

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011823\
 Data File : VN076302.D
 Acq On : 18 Jan 2023 18:18
 Operator : JC\MD
 Sample : 01190-08
 Misc : 5.06g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PE-7

Quant Time: Jan 19 00:53:27 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)

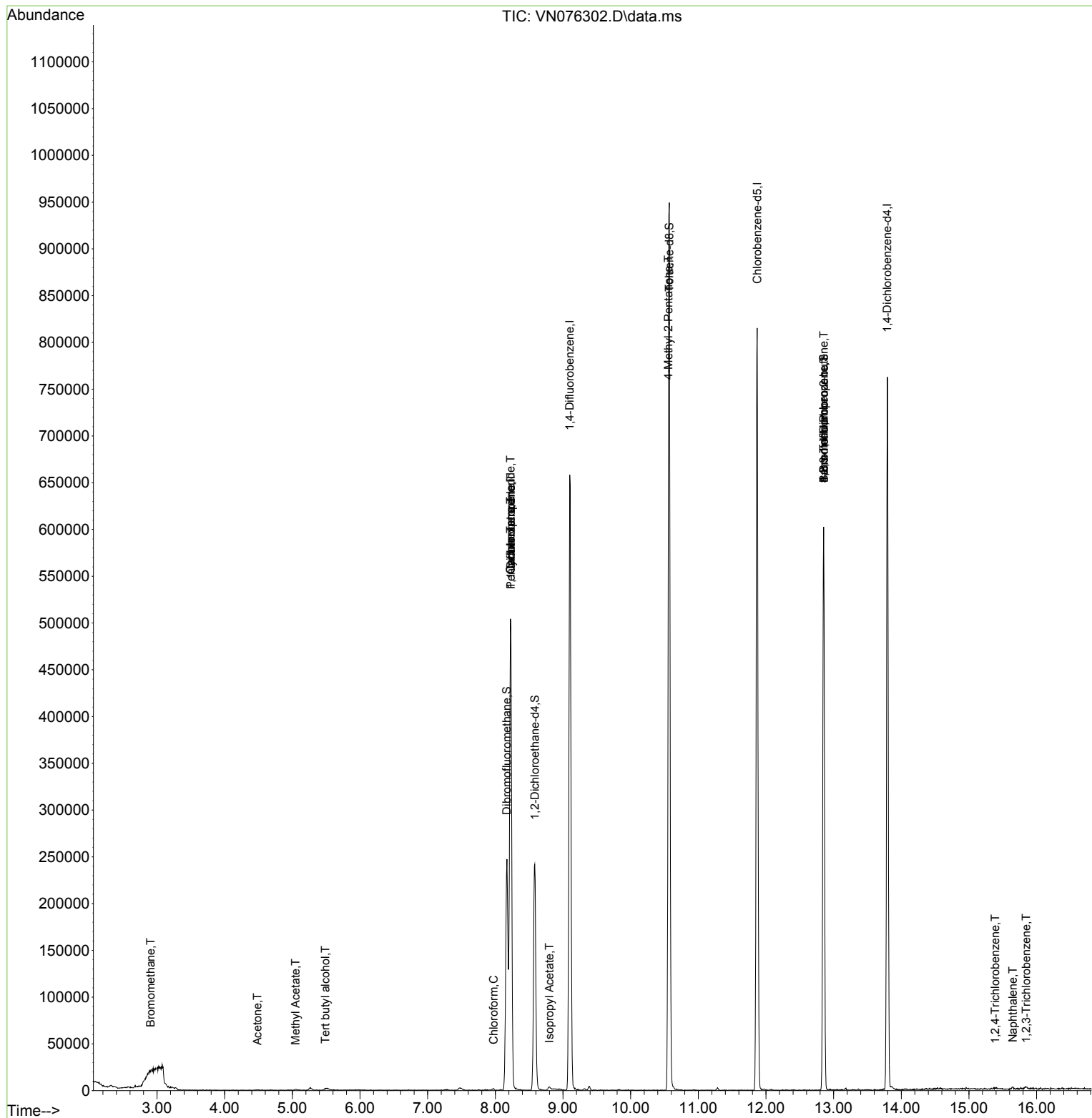
Internal Standards						
1) Pentafluorobenzene	8.230	168	394683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	609544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	501002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	212544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	200649	45.404	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.800%
35) Dibromofluoromethane	8.171	113	176277	46.231	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.460%
50) Toluene-d8	10.571	98	681163	48.372	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.740%
62) 4-Bromofluorobenzene	12.853	95	202941	44.146	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.300%
Target Compounds						
					Qvalue	
5) Bromomethane	2.906	94	1176	0.280	ug/l #	47
11) Tert butyl alcohol	5.489	59	1775	3.003	ug/l #	72
16) Acetone	4.483	43	655	0.389	ug/l #	41
18) Methyl Acetate	5.047	43	1835	0.382	ug/l #	75
20) Methylene Chloride	5.259	84	2167	Below Cal		91
30) Chloroform	7.977	83	1697	0.221	ug/l	96
31) Cyclohexane	8.224	56	7808	1.150	ug/l #	46
36) 1,1-Dichloropropene	8.230	75	27713	5.115	ug/l #	50
38) Carbon Tetrachloride	8.224	117	39013	6.457	ug/l #	15
43) Isopropyl Acetate	8.800	43	2703	0.382	ug/l #	51
51) 4-Methyl-2-Pentanone	10.559	43	2779	0.670	ug/l #	1
71) Bromoform	12.853	173	1090	0.383	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	106769	27.141	ug/l #	1
77) Bromobenzene	12.994	156	53	Below Cal	#	28
81) trans-1,4-Dichloro-2-b...	12.853	75	106769	83.581	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.388	180	177	1.351	ug/l #	65
95) Naphthalene	15.647	128	2214	2.032	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.847	180	55	1.169	ug/l #	1

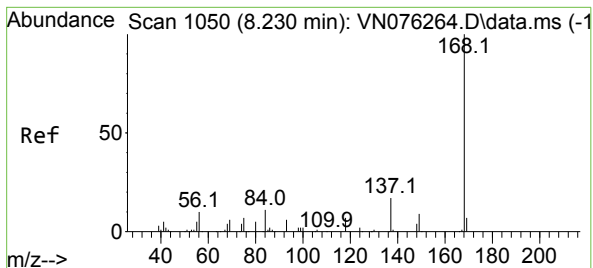
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011823\
Data File : VN076302.D
Acq On : 18 Jan 2023 18:18
Operator : JC\MD
Sample : 01190-08
Misc : 5.06g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PE-7

Quant Time: Jan 19 00:53:27 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

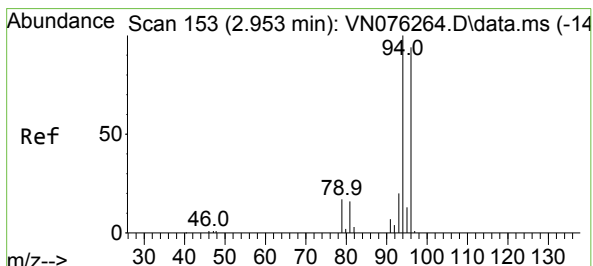
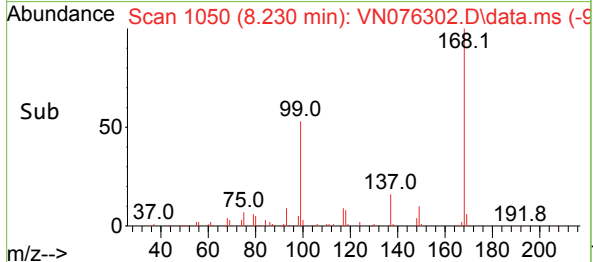
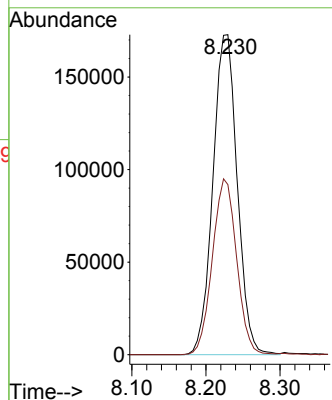
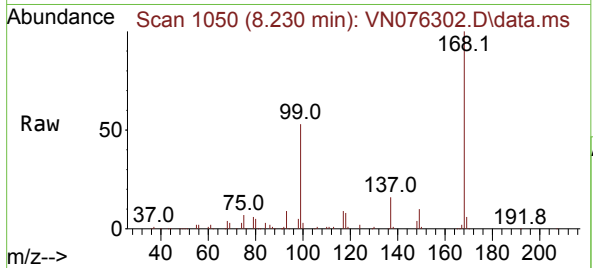




