

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011823\
 Data File : VN076300.D
 Acq On : 18 Jan 2023 17:30
 Operator : JC\MD
 Sample : 01190-05
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PE-4

Quant Time: Jan 19 00:52:39 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)

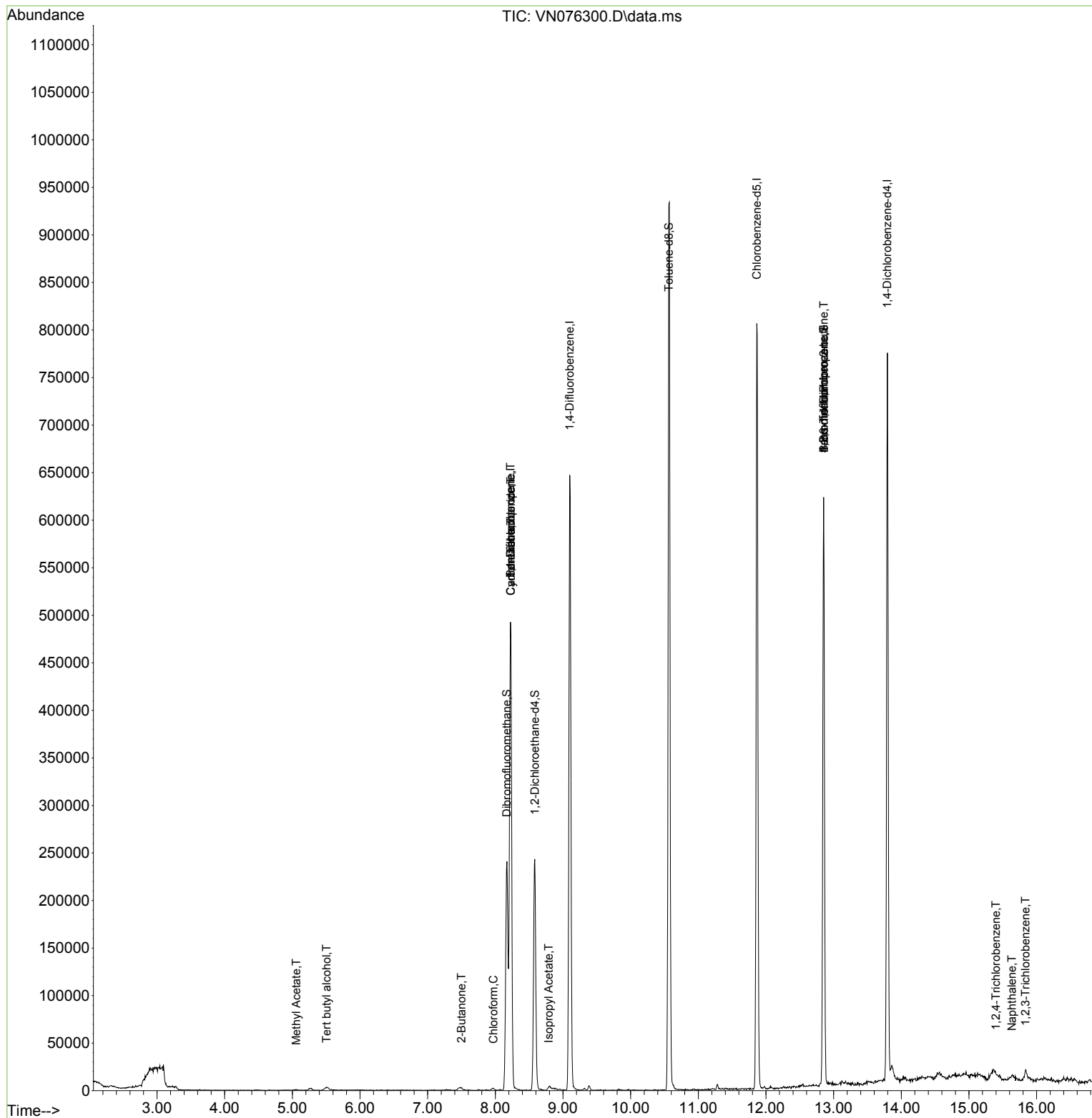
Internal Standards						
1) Pentafluorobenzene	8.224	168	387837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	597527	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	500899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	212779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	195961	45.126	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.260%
35) Dibromofluoromethane	8.171	113	171401	45.856	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.720%
50) Toluene-d8	10.565	98	683986	49.550	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.100%
62) 4-Bromofluorobenzene	12.853	95	208214	46.204	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.400%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.506	59	3284	5.654	ug/l #	72
18) Methyl Acetate	5.059	43	1328	0.281	ug/l #	56
20) Methylene Chloride	5.253	84	1171	Below Cal	#	61
25) 2-Butanone	7.500	43	659	0.310	ug/l	96
30) Chloroform	7.971	83	2377	0.316	ug/l #	73
31) Cyclohexane	8.230	56	7652	1.147	ug/l #	19
36) 1,1-Dichloropropene	8.224	75	27494	5.177	ug/l #	49
38) Carbon Tetrachloride	8.230	117	37827	6.387	ug/l #	16
43) Isopropyl Acetate	8.788	43	2682	0.387	ug/l #	51
71) Bromoform	12.853	173	1360	0.478	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	105481	26.771	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	105481	82.481	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.400	180	474	1.429	ug/l #	82
95) Naphthalene	15.635	128	3931	2.181	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.835	180	561	1.308	ug/l #	71

