

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012023\
 Data File : VN076339.D
 Acq On : 20 Jan 2023 11:25
 Operator : JC\MD
 Sample : VN0120WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120WBL01

Quant Time: Jan 20 22:12:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

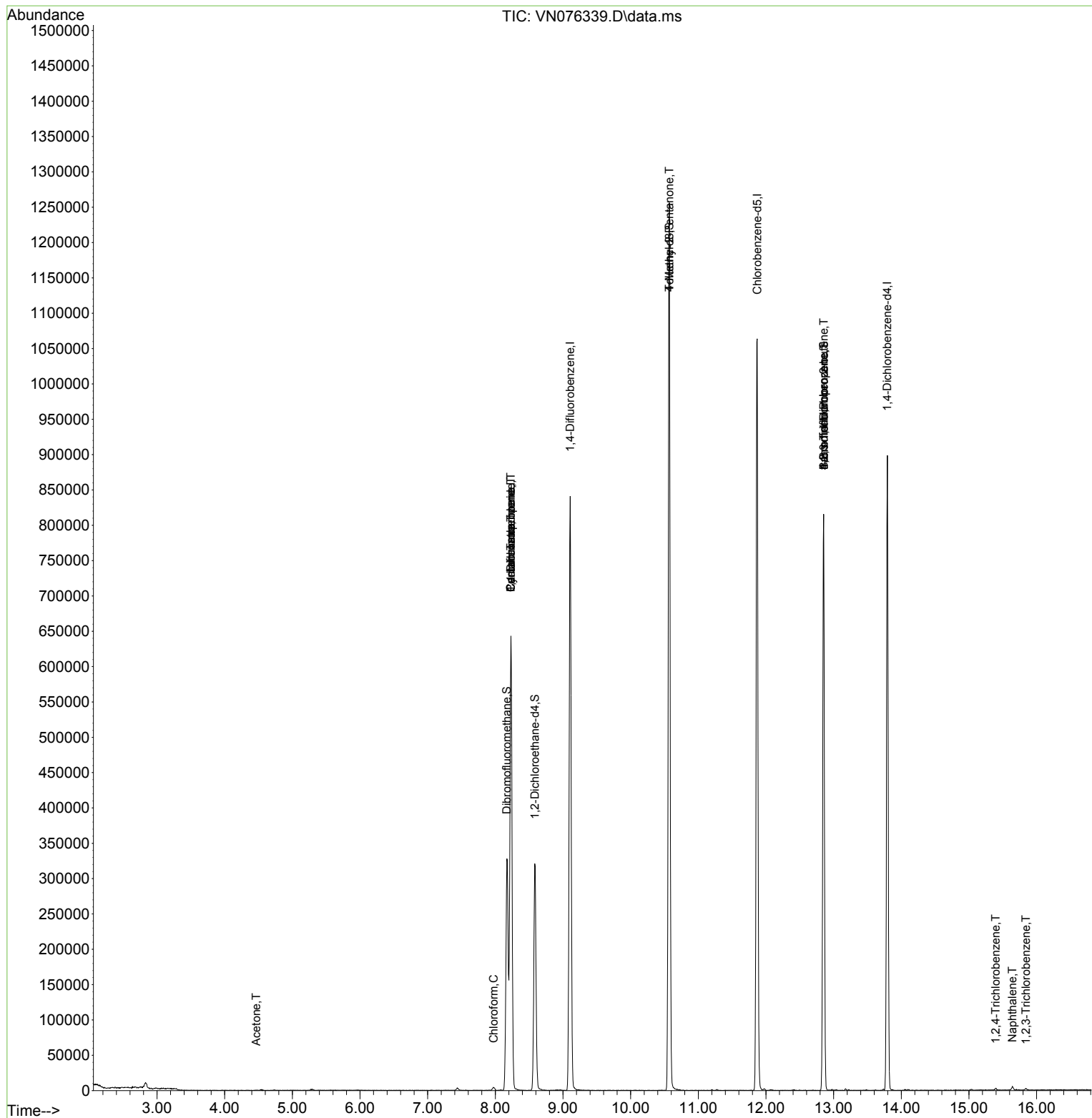
Internal Standards						
1) Pentafluorobenzene	8.230	168	490775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	773684	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	657515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	251353	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	261220	47.537	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.080%		
35) Dibromofluoromethane	8.171	113	235603	48.681	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.360%		
50) Toluene-d8	10.571	98	888086	49.687	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.380%		
62) 4-Bromofluorobenzene	12.853	95	265409	45.486	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.980%		
Target Compounds					Qvalue	
16) Acetone	4.465	43	657	0.300	ug/l #	41
20) Methylene Chloride	5.289	84	1268	Below Cal	#	73
30) Chloroform	7.977	83	4661	0.489	ug/l	90
31) Cyclohexane	8.230	56	9962	1.180	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	35613	5.178	ug/l #	49
38) Carbon Tetrachloride	8.230	117	49303	6.429	ug/l #	16
51) 4-Methyl-2-Pentanone	10.571	43	3360	0.638	ug/l #	1
71) Bromoform	12.853	173	2052	0.549	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	138278	29.816	ug/l #	1
77) Bromobenzene	12.976	156	215	Below Cal		69
81) trans-1,4-Dichloro-2-b...	12.853	75	138278	91.533	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.394	180	1210	1.572	ug/l #	71
95) Naphthalene	15.641	128	5652	2.256	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	1318	1.460	ug/l #	68

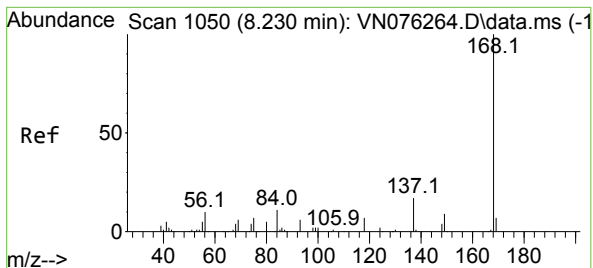
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012023\
Data File : VN076339.D
Acq On : 20 Jan 2023 11:25
Operator : JC\MD
Sample : VN0120WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBL01

Quant Time: Jan 20 22:12:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 03:59:22 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076339.D

