

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021623\
 Data File : VN076702.D
 Acq On : 16 Feb 2023 11:17
 Operator : JC\MD
 Sample : VN0216WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 17 00:06:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

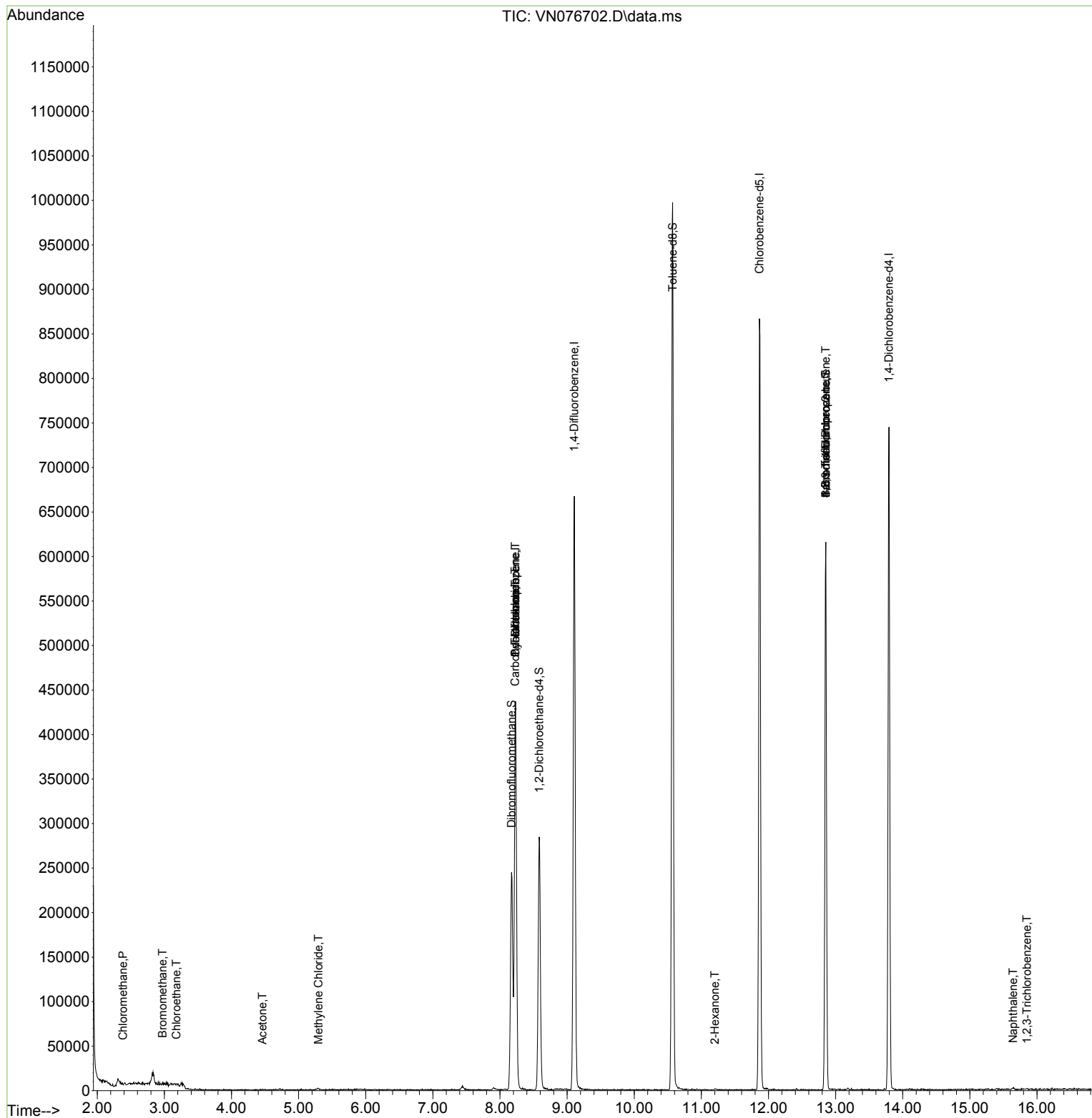
Internal Standards						
1) Pentafluorobenzene	8.231	168	308910	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	545223	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	474706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	182404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	216841	50.835	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.660%	
35) Dibromofluoromethane	8.172	113	171563	48.049	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.100%	
50) Toluene-d8	10.572	98	668124	50.105	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.220%	
62) 4-Bromofluorobenzene	12.854	95	195778	44.330	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.660%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.384	50	975	0.228	ug/l #	44
5) Bromomethane	2.972	94	719	0.282	ug/l	84
6) Chloroethane	3.178	64	1842	0.692	ug/l	92
16) Acetone	4.460	43	713	0.374	ug/l #	80
20) Methylene Chloride	5.296	84	939	0.235	ug/l #	47
31) Cyclohexane	8.231	56	8506	1.271	ug/l #	1
36) 1,1-Dichloropropene	8.231	75	26923	5.219	ug/l #	51
38) Carbon Tetrachloride	8.225	117	31680	6.087	ug/l #	15
59) 2-Hexanone	11.201	43	1049	0.259	ug/l	74
71) Bromoform	12.854	173	2227	0.831	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	112620	30.539	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	112620	88.948	ug/l #	4
95) Naphthalene	15.642	128	2725	0.278	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.848	180	745	0.238	ug/l #	89

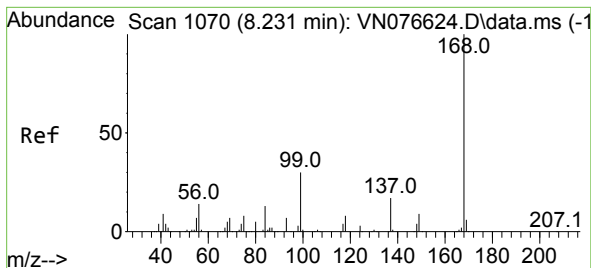
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.231 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076702.D

Acq: 16 Feb 2023 11:17

Instrument :

MSVOA_N

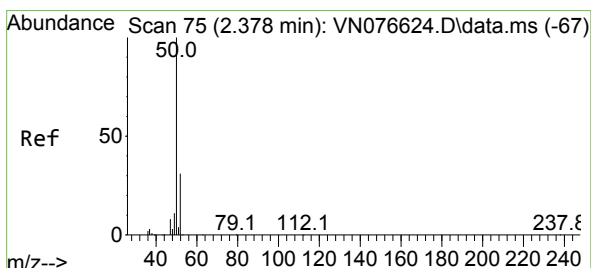
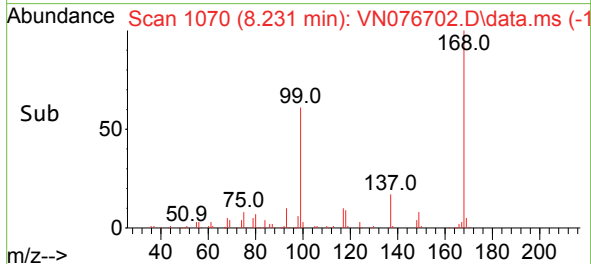
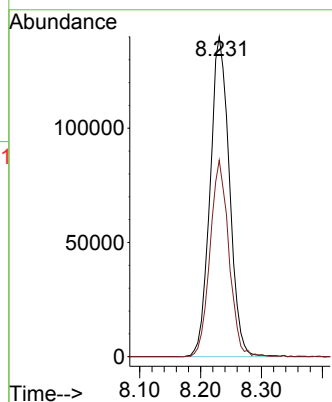
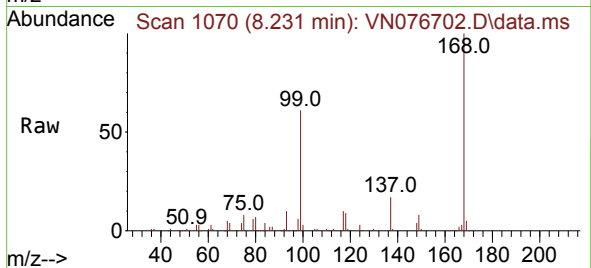
ClientSampleId :