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076302.D
Acq: 18 Jan 2023 18:18

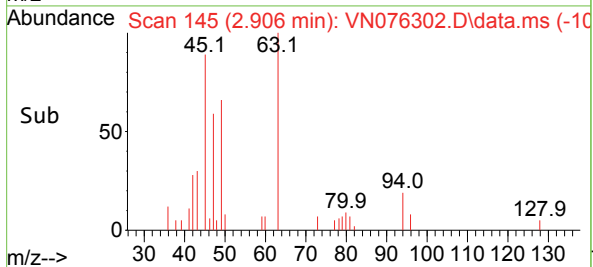
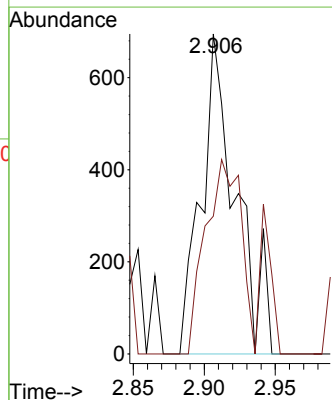
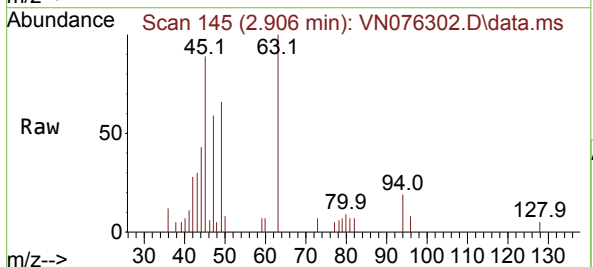
Instrument :
MSVOA_N
ClientSampleId :
PE-7

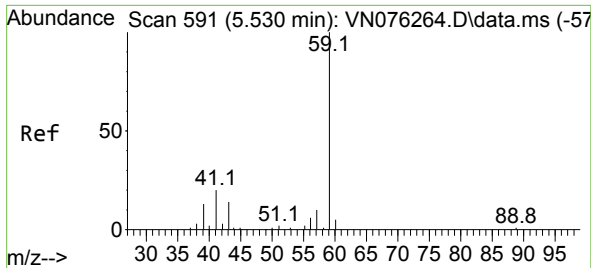
Tgt Ion:168 Resp: 394683
Ion Ratio Lower Upper
168 100
99 53.1 41.6 62.4



#5
Bromomethane
Concen: 0.280 ug/l
RT: 2.906 min Scan# 145
Delta R.T. -0.047 min
Lab File: VN076302.D
Acq: 18 Jan 2023 18:18

Tgt Ion: 94 Resp: 1176
Ion Ratio Lower Upper
94 100
96 43.0 75.1 112.7#

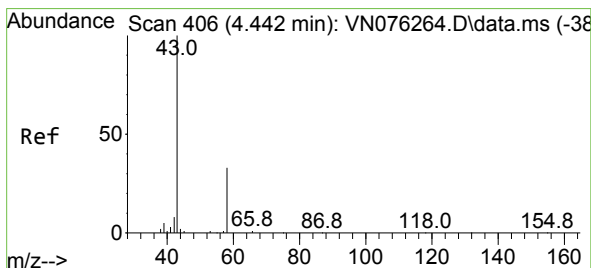
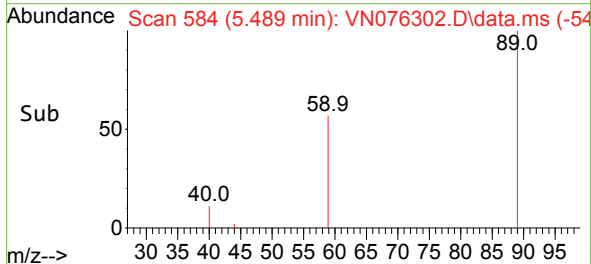
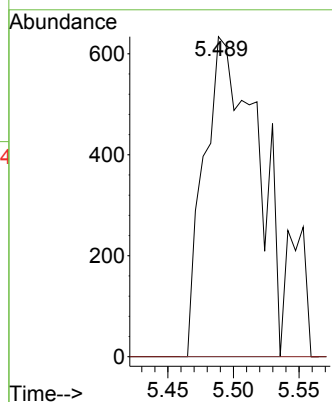
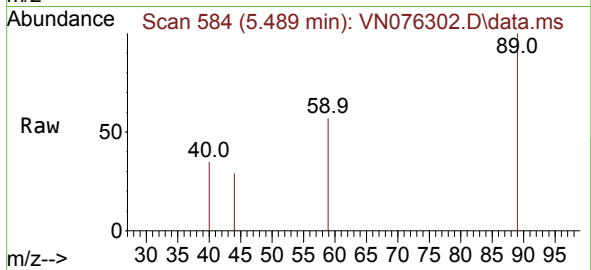




#11
Tert butyl alcohol
Concen: 3.003 ug/l
RT: 5.489 min Scan# 51
Delta R.T. -0.041 min
Lab File: VN076302.D
Acq: 18 Jan 2023 18:18

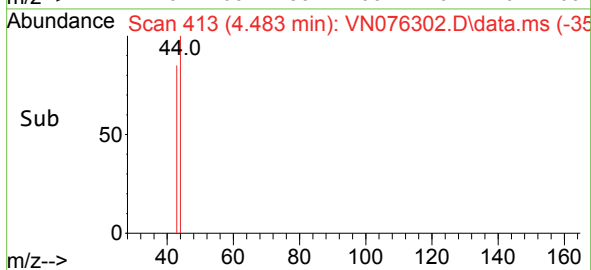
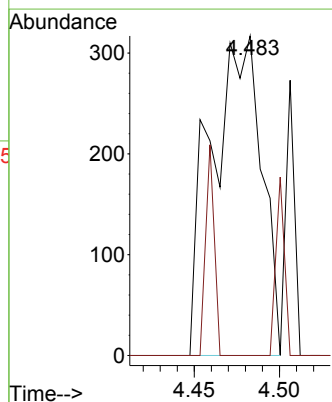
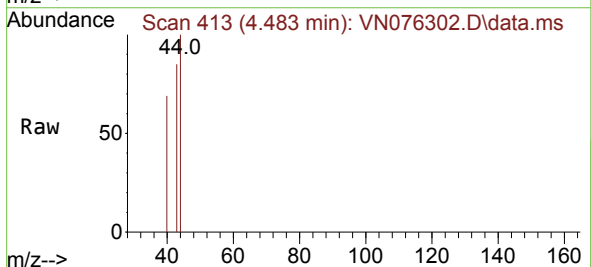
Instrument :
MSVOA_N
ClientSampleId :
PE-7

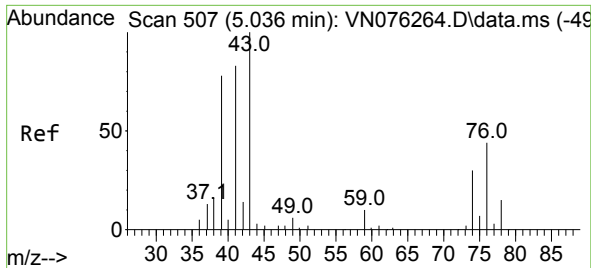
Tgt Ion: 59 Resp: 1775
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: 0.389 ug/l
RT: 4.483 min Scan# 413
Delta R.T. 0.041 min
Lab File: VN076302.D
Acq: 18 Jan 2023 18:18

