
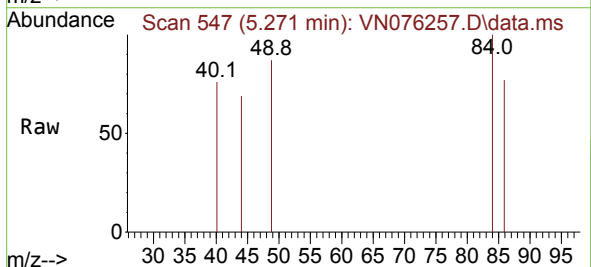
Ion Ratio Lower Upper

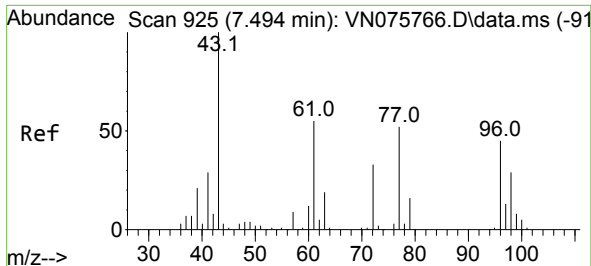
84 100

49 86.8 81.8 122.6

51 0.0 26.7 40.1#

86 76.8 51.5 77.3

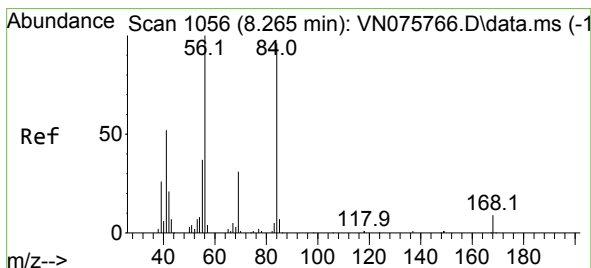
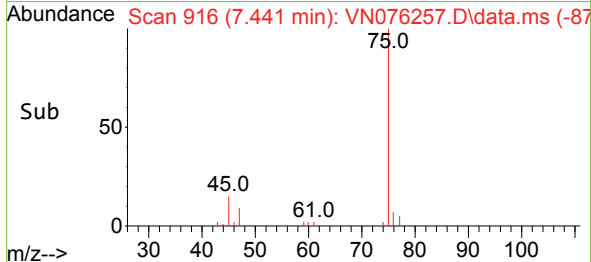
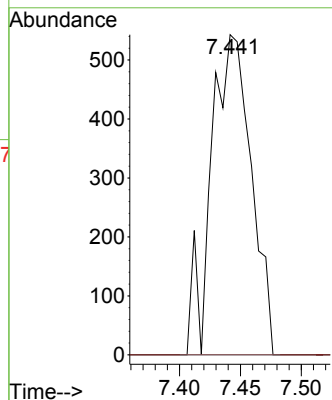
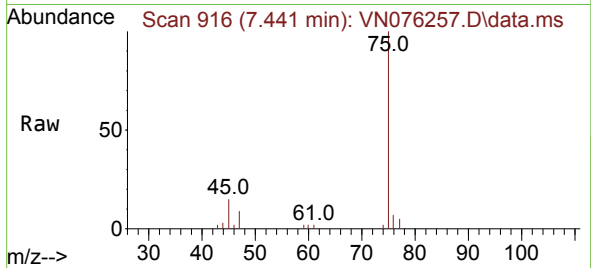




#26
2,2-Dichloropropane
Concen: 0.223 ug/l
RT: 7.441 min Scan# 916
Delta R.T. -0.053 min
Lab File: VN076257.D
Acq: 13 Jan 2023 18:39

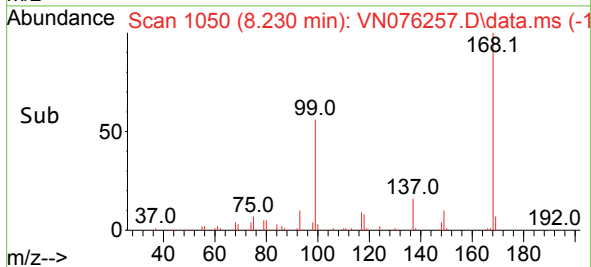
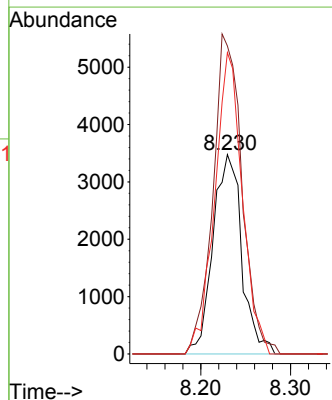
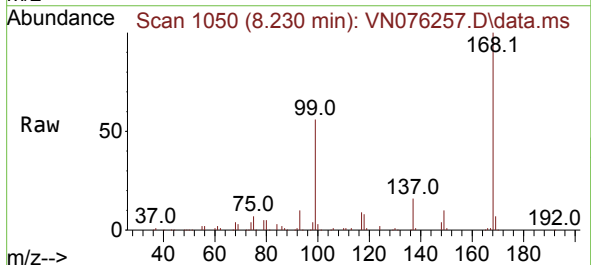
Instrument :
MSVOA_N
ClientSampleId :

