

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012623\
 Data File : VN076412.D
 Acq On : 26 Jan 2023 11:51
 Operator : JC\MD
 Sample : VN0126WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0126WBL01

Quant Time: Jan 27 00:31:21 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)

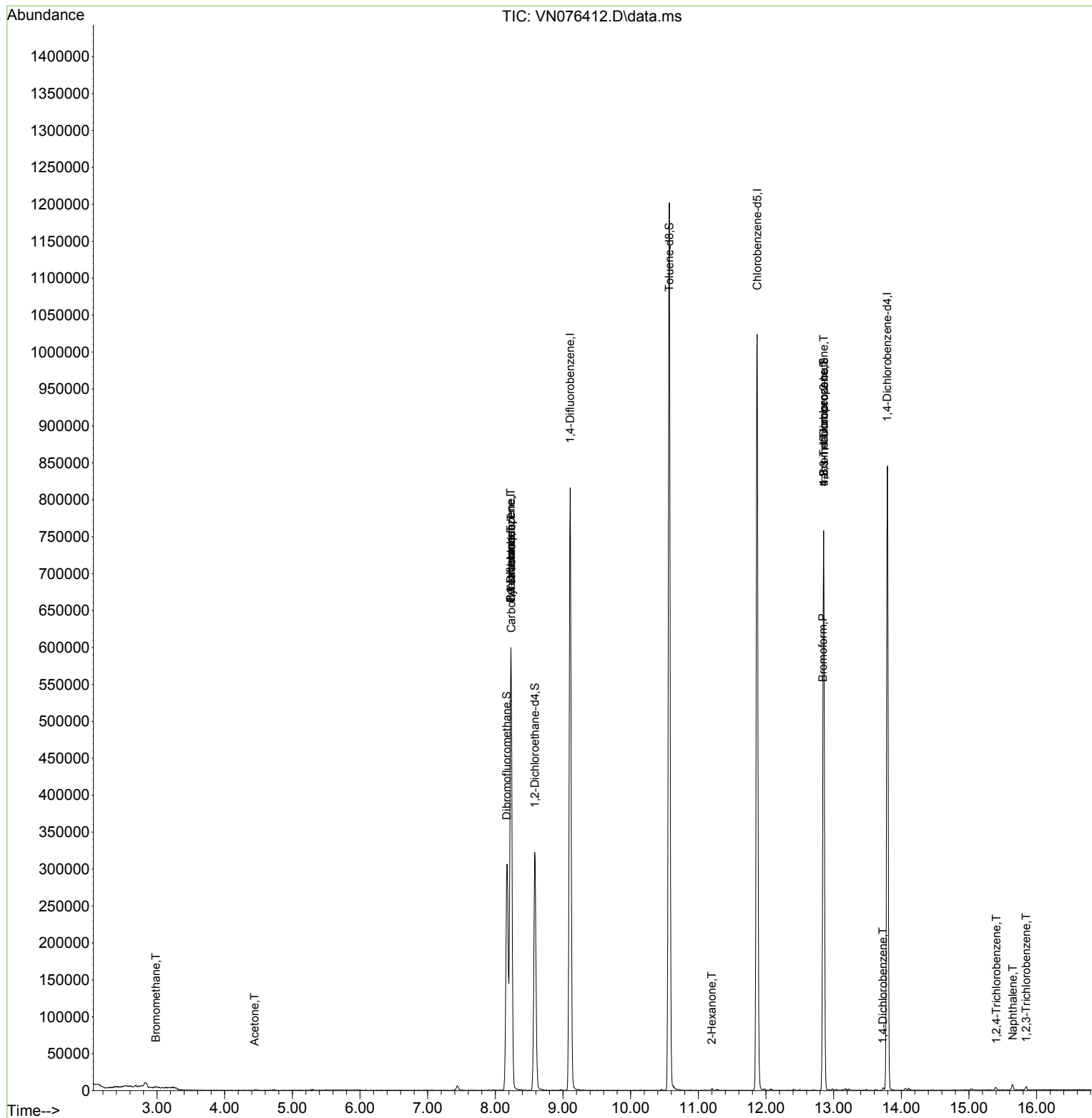
Internal Standards						
1) Pentafluorobenzene	8.230	168	447493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	722113	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	614174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	229336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	266541	53.196	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.400%			
35) Dibromofluoromethane	8.171	113	224122	49.616	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.240%			
50) Toluene-d8	10.571	98	837248	50.188	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.380%			
62) 4-Bromofluorobenzene	12.853	95	252655	46.393	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.780%			
Target Compounds					Qvalue	
5) Bromomethane	2.983	94	1386	0.291	ug/l #	69
16) Acetone	4.442	43	977	0.535	ug/l #	41
20) Methylene Chloride	5.306	84	457	Below Cal	#	75
31) Cyclohexane	8.230	56	9591	1.246	ug/l #	29
36) 1,1-Dichloropropene	8.230	75	33435	5.209	ug/l #	48
38) Carbon Tetrachloride	8.236	117	44634	6.236	ug/l #	17
59) 2-Hexanone	11.200	43	1505	0.422	ug/l	85
71) Bromoform	12.841	173	1564	0.448	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	135459	32.083	ug/l #	1
77) Bromobenzene	12.982	156	657	Below Cal		66
81) trans-1,4-Dichloro-2-b...	12.853	75	135459	98.275	ug/l #	11
88) 1,4-Dichlorobenzene	13.729	146	1252	0.258	ug/l	83
93) 1,2,4-Trichlorobenzene	15.406	180	1857	1.755	ug/l	86
95) Naphthalene	15.647	128	7951	2.482	ug/l	96
96) 1,2,3-Trichlorobenzene	15.847	180	2034	1.672	ug/l	87

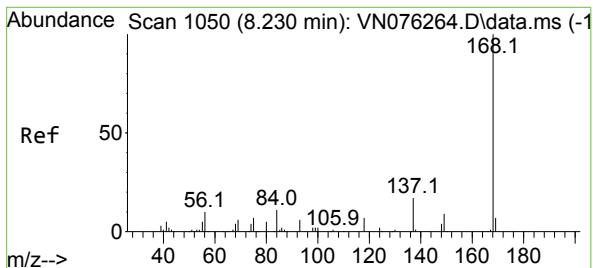
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1

Delta R.T. -0.000 min

Lab File: VN076412.D

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Instrument :

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ClientSampleId :