Tgt Ion: 43 Resp: 655
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#

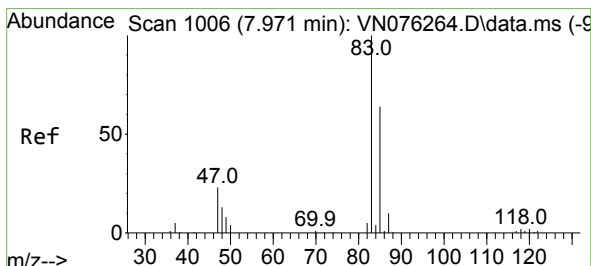
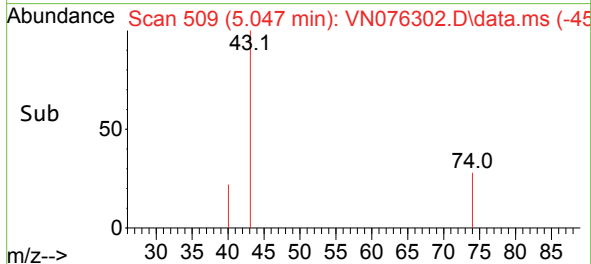
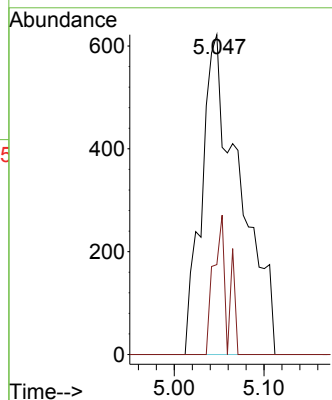
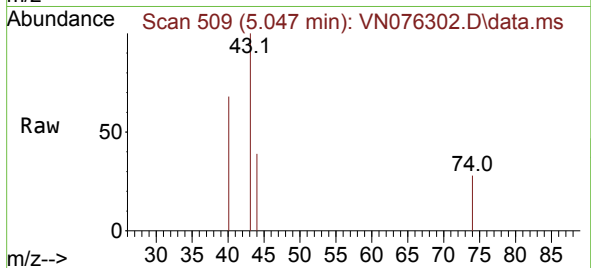




#18
Methyl Acetate
Concen: 0.382 ug/l
RT: 5.047 min Scan# 507
Delta R.T. 0.011 min
Lab File: VN076302.D
Acq: 18 Jan 2023 18:18

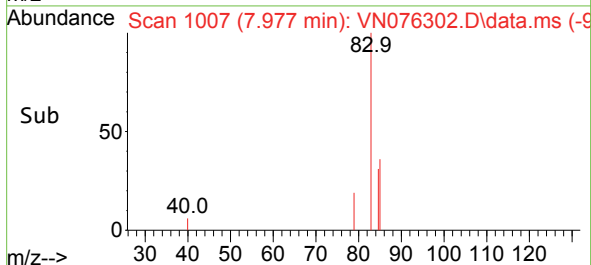
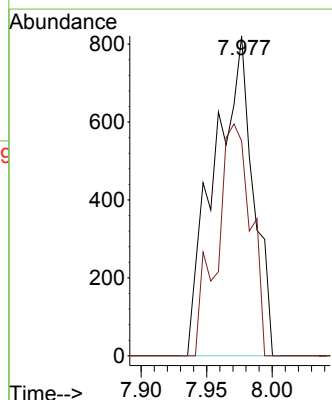
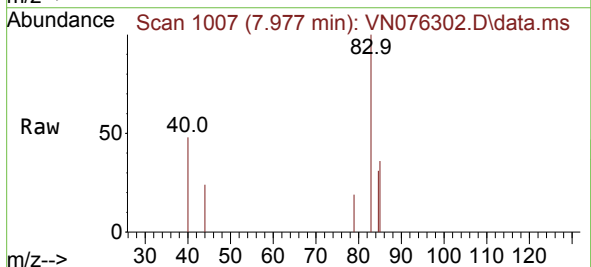
Instrument :
MSVOA_N
ClientSampleId :
PE-7

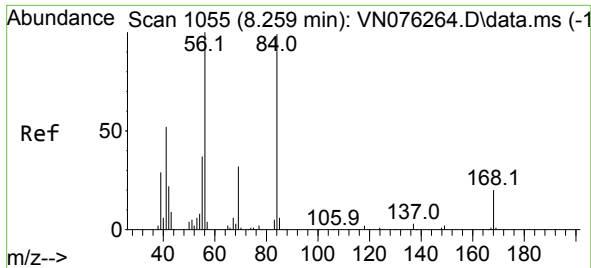
Tgt Ion: 43 Resp: 1835
Ion Ratio Lower Upper
43 100
74 15.8 23.3 34.9#



#30
Chloroform
Concen: 0.221 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. 0.006 min
Lab File: VN076302.D
Acq: 18 Jan 2023 18:18

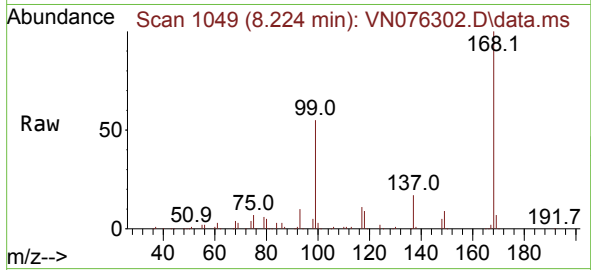
Tgt Ion: 83 Resp: 1697
Ion Ratio Lower Upper
83 100
85 67.1 51.0 76.6



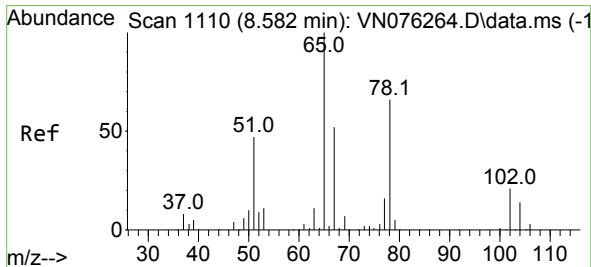
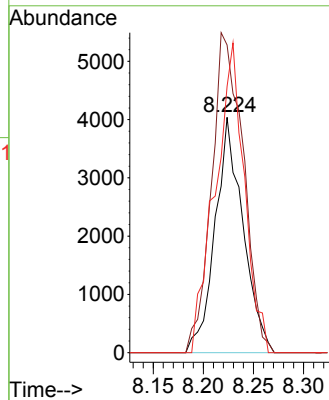
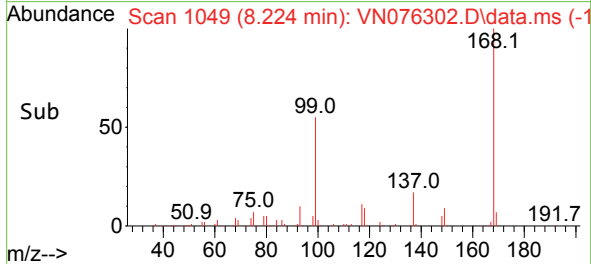


#31
Cyclohexane
Concen: 1.150 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN076302.D
Acq: 18 Jan 2023 18:18

Instrument :
MSVOA_N
ClientSampleId :
PE-7

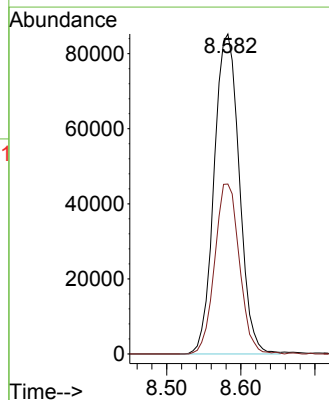
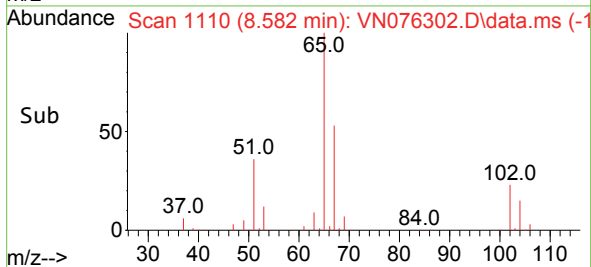
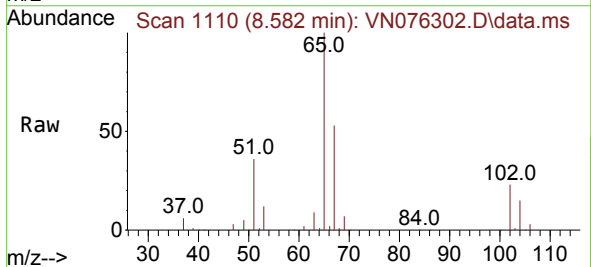