Acq: 20 Jan 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

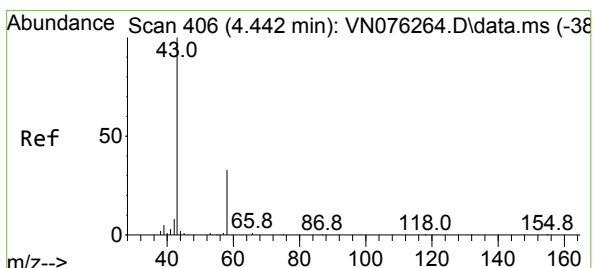
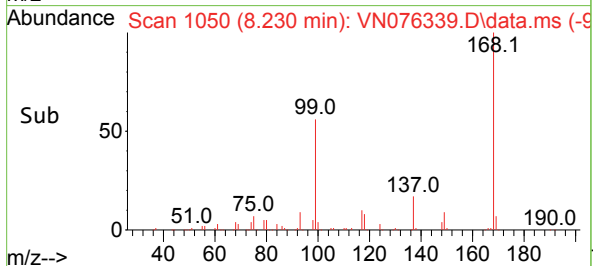
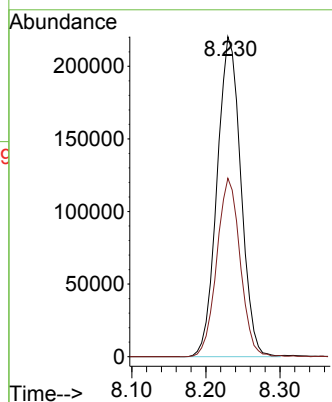
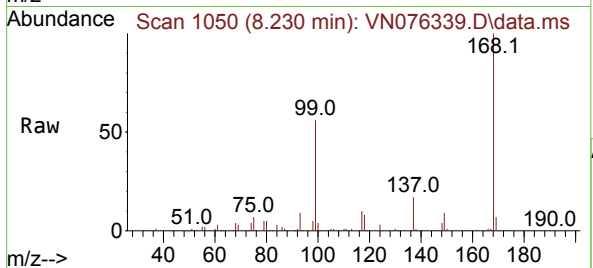
VN0120WBL01

Tgt Ion:168 Resp: 490775

Ion Ratio Lower Upper

168 100

99 55.8 41.6 62.4



#16

Acetone

Concen: 0.300 ug/l

RT: 4.465 min Scan# 410

Delta R.T. 0.023 min

Lab File: VN076339.D

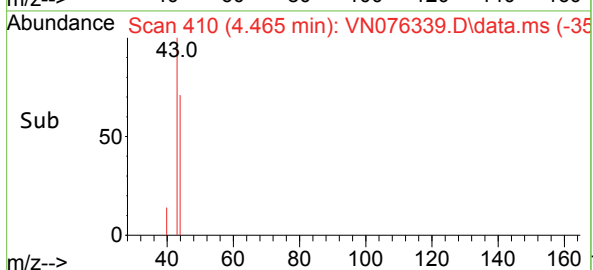
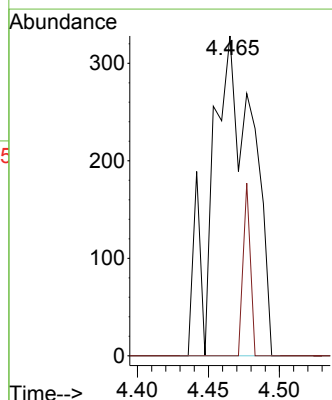
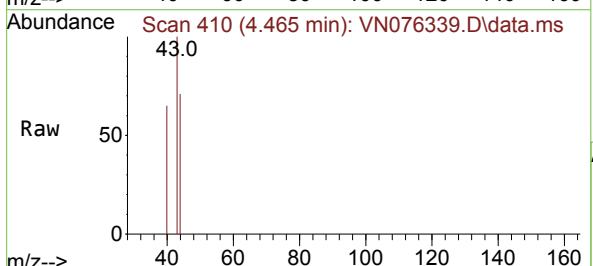
Acq: 20 Jan 2023 11:25

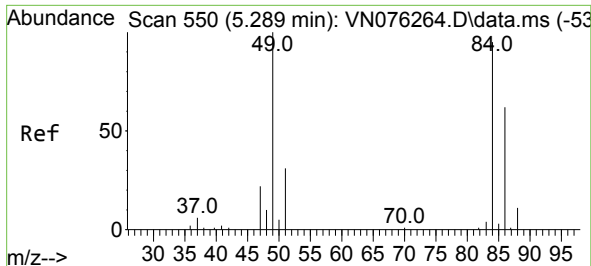
Tgt Ion: 43 Resp: 657

Ion Ratio Lower Upper

43 100

58 0.0 26.7 40.1#

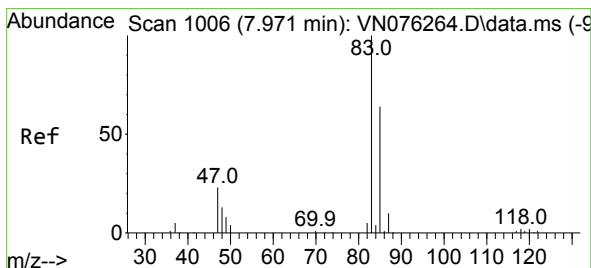
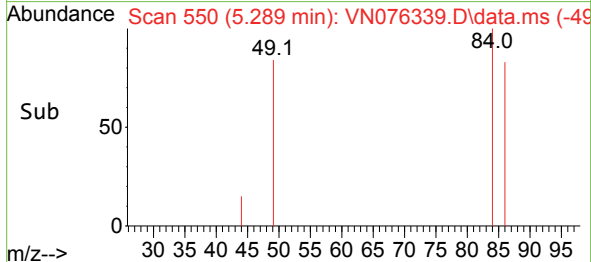
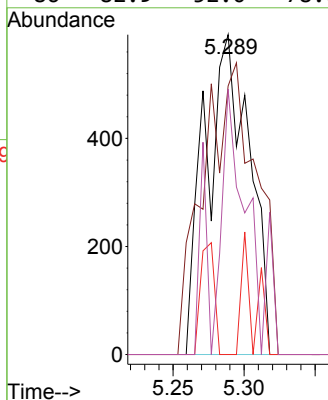
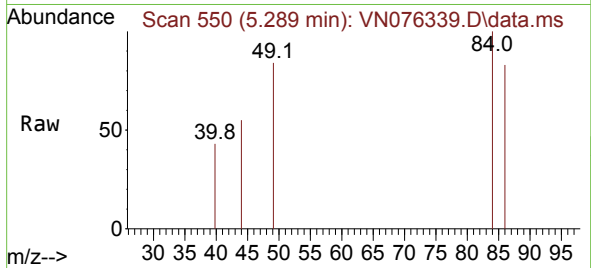




#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN076339.D
Acq: 20 Jan 2023 11:25

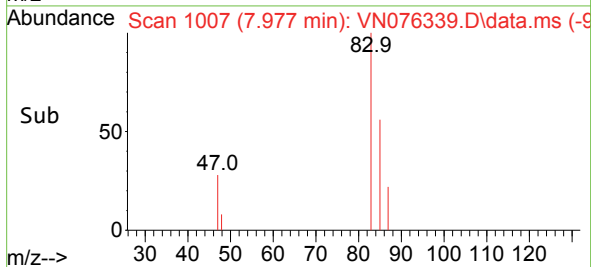
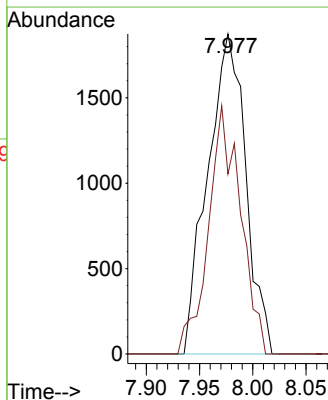
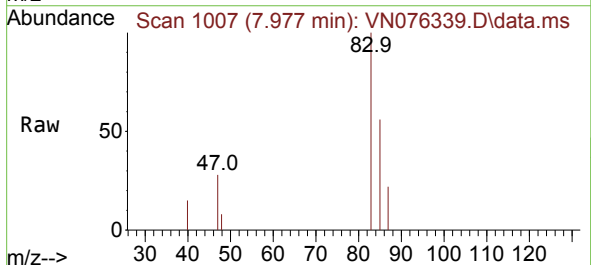
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBL01

