

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011323\
 Data File : VN076252.D
 Acq On : 13 Jan 2023 16:39
 Operator : JC\MD
 Sample : N6245-01DL 4X
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 16 01:11:48 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

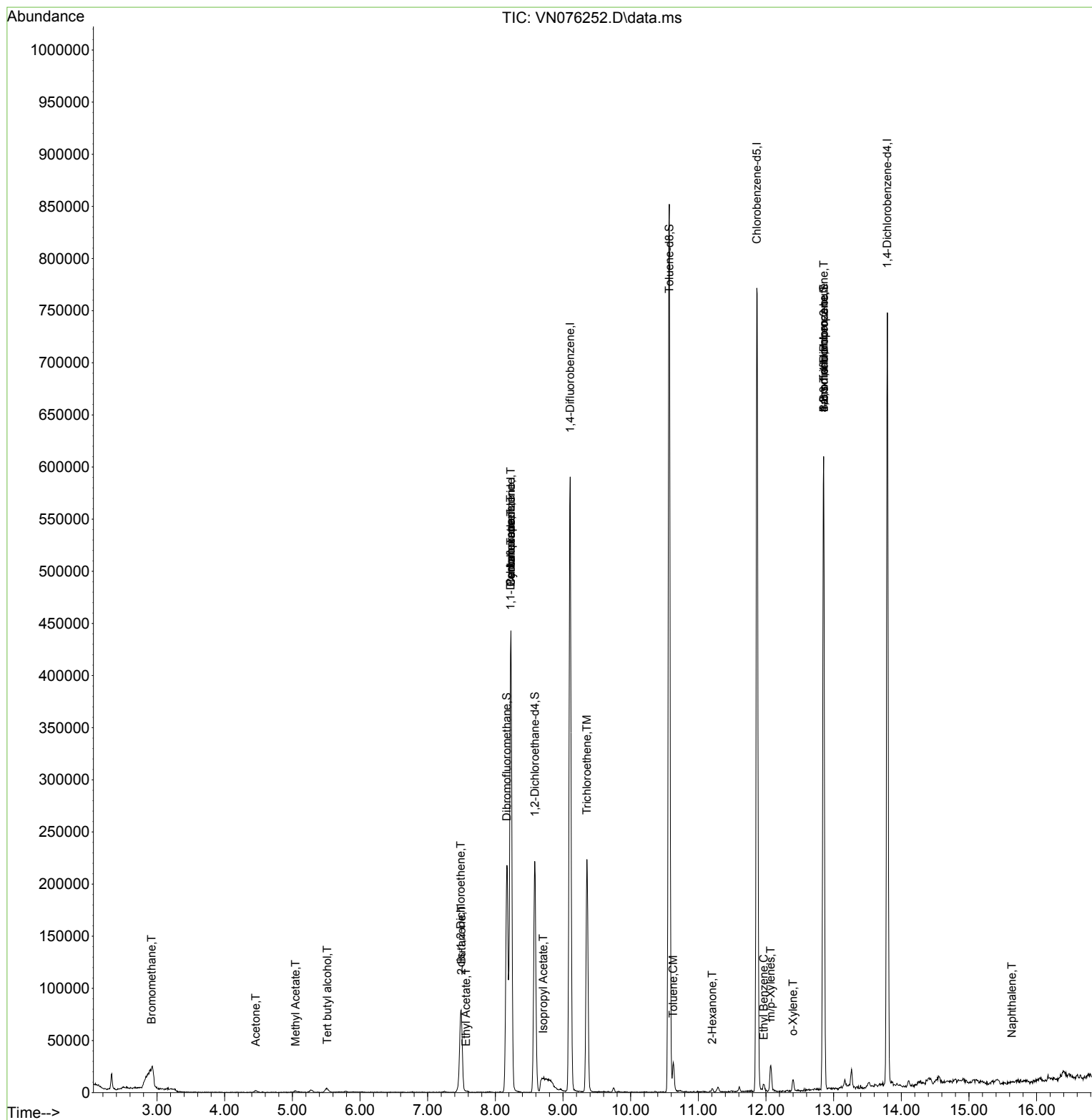
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	340285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	537553	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	472688	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	210244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	179664	48.532	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.060%
35) Dibromofluoromethane	8.171	113	159899	48.032	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.060%
50) Toluene-d8	10.571	98	620363	49.841	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.680%
62) 4-Bromofluorobenzene	12.853	95	203077	49.261	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.520%
Target Compounds						
					Qvalue	
5) Bromomethane	2.918	94	797	0.262	ug/l #	54
11) Tert butyl alcohol	5.518	59	3599	6.871	ug/l #	72
16) Acetone	4.459	43	2842	2.227	ug/l #	82
18) Methyl Acetate	5.047	43	2780	0.737	ug/l #	62
20) Methylene Chloride	5.271	84	1928	Below Cal	#	78
25) 2-Butanone	7.500	43	1398	0.782	ug/l #	83
27) cis-1,2-Dichloroethene	7.489	96	52320	13.245	ug/l	94
31) Cyclohexane	8.230	56	6949	1.311	ug/l #	21
36) 1,1-Dichloropropene	8.224	75	24639	5.572	ug/l #	49
37) Ethyl Acetate	7.565	43	2212	0.623	ug/l #	65
38) Carbon Tetrachloride	8.230	117	33905	6.850	ug/l #	14
43) Isopropyl Acetate	8.706	43	13196	2.252	ug/l #	53
44) Trichloroethene	9.353	130	83830	21.809	ug/l	99
52) Toluene	10.629	92	12131	1.365	ug/l	98
59) 2-Hexanone	11.206	43	996	0.385	ug/l #	48
67) Ethyl Benzene	11.965	91	6052	0.370	ug/l	89
68) m/p-Xylenes	12.071	106	8610	1.329	ug/l	99
69) o-Xylene	12.400	106	3560	0.555	ug/l	91
71) Bromoform	12.853	173	1277	0.488	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	107445	25.353	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	107445	91.257	ug/l #	12
95) Naphthalene	15.635	128	1054	2.266	ug/l #	26

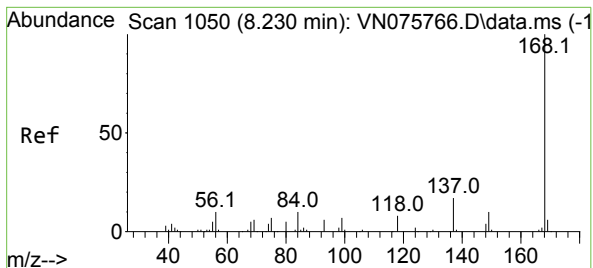
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
ClientSampleId :

Quant Time: Jan 16 01:11:48 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. -0.000 min

Lab File: VN076252.D

Acq: 13 Jan 2023 16:39

Instrument :

MSVOA_N

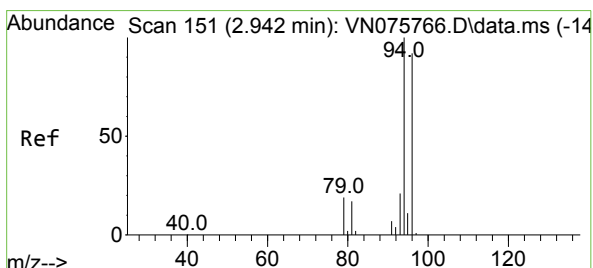
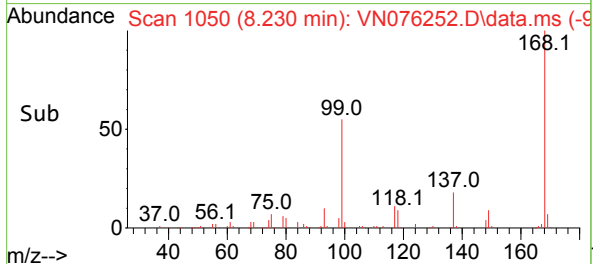
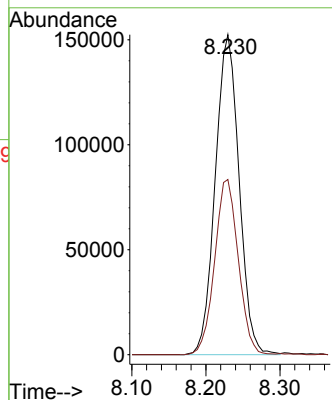
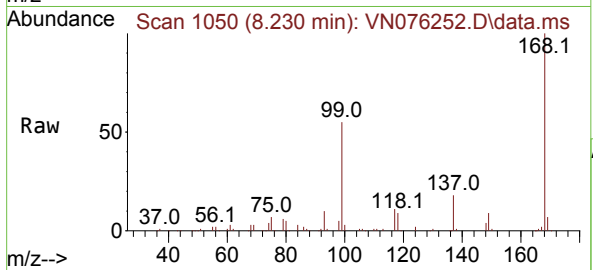
ClientSampleId :