Tgt Ion:168 Resp: 308910

Ion Ratio Lower Upper

168 100

99 61.4 44.8 67.2



#3

Chloromethane

Concen: 0.228 ug/l

RT: 2.384 min Scan# 76

Delta R.T. 0.006 min

Lab File: VN076702.D

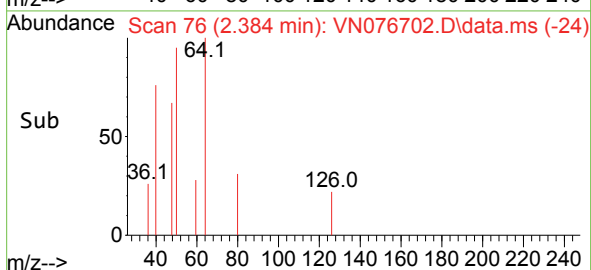
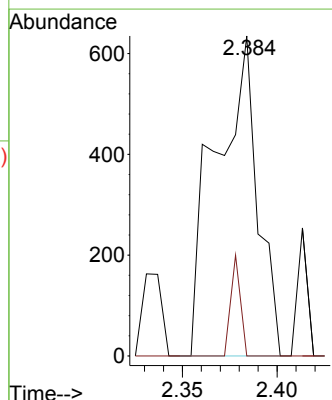
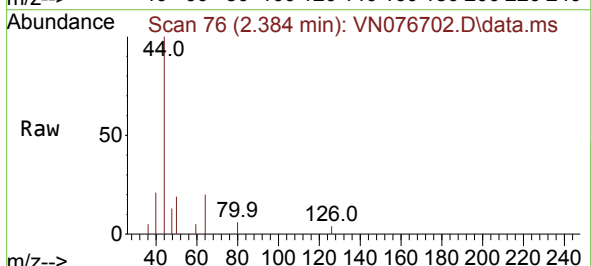
Acq: 16 Feb 2023 11:17

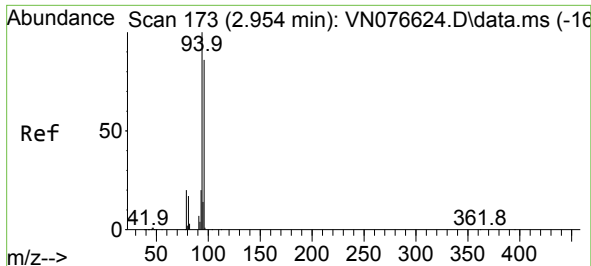
Tgt Ion: 50 Resp: 975

Ion Ratio Lower Upper

50 100

52 0.0 24.7 37.1#

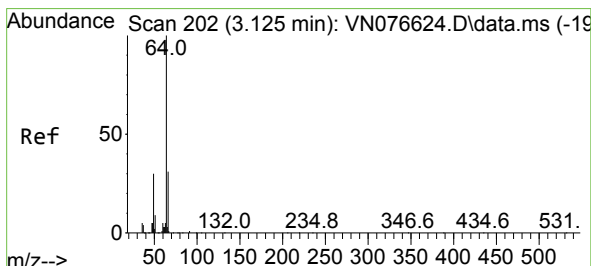
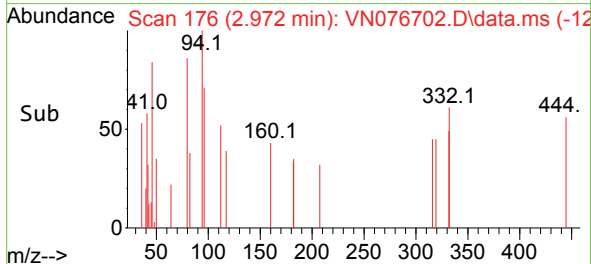
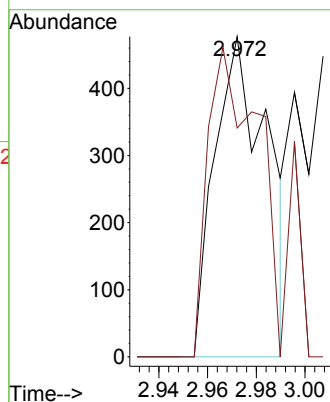
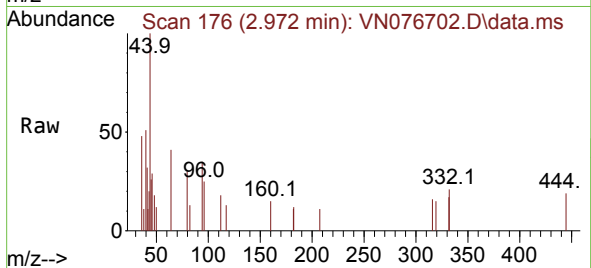




#5
Bromomethane
Concen: 0.282 ug/l
RT: 2.972 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN076702.D
Acq: 16 Feb 2023 11:17

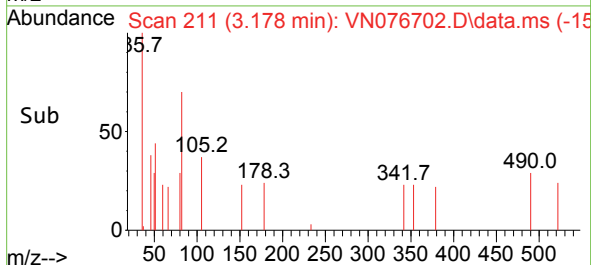
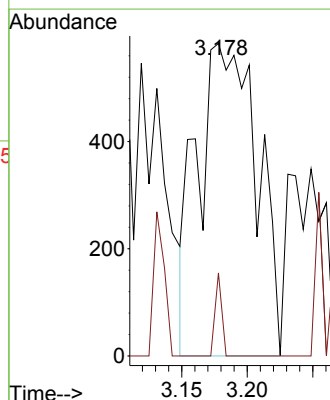
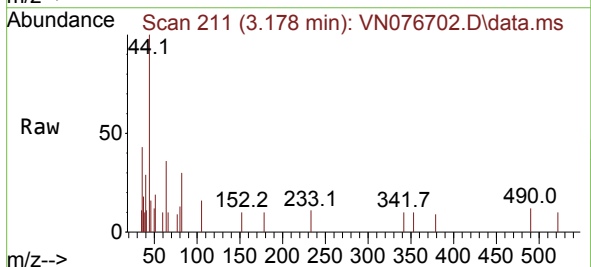
Instrument :
MSVOA_N
ClientSampleId :