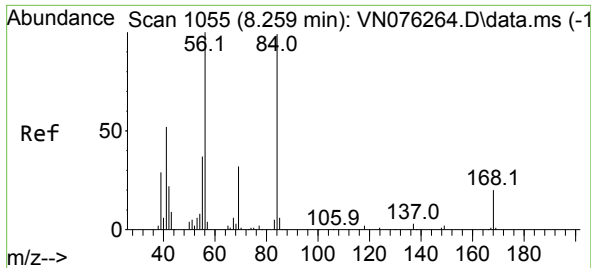
Tgt Ion:	84	Resp:	1268
Ion	Ratio	Lower	Upper
84	100		
49	84.0	84.5	126.7#
51	0.0	26.0	39.0#
86	82.9	52.0	78.0#



#30
Chloroform
Concen: 0.489 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. 0.006 min
Lab File: VN076339.D
Acq: 20 Jan 2023 11:25

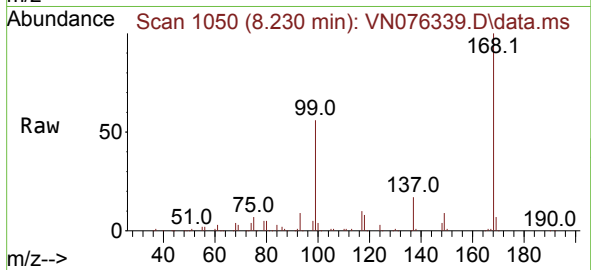
Tgt Ion:	83	Resp:	4661
Ion	Ratio	Lower	Upper
83	100		
85	56.2	51.0	76.6



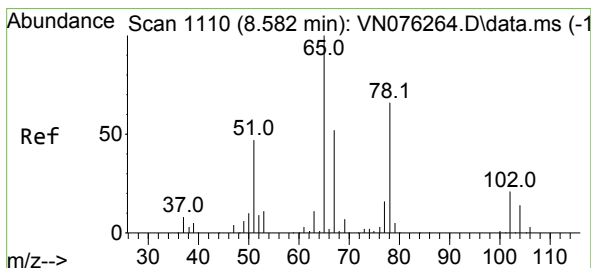
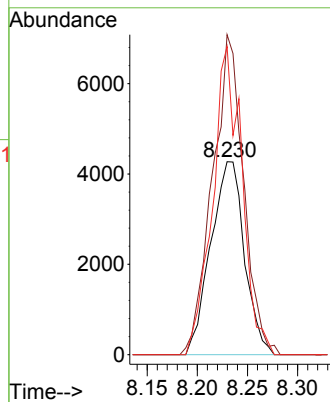
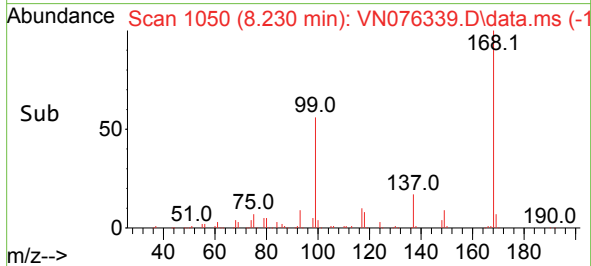


#31
Cyclohexane
Concen: 1.180 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.029 min
Lab File: VN076339.D
Acq: 20 Jan 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :
VN0120WBL01

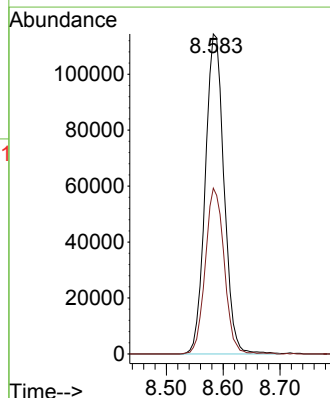
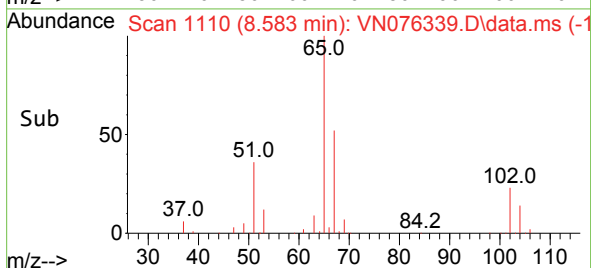
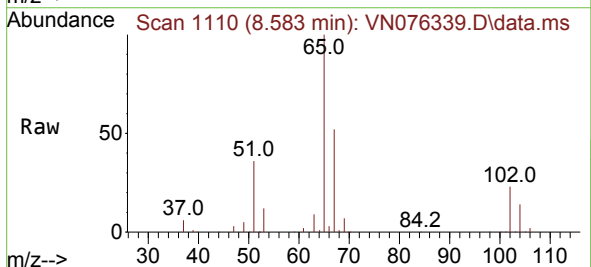


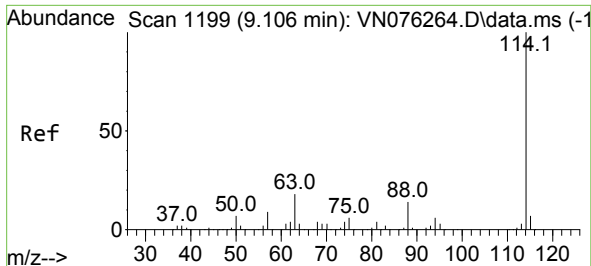
Tgt Ion: 56 Resp: 9962
Ion Ratio Lower Upper
56 100
69 165.9 25.8 38.8#
84 159.8 79.0 118.4#



#33
1,2-Dichloroethane-d4
Concen: 47.537 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.001 min
Lab File: VN076339.D
Acq: 20 Jan 2023 11:25

Tgt Ion: 65 Resp: 261220
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076339.D