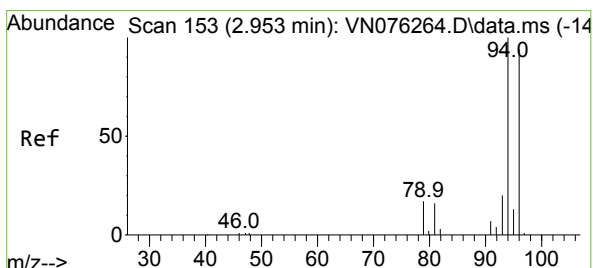
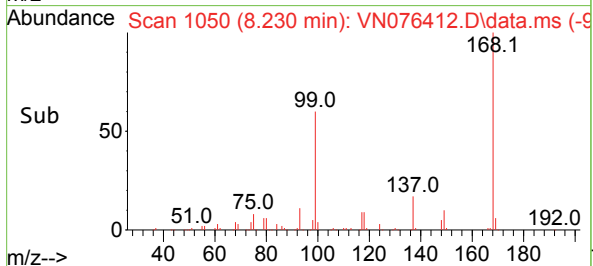
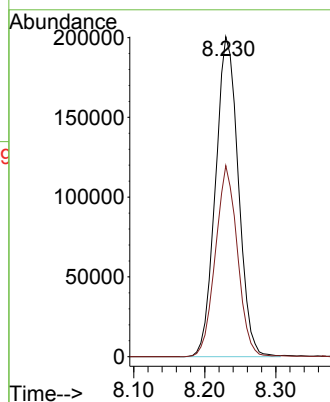
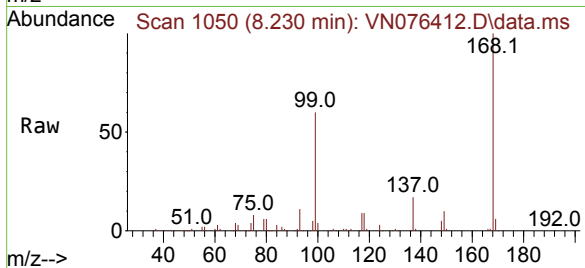
VN0126WBL01

Tgt Ion:168 Resp: 447493

Ion Ratio Lower Upper

168 100

99 59.7 41.6 62.4



#5

Bromomethane

Concen: 0.291 ug/l

RT: 2.983 min Scan# 158

Delta R.T. 0.030 min

Lab File: VN076412.D

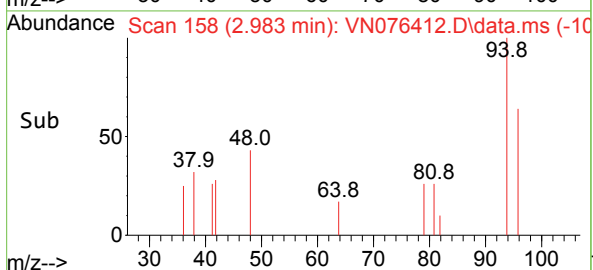
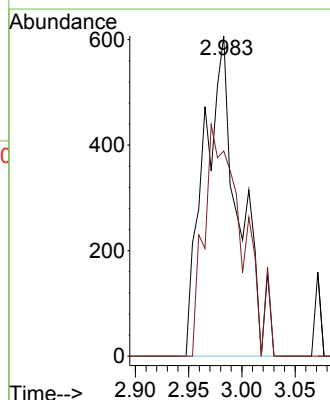
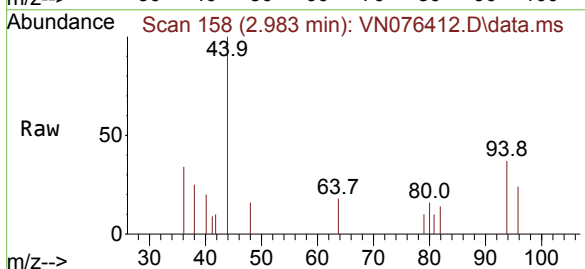
Acq: 26 Jan 2023 11:51

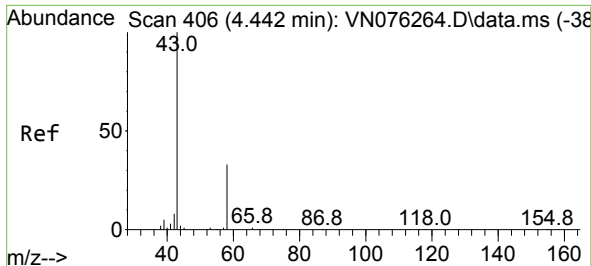
Tgt Ion: 94 Resp: 1386

Ion Ratio Lower Upper

94 100

96 64.1 75.1 112.7#

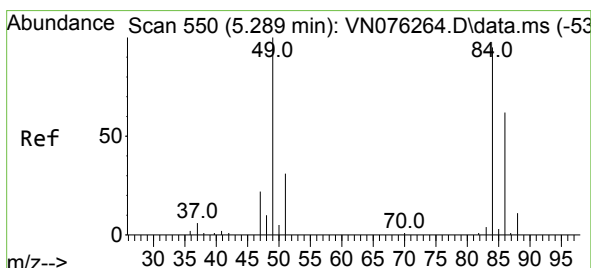
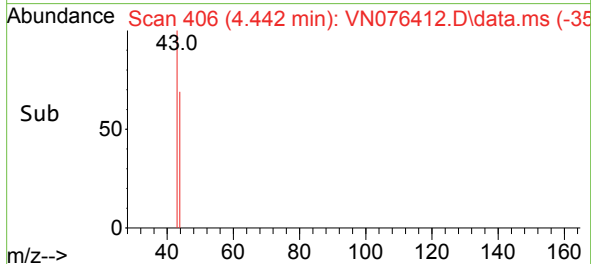
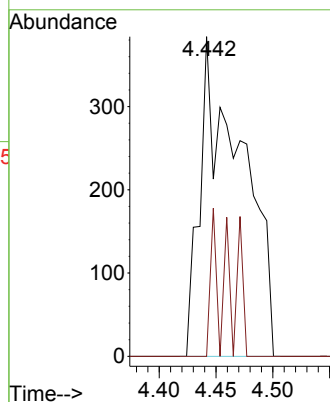
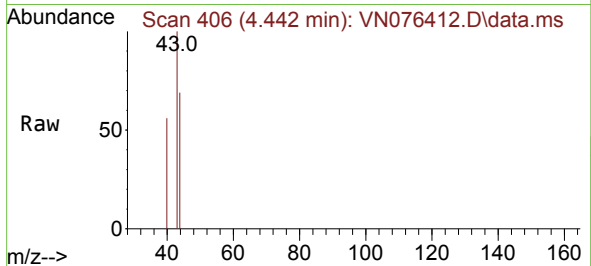




#16
Acetone
Concen: 0.535 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076412.D
Acq: 26 Jan 2023 11:51

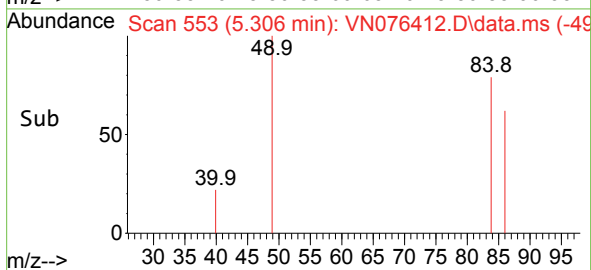
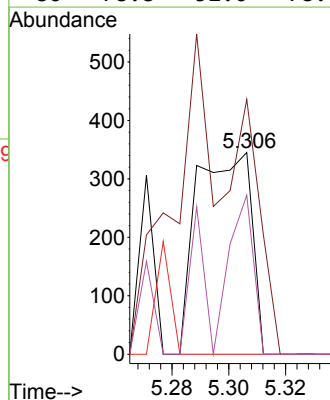
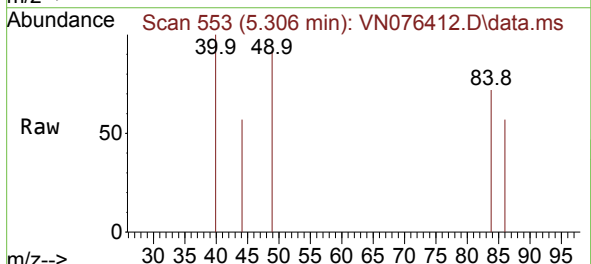
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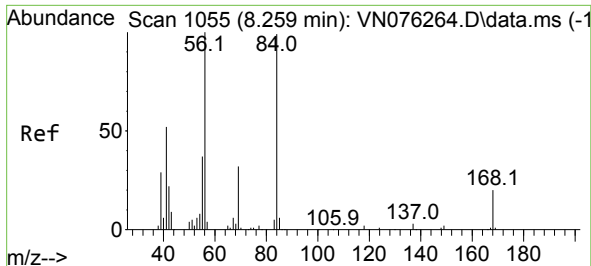
Tgt Ion: 43 Resp: 977
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.306 min Scan# 553
Delta R.T. 0.017 min
Lab File: VN076412.D
Acq: 26 Jan 2023 11:51