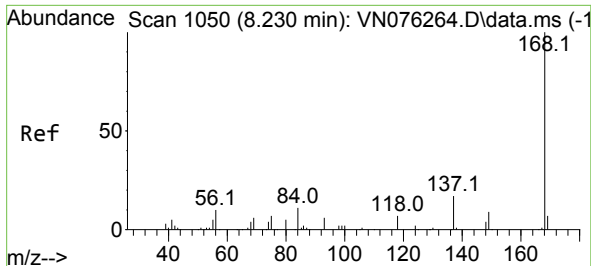
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011823\
Data File : VN076300.D
Acq On : 18 Jan 2023 17:30
Operator : JC\MD
Sample : 01190-05
Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PE-4

Quant Time: Jan 19 00:52:39 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

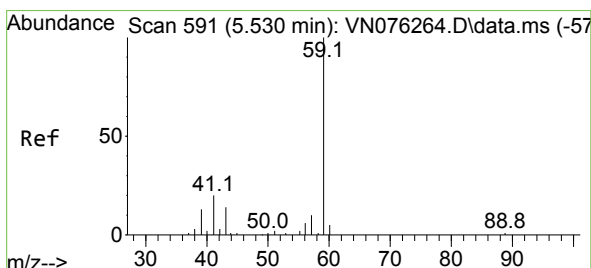
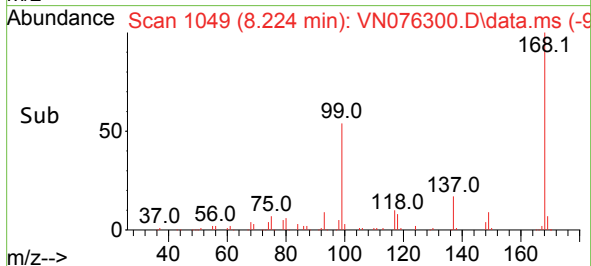
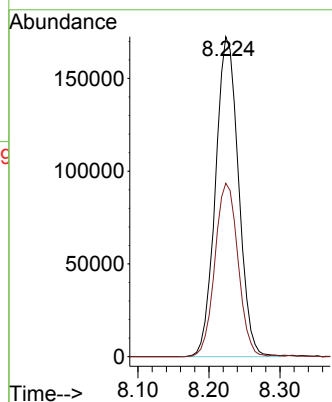
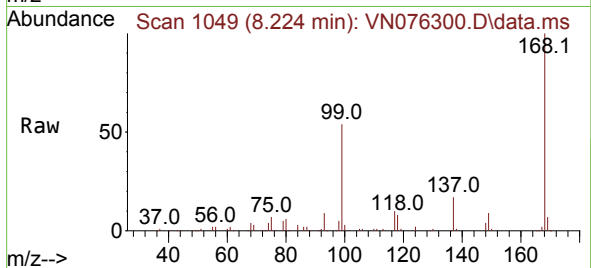




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VN076300.D
Acq: 18 Jan 2023 17:30

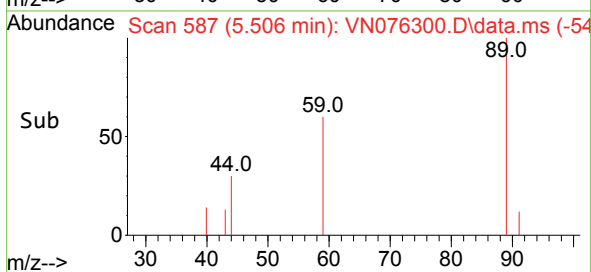
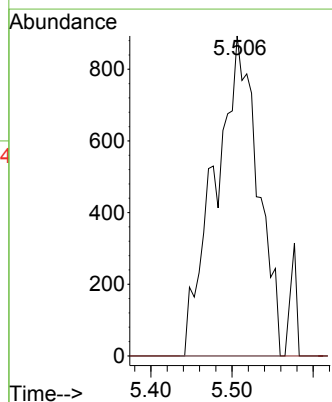
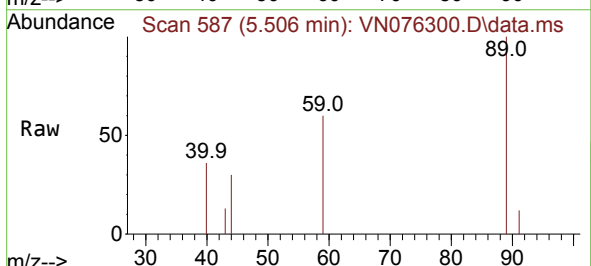
Instrument :
MSVOA_N
ClientSampleId :
PE-4

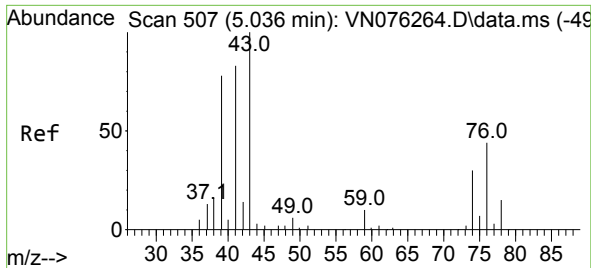
Tgt Ion:168 Resp: 387837
Ion Ratio Lower Upper
168 100
99 54.2 41.6 62.4



#11
Tert butyl alcohol
Concen: 5.654 ug/l
RT: 5.506 min Scan# 587
Delta R.T. -0.024 min
Lab File: VN076300.D
Acq: 18 Jan 2023 17:30