Acq: 20 Jan 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBL01

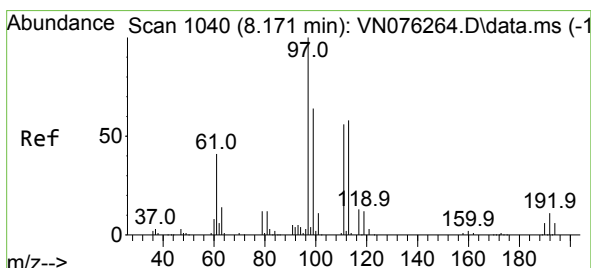
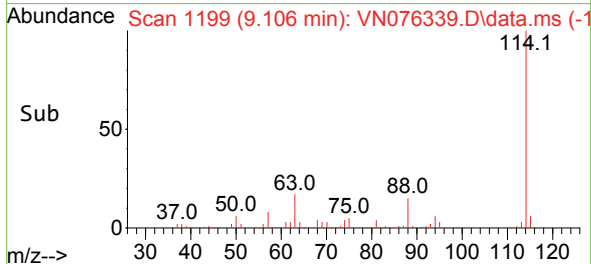
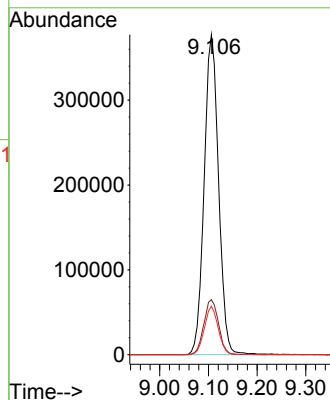
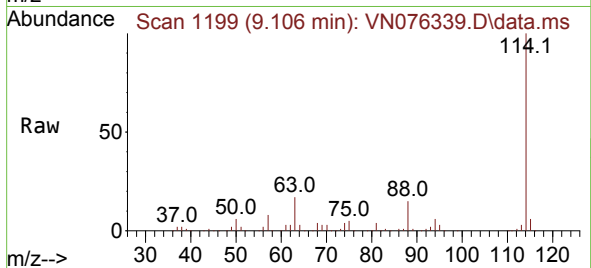
Tgt Ion:114 Resp: 773684

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.8

88 15.1 0.0 28.0



#35

Dibromofluoromethane

Concen: 48.681 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076339.D

Acq: 20 Jan 2023 11:25

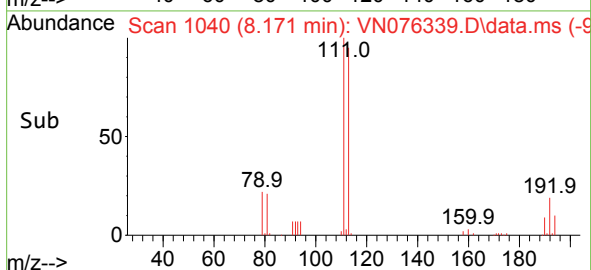
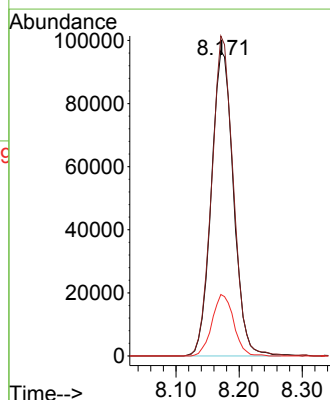
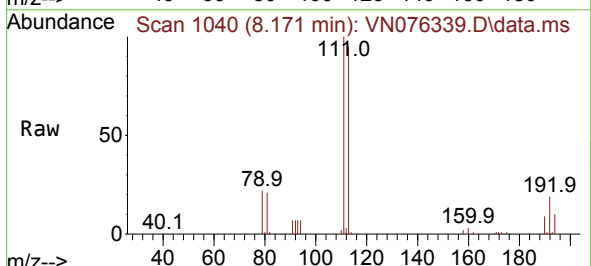
Tgt Ion:113 Resp: 235603

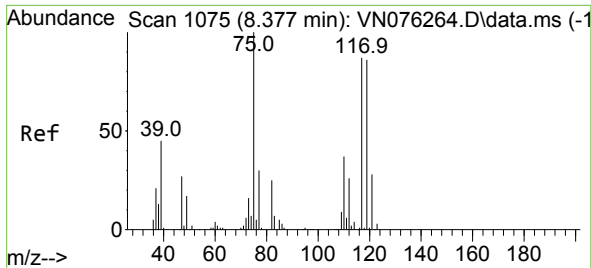
Ion Ratio Lower Upper

113 100

111 102.6 82.7 124.1

192 19.7 15.6 23.4

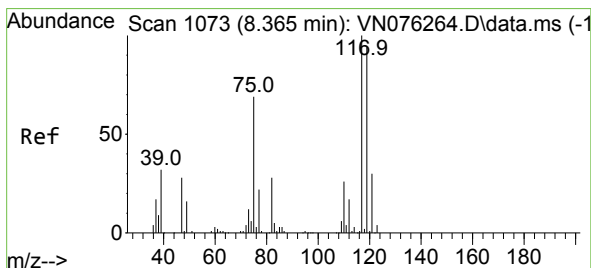
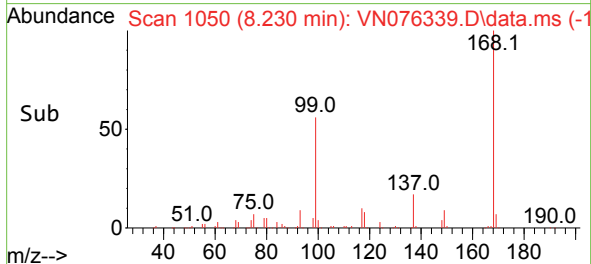
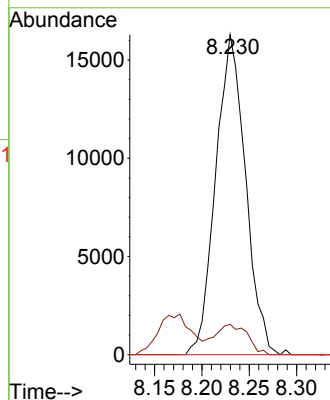
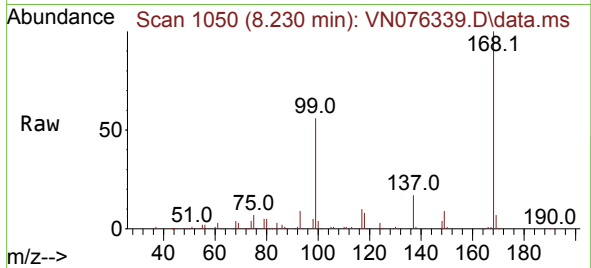




#36
1,1-Dichloropropene
Concen: 5.178 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN076339.D
Acq: 20 Jan 2023 11:25