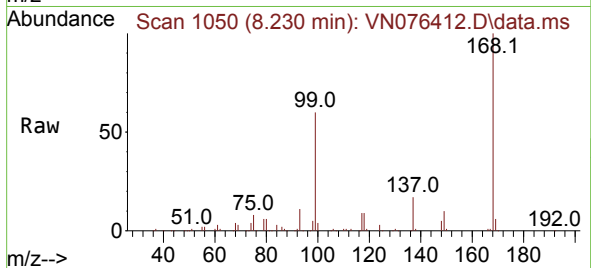
Tgt Ion: 84 Resp: 457
Ion Ratio Lower Upper
84 100
49 126.4 84.5 126.7
51 0.0 26.0 39.0#
86 78.8 52.0 78.0#



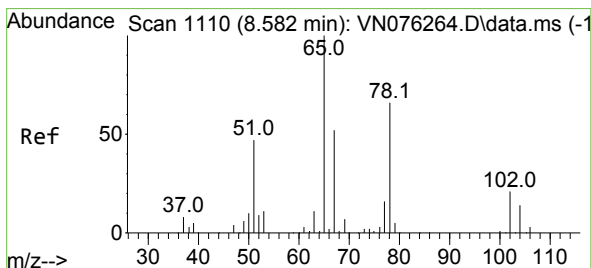
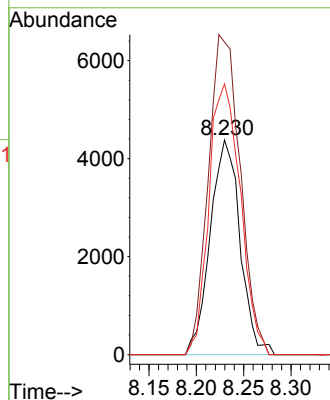
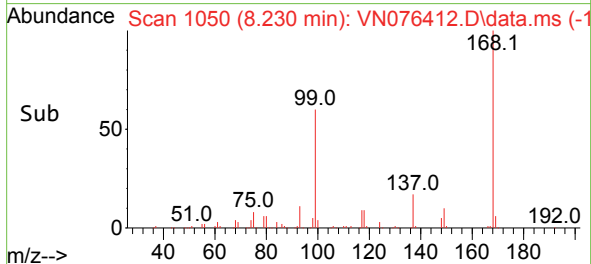


#31
Cyclohexane
Concen: 1.246 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.029 min
Lab File: VN076412.D
Acq: 26 Jan 2023 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN0126WBL01

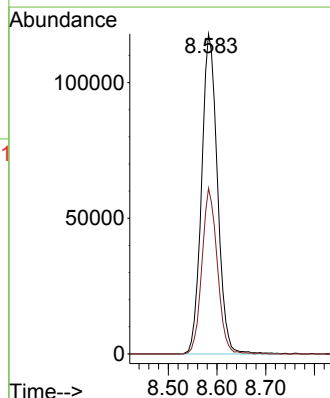
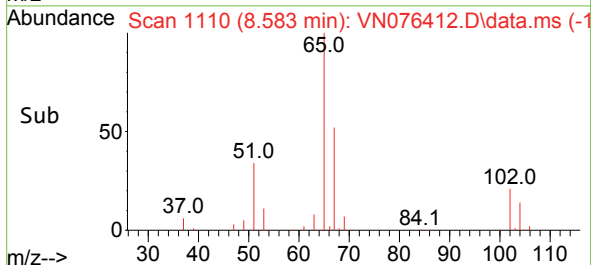
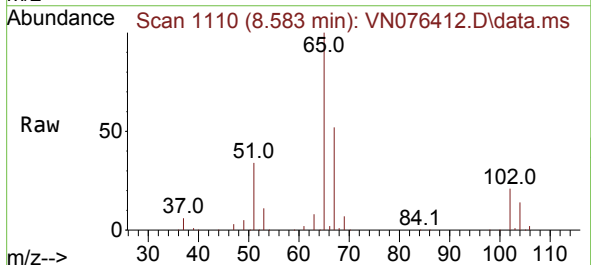


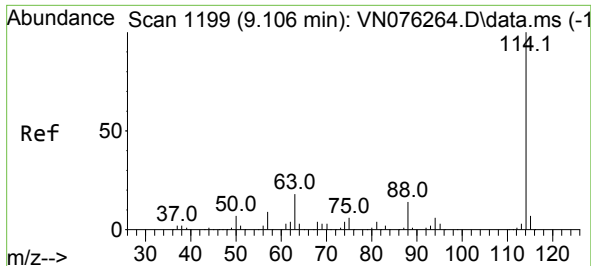
Tgt Ion: 56 Resp: 9591
Ion Ratio Lower Upper
56 100
69 145.6 25.8 38.8#
84 126.1 79.0 118.4#



#33
1,2-Dichloroethane-d4
Concen: 53.196 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.001 min
Lab File: VN076412.D
Acq: 26 Jan 2023 11:51

Tgt Ion: 65 Resp: 266541
Ion Ratio Lower Upper
65 100
67 50.2 0.0 104.6

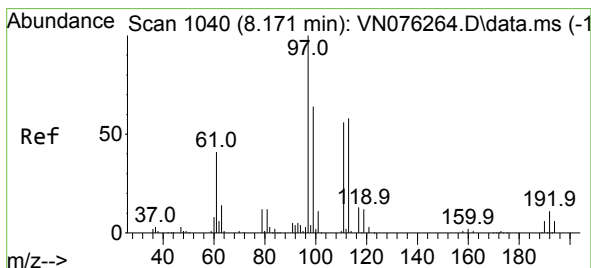
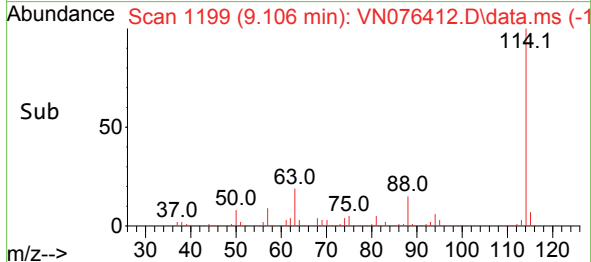
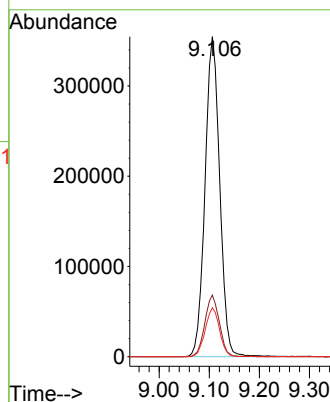
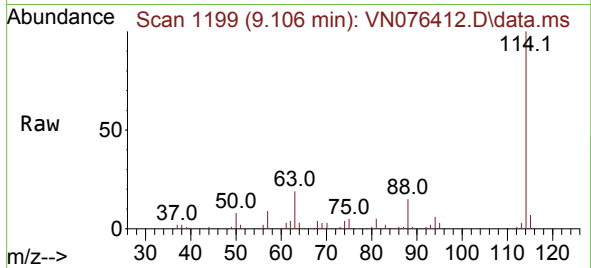