Tgt Ion: 59 Resp: 3284
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

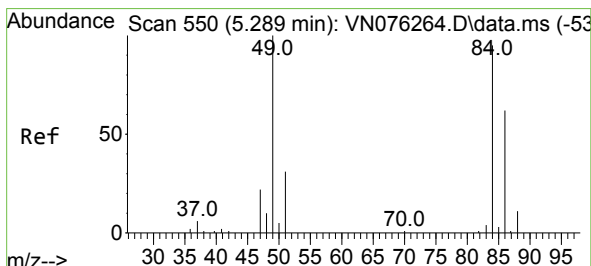
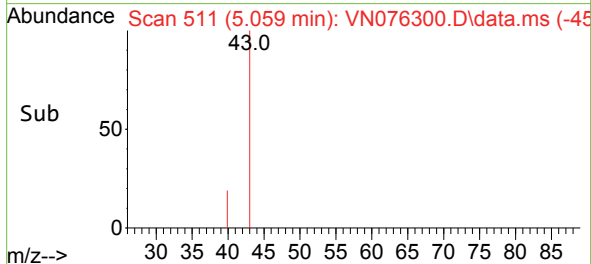
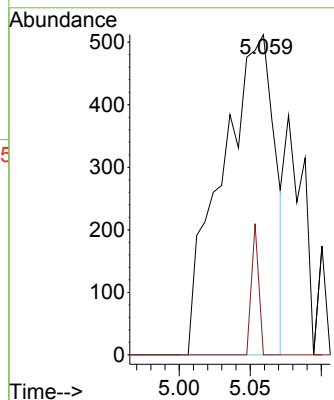
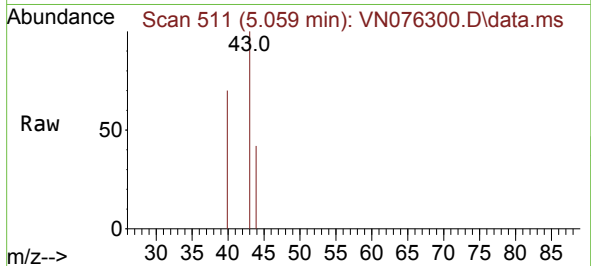




#18
Methyl Acetate
Concen: 0.281 ug/l
RT: 5.059 min Scan# 511
Delta R.T. 0.023 min
Lab File: VN076300.D
Acq: 18 Jan 2023 17:30

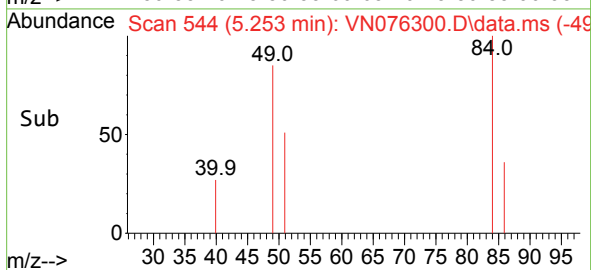
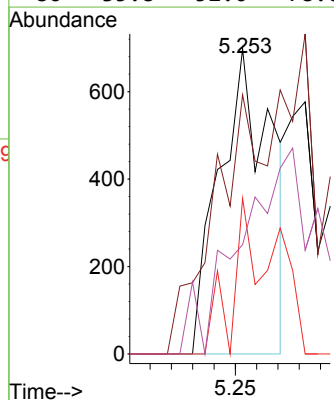
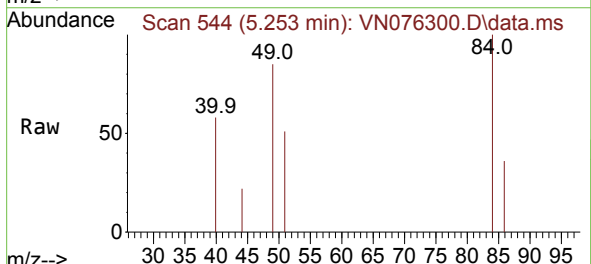
Instrument :
MSVOA_N
ClientSampleId :
PE-4

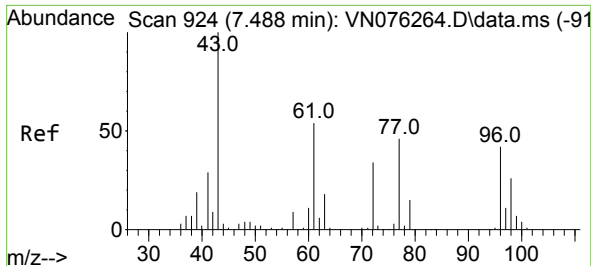
Tgt Ion: 43 Resp: 1328
Ion Ratio Lower Upper
43 100
74 5.6 23.3 34.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.253 min Scan# 544
Delta R.T. -0.036 min
Lab File: VN076300.D
Acq: 18 Jan 2023 17:30

Tgt Ion: 84 Resp: 1171
Ion Ratio Lower Upper
84 100
49 62.8 84.5 126.7#
51 51.0 26.0 39.0#
86 35.8 52.0 78.0#