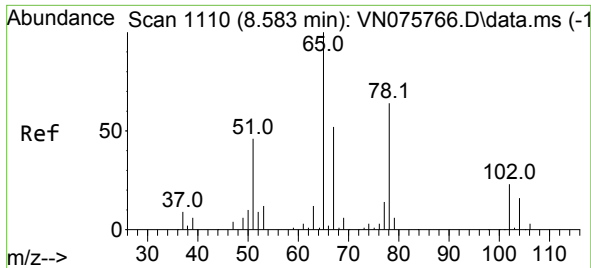
Tgt Ion: 77 Resp: 1248
Ion Ratio Lower Upper
77 100
97 0.0 12.7 38.0#



#31
Cyclohexane
Concen: 1.263 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN076257.D
Acq: 13 Jan 2023 18:39

Tgt Ion: 56 Resp: 7753
Ion Ratio Lower Upper
56 100
69 154.5 24.7 37.1#
84 151.1 76.5 114.7#





#33

1,2-Dichloroethane-d4

Concen: 47.408 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076257.D

Acq: 13 Jan 2023 18:39

Instrument :

MSVOA_N

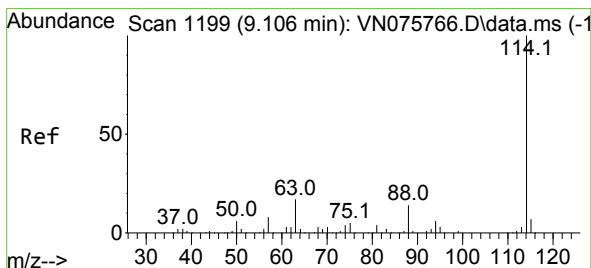
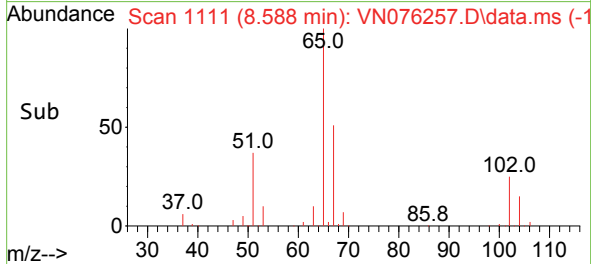
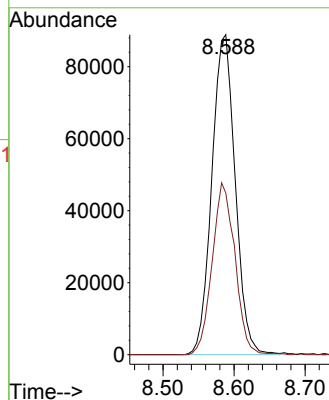
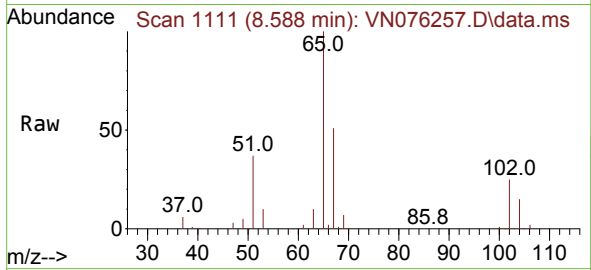
ClientSampleId :