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN076412.D
Acq: 26 Jan 2023 11:51

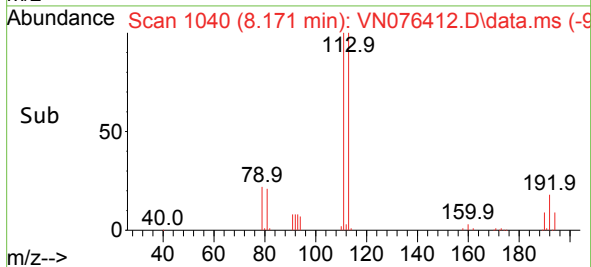
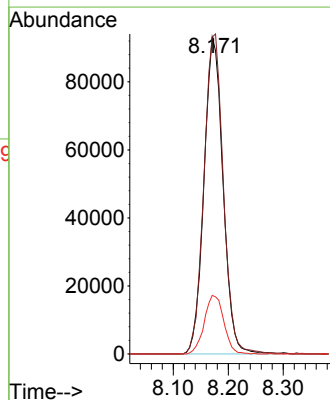
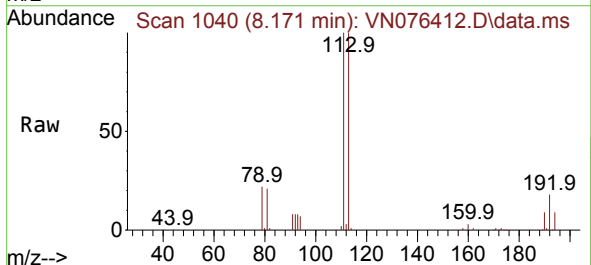
Instrument :
MSVOA_N
ClientSampleId :
VN0126WBL01

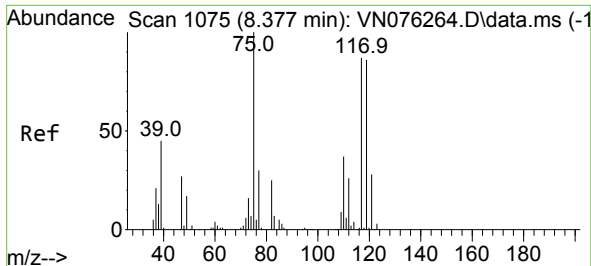
Tgt Ion:114 Resp: 722113
Ion Ratio Lower Upper
114 100
63 19.3 0.0 35.8
88 15.3 0.0 28.0



#35
Dibromofluoromethane
Concen: 49.616 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076412.D
Acq: 26 Jan 2023 11:51

Tgt Ion:113 Resp: 224122
Ion Ratio Lower Upper
113 100
111 103.0 82.7 124.1
192 18.9 15.6 23.4

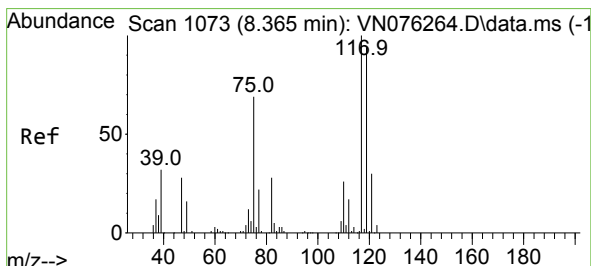
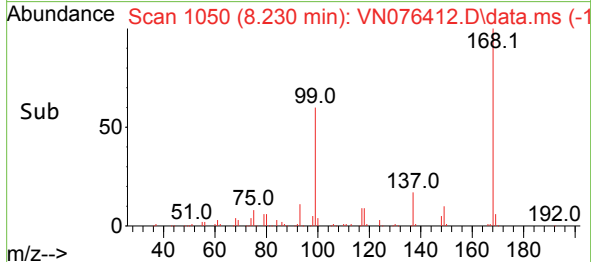
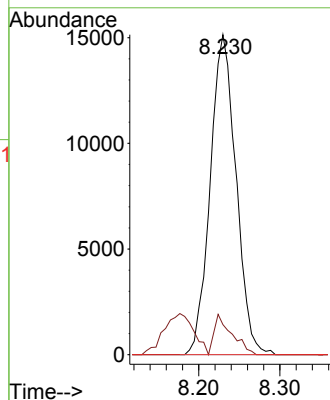
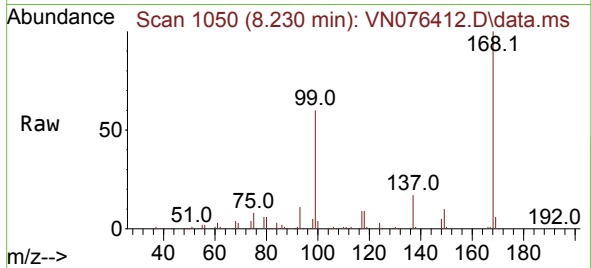




#36
1,1-Dichloropropene
Concen: 5.209 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN076412.D
Acq: 26 Jan 2023 11:51

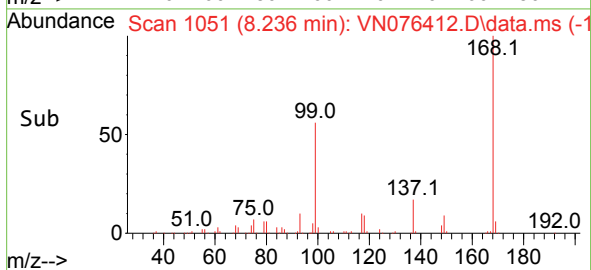
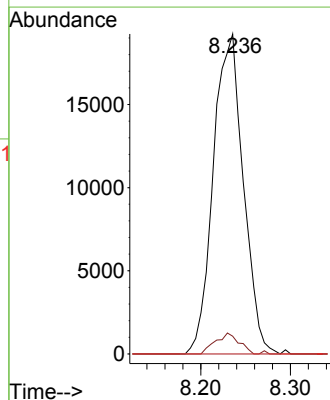
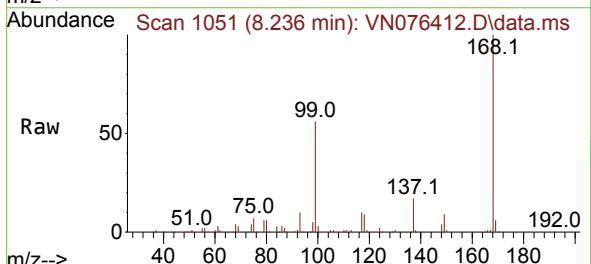
Instrument :
MSVOA_N
ClientSampleId :
VN0126WBL01