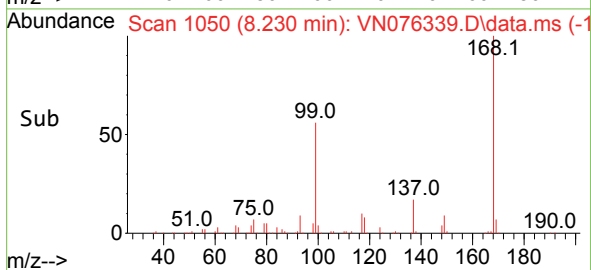
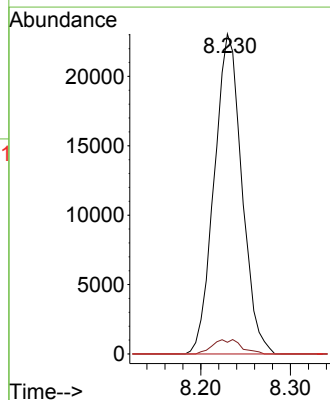
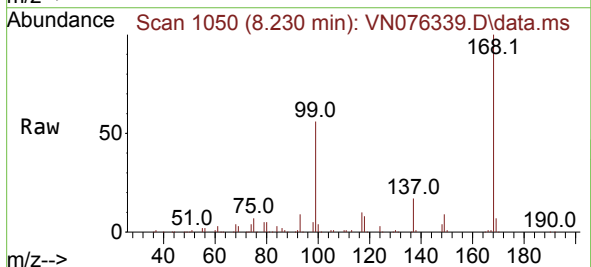
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBL01

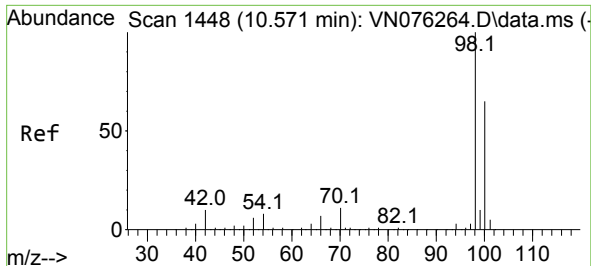
Tgt Ion: 75 Resp: 35613
Ion Ratio Lower Upper
75 100
110 9.8 18.8 56.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.429 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN076339.D
Acq: 20 Jan 2023 11:25

Tgt Ion: 117 Resp: 49303
Ion Ratio Lower Upper
117 100
119 3.6 75.4 113.0#
121 0.0 24.2 36.2#

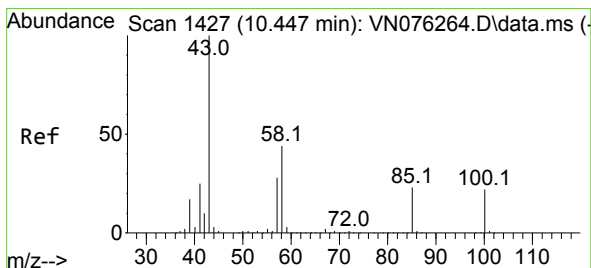
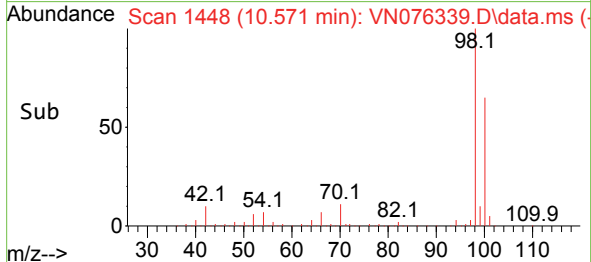
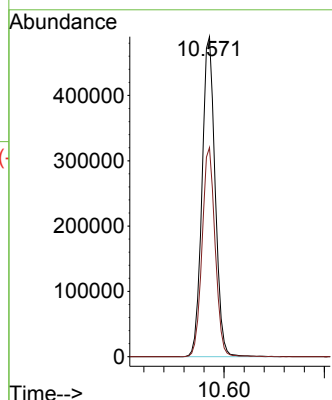
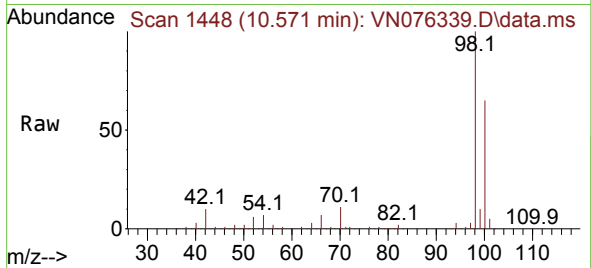




#50
Toluene-d8
Concen: 49.687 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076339.D
Acq: 20 Jan 2023 11:25

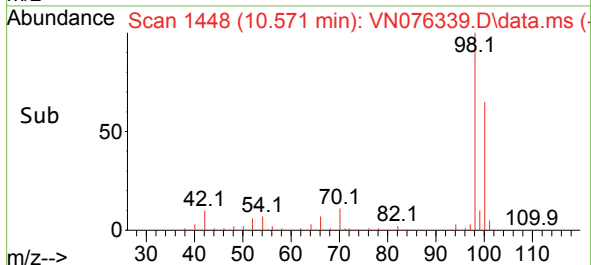
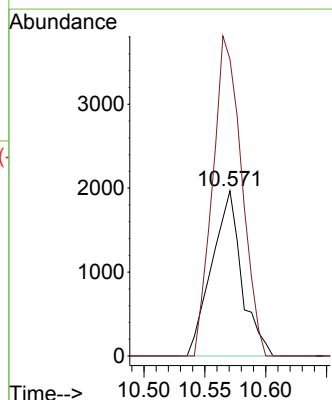
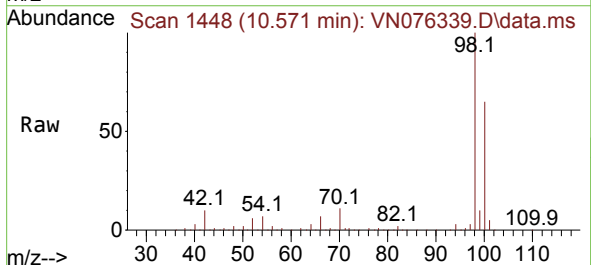
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBL01

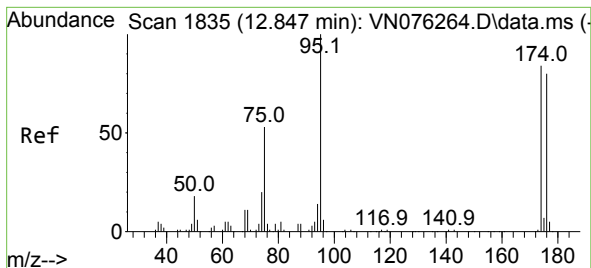
Tgt Ion: 98 Resp: 888086
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.638 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.124 min
Lab File: VN076339.D
Acq: 20 Jan 2023 11:25