Tgt Ion: 65 Resp: 203178

Ion Ratio Lower Upper

65 100

67 52.4 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076257.D

Acq: 13 Jan 2023 18:39

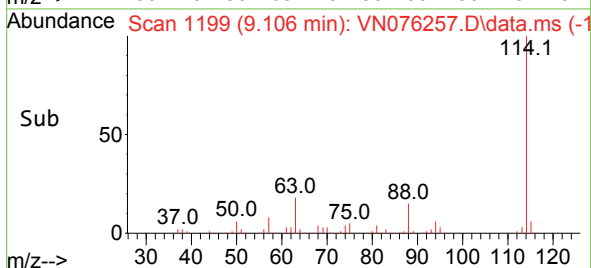
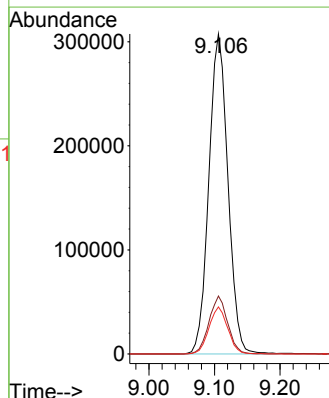
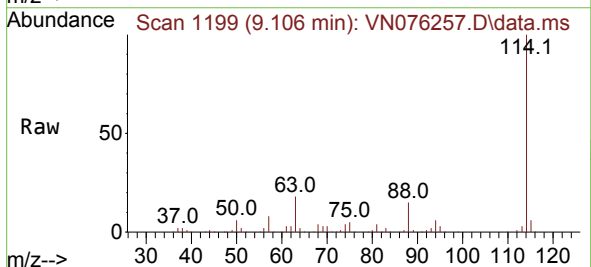
Tgt Ion:114 Resp: 621466

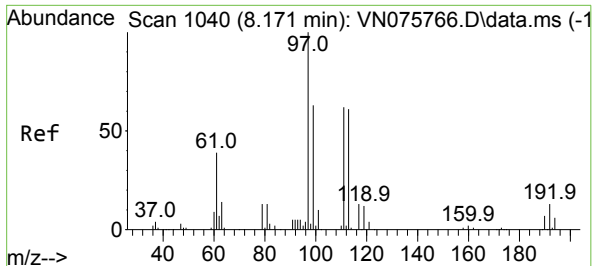
Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.4

88 14.7 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.321 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN076257.D

Acq: 13 Jan 2023 18:39

Instrument :

MSVOA_N

ClientSampleId :

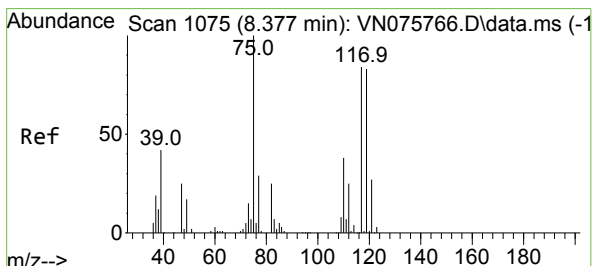
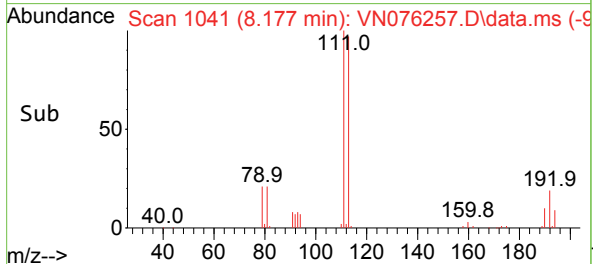
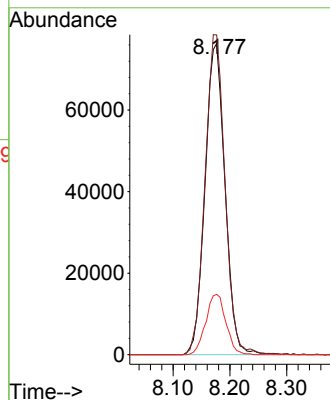
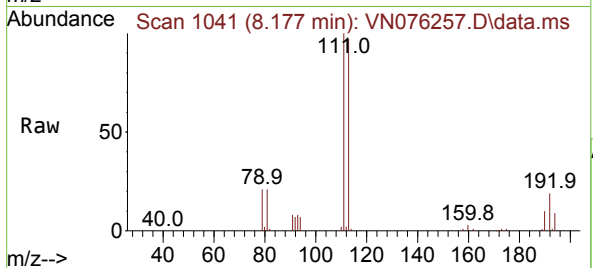
Tgt Ion:113 Resp: 185972