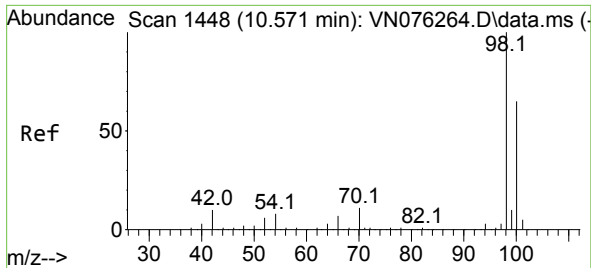
Tgt Ion: 75 Resp: 33435
Ion Ratio Lower Upper
75 100
110 8.7 18.8 56.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.236 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.129 min
Lab File: VN076412.D
Acq: 26 Jan 2023 11:51

Tgt Ion: 117 Resp: 44634
Ion Ratio Lower Upper
117 100
119 5.6 75.4 113.0#
121 0.0 24.2 36.2#

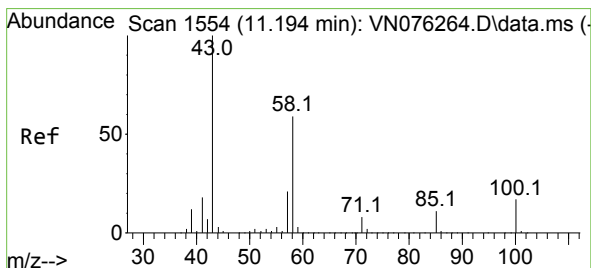
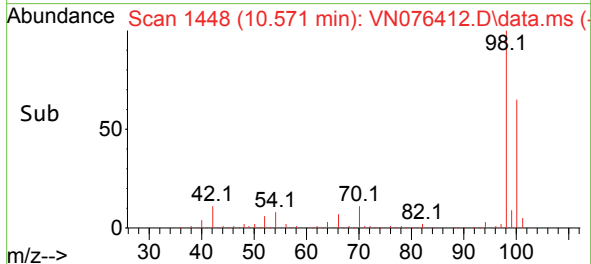
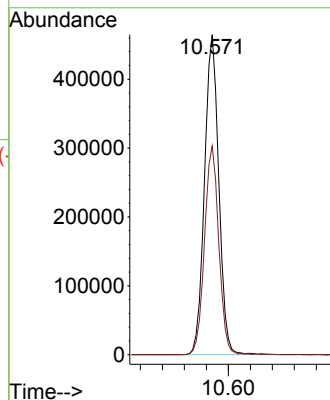
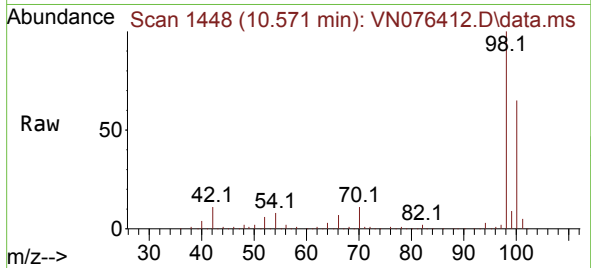




#50
Toluene-d8
Concen: 50.188 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076412.D
Acq: 26 Jan 2023 11:51

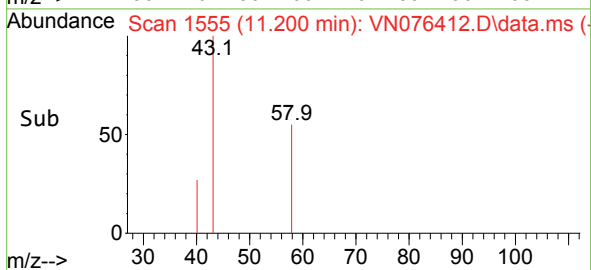
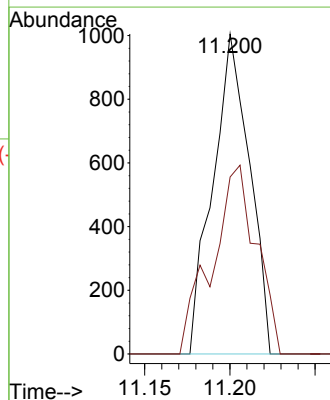
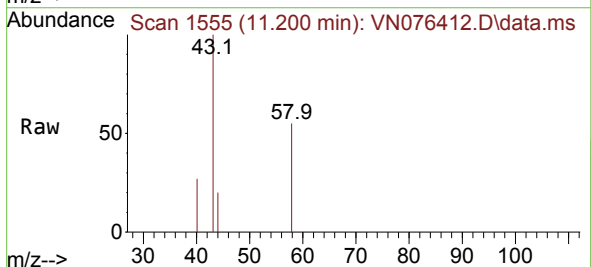
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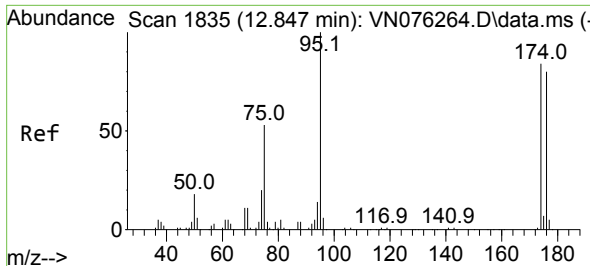
Tgt Ion: 98 Resp: 837248
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4



#59
2-Hexanone
Concen: 0.422 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076412.D
Acq: 26 Jan 2023 11:51

Tgt Ion: 43 Resp: 1505
Ion Ratio Lower Upper
43 100
58 71.3 30.1 90.3

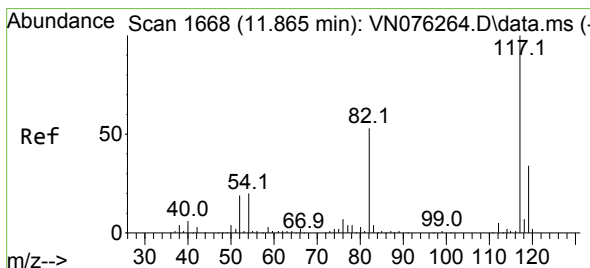
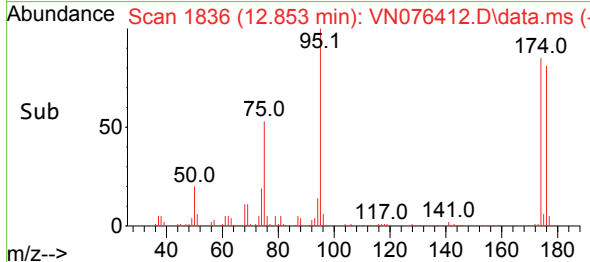
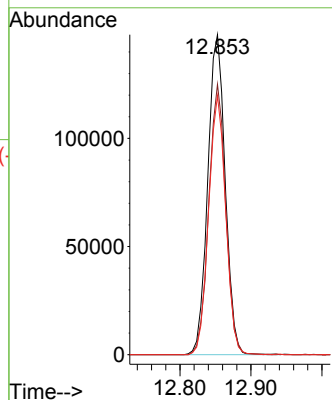
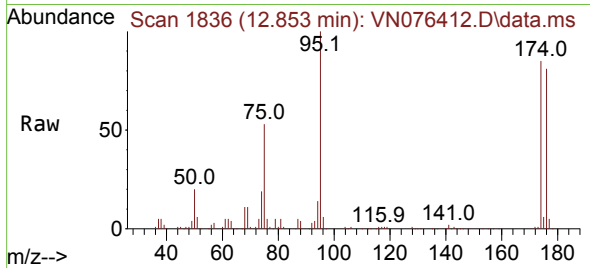




#62
4-Bromofluorobenzene
Concen: 46.393 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076412.D
Acq: 26 Jan 2023 11:51