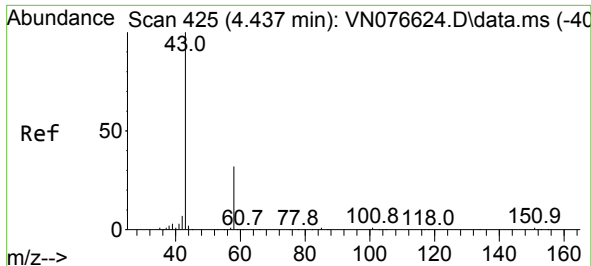
Tgt Ion: 94 Resp: 719
Ion Ratio Lower Upper
94 100
96 71.5 69.0 103.4



#6
Chloroethane
Concen: 0.692 ug/l
RT: 3.178 min Scan# 211
Delta R.T. 0.053 min
Lab File: VN076702.D
Acq: 16 Feb 2023 11:17

Tgt Ion: 64 Resp: 1842
Ion Ratio Lower Upper
64 100
66 26.6 24.6 37.0

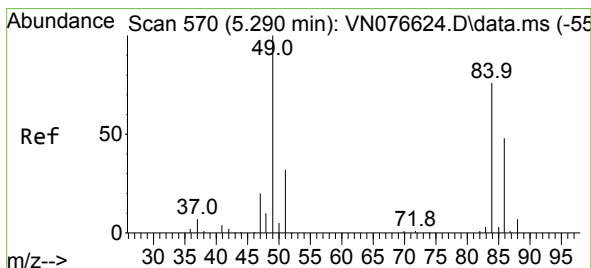
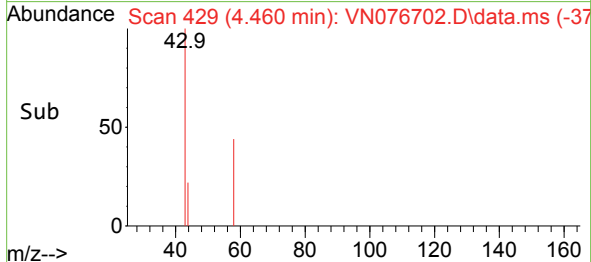
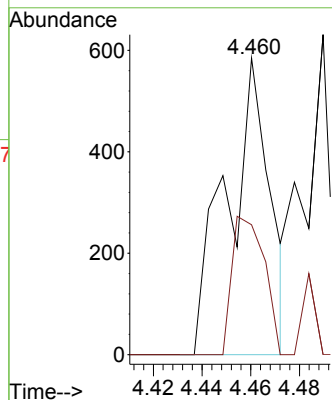
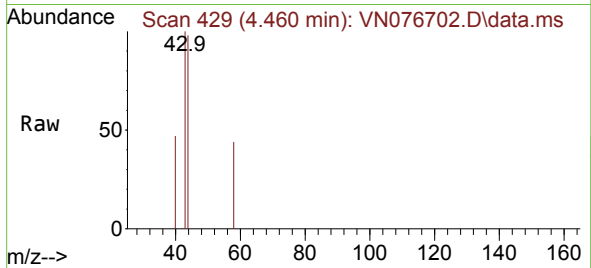




#16
Acetone
Concen: 0.374 ug/l
RT: 4.460 min Scan# 41
Delta R.T. 0.023 min
Lab File: VN076702.D
Acq: 16 Feb 2023 11:17

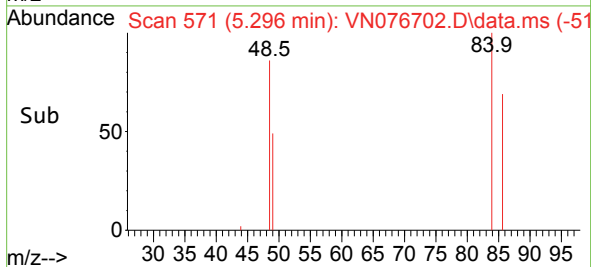
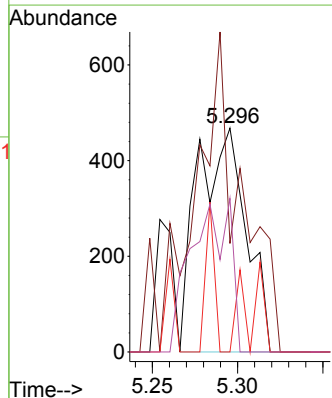
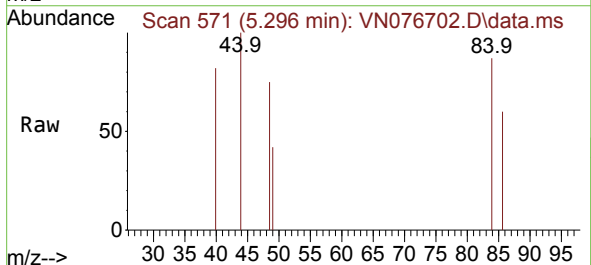
Instrument :
MSVOA_N
ClientSampleId :

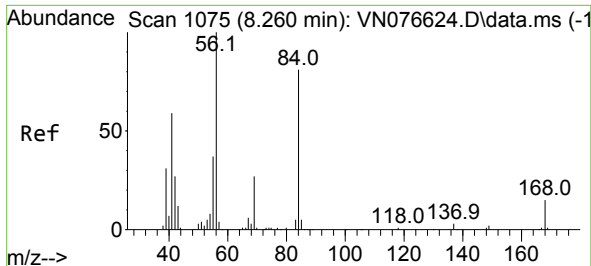
Tgt Ion: 43 Resp: 713
Ion Ratio Lower Upper
43 100
58 43.8 25.9 38.9#



#20
Methylene Chloride
Concen: 0.235 ug/l
RT: 5.296 min Scan# 571
Delta R.T. 0.006 min
Lab File: VN076702.D
Acq: 16 Feb 2023 11:17

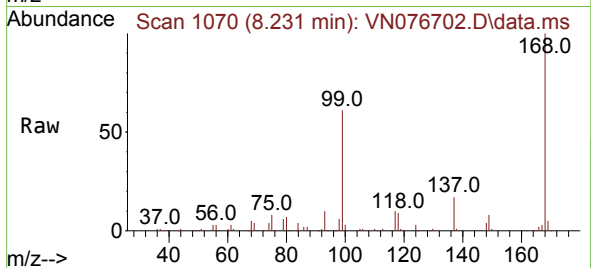
Tgt Ion: 84 Resp: 939
Ion Ratio Lower Upper
84 100
49 48.5 104.9 157.3#
51 0.0 33.8 50.8#
86 68.6 50.0 75.0