Ion Ratio Lower Upper

113 100

111 102.7 83.4 125.2

192 19.6 16.1 24.1



#36

1,1-Dichloropropene

Concen: 5.534 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN076257.D

Acq: 13 Jan 2023 18:39

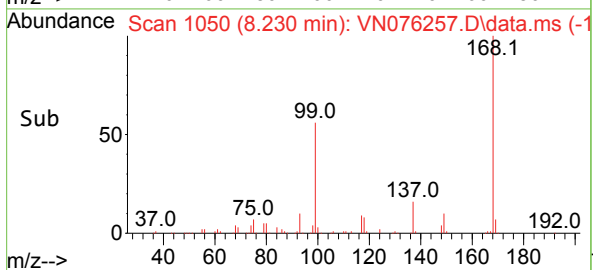
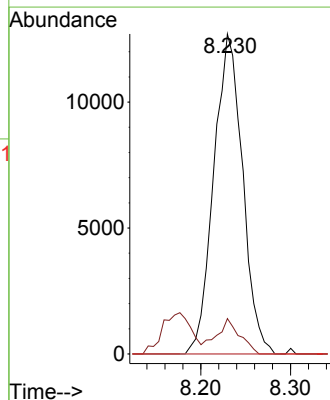
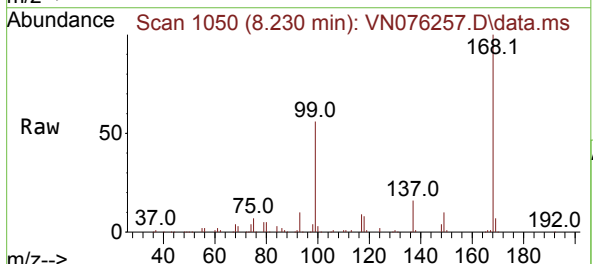
Tgt Ion: 75 Resp: 28295

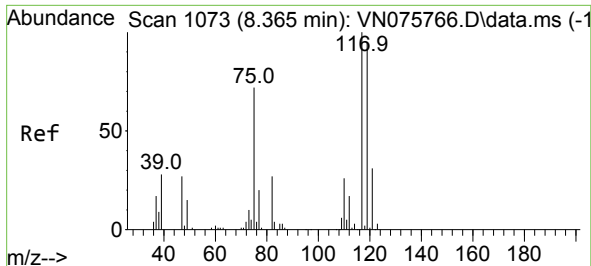
Ion Ratio Lower Upper

75 100

110 9.0 18.8 56.4#

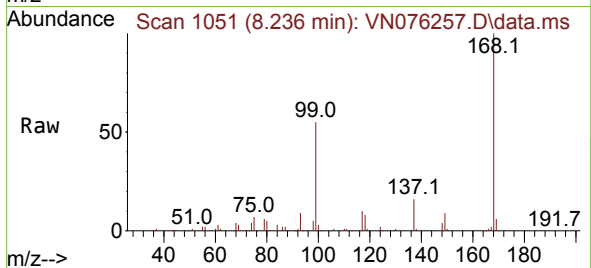
77 0.0 24.1 36.1#



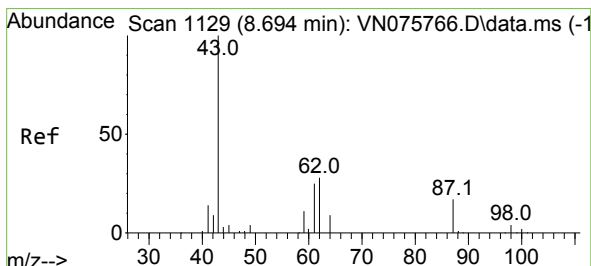
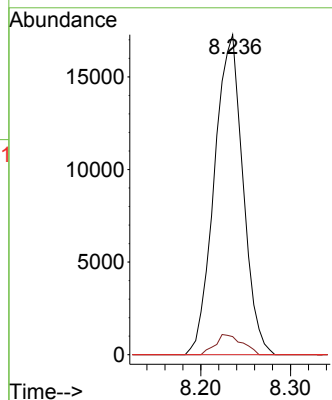
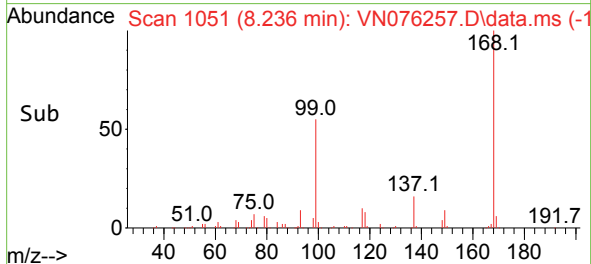


#38
Carbon Tetrachloride
Concen: 6.689 ug/l
RT: 8.236 min Scan# 1105
Delta R.T. -0.129 min
Lab File: VN076257.D
Acq: 13 Jan 2023 18:39

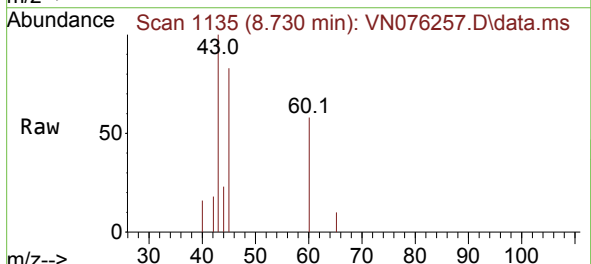
Instrument :
MSVOA_N
ClientSampleId :