Tgt Ion:168 Resp: 340285

Ion Ratio Lower Upper

168 100

99 54.7 44.2 66.4



#5

Bromomethane

Concen: 0.262 ug/l

RT: 2.918 min Scan# 147

Delta R.T. -0.024 min

Lab File: VN076252.D

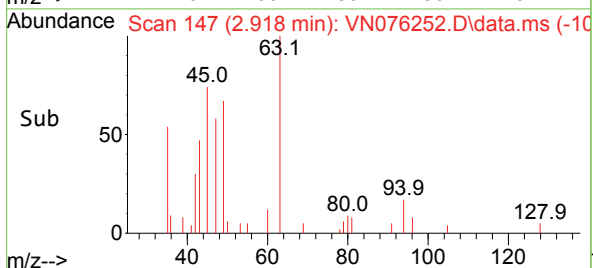
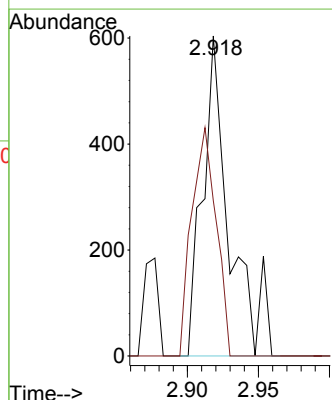
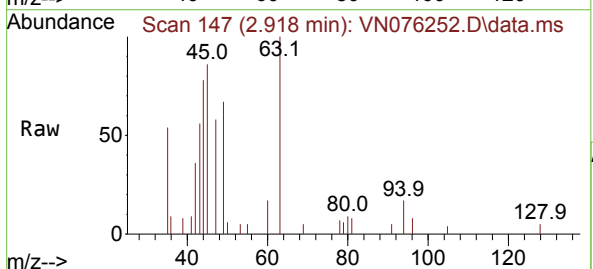
Acq: 13 Jan 2023 16:39

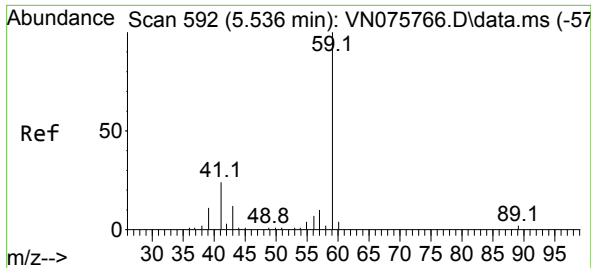
Tgt Ion: 94 Resp: 797

Ion Ratio Lower Upper

94 100

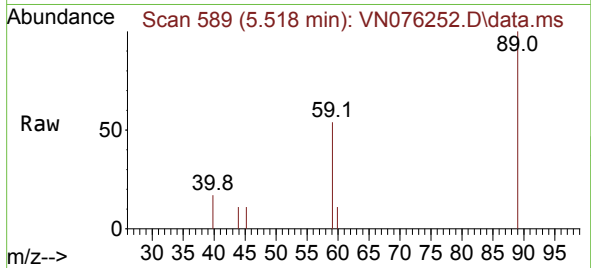
96 48.5 73.8 110.6#



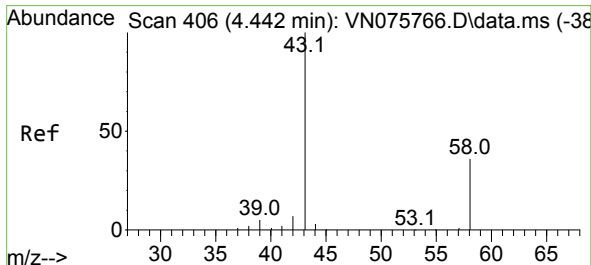
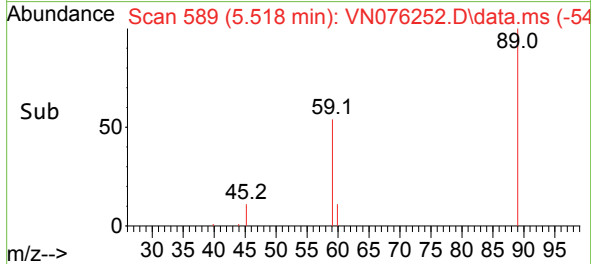
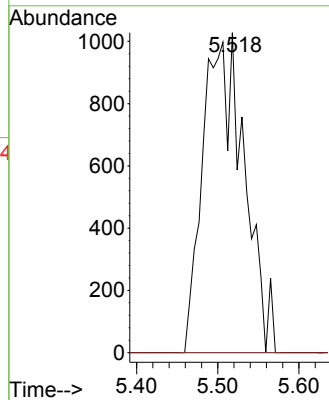


#11
Tert butyl alcohol
Concen: 6.871 ug/l
RT: 5.518 min Scan# 518
Delta R.T. -0.018 min
Lab File: VN076252.D
Acq: 13 Jan 2023 16:39

Instrument :
MSVOA_N
ClientSampleId :

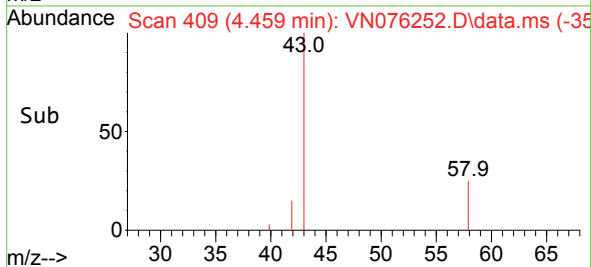
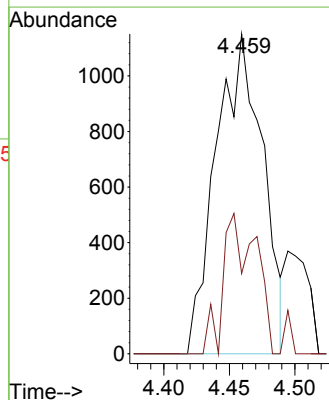
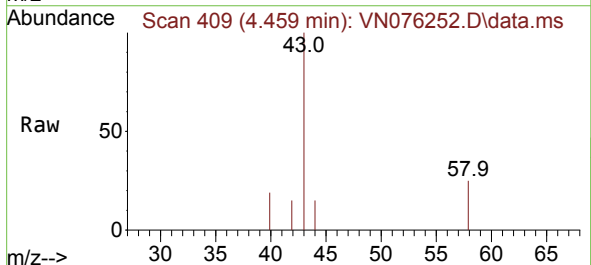


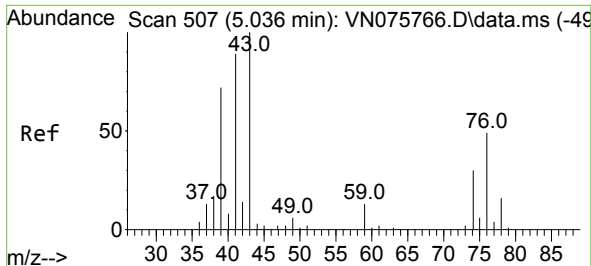
Tgt Ion: 59 Resp: 3599
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 2.227 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.018 min
Lab File: VN076252.D
Acq: 13 Jan 2023 16:39

Tgt Ion: 43 Resp: 2842
Ion Ratio Lower Upper
43 100
58 25.1 28.6 43.0#

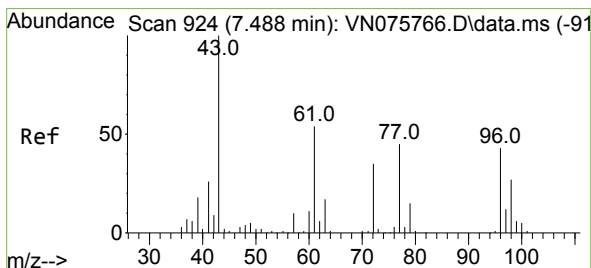
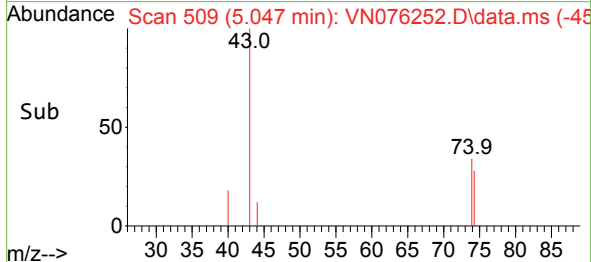
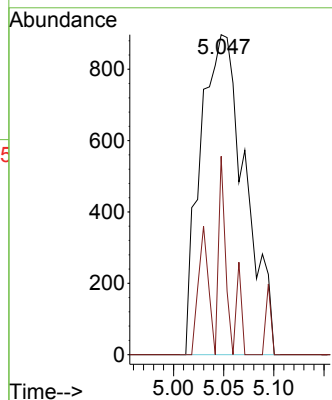
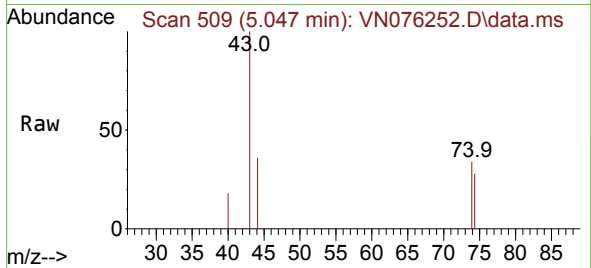




#18
Methyl Acetate
Concen: 0.737 ug/l
RT: 5.047 min Scan# 509
Delta R.T. 0.012 min
Lab File: VN076252.D
Acq: 13 Jan 2023 16:39