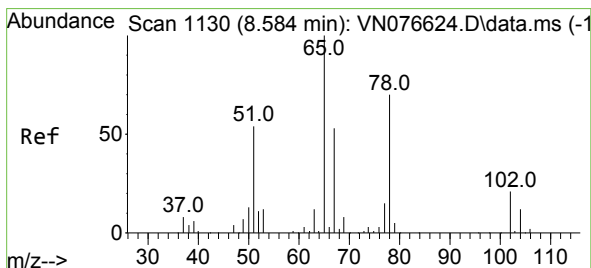
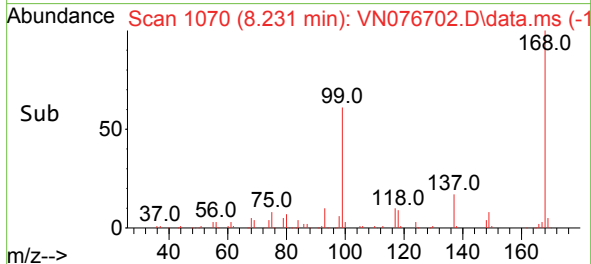
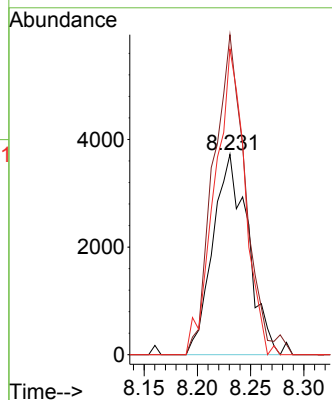


#31
Cyclohexane
Concen: 1.271 ug/l
RT: 8.231 min Scan# 1075
Delta R.T. -0.029 min
Lab File: VN076702.D
Acq: 16 Feb 2023 11:17

Instrument :
MSVOA_N
ClientSampleId :

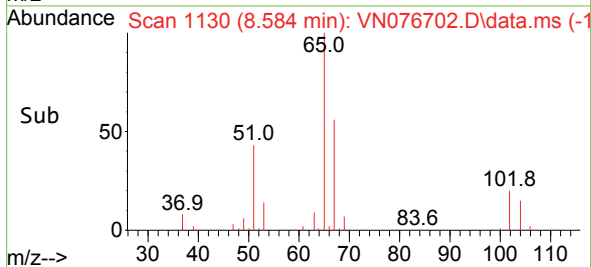
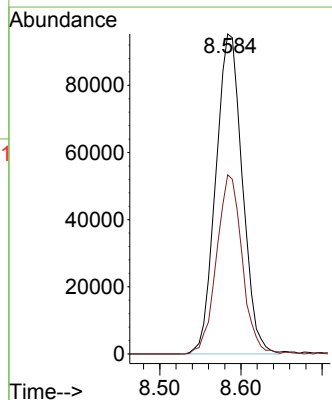
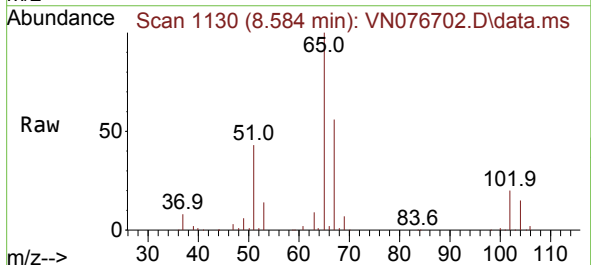


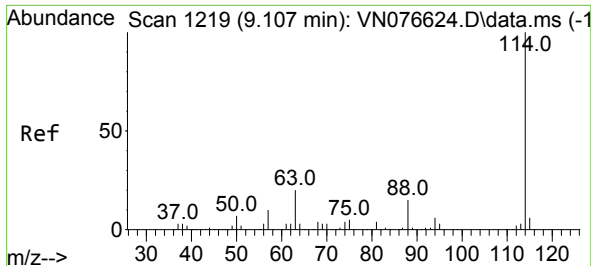
Tgt Ion: 56 Resp: 8506
Ion Ratio Lower Upper
56 100
69 159.8 21.6 32.4#
84 152.6 65.1 97.7#



#33
1,2-Dichloroethane-d4
Concen: 50.835 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076702.D
Acq: 16 Feb 2023 11:17

Tgt Ion: 65 Resp: 216841
Ion Ratio Lower Upper
65 100
67 53.8 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076702.D

Acq: 16 Feb 2023 11:17

Instrument :

MSVOA_N

ClientSampleId :

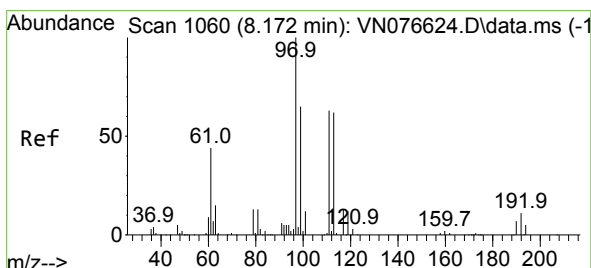
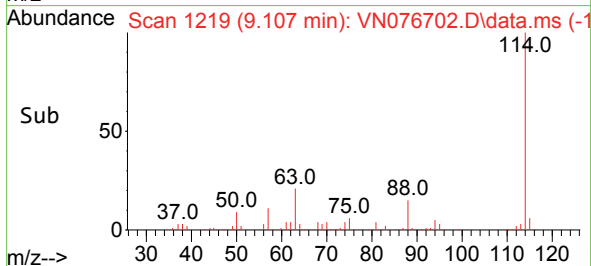
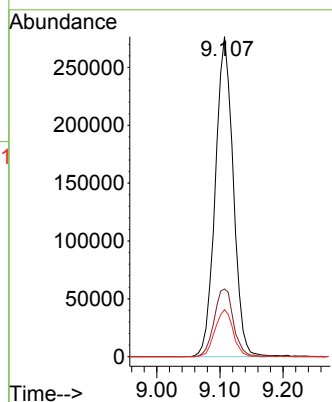
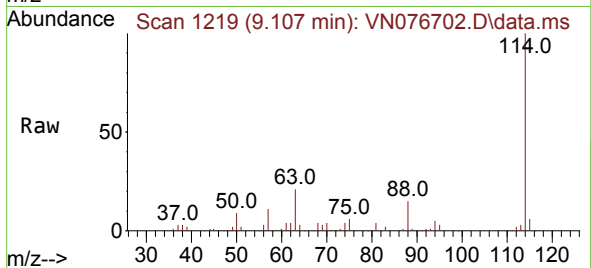
Tgt Ion:114 Resp: 545223

Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.0

88 14.7 0.0 29.6



#35

Dibromofluoromethane

Concen: 48.049 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076702.D

Acq: 16 Feb 2023 11:17

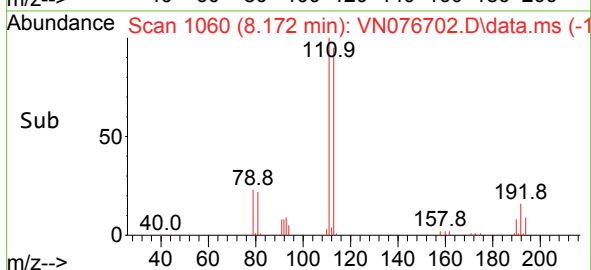
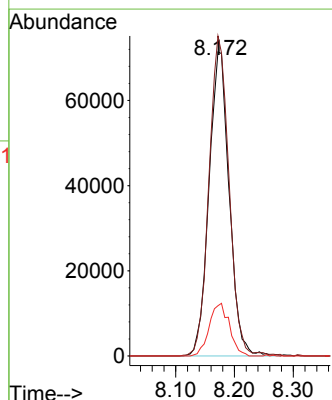
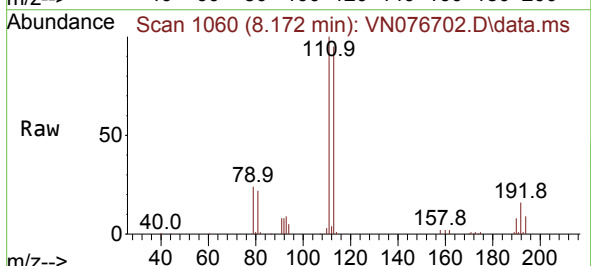
Tgt Ion:113 Resp: 171563

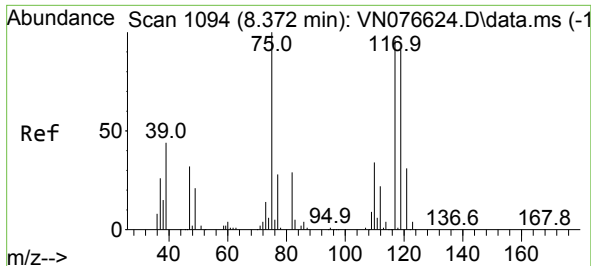
Ion Ratio Lower Upper

113 100

111 103.8 83.1 124.7

192 17.1 15.6 23.4

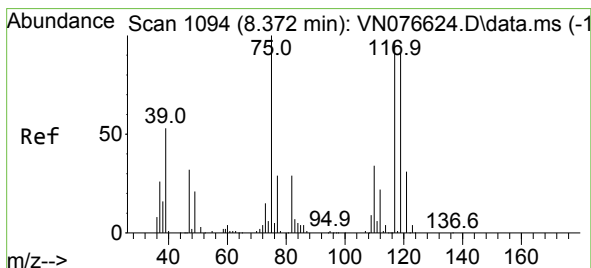
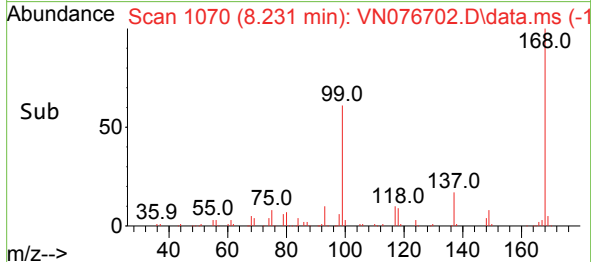
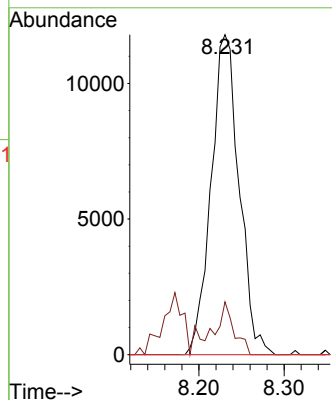
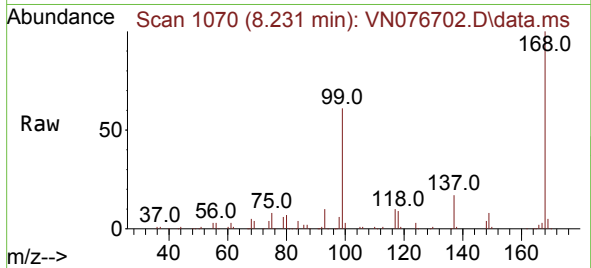




#36
1,1-Dichloropropene
Concen: 5.219 ug/l
RT: 8.231 min Scan# 1069
Delta R.T. -0.141 min
Lab File: VN076702.D
Acq: 16 Feb 2023 11:17

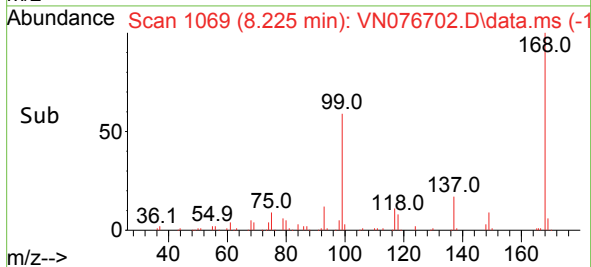
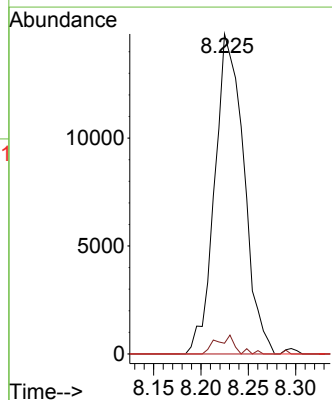
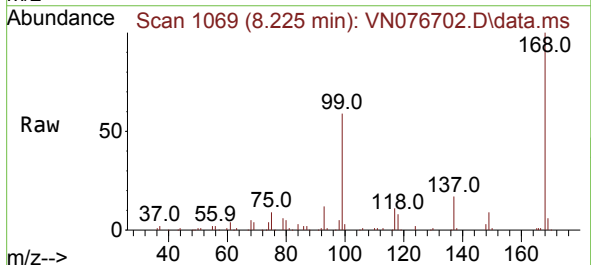
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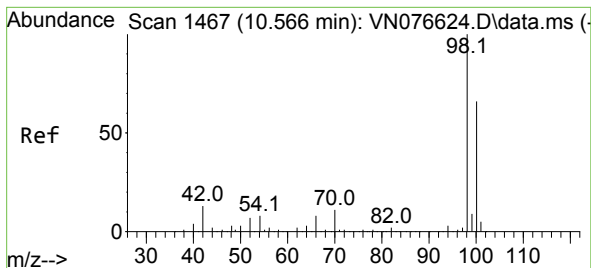
Tgt Ion: 75 Resp: 26923
Ion Ratio Lower Upper
75 100
110 10.3 17.5 52.5#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.087 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.147 min
Lab File: VN076702.D
Acq: 16 Feb 2023 11:17

Tgt Ion: 117 Resp: 31680
Ion Ratio Lower Upper
117 100
119 3.4 75.4 113.0#
121 0.0 26.0 39.0#





#50

Toluene-d8

Concen: 50.105 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN076702.D

Acq: 16 Feb 2023 11:17

Instrument :