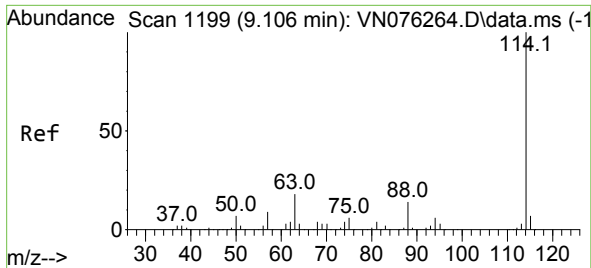
Tgt Ion: 56 Resp: 7808
Ion Ratio Lower Upper
56 100
69 130.7 25.8 38.8#
84 113.1 79.0 118.4



#33
1,2-Dichloroethane-d4
Concen: 45.404 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076302.D
Acq: 18 Jan 2023 18:18

Tgt Ion: 65 Resp: 200649
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.6

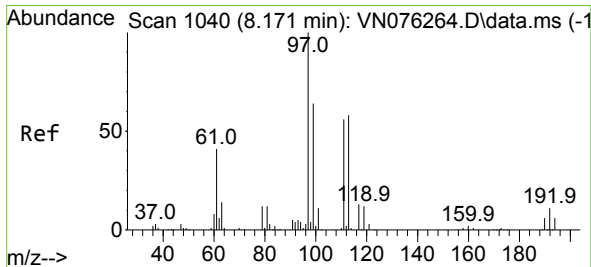
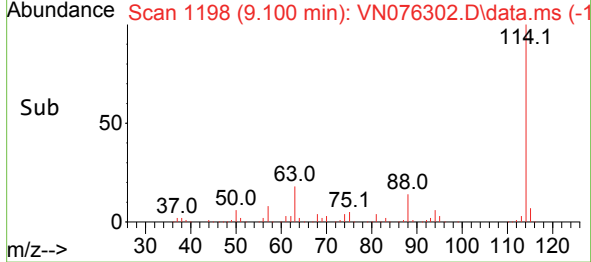
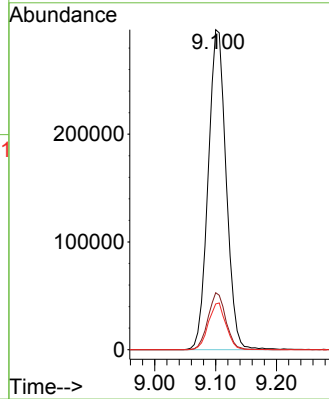
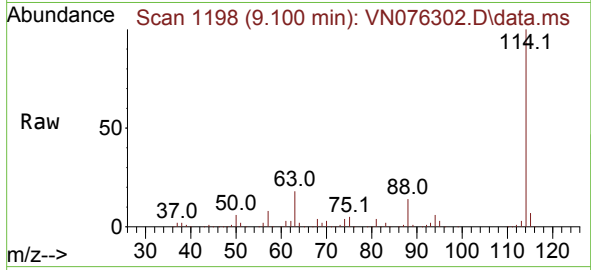




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1199
Delta R.T. -0.006 min
Lab File: VN076302.D
Acq: 18 Jan 2023 18:18

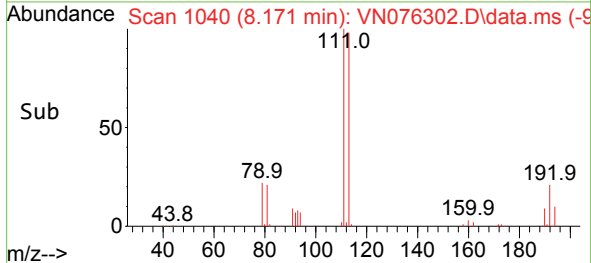
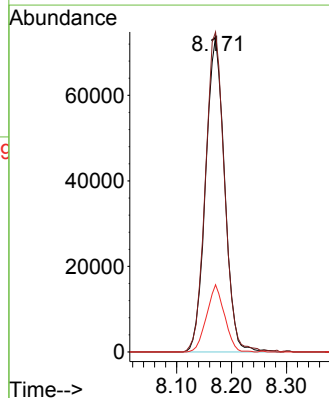
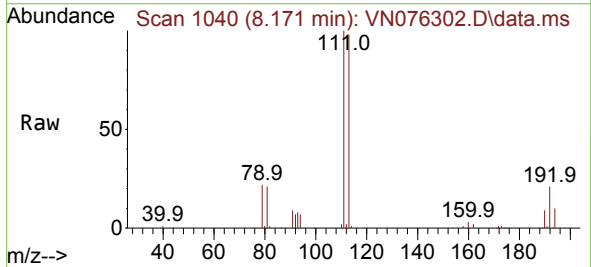
Instrument :
MSVOA_N
ClientSampleId :
PE-7

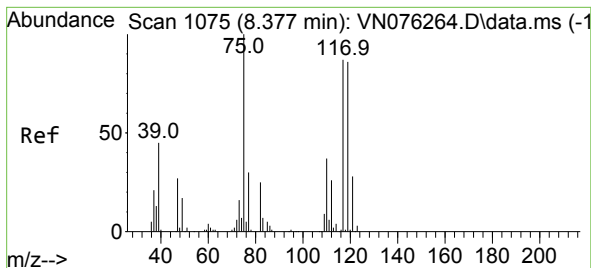
Tgt Ion:114 Resp: 609544
Ion Ratio Lower Upper
114 100
63 17.8 0.0 35.8
88 14.3 0.0 28.0



#35
Dibromofluoromethane
Concen: 46.231 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076302.D
Acq: 18 Jan 2023 18:18

Tgt Ion:113 Resp: 176277
Ion Ratio Lower Upper
113 100
111 102.3 82.7 124.1
192 20.2 15.6 23.4





#36

1,1-Dichloropropene

Concen: 5.115 ug/l

RT: 8.230 min Scan# 1049

Delta R.T. -0.147 min

Lab File: VN076302.D

Acq: 18 Jan 2023 18:18

Instrument :

MSVOA_N

ClientSampleId :

PE-7

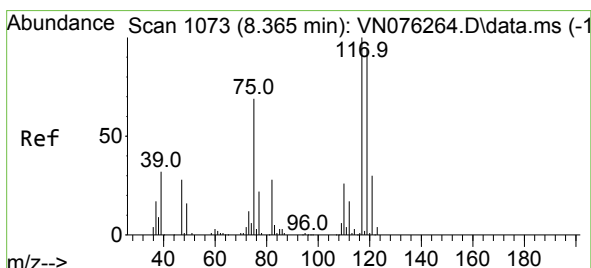
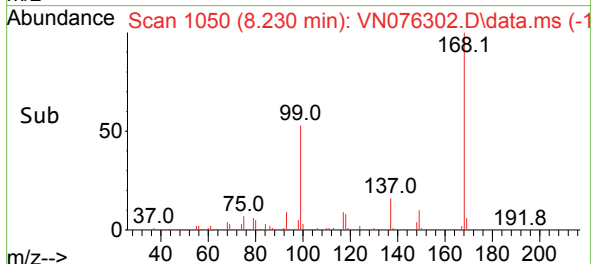
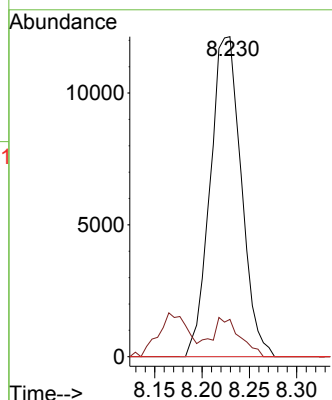
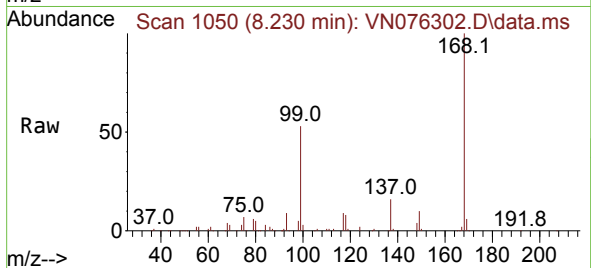
Tgt Ion: 75 Resp: 27713