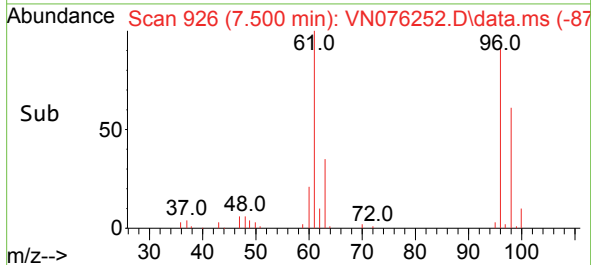
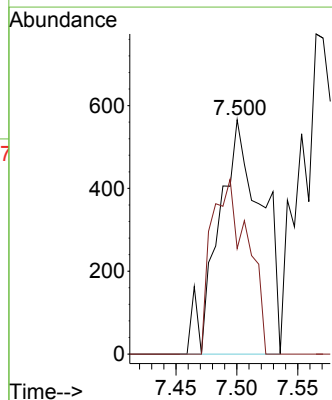
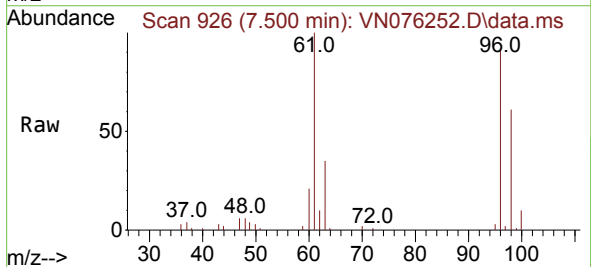
Instrument :
MSVOA_N
ClientSampleId :

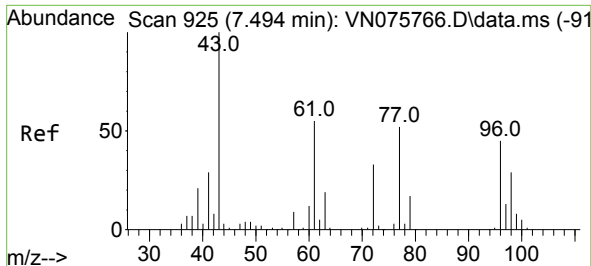
Tgt Ion: 43 Resp: 2780
Ion Ratio Lower Upper
43 100
74 9.3 23.6 35.4#



#25
2-Butanone
Concen: 0.782 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.012 min
Lab File: VN076252.D
Acq: 13 Jan 2023 16:39

Tgt Ion: 43 Resp: 1398
Ion Ratio Lower Upper
43 100
72 45.1 28.0 42.0#





#27

cis-1,2-Dichloroethene

Concen: 13.245 ug/l

RT: 7.489 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN076252.D

Acq: 13 Jan 2023 16:39

Instrument :

MSVOA_N

ClientSampleId :

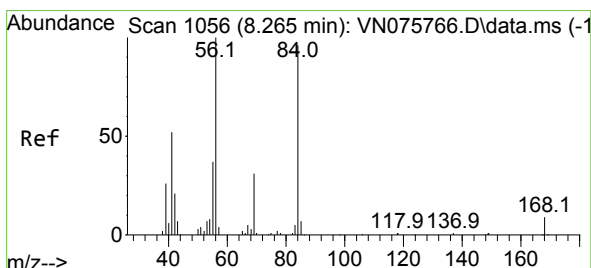
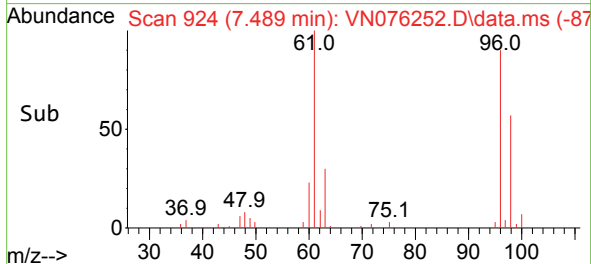
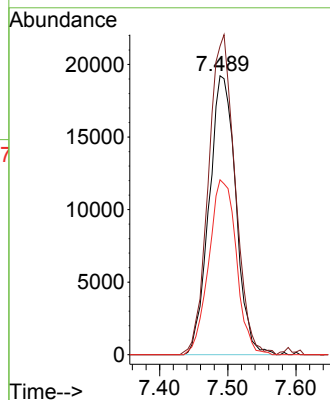
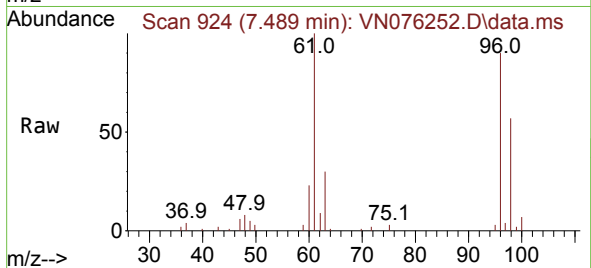
Tgt Ion: 96 Resp: 52320

Ion Ratio Lower Upper

96 100

61 114.6 0.0 247.8

98 64.7 0.0 128.4



#31

Cyclohexane

Concen: 1.311 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.035 min

Lab File: VN076252.D

Acq: 13 Jan 2023 16:39

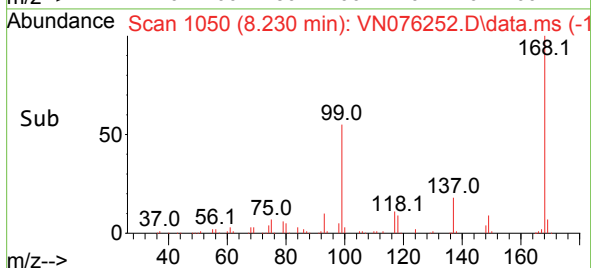
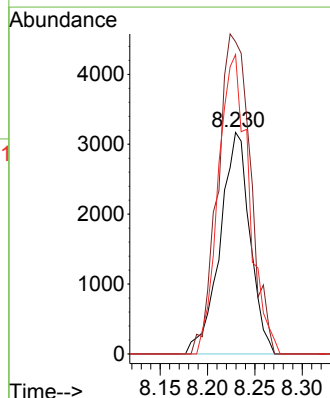
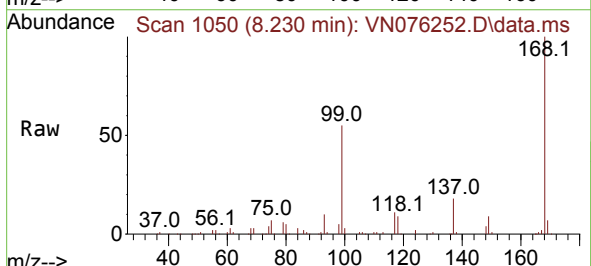
Tgt Ion: 56 Resp: 6949

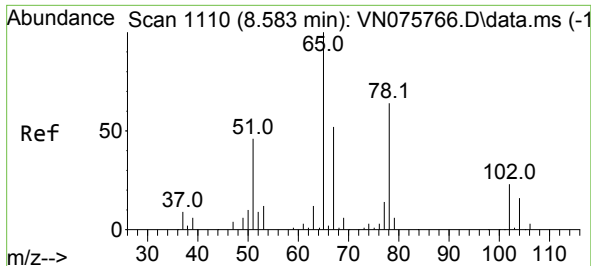
Ion Ratio Lower Upper

56 100

69 140.8 24.7 37.1#

84 135.0 76.5 114.7#

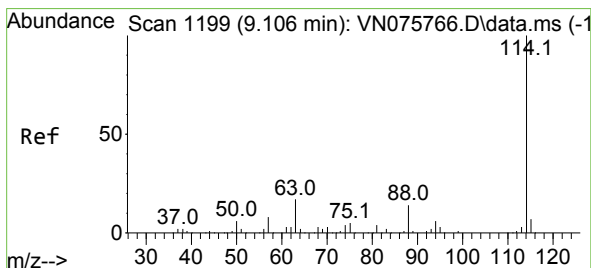
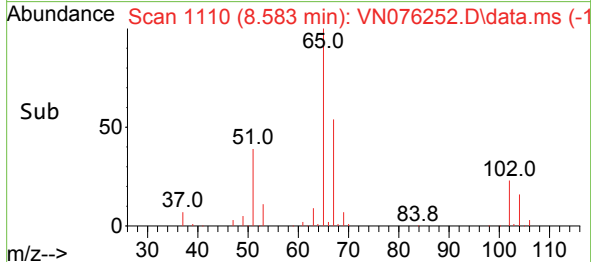
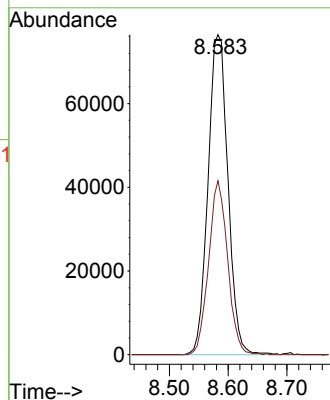
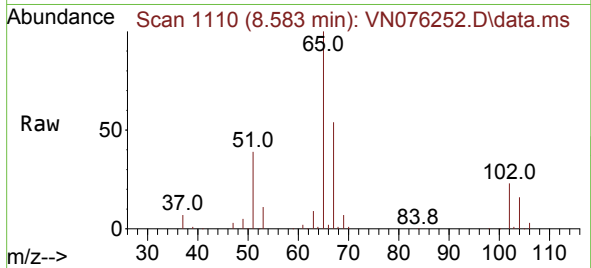