MSVOA_N

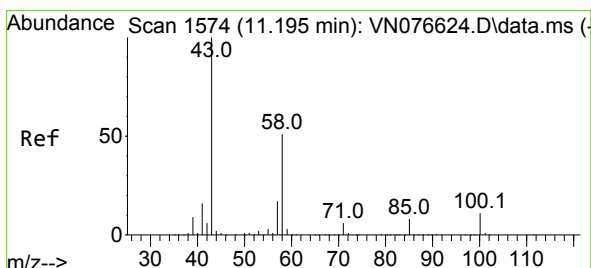
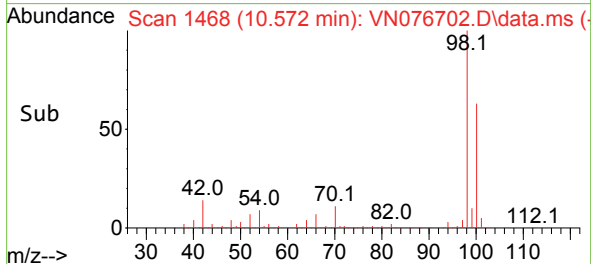
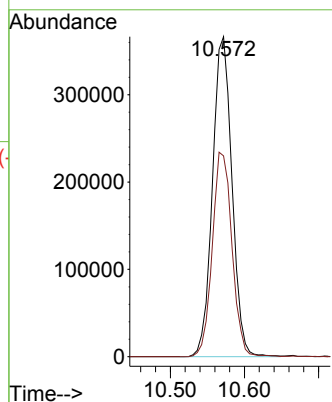
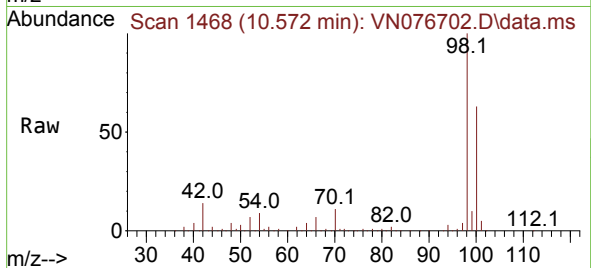
ClientSampleId :

Tgt Ion: 98 Resp: 668124

Ion Ratio Lower Upper

98 100

100 64.6 52.9 79.3



#59

2-Hexanone

Concen: 0.259 ug/l

RT: 11.201 min Scan# 1575

Delta R.T. 0.006 min

Lab File: VN076702.D

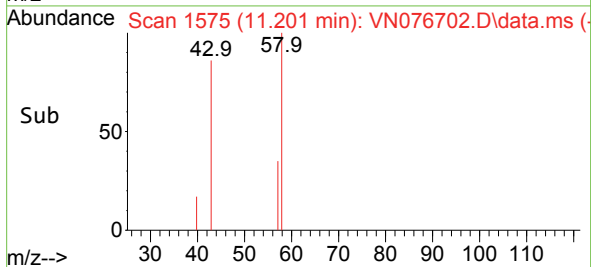
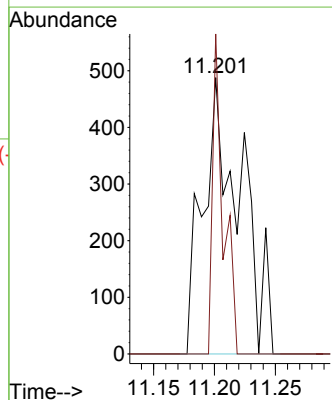
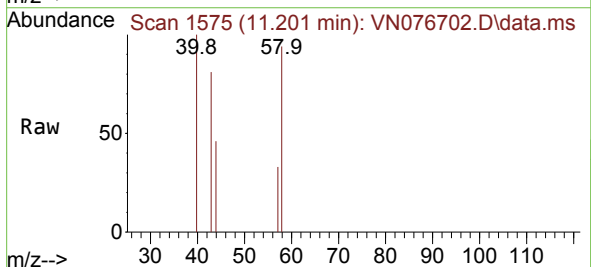
Acq: 16 Feb 2023 11:17

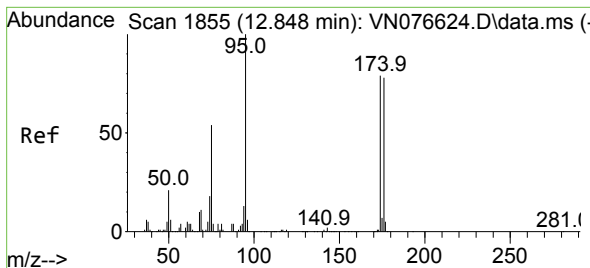
Tgt Ion: 43 Resp: 1049

Ion Ratio Lower Upper

43 100

58 32.9 25.4 76.0

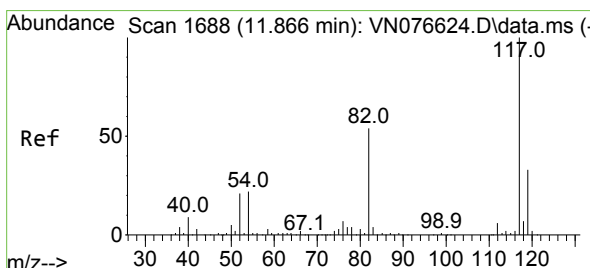
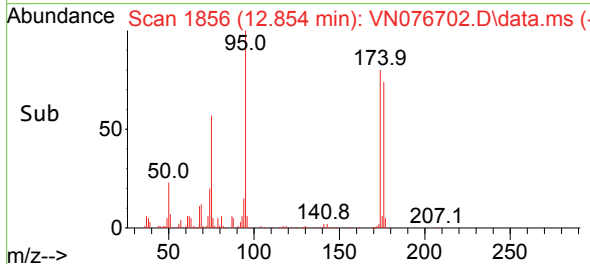
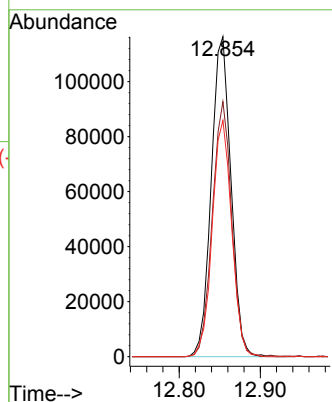
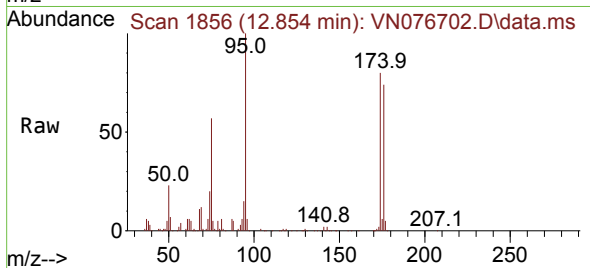




#62
4-Bromofluorobenzene
Concen: 44.330 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076702.D
Acq: 16 Feb 2023 11:17