Ion Ratio Lower Upper

75 100

110 10.5 18.8 56.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.457 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.141 min

Lab File: VN076302.D

Acq: 18 Jan 2023 18:18

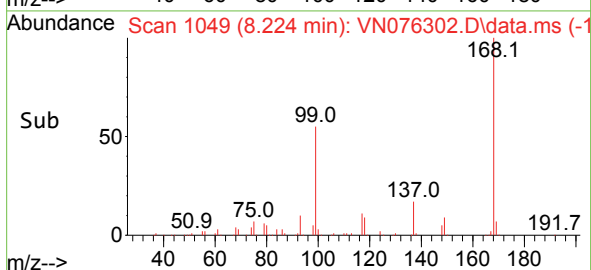
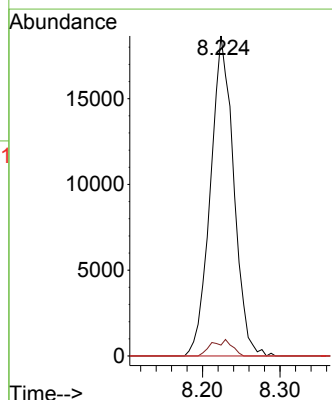
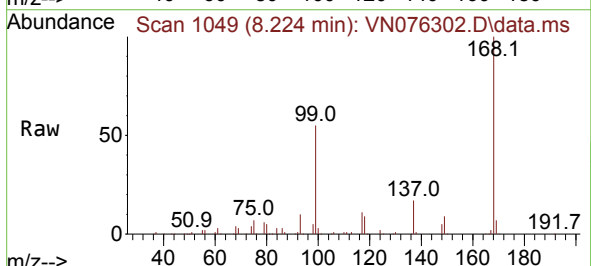
Tgt Ion: 117 Resp: 39013

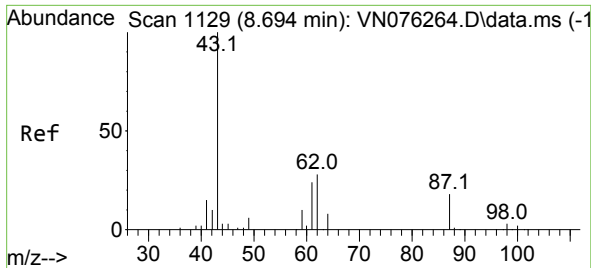
Ion Ratio Lower Upper

117 100

119 3.4 75.4 113.0#

121 0.0 24.2 36.2#

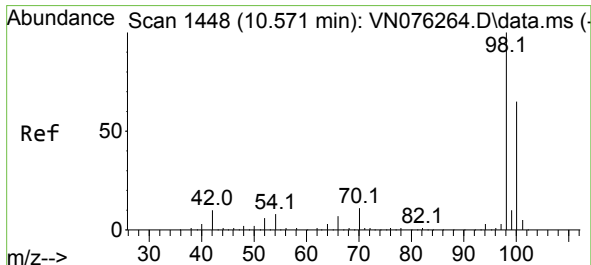
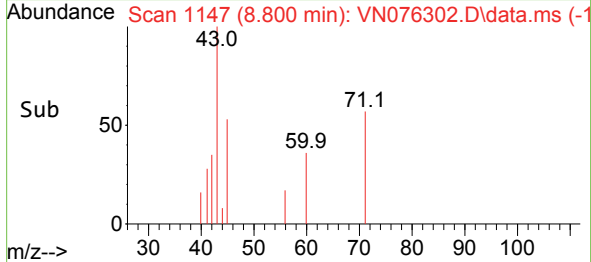
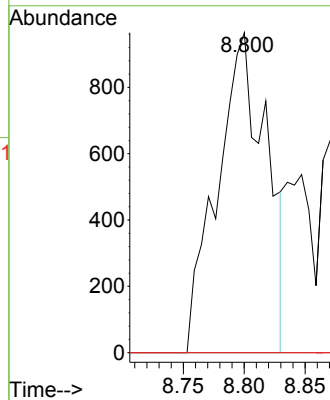
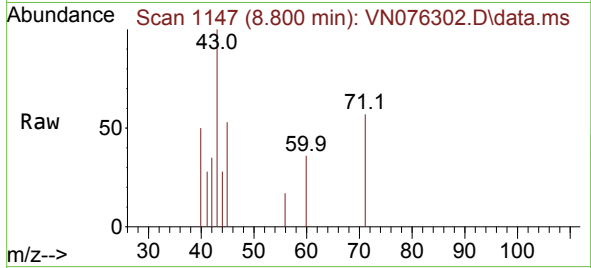




#43
Isopropyl Acetate
Concen: 0.382 ug/l
RT: 8.800 min Scan# 1129
Delta R.T. 0.106 min
Lab File: VN076302.D
Acq: 18 Jan 2023 18:18

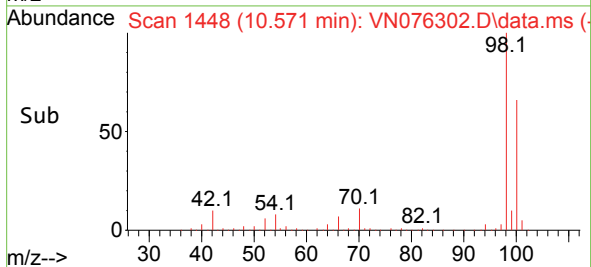
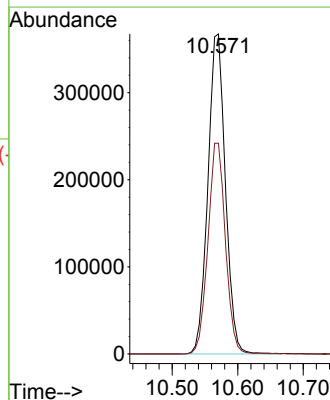
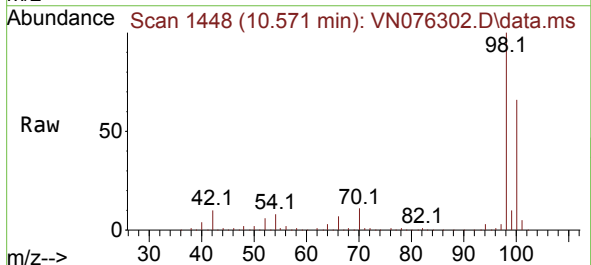
Instrument :
MSVOA_N
ClientSampleId :
PE-7

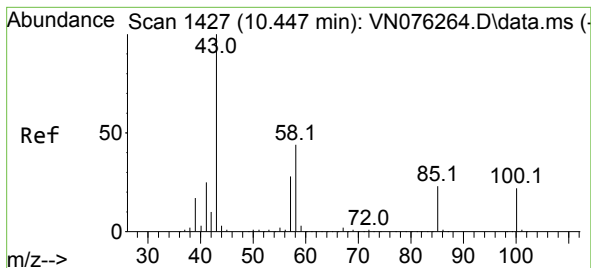
Tgt Ion: 43 Resp: 2703
Ion Ratio Lower Upper
43 100
61 0.0 23.5 35.3#
87 0.0 13.8 20.6#



#50
Toluene-d8
Concen: 48.372 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076302.D
Acq: 18 Jan 2023 18:18

Tgt Ion: 98 Resp: 681163
Ion Ratio Lower Upper
98 100
100 65.9 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 0.670 ug/l

RT: 10.559 min Scan# 1427

Delta R.T. 0.112 min

Lab File: VN076302.D

Acq: 18 Jan 2023 18:18

Instrument :

MSVOA_N

ClientSampleId :