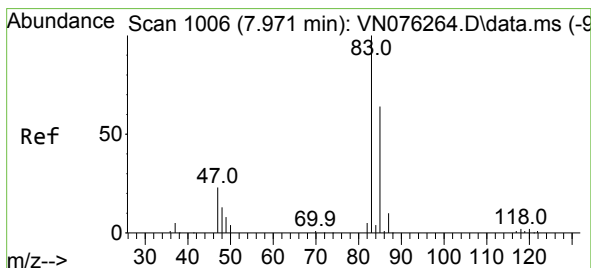
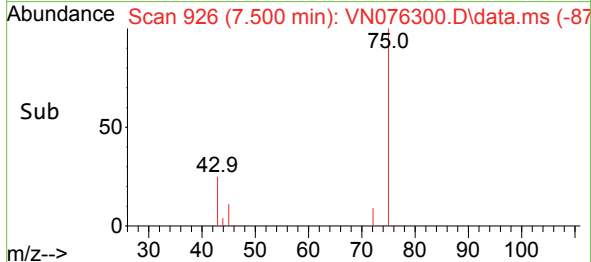
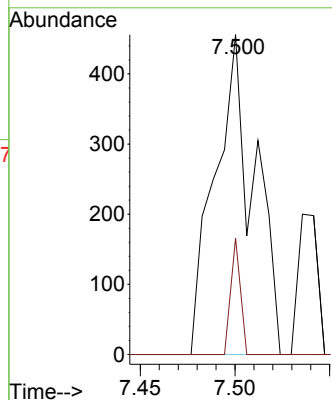
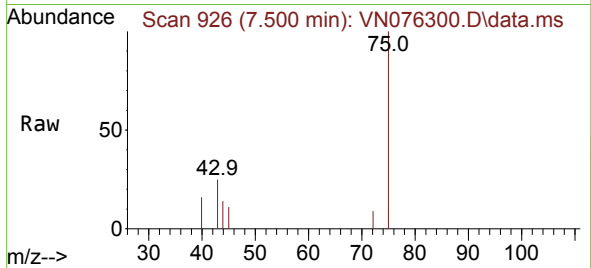




#25
2-Butanone
Concen: 0.310 ug/l
RT: 7.500 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN076300.D
Acq: 18 Jan 2023 17:30

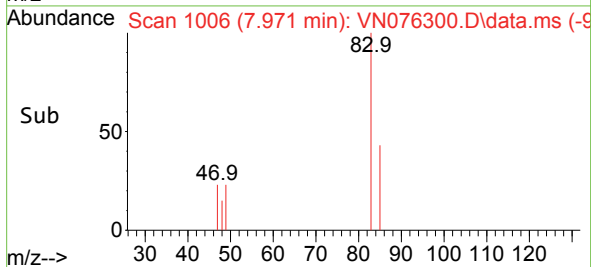
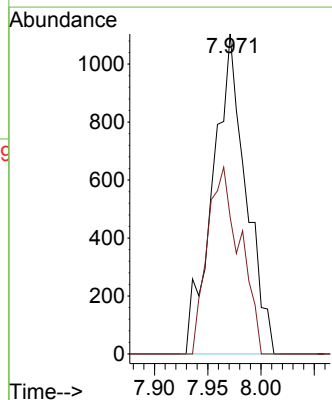
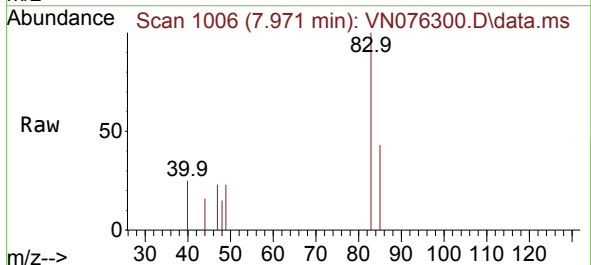
Instrument :
MSVOA_N
ClientSampleId :
PE-4

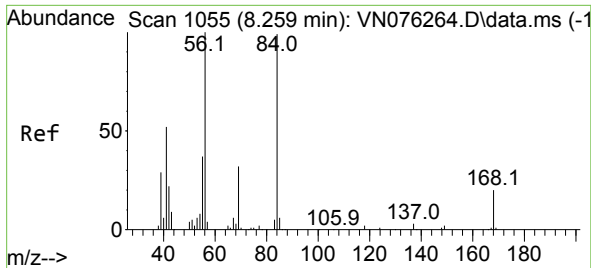
Tgt Ion: 43 Resp: 659
Ion Ratio Lower Upper
43 100
72 36.4 27.4 41.2



#30
Chloroform
Concen: 0.316 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076300.D
Acq: 18 Jan 2023 17:30

Tgt Ion: 83 Resp: 2377
Ion Ratio Lower Upper
83 100
85 42.8 51.0 76.6#

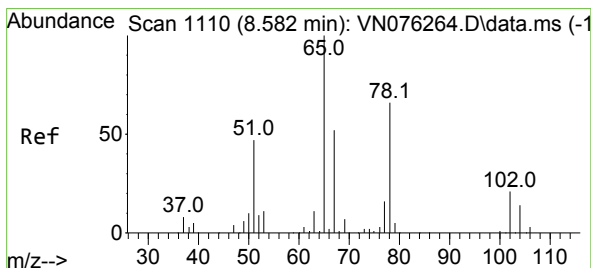
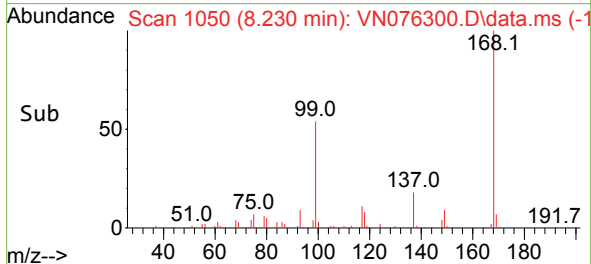
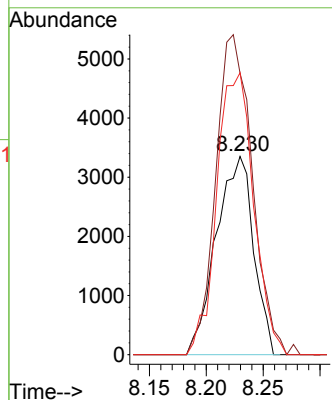
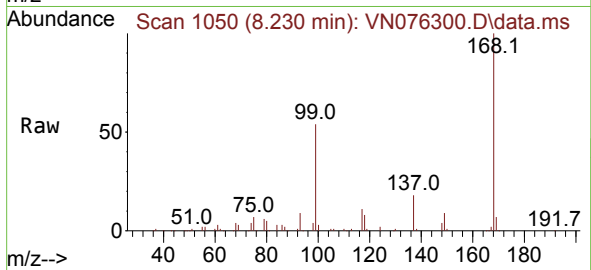