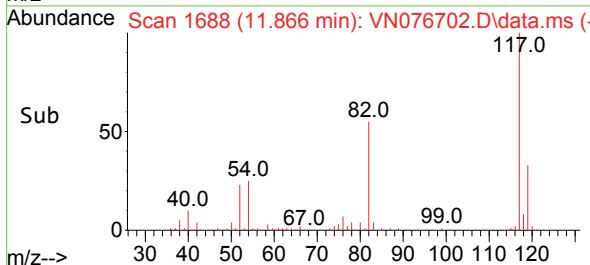
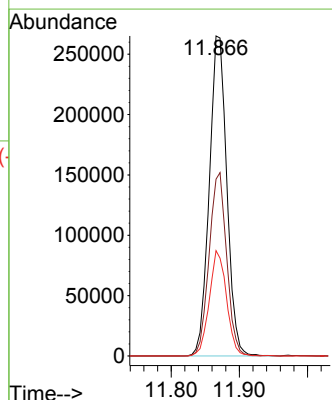
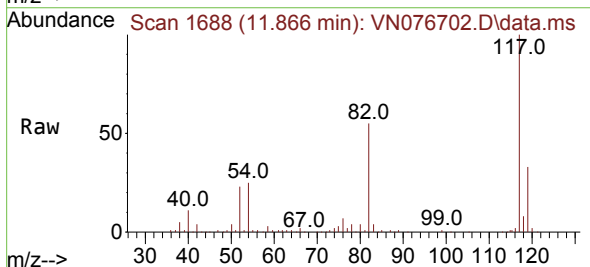
Instrument :
MSVOA_N
ClientSampleId :

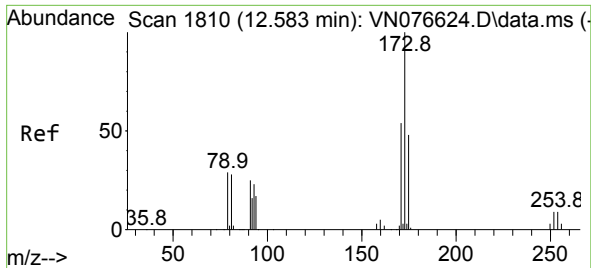
Tgt Ion: 95 Resp: 195778
Ion Ratio Lower Upper
95 100
174 78.3 0.0 169.2
176 73.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076702.D
Acq: 16 Feb 2023 11:17

Tgt Ion: 117 Resp: 474706
Ion Ratio Lower Upper
117 100
82 55.3 43.4 65.2
119 32.9 26.1 39.1

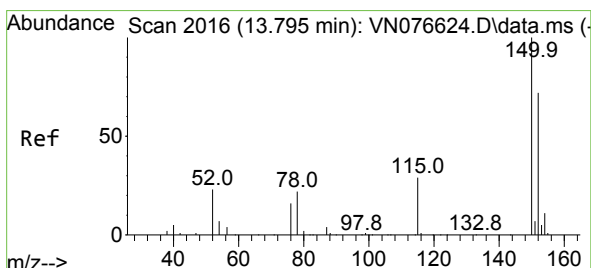
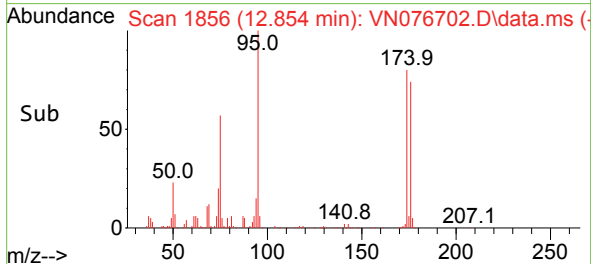
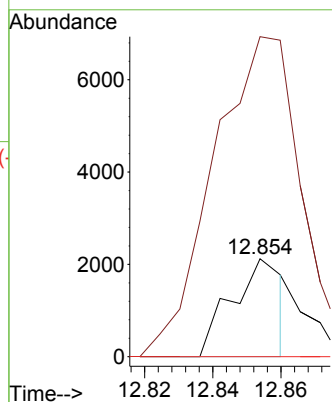
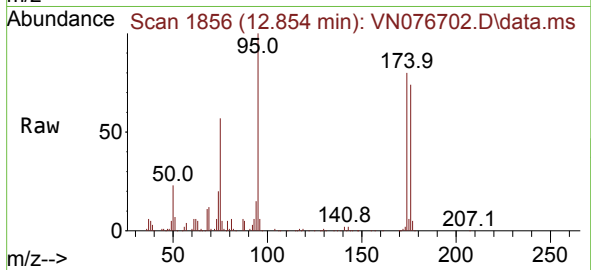




#71
Bromoform
Concen: 0.831 ug/l
RT: 12.854 min Scan# 1810
Delta R.T. 0.271 min
Lab File: VN076702.D
Acq: 16 Feb 2023 11:17

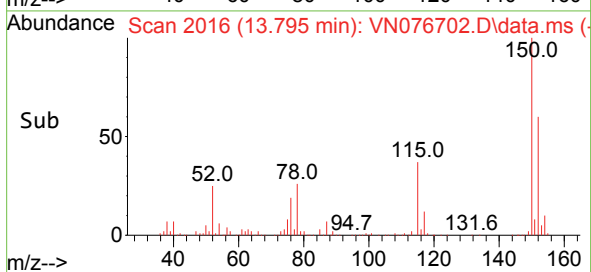
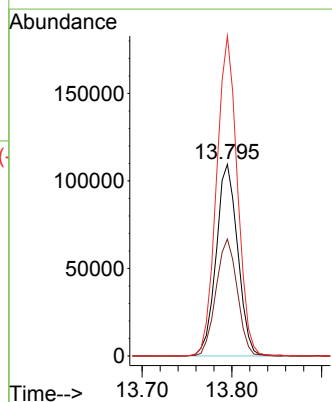
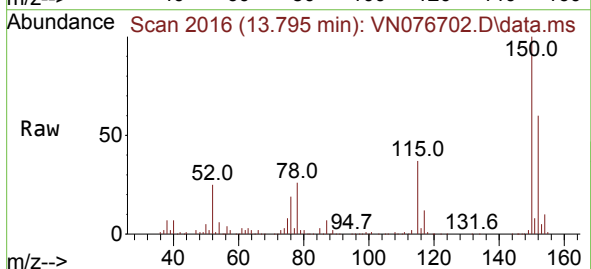
Instrument :
MSVOA_N
ClientSampleId :

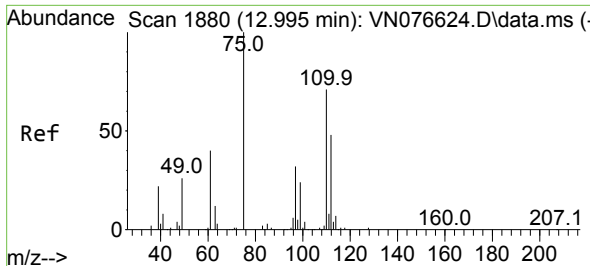
Tgt Ion:173 Resp: 2227
Ion Ratio Lower Upper
173 100
175 457.4 24.9 74.7#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076702.D
Acq: 16 Feb 2023 11:17

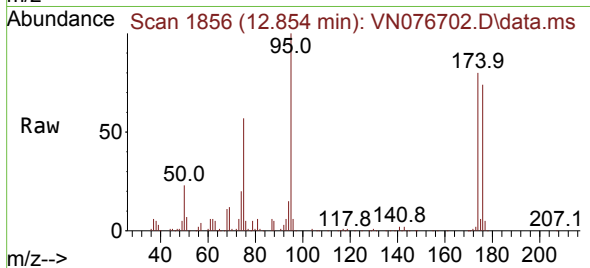
Tgt Ion:152 Resp: 182404
Ion Ratio Lower Upper
152 100
115 60.5 29.3 87.9
150 161.8 0.0 349.8