#33
 1,2-Dichloroethane-d4
 Concen: 48.532 ug/l
 RT: 8.583 min Scan# 1110
 Delta R.T. 0.000 min
 Lab File: VN076252.D
 Acq: 13 Jan 2023 16:39

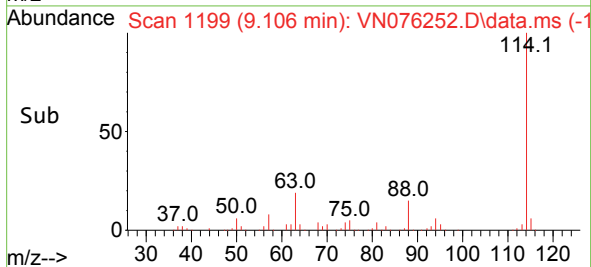
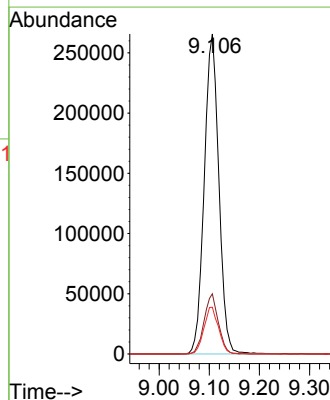
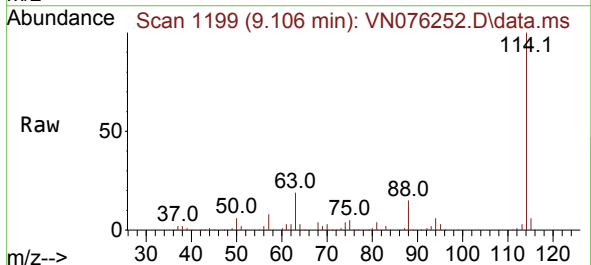
Instrument :
 MSVOA_N
 ClientSampleId :

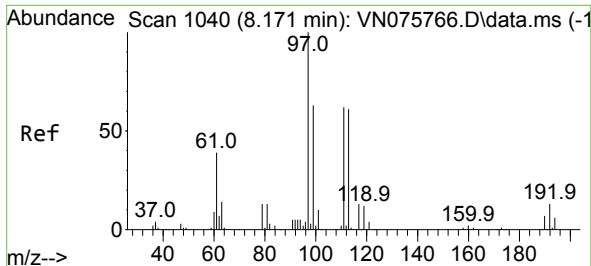
Tgt Ion: 65 Resp: 179664
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1199
 Delta R.T. 0.000 min
 Lab File: VN076252.D
 Acq: 13 Jan 2023 16:39

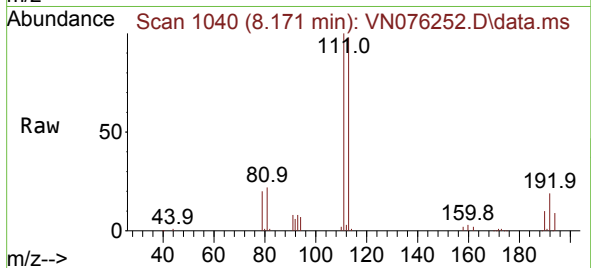
Tgt Ion:114 Resp: 537553
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 34.4
 88 14.6 0.0 28.8



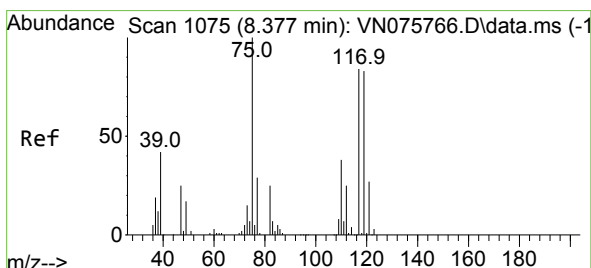
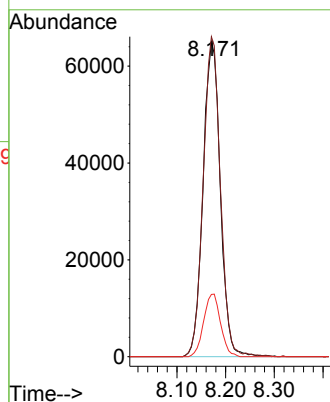
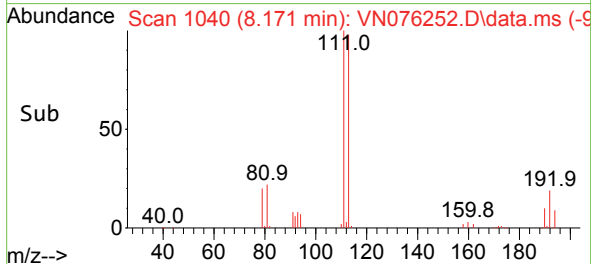


#35
Dibromofluoromethane
Concen: 48.032 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN076252.D
Acq: 13 Jan 2023 16:39

Instrument :
MSVOA_N
ClientSampleId :

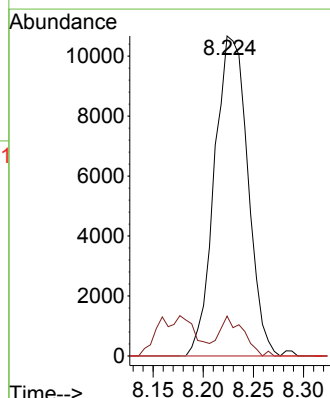
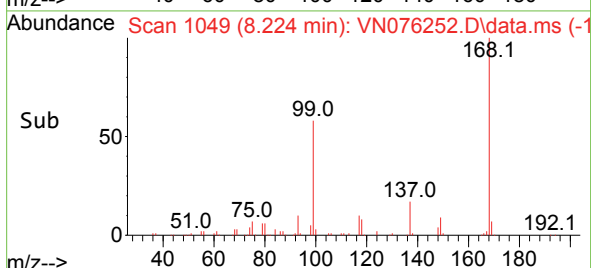
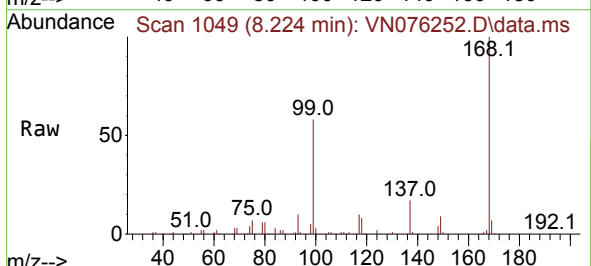


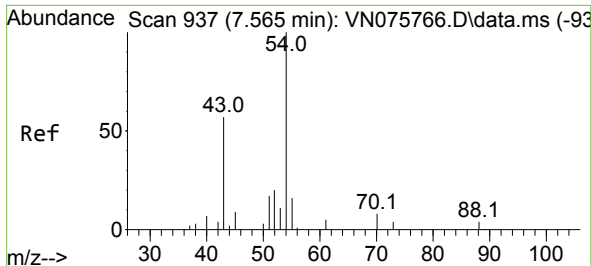
Tgt Ion:113 Resp: 159899
Ion Ratio Lower Upper
113 100
111 101.4 83.4 125.2
192 19.5 16.1 24.1



#36
1,1-Dichloropropene
Concen: 5.572 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.153 min
Lab File: VN076252.D
Acq: 13 Jan 2023 16:39

Tgt Ion: 75 Resp: 24639
Ion Ratio Lower Upper
75 100
110 9.1 18.8 56.4#
77 0.0 24.1 36.1#

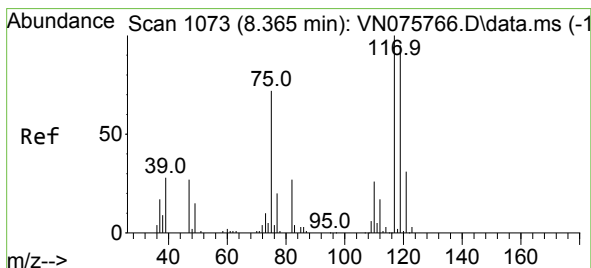
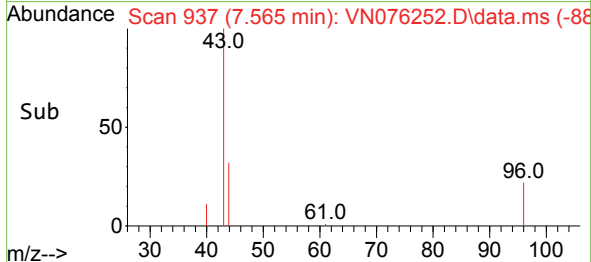
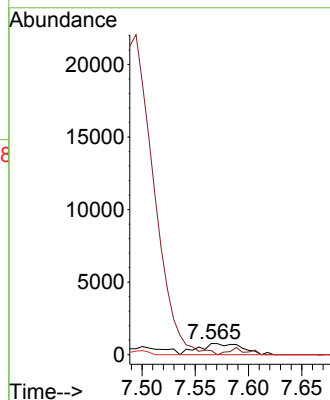
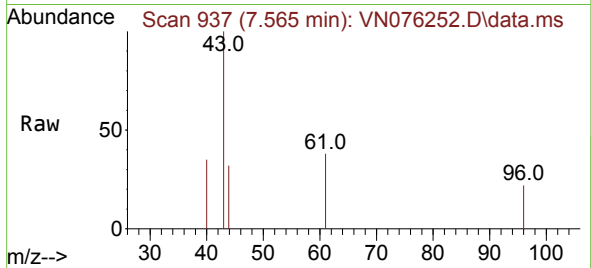