Tgt Ion: 43 Resp: 3360
Ion Ratio Lower Upper
43 100
58 188.0 35.1 52.7#

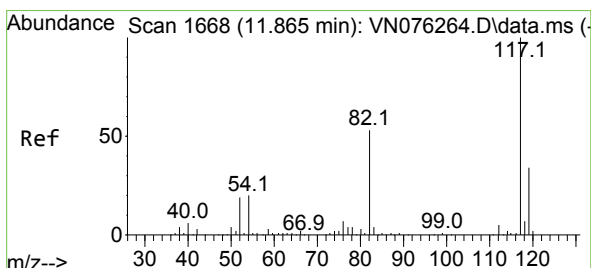
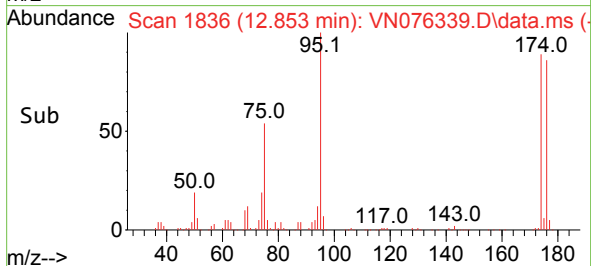
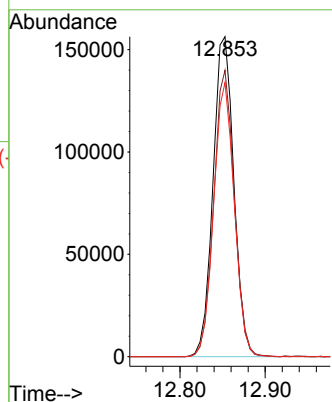
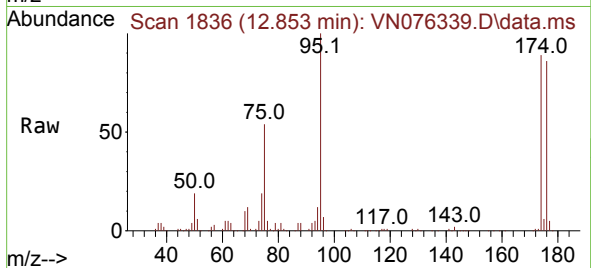




#62
4-Bromofluorobenzene
Concen: 45.486 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076339.D
Acq: 20 Jan 2023 11:25

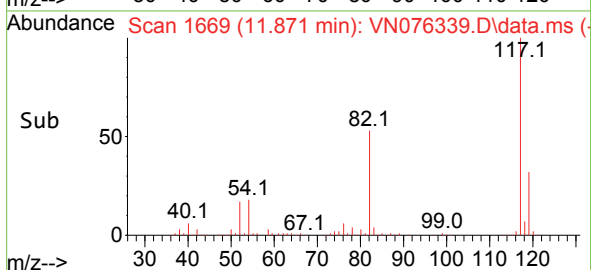
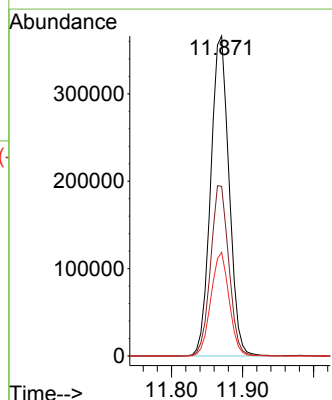
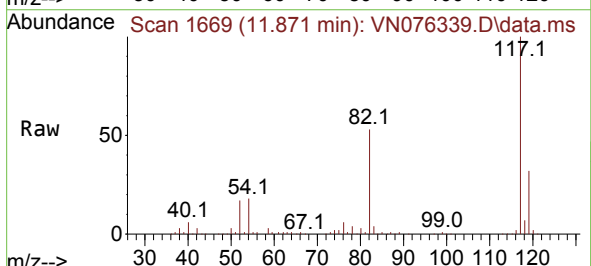
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBL01

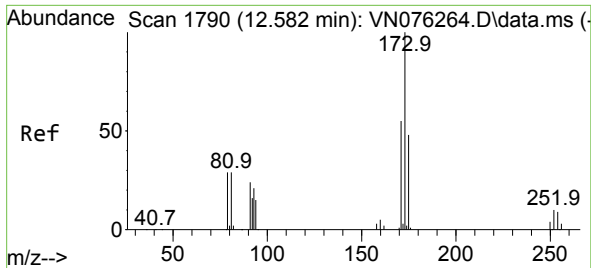
Tgt Ion: 95 Resp: 265409
Ion Ratio Lower Upper
95 100
174 88.5 0.0 174.6
176 84.7 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076339.D
Acq: 20 Jan 2023 11:25

Tgt Ion: 117 Resp: 657515
Ion Ratio Lower Upper
117 100
82 53.0 42.2 63.2
119 32.4 26.9 40.3

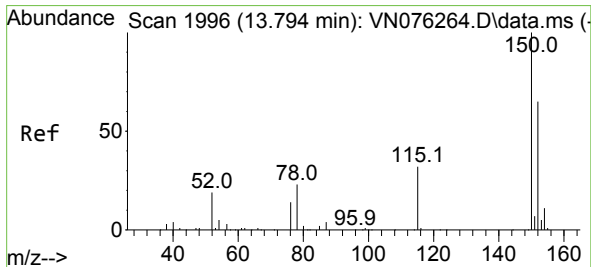
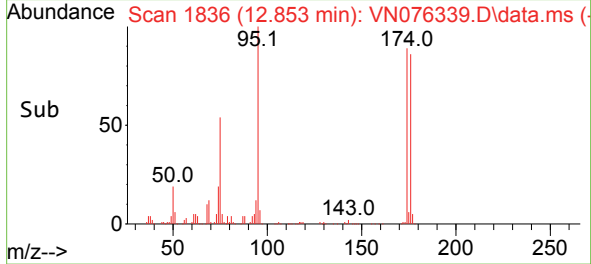
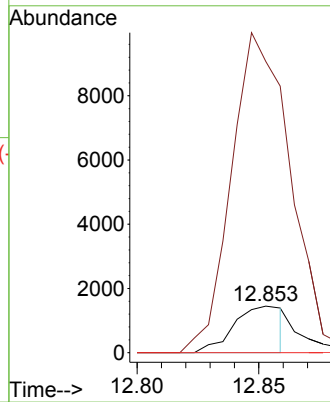
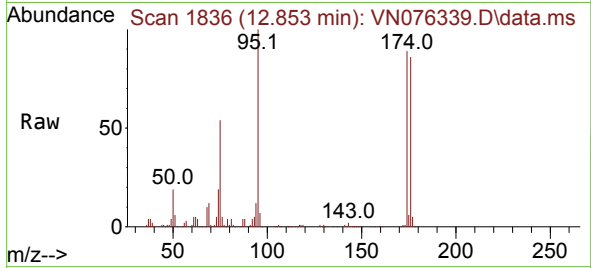




#71
Bromoform
Concen: 0.549 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN076339.D
Acq: 20 Jan 2023 11:25