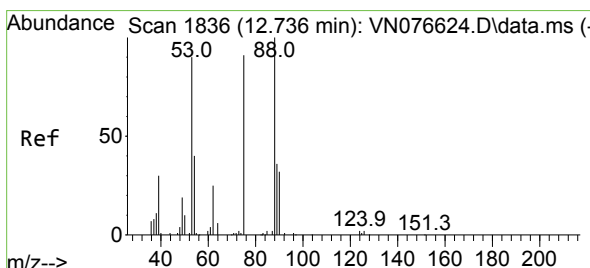
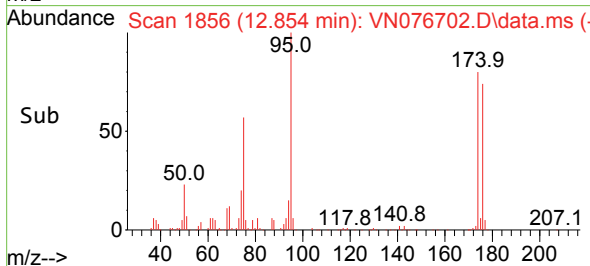
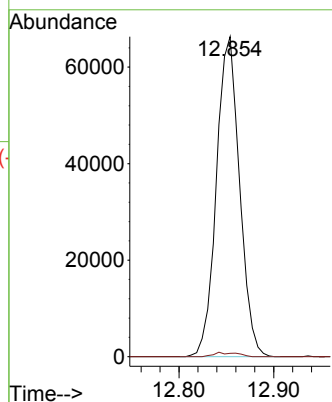


#76
1,2,3-Trichloropropane
Concen: 30.539 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN076702.D
Acq: 16 Feb 2023 11:17

Instrument :
MSVOA_N
ClientSampleId :

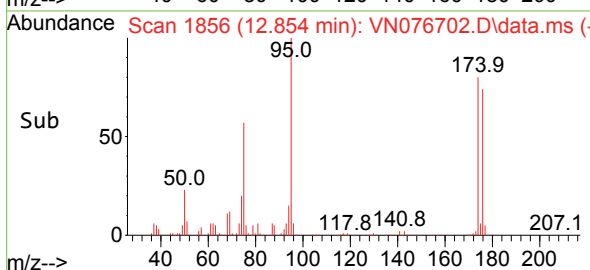
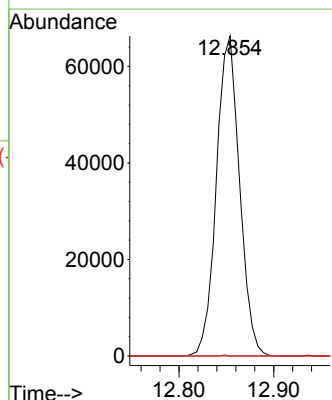
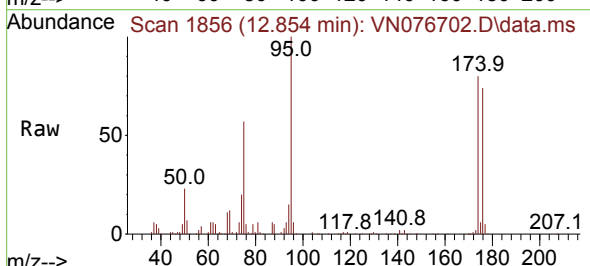


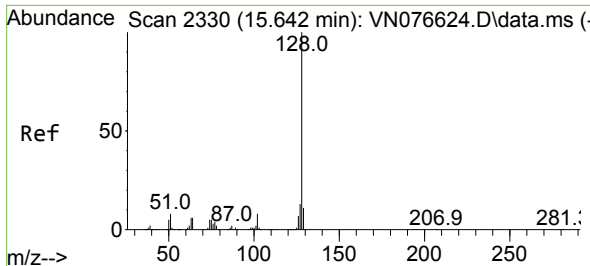
Tgt Ion: 75 Resp: 112620
Ion Ratio Lower Upper
75 100
77 1.3 93.1 279.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.948 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN076702.D
Acq: 16 Feb 2023 11:17

Tgt Ion: 75 Resp: 112620
Ion Ratio Lower Upper
75 100
53 0.1 92.1 138.1#
89 0.0 37.5 56.3#

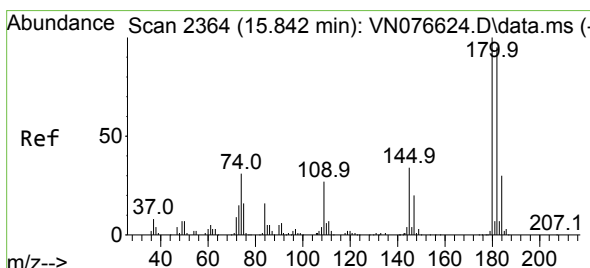
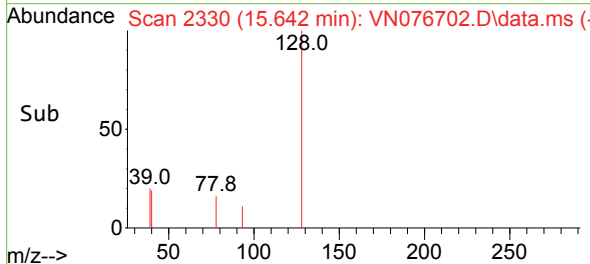
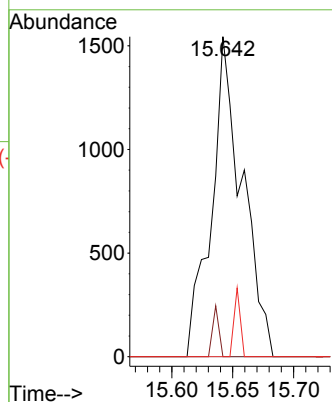
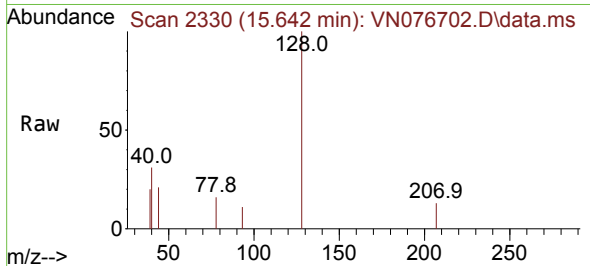




#95
Naphthalene
Concen: 0.278 ug/l
RT: 15.642 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076702.D
Acq: 16 Feb 2023 11:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 2725
Ion Ratio Lower Upper
128 100
127 3.2 10.6 16.0#
129 4.3 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.238 ug/l
RT: 15.848 min Scan# 2365
Delta R.T. 0.006 min
Lab File: VN076702.D
Acq: 16 Feb 2023 11:17

Tgt Ion:180 Resp: 745
Ion Ratio Lower Upper
180 100
182 97.7 46.7 140.1
145 14.5 16.0 47.9#