#37
Ethyl Acetate
Concen: 0.623 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076252.D
Acq: 13 Jan 2023 16:39

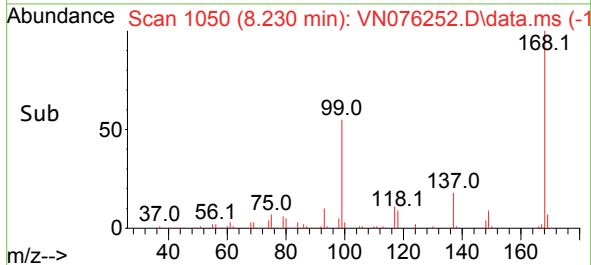
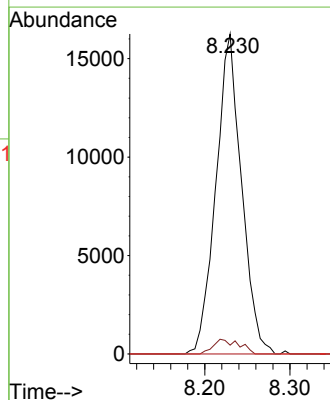
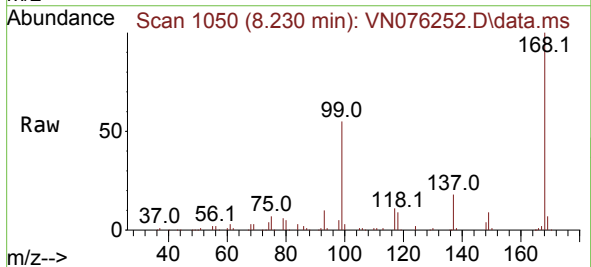
Instrument :
MSVOA_N
ClientSampleId :

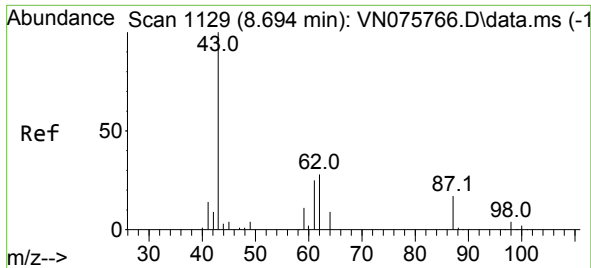
Tgt Ion: 43 Resp: 2212
Ion Ratio Lower Upper
43 100
61 0.0 13.0 19.4#
70 0.0 9.4 14.0#



#38
Carbon Tetrachloride
Concen: 6.850 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN076252.D
Acq: 13 Jan 2023 16:39

Tgt Ion: 117 Resp: 33905
Ion Ratio Lower Upper
117 100
119 2.7 76.1 114.1#
121 0.0 24.5 36.7#

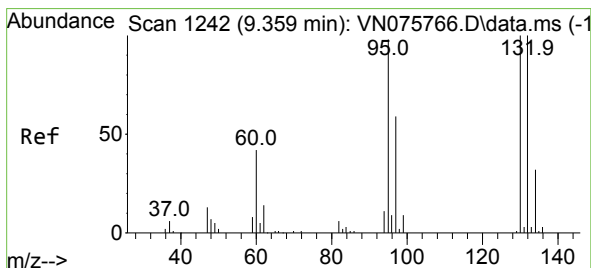
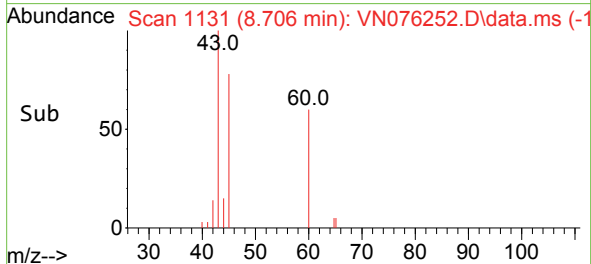
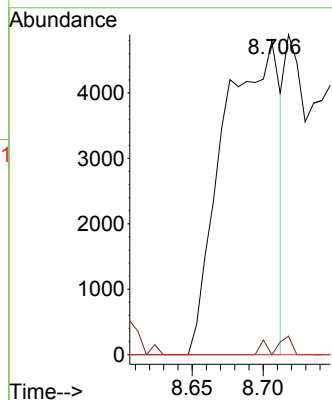
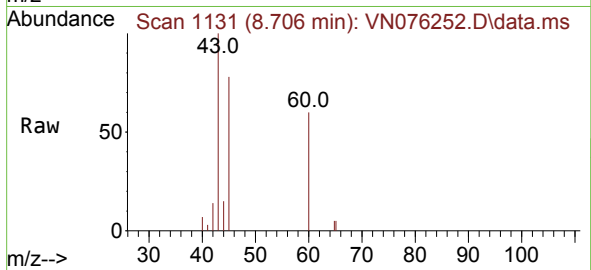




#43
Isopropyl Acetate
Concen: 2.252 ug/l
RT: 8.706 min Scan# 1129
Delta R.T. 0.012 min
Lab File: VN076252.D
Acq: 13 Jan 2023 16:39

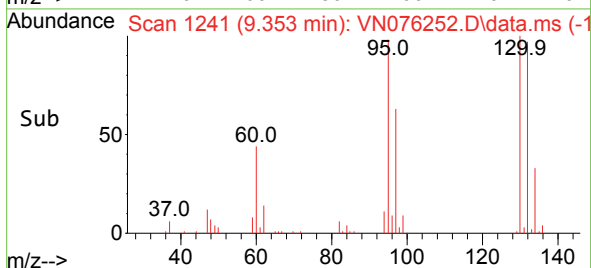
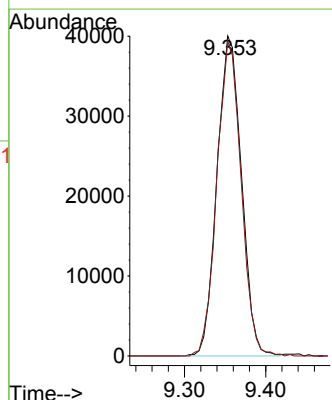
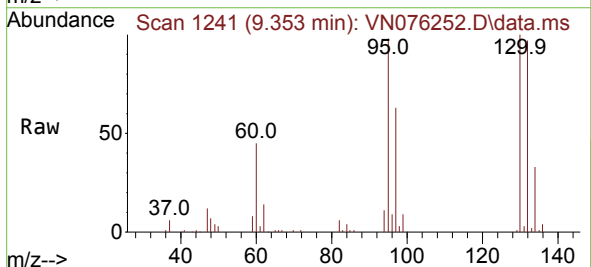
Instrument :
MSVOA_N
ClientSampleId :

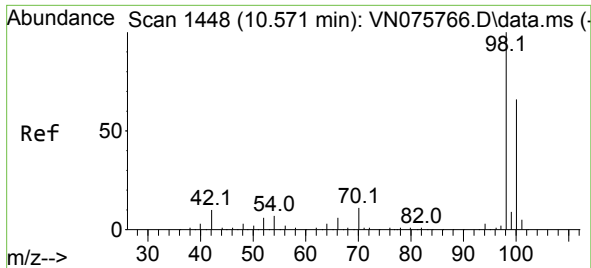
Tgt Ion: 43 Resp: 13196
Ion Ratio Lower Upper
43 100
61 1.9 24.2 36.4#
87 0.0 13.3 19.9#



#44
Trichloroethene
Concen: 21.809 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN076252.D
Acq: 13 Jan 2023 16:39

Tgt Ion:130 Resp: 83830
Ion Ratio Lower Upper
130 100
95 98.4 0.0 195.4

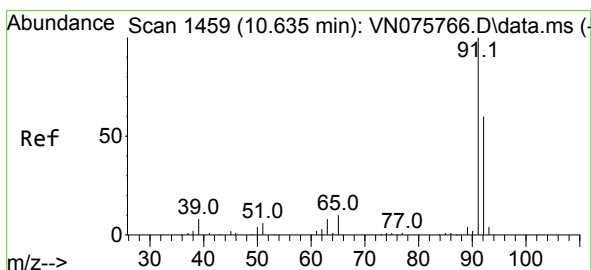
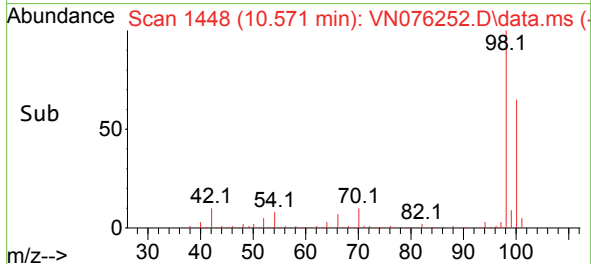
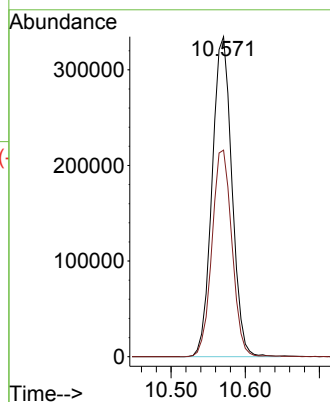
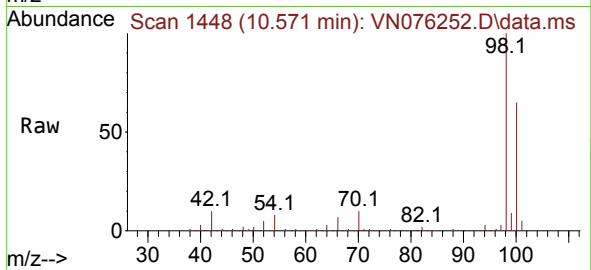