#31
Cyclohexane
Concen: 1.147 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.029 min
Lab File: VN076300.D
Acq: 18 Jan 2023 17:30

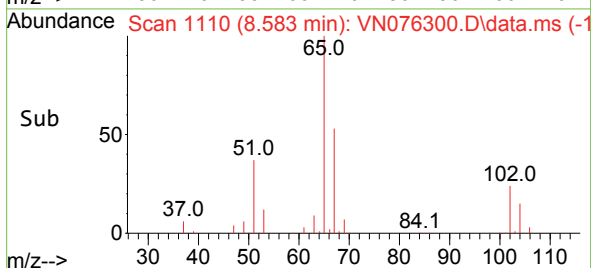
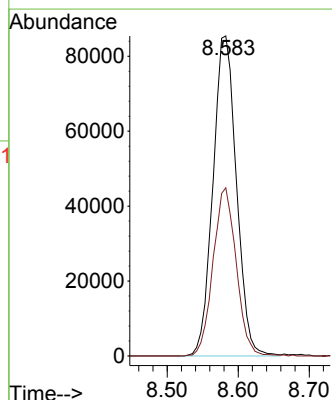
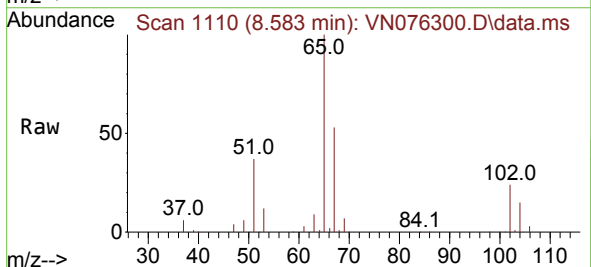
Instrument :
MSVOA_N
ClientSampleId :
PE-4

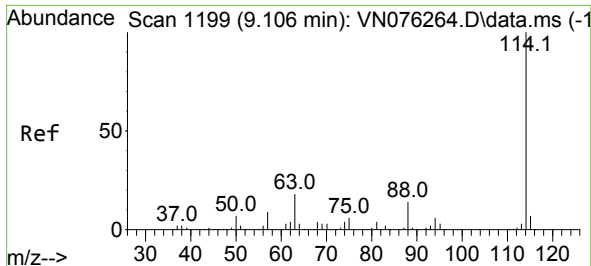
Tgt Ion: 56 Resp: 7652
Ion Ratio Lower Upper
56 100
69 141.9 25.8 38.8#
84 142.2 79.0 118.4#



#33
1,2-Dichloroethane-d4
Concen: 45.126 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.001 min
Lab File: VN076300.D
Acq: 18 Jan 2023 17:30

Tgt Ion: 65 Resp: 195961
Ion Ratio Lower Upper
65 100
67 51.9 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: VN076300.D

Acq: 18 Jan 2023 17:30

Instrument :

MSVOA_N

ClientSampleId :

PE-4

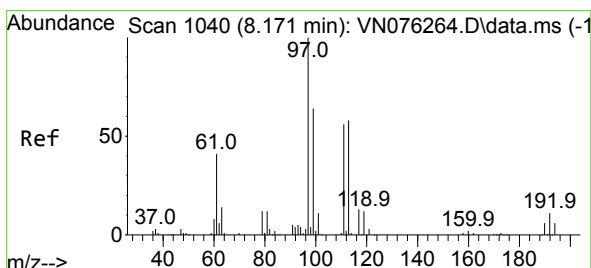
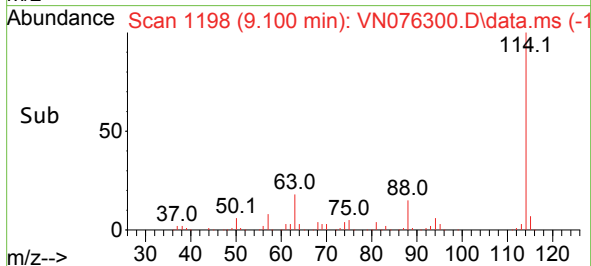
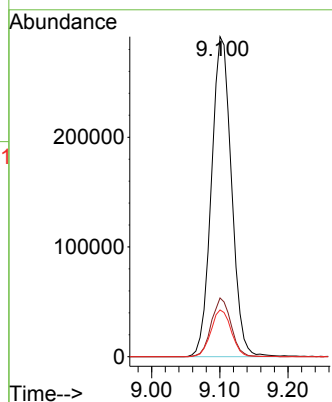
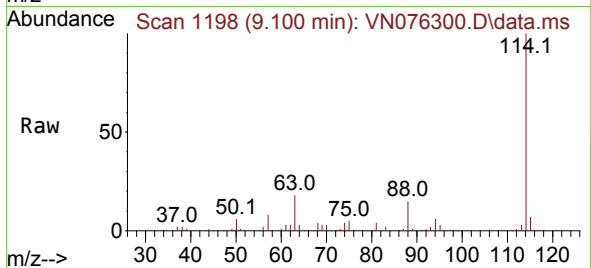
Tgt Ion:114 Resp: 597527