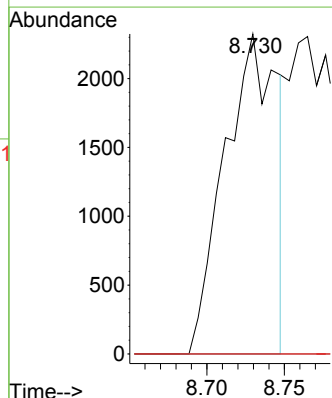
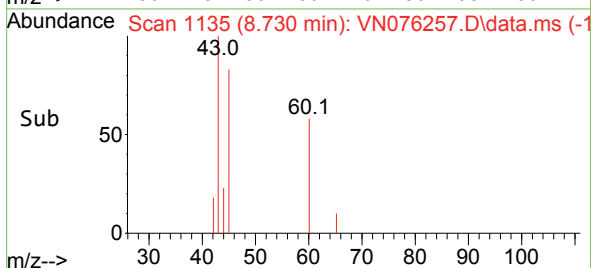
Tgt Ion:117 Resp: 38274
Ion Ratio Lower Upper
117 100
119 5.6 76.1 114.1#
121 0.0 24.5 36.7#

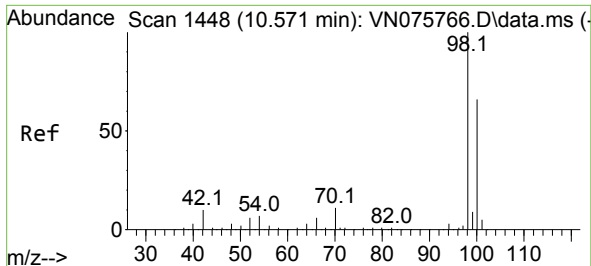


#43
Isopropyl Acetate
Concen: 0.805 ug/l
RT: 8.730 min Scan# 1135
Delta R.T. 0.035 min
Lab File: VN076257.D
Acq: 13 Jan 2023 18:39



Tgt Ion: 43 Resp: 5452
Ion Ratio Lower Upper
43 100
61 0.0 24.2 36.4#
87 0.0 13.3 19.9#

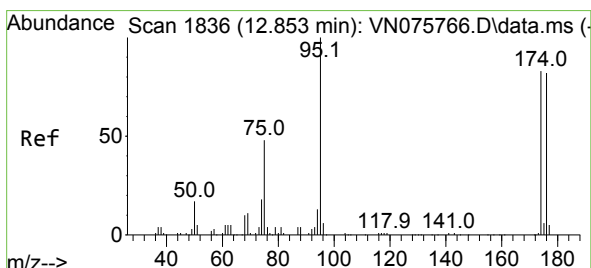
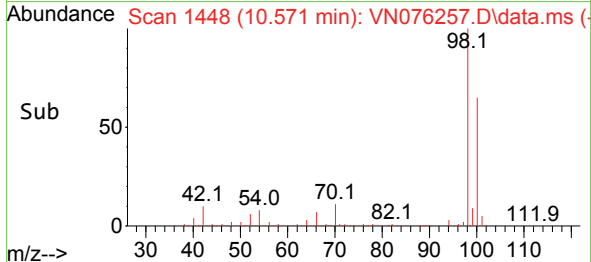
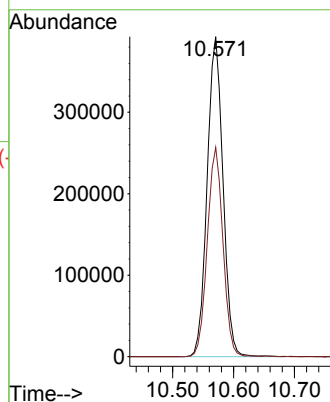
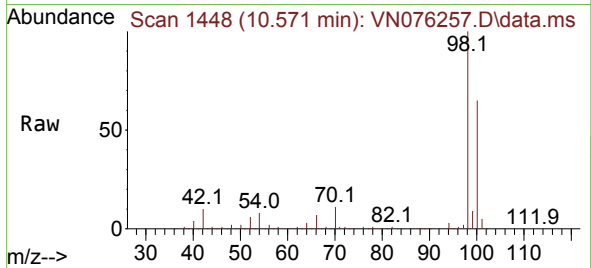




#50
Toluene-d8
Concen: 49.360 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076257.D
Acq: 13 Jan 2023 18:39