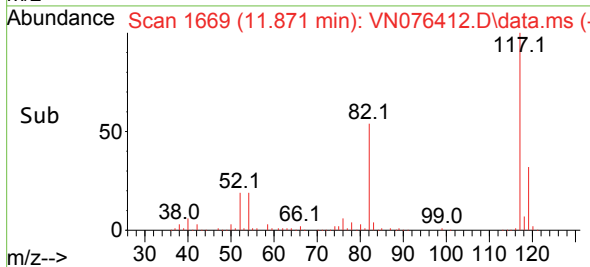
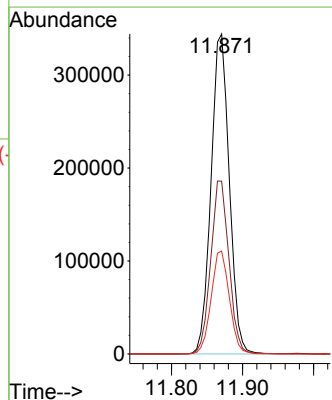
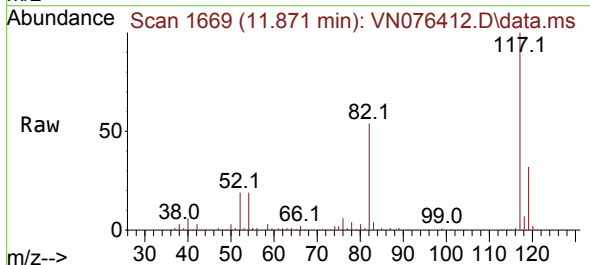
Instrument :
MSVOA_N
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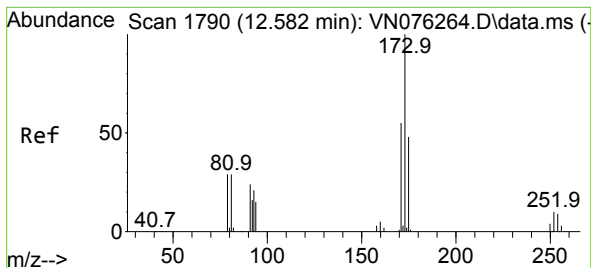
Tgt Ion: 95 Resp: 252655
Ion Ratio Lower Upper
95 100
174 82.2 0.0 174.6
176 79.2 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076412.D
Acq: 26 Jan 2023 11:51

Tgt Ion: 117 Resp: 614174
Ion Ratio Lower Upper
117 100
82 54.0 42.2 63.2
119 32.1 26.9 40.3





#71

Bromoform

Concen: 0.448 ug/l

RT: 12.841 min Scan# 11

Delta R.T. 0.259 min

Lab File: VN076412.D

Acq: 26 Jan 2023 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN0126WBL01

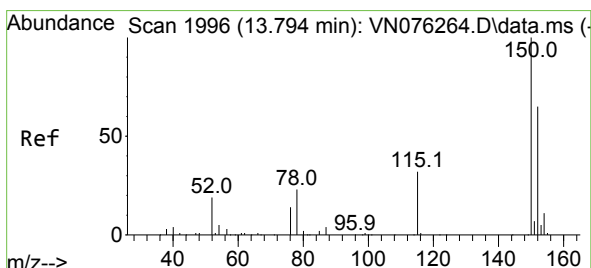
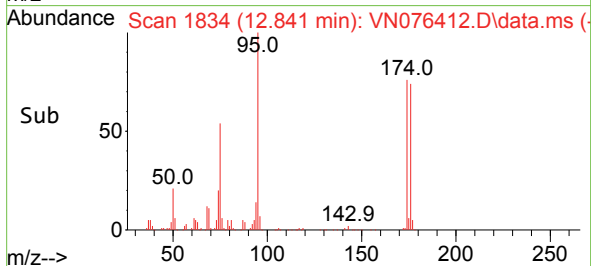
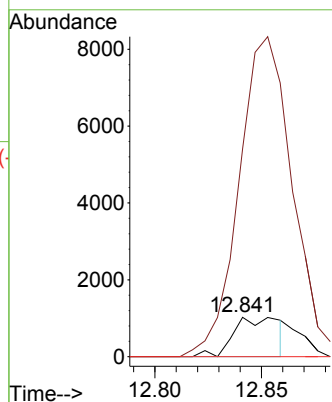
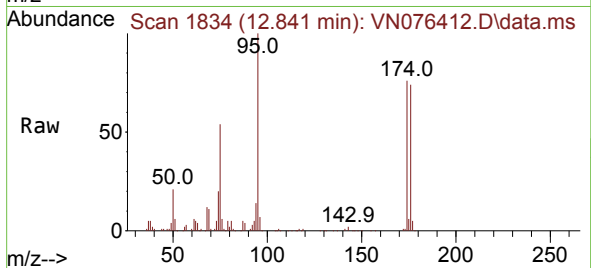
Tgt Ion:173 Resp: 1564

Ion Ratio Lower Upper

173 100

175 742.9 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: VN076412.D

Acq: 26 Jan 2023 11:51

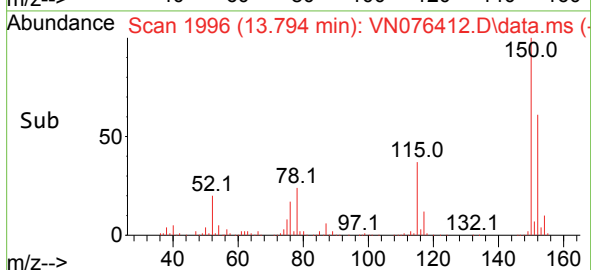
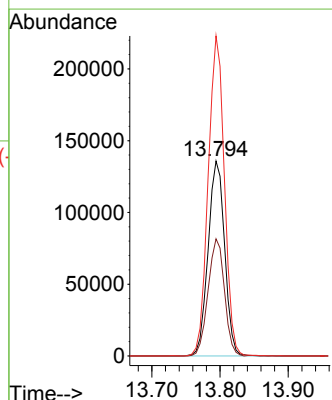
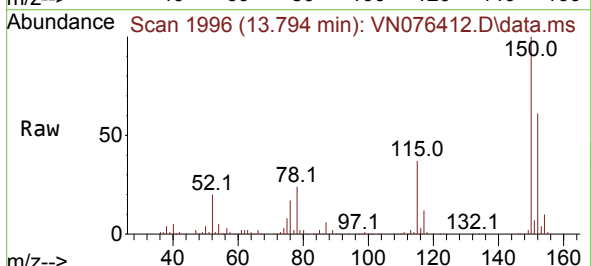
Tgt Ion:152 Resp: 229336

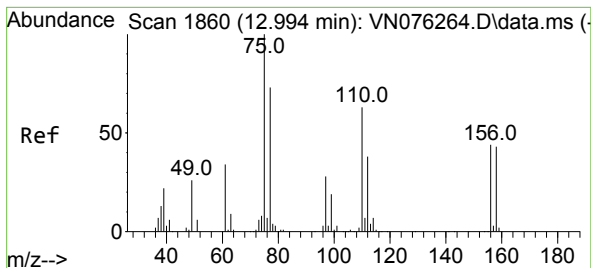
Ion Ratio Lower Upper

152 100

115 59.4 29.6 88.9

150 160.9 0.0 351.4





#76

1,2,3-Trichloropropane

Concen: 32.083 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN076412.D

Acq: 26 Jan 2023 11:51

Instrument :