#50
Toluene-d8
Concen: 49.841 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076252.D
Acq: 13 Jan 2023 16:39

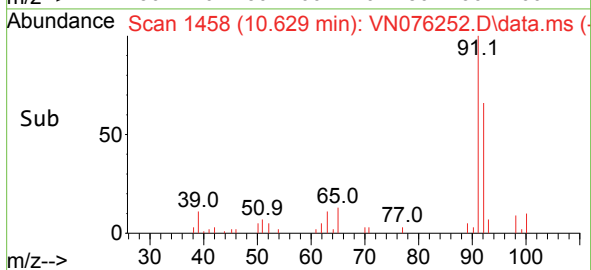
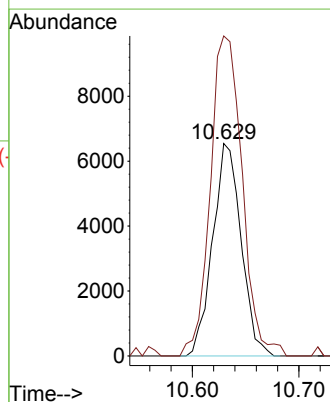
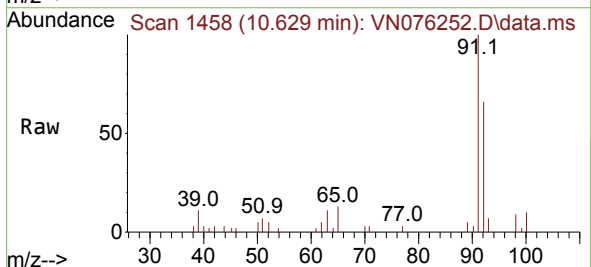
Instrument :
MSVOA_N
ClientSampleId :

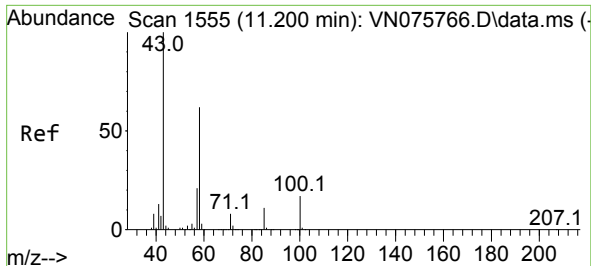
Tgt Ion: 98 Resp: 620363
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1



#52
Toluene
Concen: 1.365 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN076252.D
Acq: 13 Jan 2023 16:39

Tgt Ion: 92 Resp: 12131
Ion Ratio Lower Upper
92 100
91 168.9 137.3 205.9

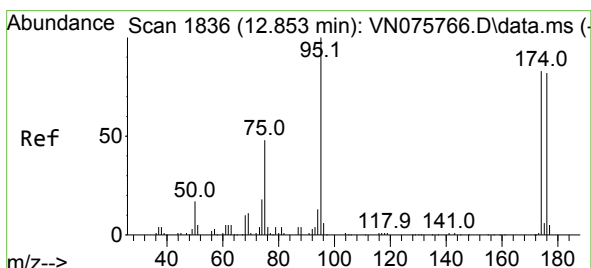
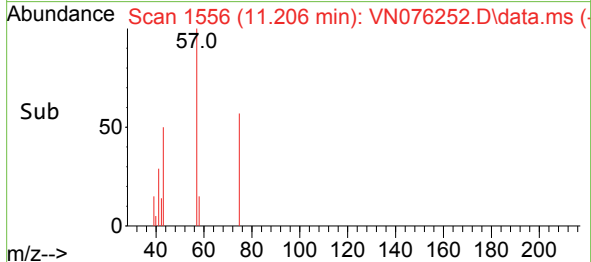
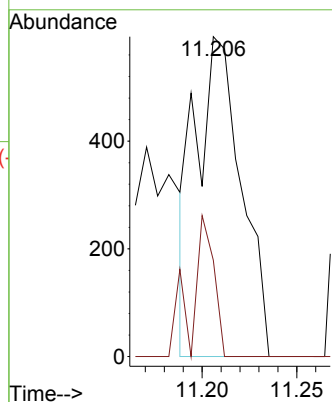
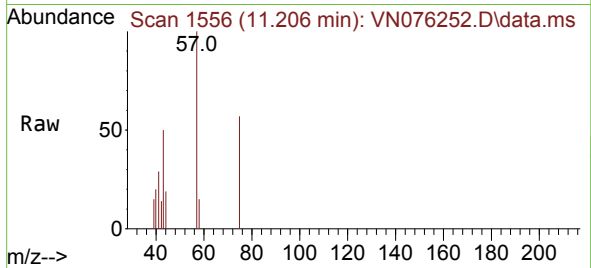




#59
2-Hexanone
Concen: 0.385 ug/l
RT: 11.206 min Scan# 1155
Delta R.T. 0.006 min
Lab File: VN076252.D
Acq: 13 Jan 2023 16:39

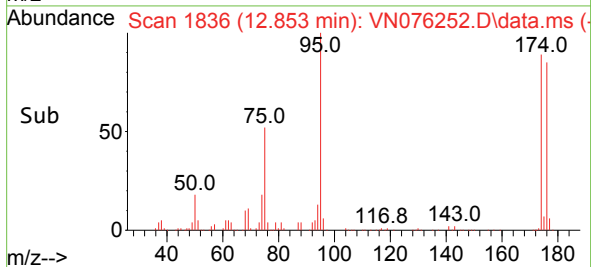
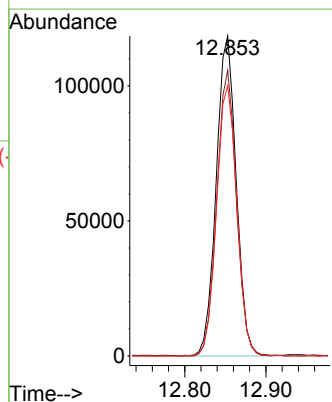
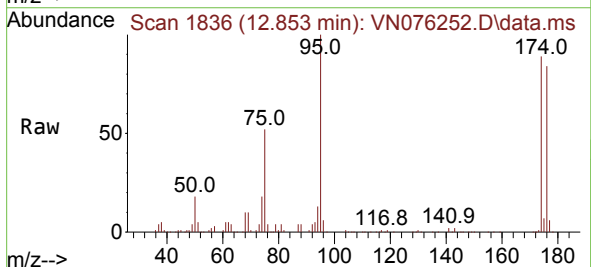
Instrument :
MSVOA_N
ClientSampleId :

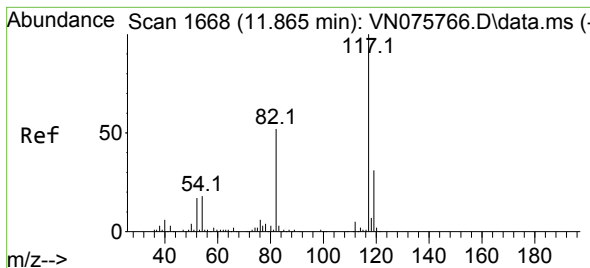
Tgt Ion: 43 Resp: 996
Ion Ratio Lower Upper
43 100
58 21.4 30.6 92.0#



#62
4-Bromofluorobenzene
Concen: 49.261 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076252.D
Acq: 13 Jan 2023 16:39

Tgt Ion: 95 Resp: 203077
Ion Ratio Lower Upper
95 100
174 87.7 0.0 171.6
176 85.3 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076252.D

Acq: 13 Jan 2023 16:39

Instrument :

MSVOA_N

ClientSampleId :