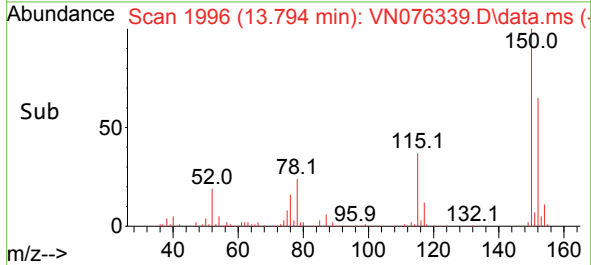
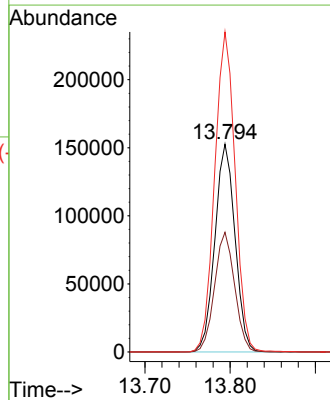
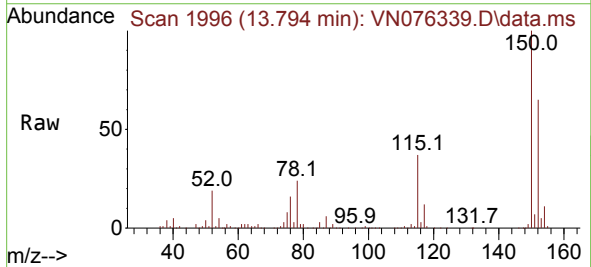
Instrument :
MSVOA_N
ClientSampleId :
VN0120WBL01

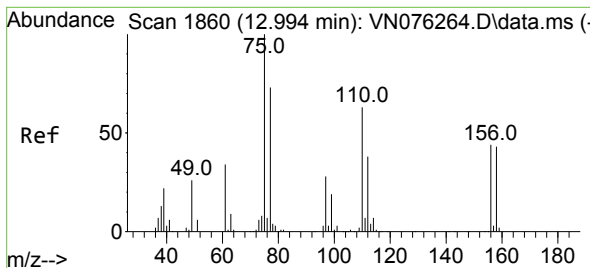
Tgt Ion:173 Resp: 2052
Ion Ratio Lower Upper
173 100
175 675.0 24.1 72.4#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076339.D
Acq: 20 Jan 2023 11:25

Tgt Ion:152 Resp: 251353
Ion Ratio Lower Upper
152 100
115 57.4 29.6 88.9
150 156.2 0.0 351.4





#76

1,2,3-Trichloropropane

Concen: 29.816 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN076339.D

Acq: 20 Jan 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

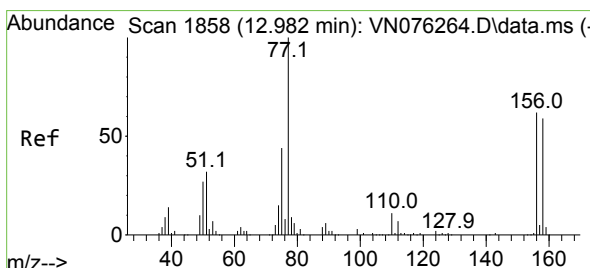
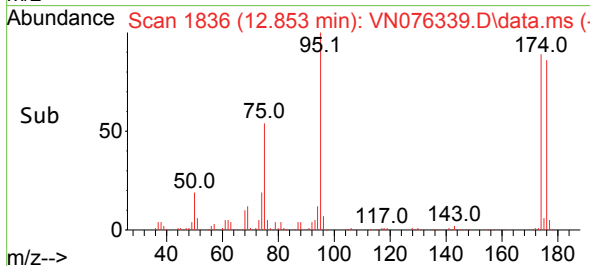
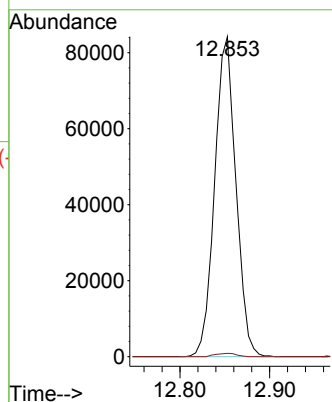
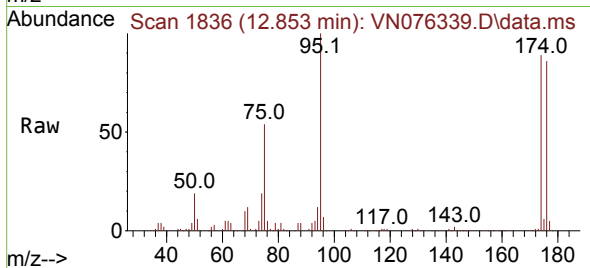
VN0120WBL01

Tgt Ion: 75 Resp: 138278

Ion Ratio Lower Upper

75 100

77 1.1 75.2 225.6#



#77

Bromobenzene

Concen: Below Cal

RT: 12.976 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VN076339.D

Acq: 20 Jan 2023 11:25

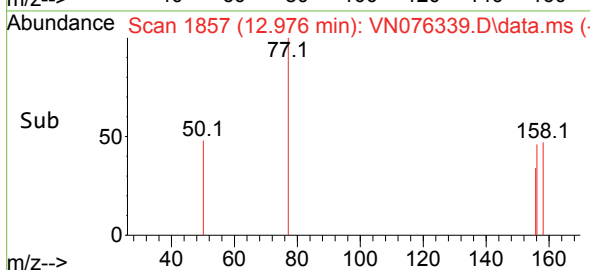
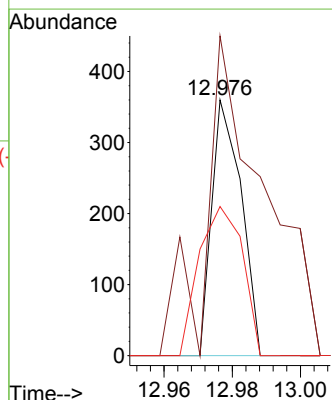
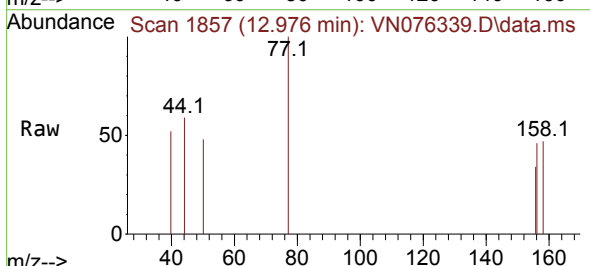
Tgt Ion:156 Resp: 215