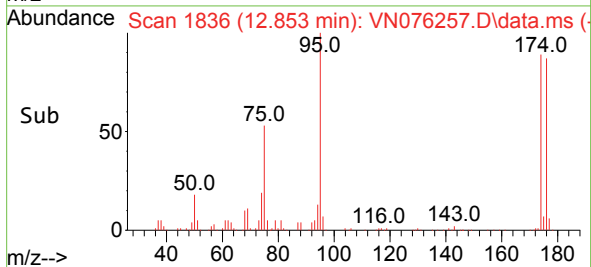
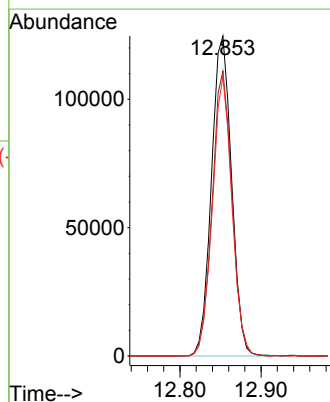
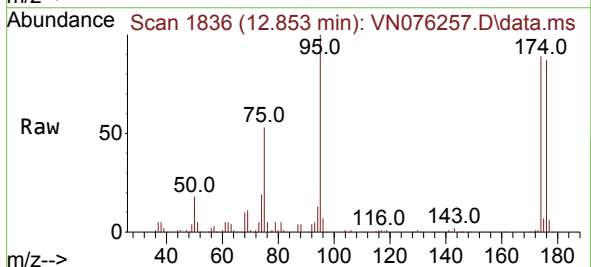
Instrument :
MSVOA_N
ClientSampleId :

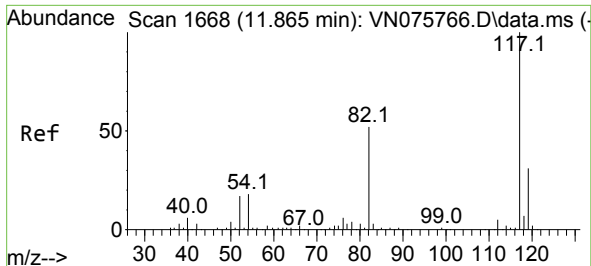
Tgt Ion: 98 Resp: 710281
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.003 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076257.D
Acq: 13 Jan 2023 18:39

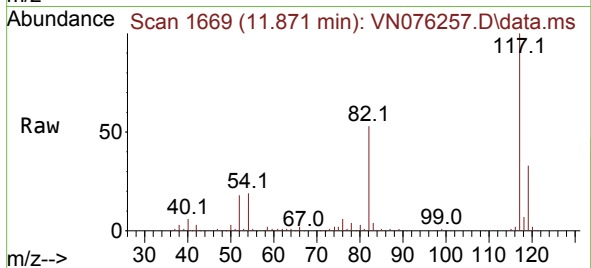
Tgt Ion: 95 Resp: 214484
Ion Ratio Lower Upper
95 100
174 88.0 0.0 171.6
176 84.6 0.0 169.2



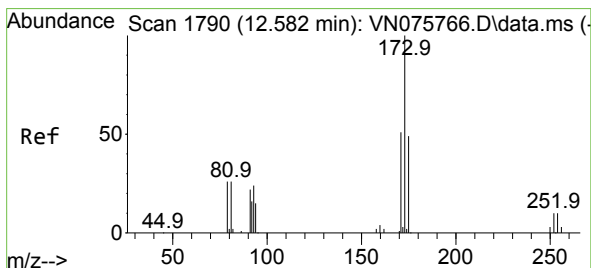
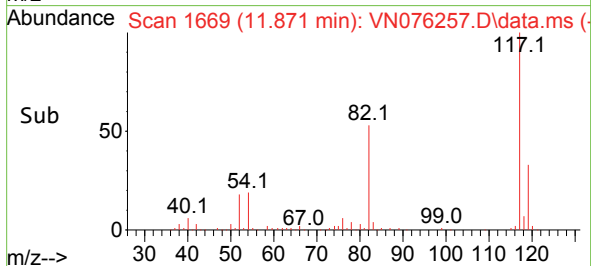
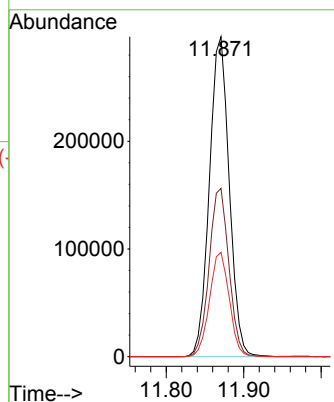


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN076257.D
Acq: 13 Jan 2023 18:39

Instrument :
MSVOA_N
ClientSampleId :