MSVOA_N

ClientSampleId :

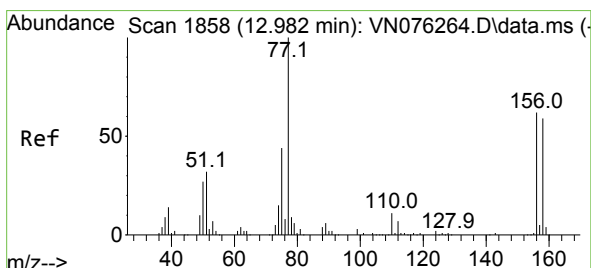
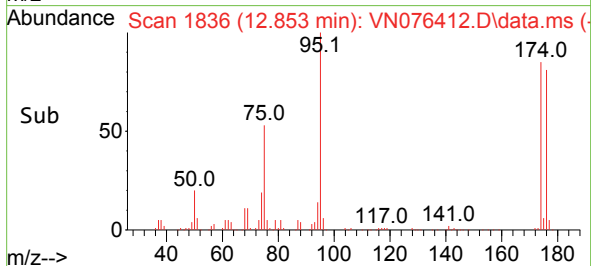
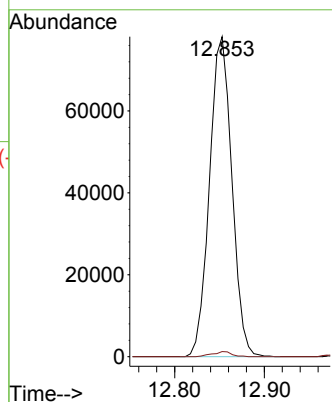
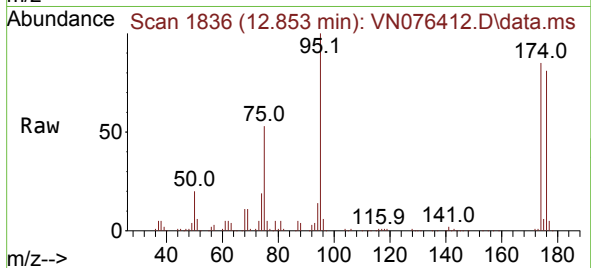
VN0126WBL01

Tgt Ion: 75 Resp: 135459

Ion Ratio Lower Upper

75 100

77 1.4 75.2 225.6#



#77

Bromobenzene

Concen: Below Cal

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN076412.D

Acq: 26 Jan 2023 11:51

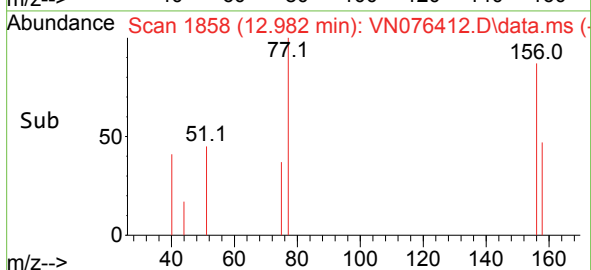
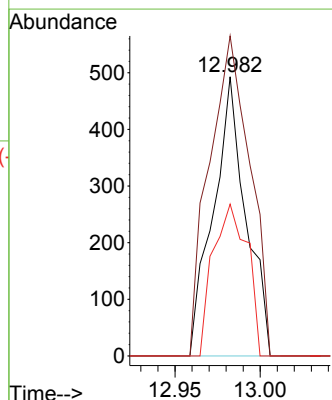
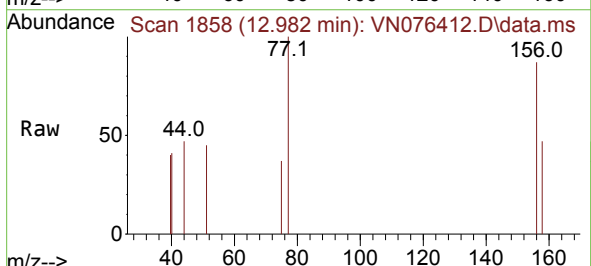
Tgt Ion:156 Resp: 657

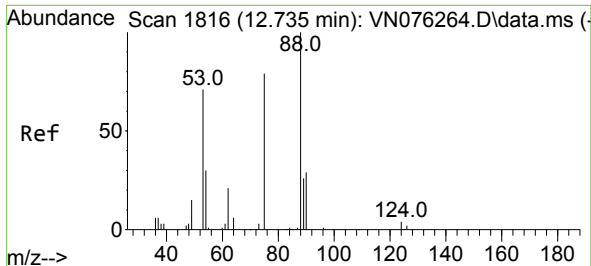
Ion Ratio Lower Upper

156 100

77 142.5 93.4 280.2

158 56.9 48.4 145.2

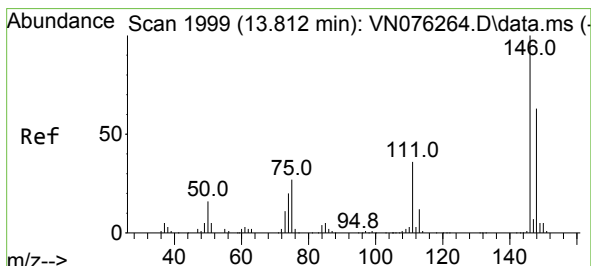
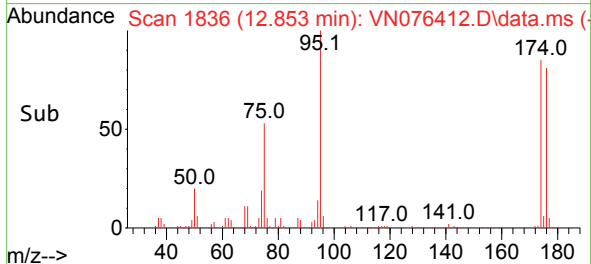
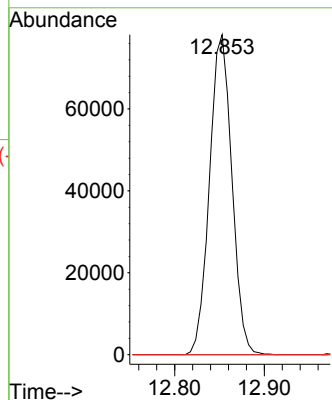
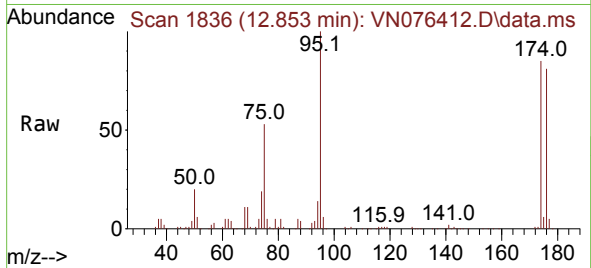




#81
trans-1,4-Dichloro-2-butene
Concen: 98.275 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN076412.D
Acq: 26 Jan 2023 11:51