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.8

88 14.6 0.0 28.0



#35

Dibromofluoromethane

Concen: 45.856 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076300.D

Acq: 18 Jan 2023 17:30

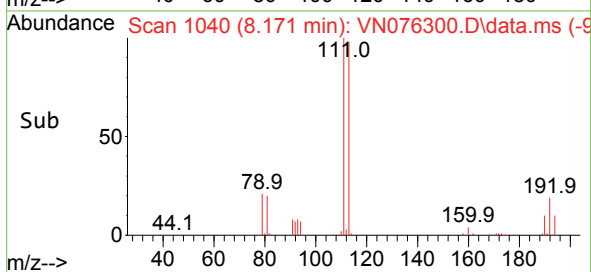
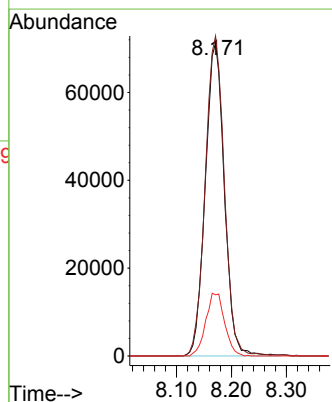
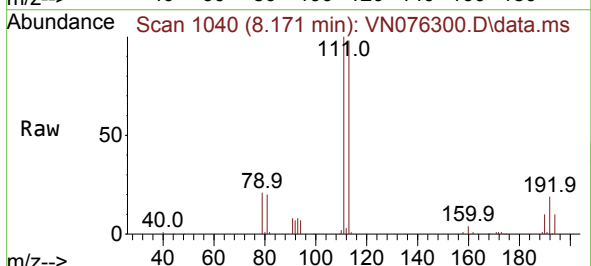
Tgt Ion:113 Resp: 171401

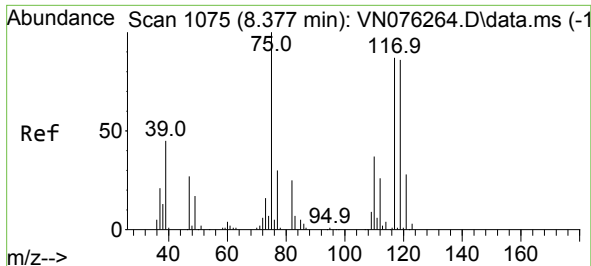
Ion Ratio Lower Upper

113 100

111 102.4 82.7 124.1

192 19.9 15.6 23.4





#36

1,1-Dichloropropene

Concen: 5.177 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.153 min

Lab File: VN076300.D

Acq: 18 Jan 2023 17:30

Instrument :

MSVOA_N

ClientSampleId :

PE-4

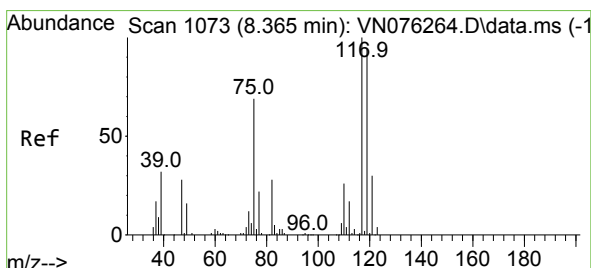
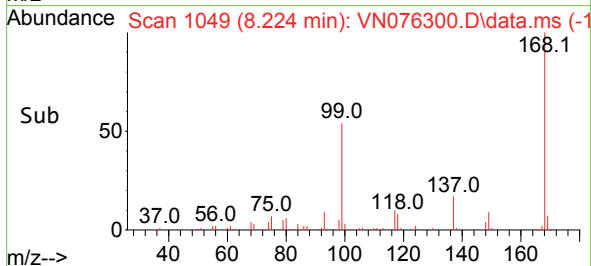
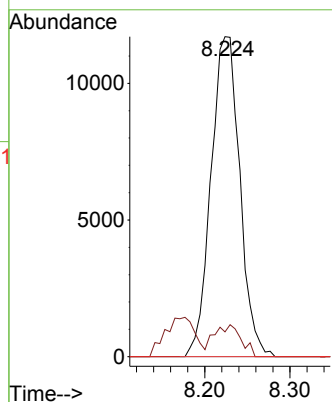
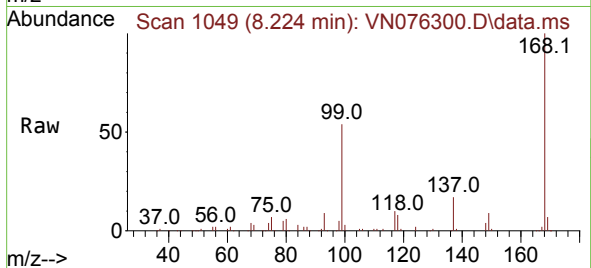
Tgt Ion: 75 Resp: 27494

Ion Ratio Lower Upper

75 100

110 9.4 18.8 56.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.387 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.135 min