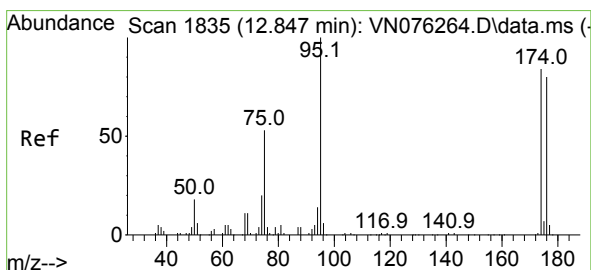
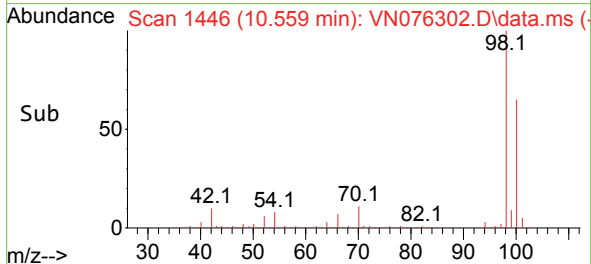
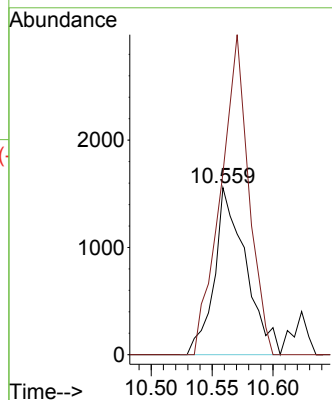
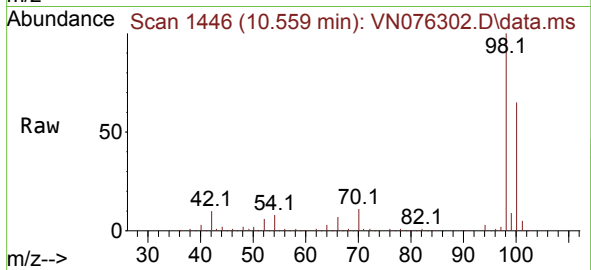
PE-7

Tgt Ion: 43 Resp: 2779

Ion Ratio Lower Upper

43 100

58 172.5 35.1 52.7#



#62

4-Bromofluorobenzene

Concen: 44.146 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN076302.D

Acq: 18 Jan 2023 18:18

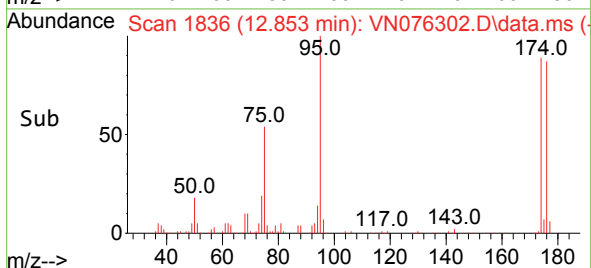
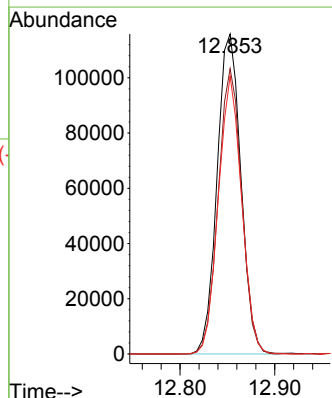
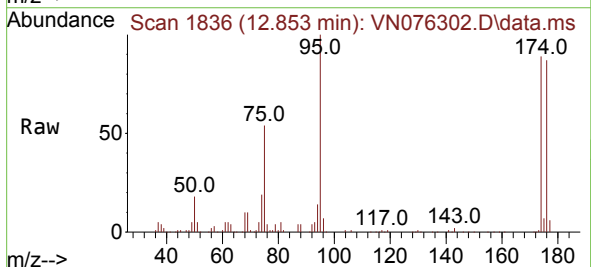
Tgt Ion: 95 Resp: 202941

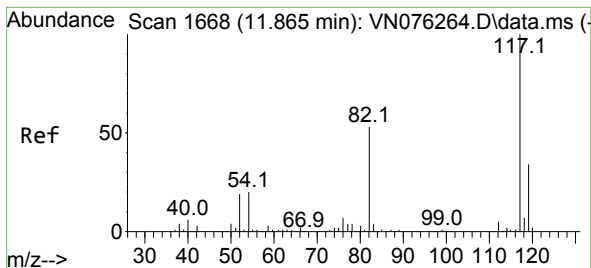
Ion Ratio Lower Upper

95 100

174 87.2 0.0 174.6

176 84.5 0.0 167.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN076302.D

Acq: 18 Jan 2023 18:18

Instrument :

MSVOA_N

ClientSampleId :

PE-7

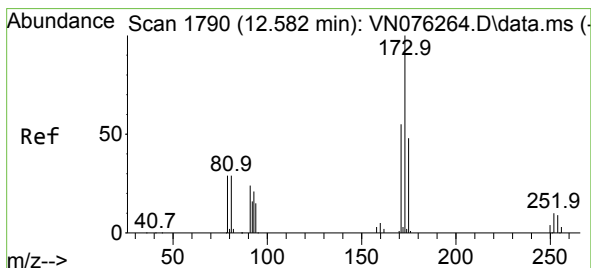
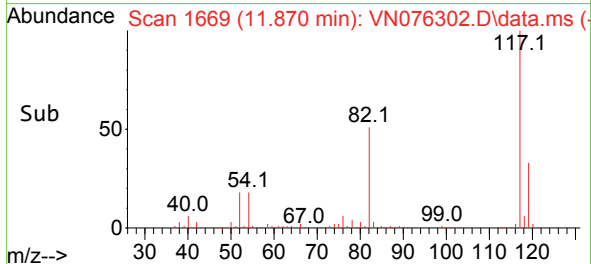
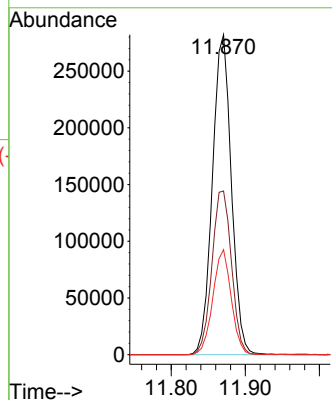
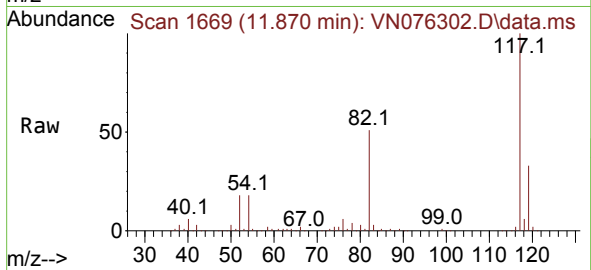
Tgt Ion:117 Resp: 501002

Ion Ratio Lower Upper

117 100

82 51.2 42.2 63.2

119 32.8 26.9 40.3



#71

Bromoform

Concen: 0.383 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.271 min

Lab File: VN076302.D

Acq: 18 Jan 2023 18:18

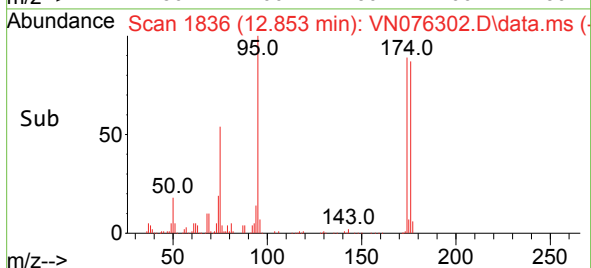
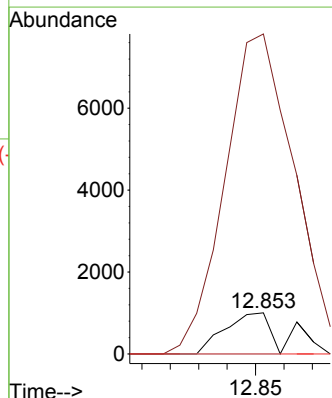
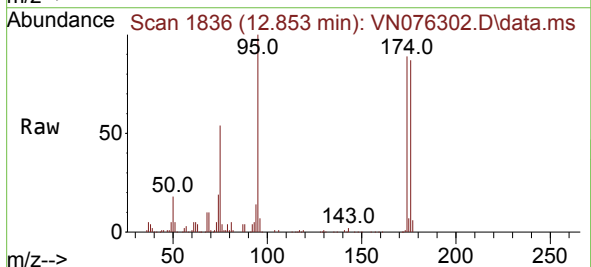
Tgt Ion:173 Resp: 1090