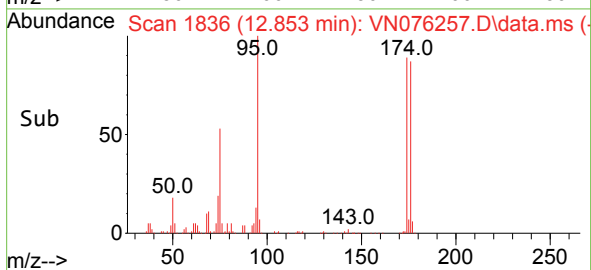
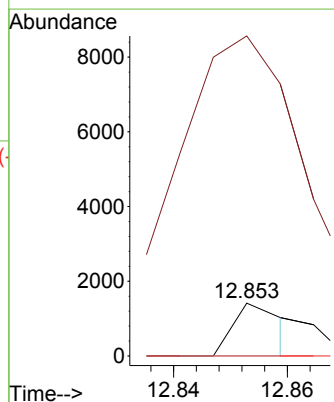
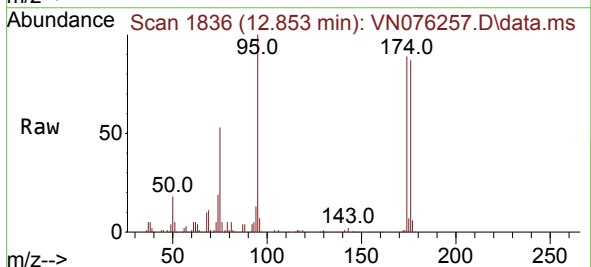


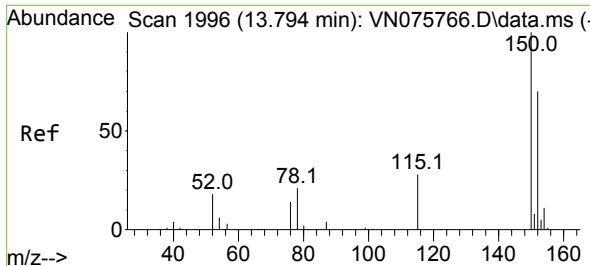
Tgt Ion:117 Resp: 528086
Ion Ratio Lower Upper
117 100
82 52.6 41.3 61.9
119 32.6 24.6 37.0



#71
Bromoform
Concen: 0.295 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN076257.D
Acq: 13 Jan 2023 18:39

Tgt Ion:173 Resp: 861
Ion Ratio Lower Upper
173 100
175 1366.2 24.3 72.8#
254 0.0 0.0 0.0

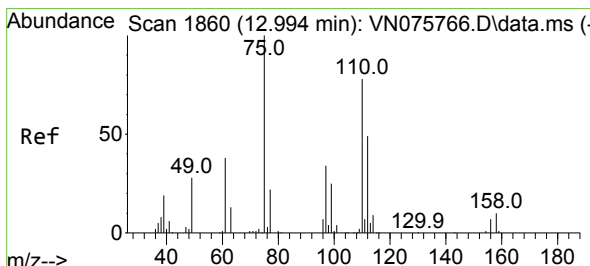
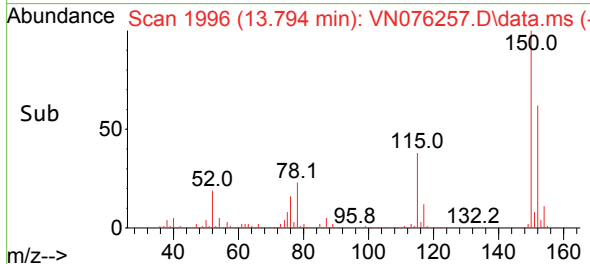
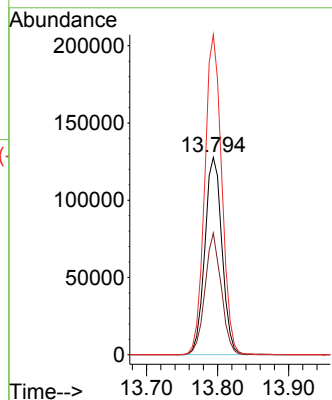
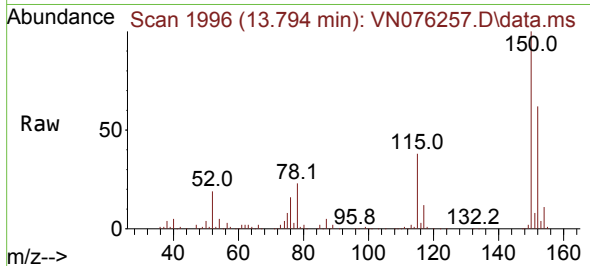




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN076257.D
 Acq: 13 Jan 2023 18:39