Lab File: VN076300.D

Acq: 18 Jan 2023 17:30

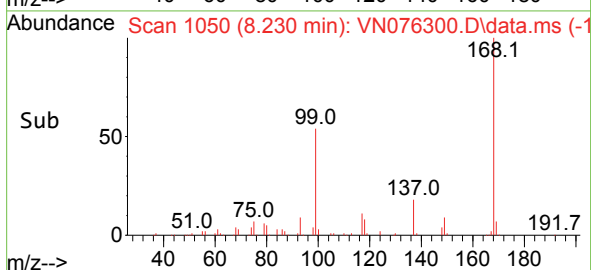
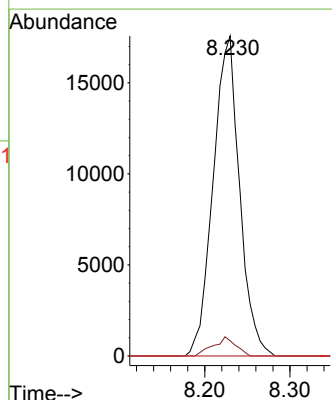
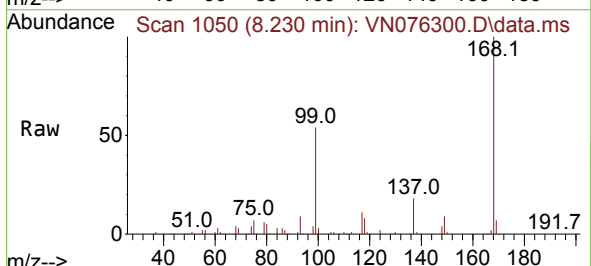
Tgt Ion: 117 Resp: 37827

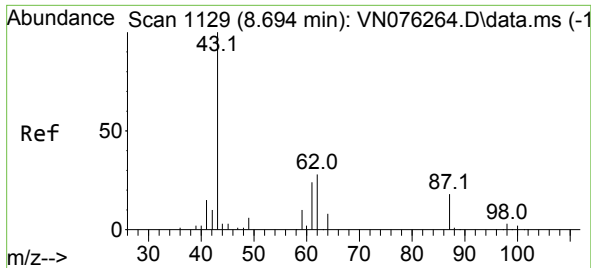
Ion Ratio Lower Upper

117 100

119 4.8 75.4 113.0#

121 0.0 24.2 36.2#

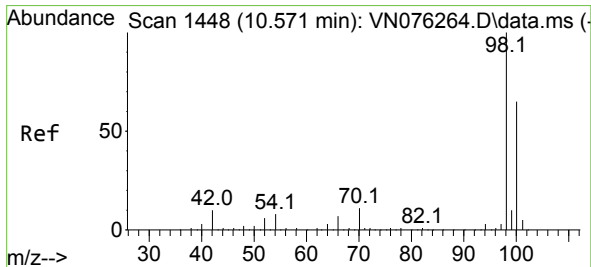
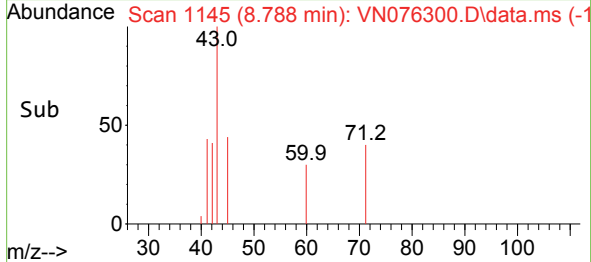
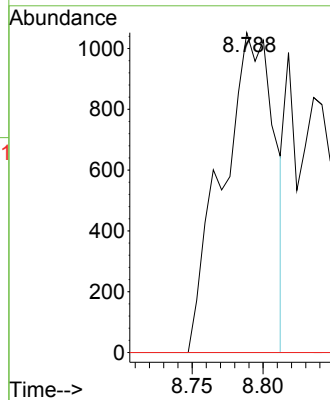
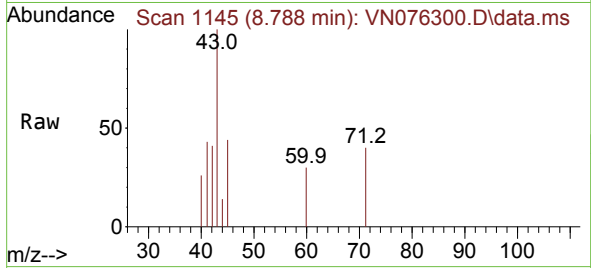




#43
Isopropyl Acetate
Concen: 0.387 ug/l
RT: 8.788 min Scan# 1129
Delta R.T. 0.094 min
Lab File: VN076300.D
Acq: 18 Jan 2023 17:30

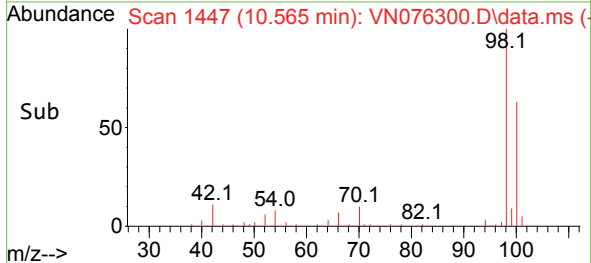
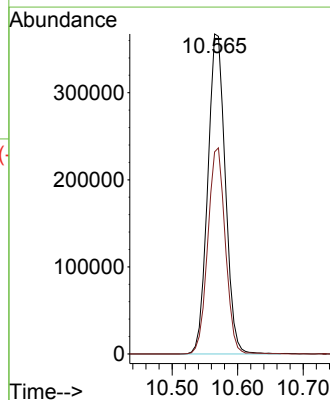
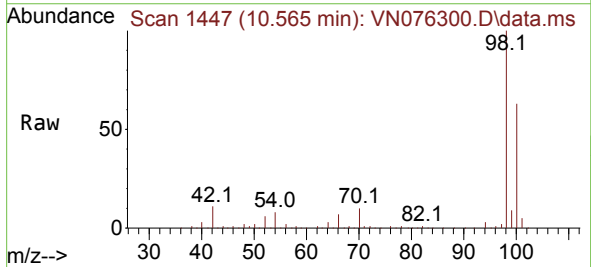
Instrument :
MSVOA_N
ClientSampleId :
PE-4