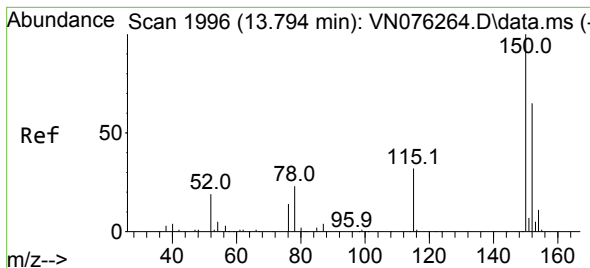
Ion Ratio Lower Upper

173 100

175 976.2 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: VN076302.D

Acq: 18 Jan 2023 18:18

Instrument :

MSVOA_N

ClientSampleId :

PE-7

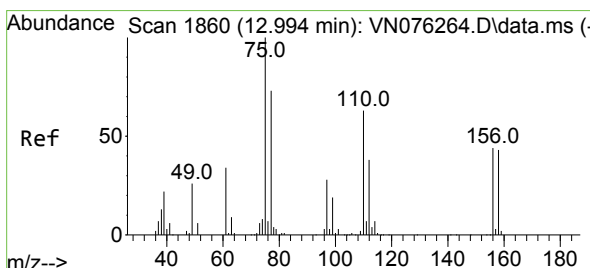
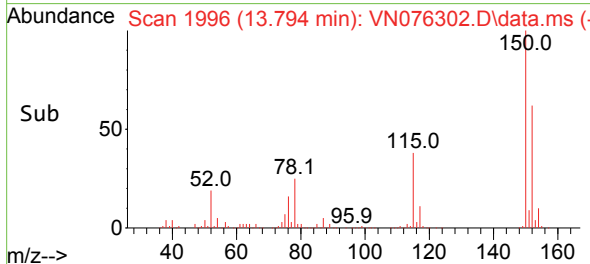
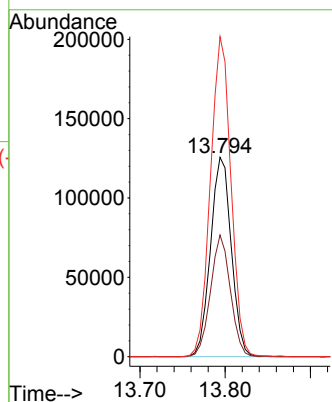
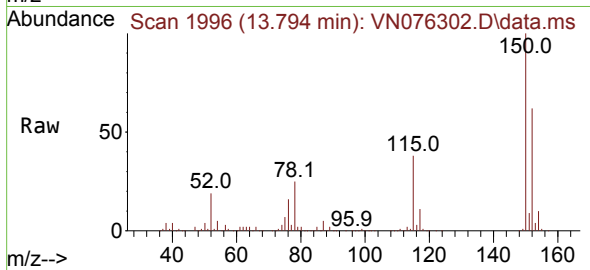
Tgt Ion:152 Resp: 212544

Ion Ratio Lower Upper

152 100

115 58.2 29.6 88.9

150 158.5 0.0 351.4



#76

1,2,3-Trichloropropane

Concen: 27.141 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN076302.D

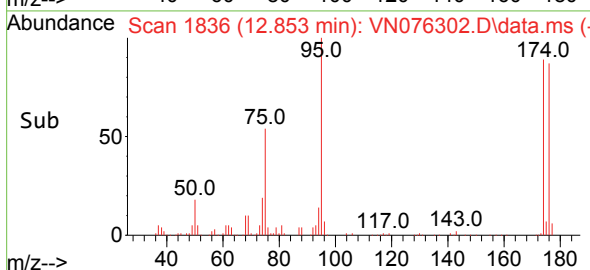
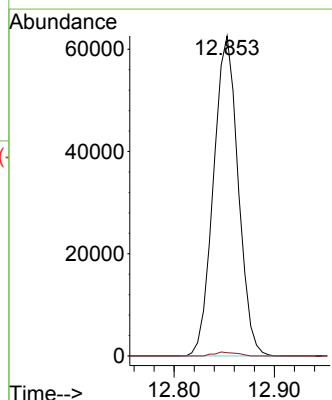
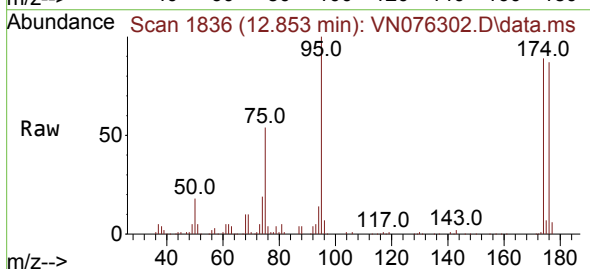
Acq: 18 Jan 2023 18:18

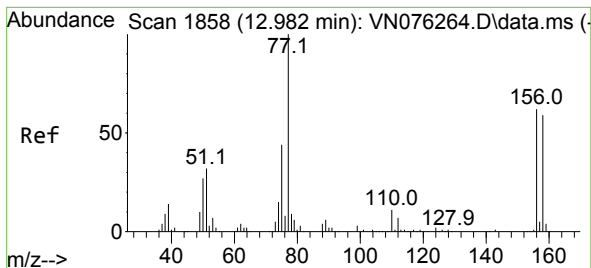
Tgt Ion: 75 Resp: 106769

Ion Ratio Lower Upper

75 100

77 1.1 75.2 225.6#





#77

Bromobenzene

Concen: Below Cal

RT: 12.994 min Scan# 1860

Delta R.T. 0.012 min

Lab File: VN076302.D

Acq: 18 Jan 2023 18:18

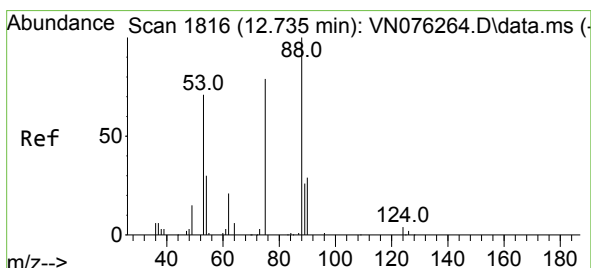
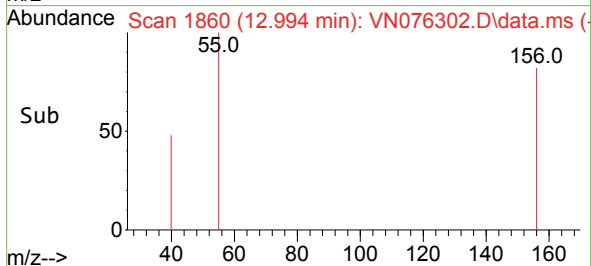
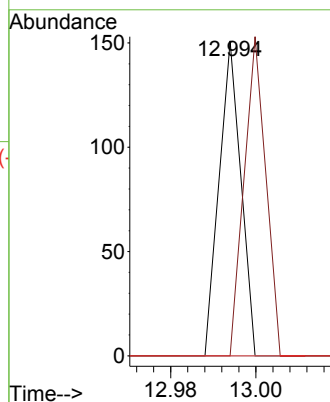
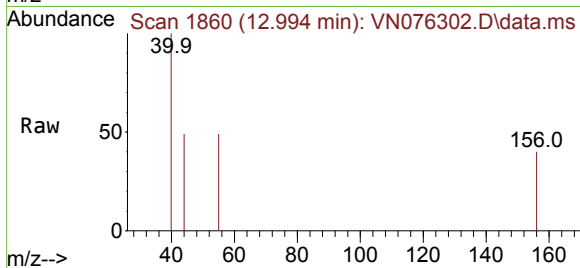
Instrument :

MSVOA_N

ClientSampleId :

PE-7

Tgt Ion:	156	Resp:	53
Ion	Ratio	Lower	Upper
156	100		
77	101.9	93.4	280.2
158	0.0	48.4	145.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 83.581 ug/l