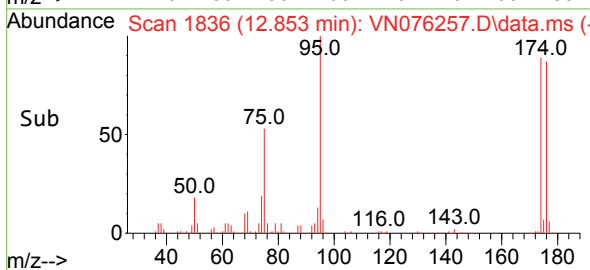
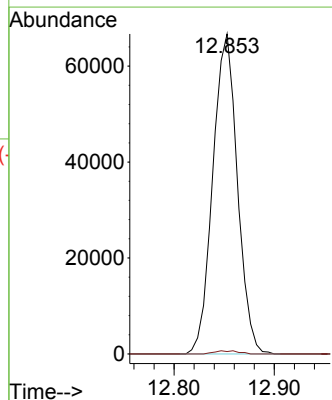
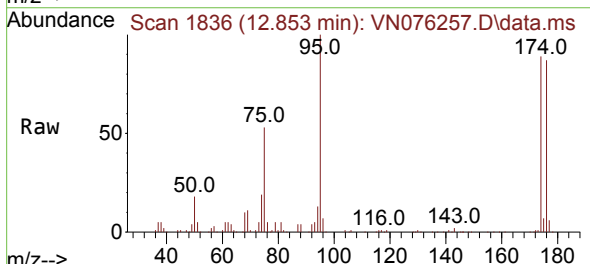
Instrument :
 MSVOA_N
 ClientSampleId :

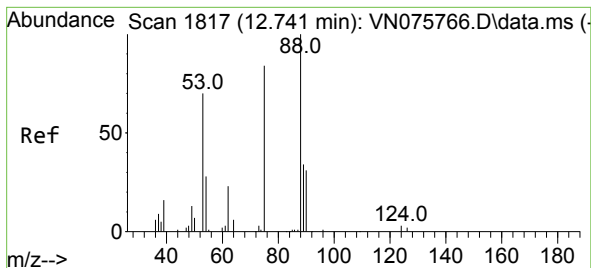
Tgt Ion:152 Resp: 214786
 Ion Ratio Lower Upper
 152 100
 115 58.5 29.1 87.4
 150 160.7 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 26.264 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN076257.D
 Acq: 13 Jan 2023 18:39

Tgt Ion: 75 Resp: 113713
 Ion Ratio Lower Upper
 75 100
 77 1.0 82.6 247.8#

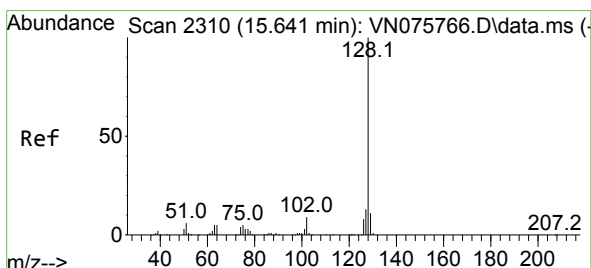
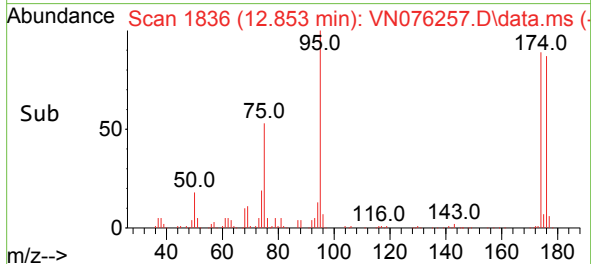
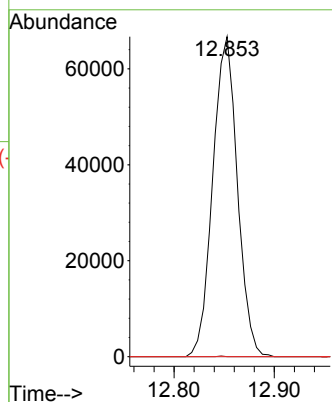
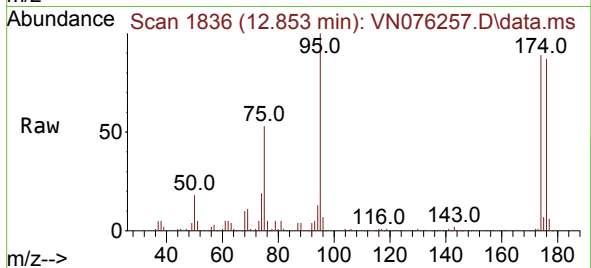




#81
trans-1,4-Dichloro-2-butene
Concen: 94.538 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN076257.D
Acq: 13 Jan 2023 18:39

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 113713
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 2.291 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076257.D
Acq: 13 Jan 2023 18:39

Tgt Ion:128 Resp: 1387
Ion Ratio Lower Upper
128 100
127 4.0 10.4 15.6#
129 0.0 8.7 13.1#