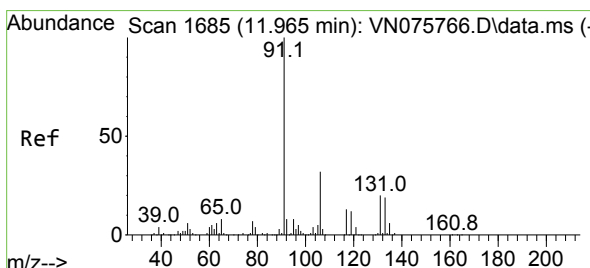
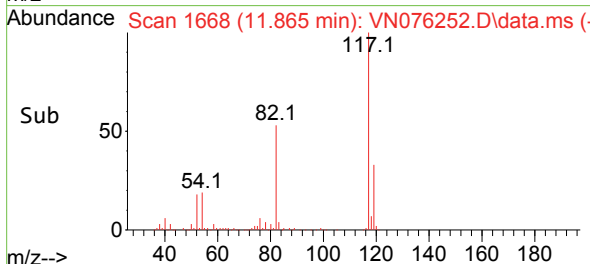
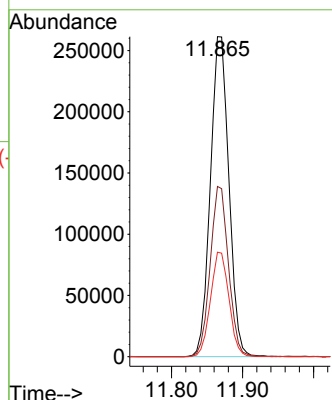
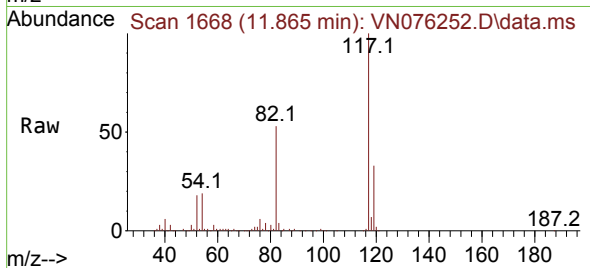
Tgt Ion:117 Resp: 472688

Ion Ratio Lower Upper

117 100

82 53.2 41.3 61.9

119 32.7 24.6 37.0



#67

Ethyl Benzene

Concen: 0.370 ug/l

RT: 11.965 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VN076252.D

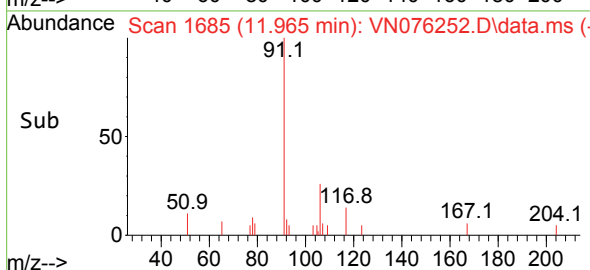
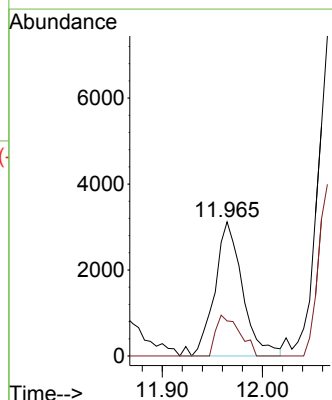
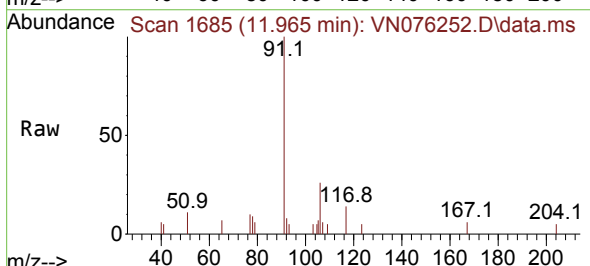
Acq: 13 Jan 2023 16:39

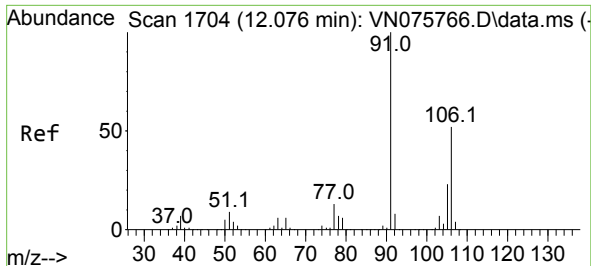
Tgt Ion: 91 Resp: 6052

Ion Ratio Lower Upper

91 100

106 26.2 25.7 38.5

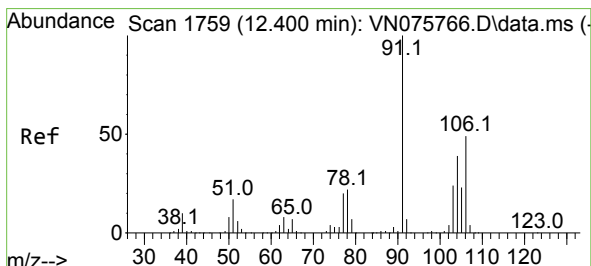
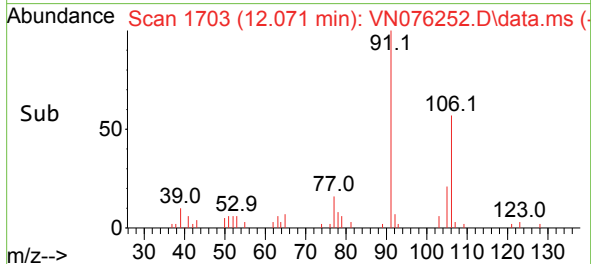
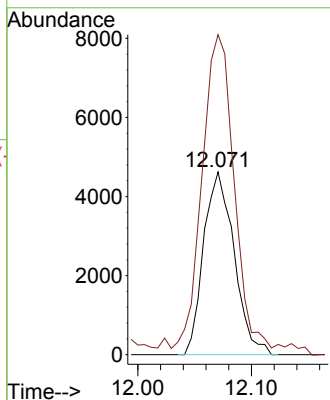
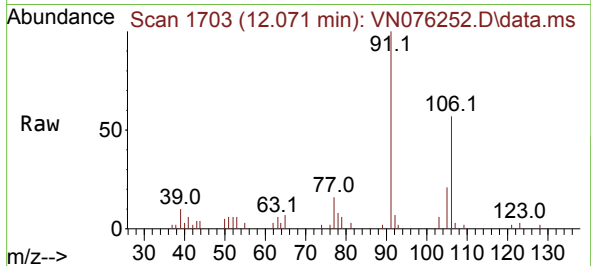




#68
m/p-Xylenes
Concen: 1.329 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076252.D
Acq: 13 Jan 2023 16:39

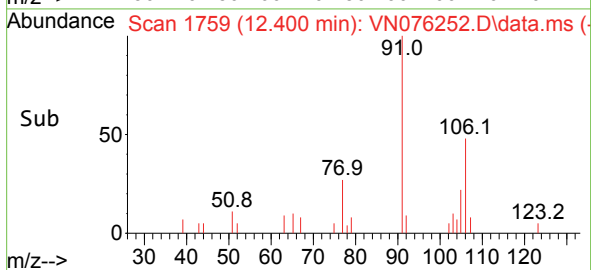
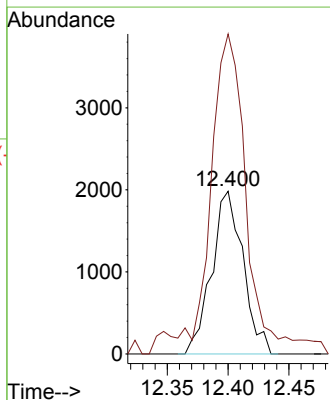
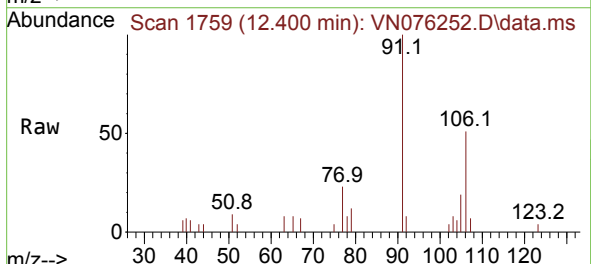
Instrument :
MSVOA_N
ClientSampleId :

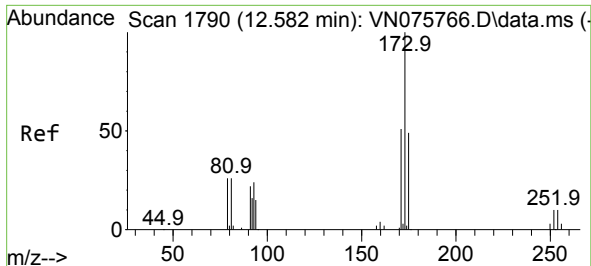
Tgt Ion:106 Resp: 8610
Ion Ratio Lower Upper
106 100
91 193.8 156.6 235.0



#69
o-Xylene
Concen: 0.555 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN076252.D
Acq: 13 Jan 2023 16:39

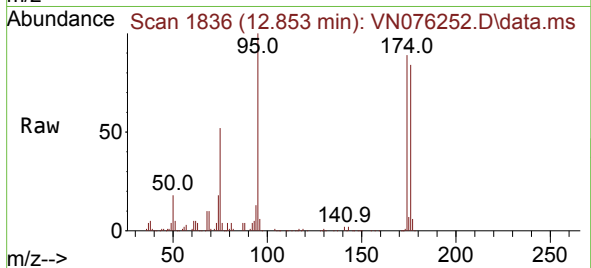
Tgt Ion:106 Resp: 3560
Ion Ratio Lower Upper
106 100
91 221.2 103.8 311.6