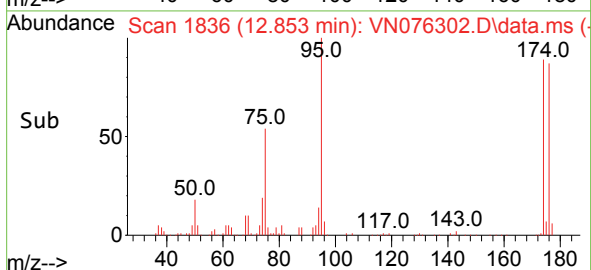
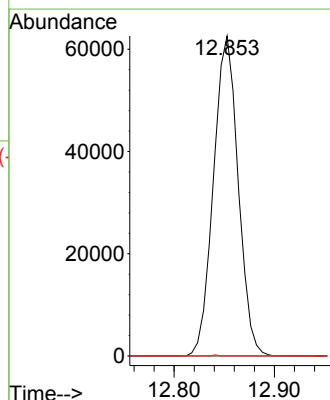
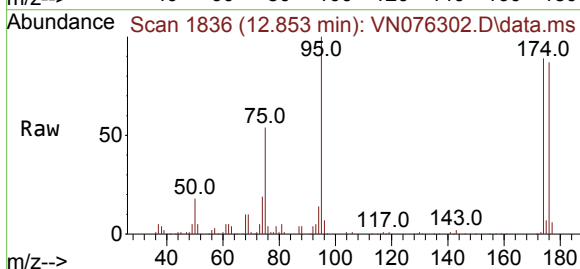
RT: 12.853 min Scan# 1836

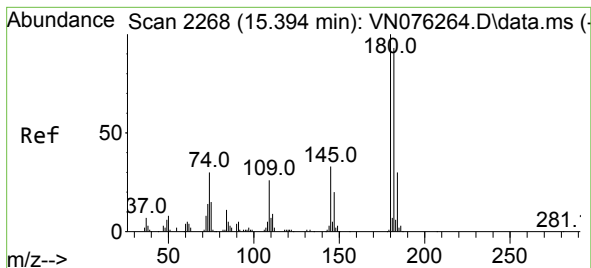
Delta R.T. 0.118 min

Lab File: VN076302.D

Acq: 18 Jan 2023 18:18

Tgt Ion:	75	Resp:	106769
Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.8	113.8#
89	0.1	37.0	55.6#





#93

1,2,4-Trichlorobenzene

Concen: 1.351 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN076302.D

Acq: 18 Jan 2023 18:18

Instrument :

MSVOA_N

ClientSampleId :

PE-7

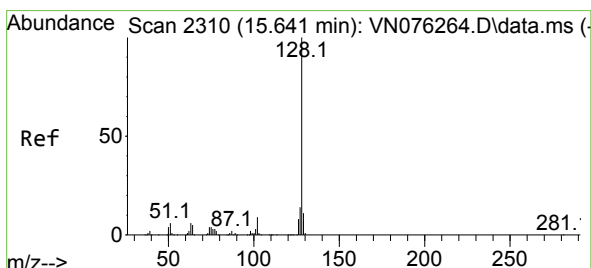
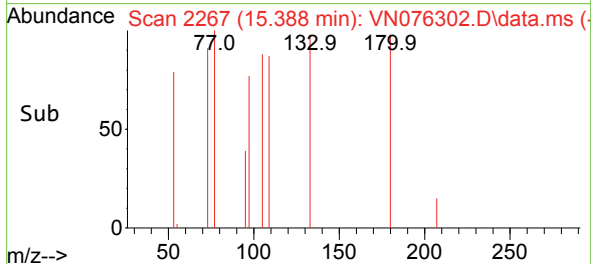
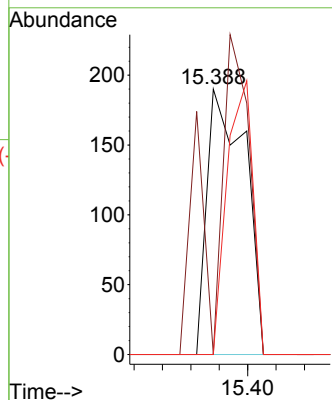
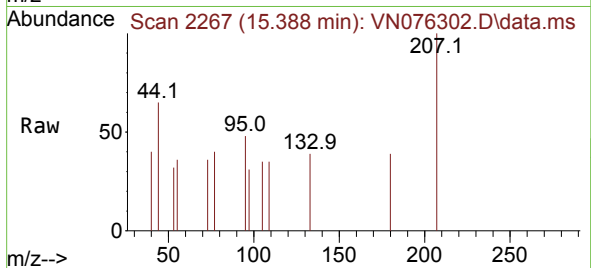
Tgt Ion:180 Resp: 177

Ion Ratio Lower Upper

180 100

182 116.4 47.0 141.2

145 70.6 15.2 45.5#



#95

Naphthalene

Concen: 2.032 ug/l

RT: 15.647 min Scan# 2311

Delta R.T. 0.006 min

Lab File: VN076302.D

Acq: 18 Jan 2023 18:18

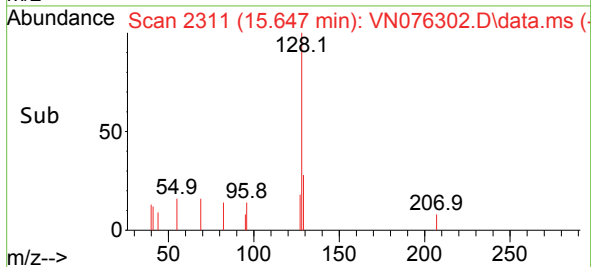
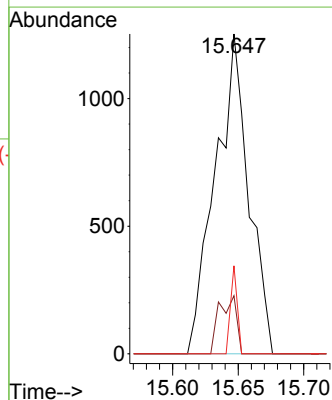
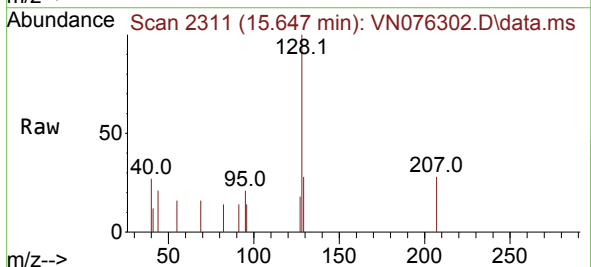
Tgt Ion:128 Resp: 2214

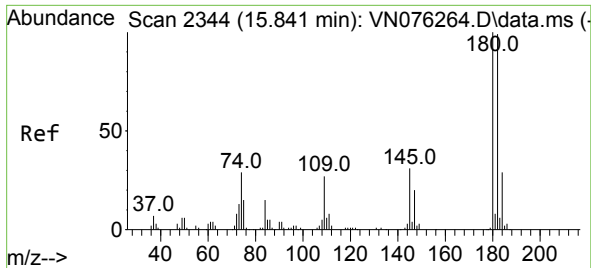
Ion Ratio Lower Upper

128 100

127 9.4 10.3 15.5#

129 5.5 8.6 13.0#





#96

1,2,3-Trichlorobenzene

Concen: 1.169 ug/l

RT: 15.847 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN076302.D

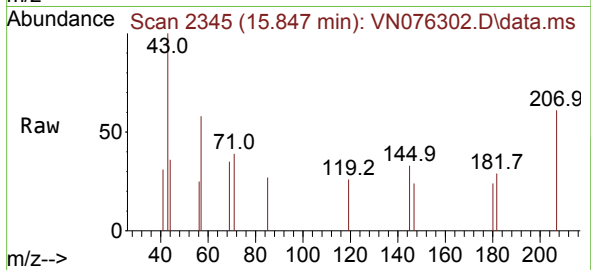
Acq: 18 Jan 2023 18:18

Instrument :

MSVOA_N

ClientSampleId :

PE-7



Tgt Ion:180 Resp: 55

Ion Ratio Lower Upper

180 100

182 527.3 47.5 142.5#

145 138.2 15.9 47.6#