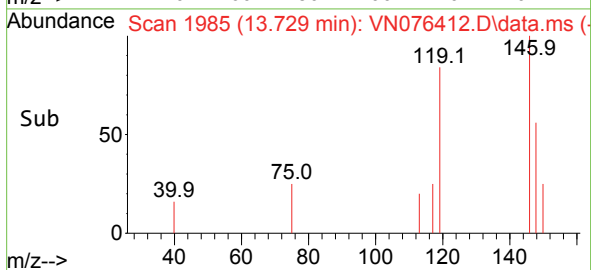
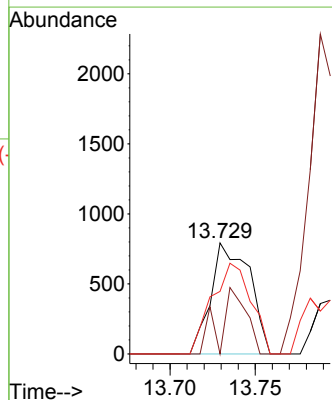
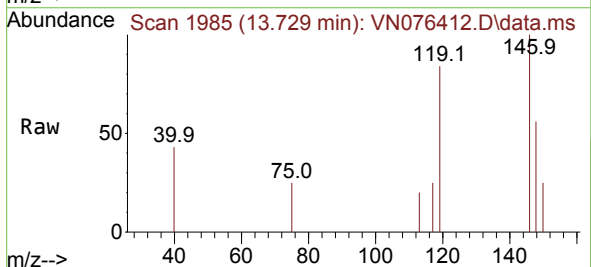
Instrument :
MSVOA_N
ClientSampleId :
VN0126WBL01

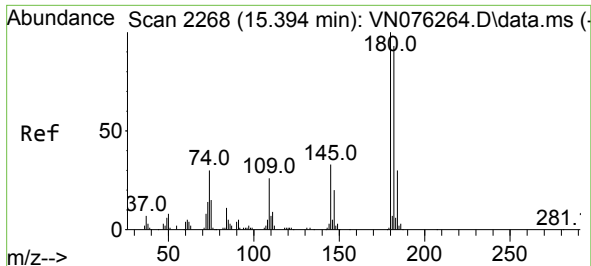
Tgt Ion: 75 Resp: 135459
Ion Ratio Lower Upper
75 100
53 0.0 75.8 113.8#
89 0.0 37.0 55.6#



#88
1,4-Dichlorobenzene
Concen: 0.258 ug/l
RT: 13.729 min Scan# 1985
Delta R.T. -0.083 min
Lab File: VN076412.D
Acq: 26 Jan 2023 11:51

Tgt Ion:146 Resp: 1252
Ion Ratio Lower Upper
146 100
111 40.5 19.1 57.5
148 82.9 31.9 95.9

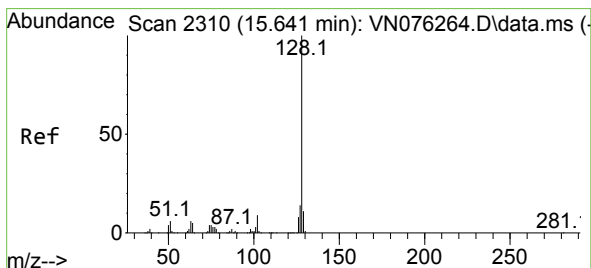
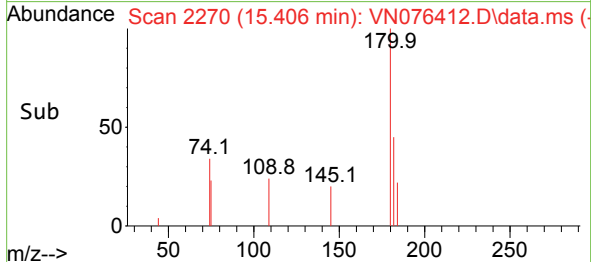
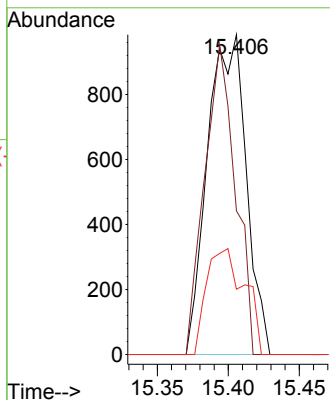
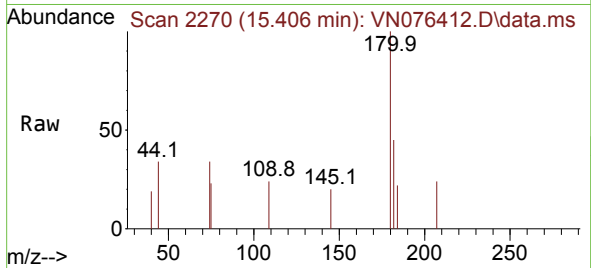




#93
1,2,4-Trichlorobenzene
Concen: 1.755 ug/l
RT: 15.406 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN076412.D
Acq: 26 Jan 2023 11:51

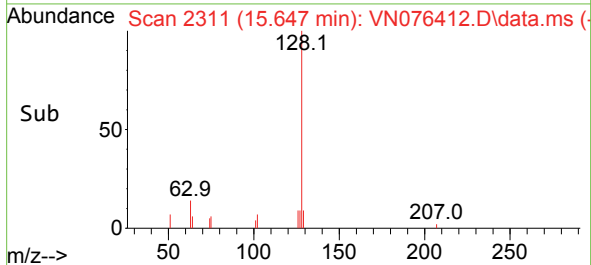
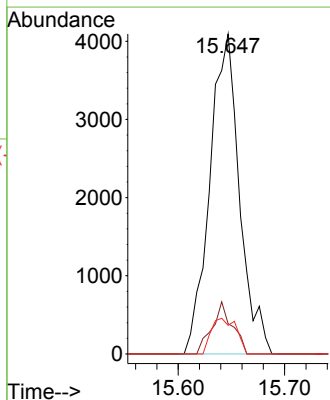
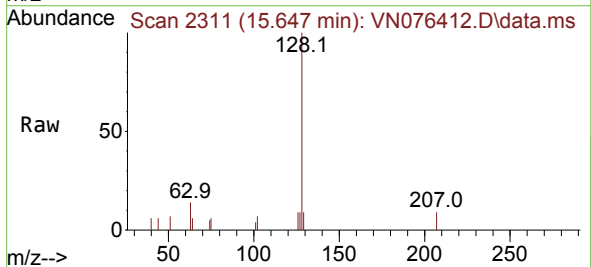
Instrument :
MSVOA_N
ClientSampleId :
VN0126WBL01

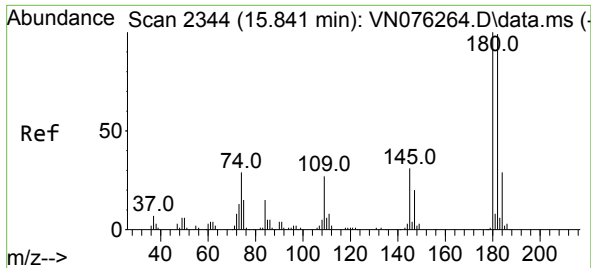
Tgt Ion:180 Resp: 1857
Ion Ratio Lower Upper
180 100
182 77.1 47.0 141.2
145 32.7 15.2 45.5



#95
Naphthalene
Concen: 2.482 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN076412.D
Acq: 26 Jan 2023 11:51

Tgt Ion:128 Resp: 7951
Ion Ratio Lower Upper
128 100
127 11.0 10.3 15.5
129 9.4 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 1.672 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN076412.D
 Acq: 26 Jan 2023 11:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0126WBL01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	81.2	47.5	142.5
145	25.9	15.9	47.6