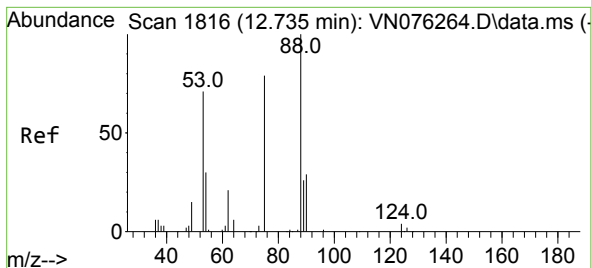
Ion Ratio Lower Upper

156 100

77 247.9 93.4 280.2

158 86.5 48.4 145.2

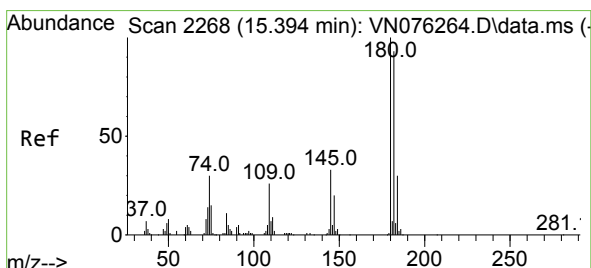
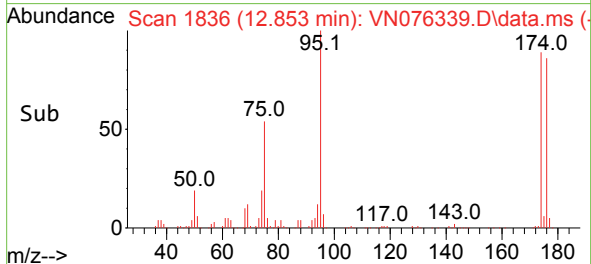
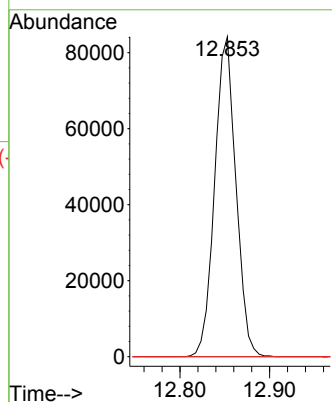
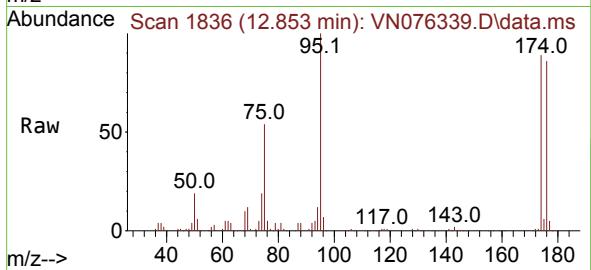




#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.533 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. 0.118 min
 Lab File: VN076339.D
 Acq: 20 Jan 2023 11:25

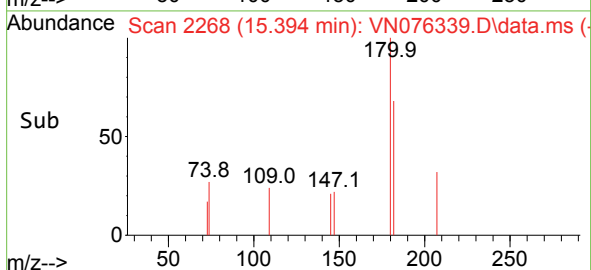
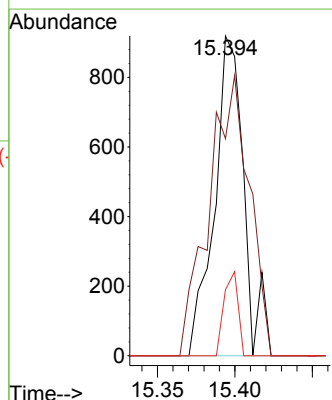
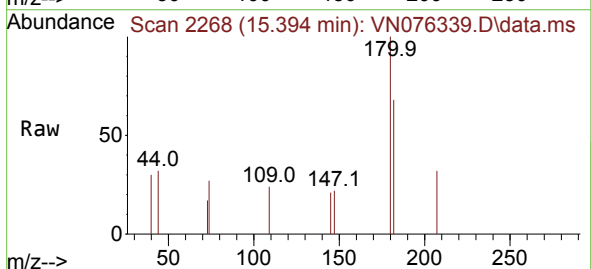
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120WBL01

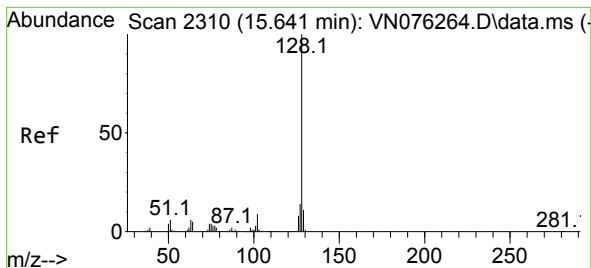
Tgt Ion: 75 Resp: 138278
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.8 113.8#
 89 0.0 37.0 55.6#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.572 ug/l
 RT: 15.394 min Scan# 2268
 Delta R.T. -0.000 min
 Lab File: VN076339.D
 Acq: 20 Jan 2023 11:25

Tgt Ion:180 Resp: 1210
 Ion Ratio Lower Upper
 180 100
 182 120.7 47.0 141.2
 145 12.6 15.2 45.5#





#95

Naphthalene

Concen: 2.256 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN076339.D

Acq: 20 Jan 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

VN0120WBL01

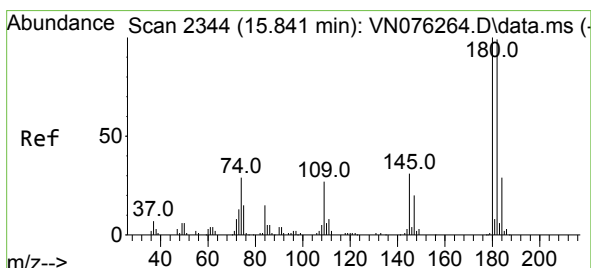
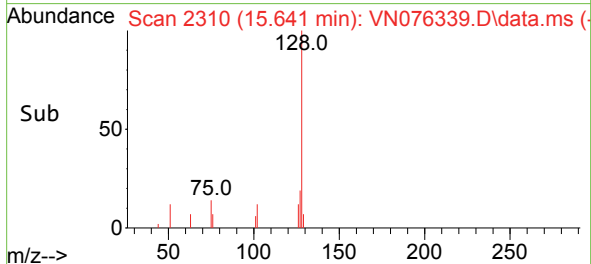
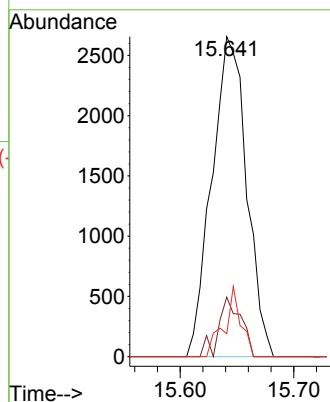
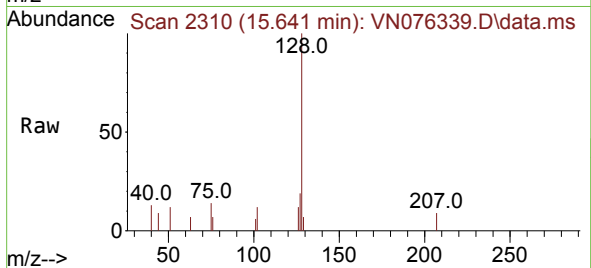
Tgt Ion:128 Resp: 5652

Ion Ratio Lower Upper

128 100

127 12.0 10.3 15.5

129 10.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 1.460 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN076339.D

Acq: 20 Jan 2023 11:25

Tgt Ion:180 Resp: 1318

Ion Ratio Lower Upper

180 100

182 66.8 47.5 142.5

145 8.6 15.9 47.6#