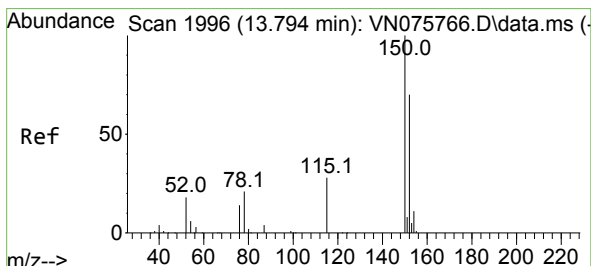
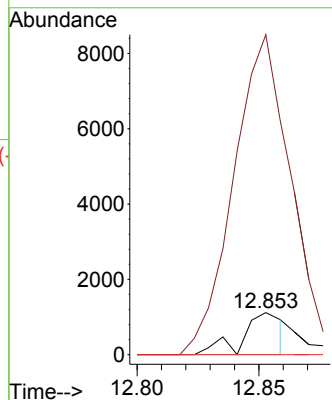
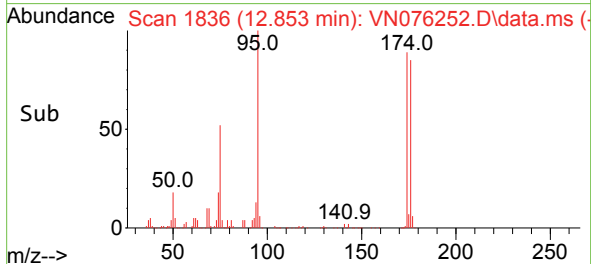


#71
Bromoform
Concen: 0.488 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN076252.D
Acq: 13 Jan 2023 16:39

Instrument :
MSVOA_N
ClientSampleId :

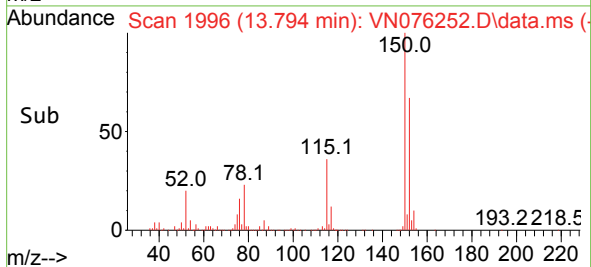
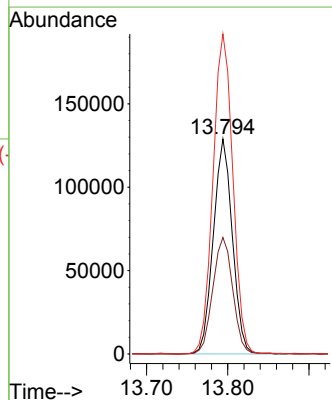
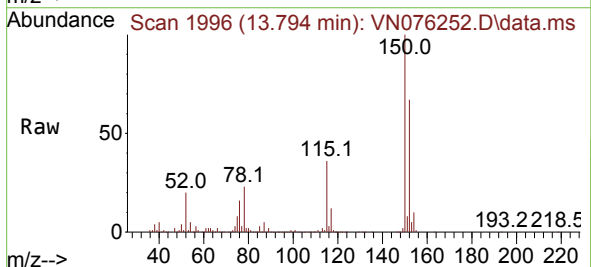


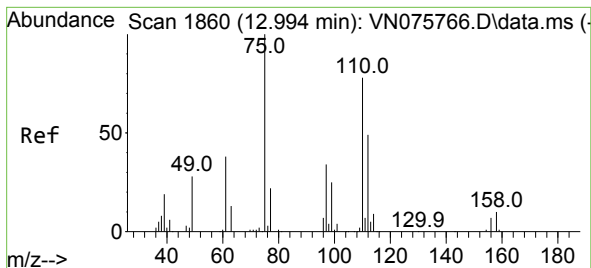
Tgt Ion:173 Resp: 1277
Ion Ratio Lower Upper
173 100
175 886.4 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076252.D
Acq: 13 Jan 2023 16:39

Tgt Ion:152 Resp: 210244
Ion Ratio Lower Upper
152 100
115 56.8 29.1 87.4
150 155.4 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 25.353 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN076252.D

Acq: 13 Jan 2023 16:39

Instrument :

MSVOA_N

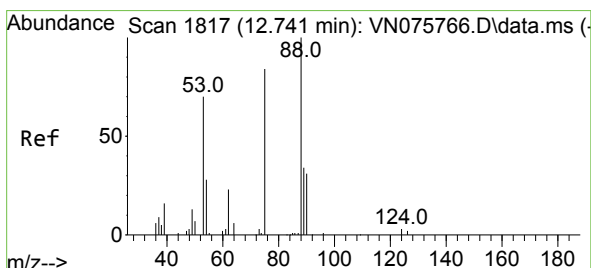
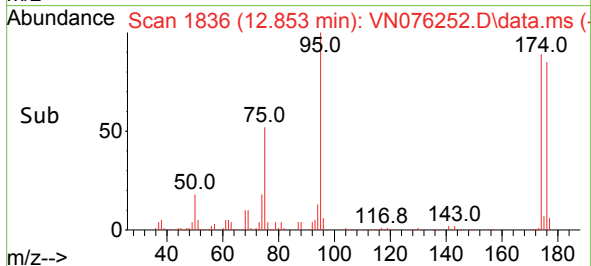
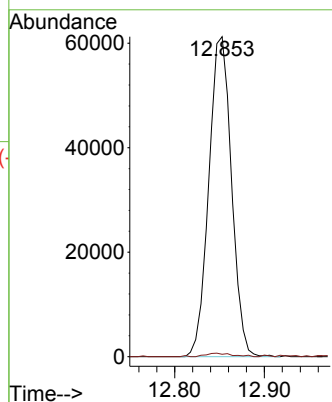
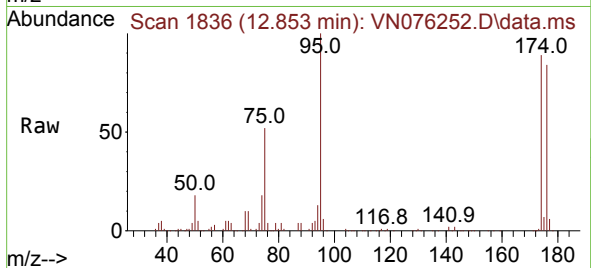
ClientSampleId :

Tgt Ion: 75 Resp: 107445

Ion Ratio Lower Upper

75 100

77 1.3 82.6 247.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 91.257 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.112 min

Lab File: VN076252.D

Acq: 13 Jan 2023 16:39

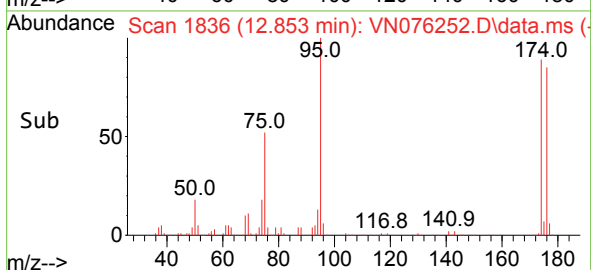
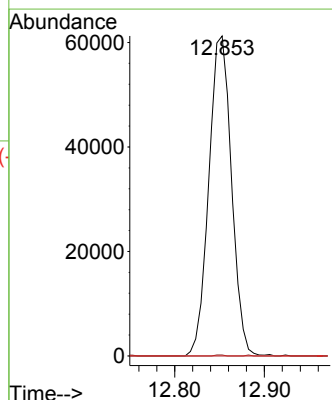
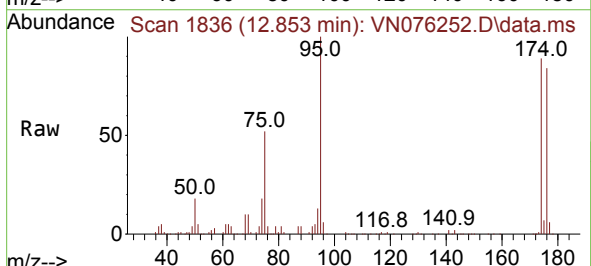
Tgt Ion: 75 Resp: 107445

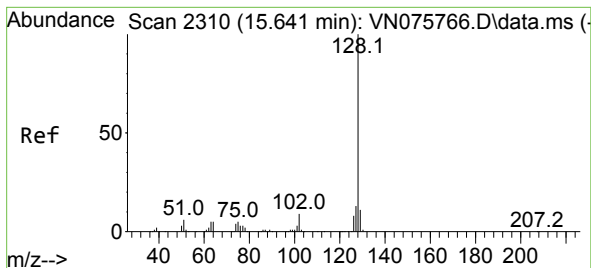
Ion Ratio Lower Upper

75 100

53 0.1 73.8 110.6#

89 0.0 39.5 59.3#





#95

Naphthalene

Concen: 2.266 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.006 min

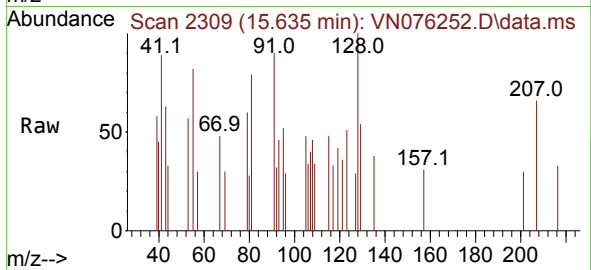
Lab File: VN076252.D

Acq: 13 Jan 2023 16:39

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:128 Resp: 1054

Ion Ratio Lower Upper

128 100

127 5.5 10.4 15.6#

129 63.9 8.7 13.1#