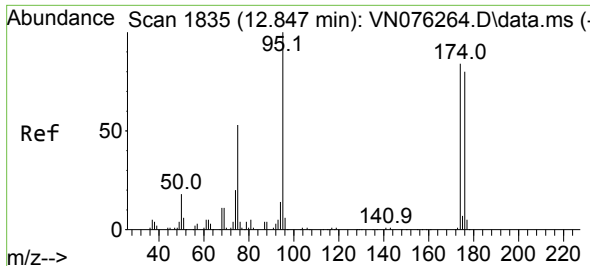
Tgt Ion: 43 Resp: 2682
Ion Ratio Lower Upper
43 100
61 0.0 23.5 35.3#
87 0.0 13.8 20.6#



#50
Toluene-d8
Concen: 49.550 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN076300.D
Acq: 18 Jan 2023 17:30

Tgt Ion: 98 Resp: 683986
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.4

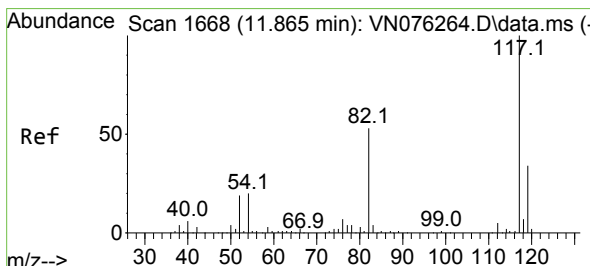
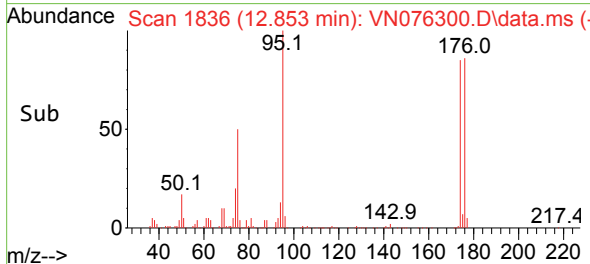
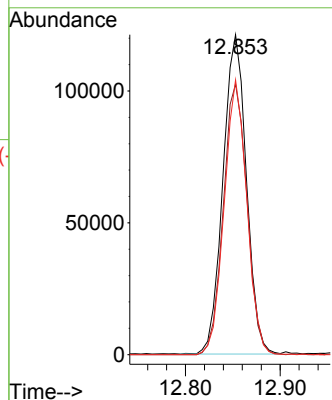
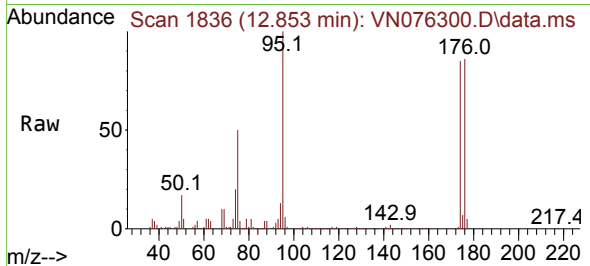




#62
4-Bromofluorobenzene
Concen: 46.204 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076300.D
Acq: 18 Jan 2023 17:30

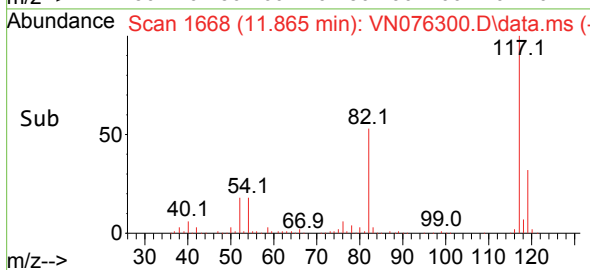
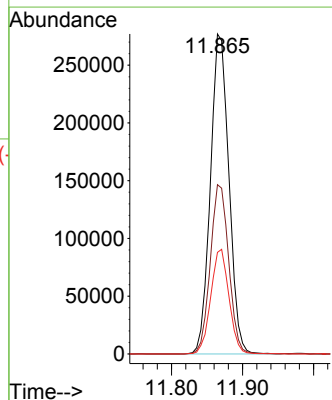
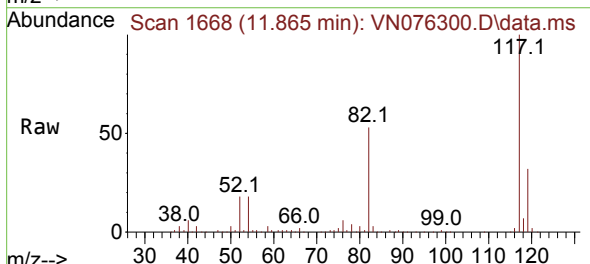
Instrument :
MSVOA_N
ClientSampleId :
PE-4

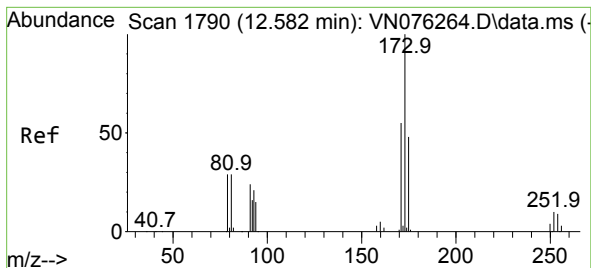
Tgt Ion: 95 Resp: 208214
Ion Ratio Lower Upper
95 100
174 85.7 0.0 174.6
176 83.2 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN076300.D
Acq: 18 Jan 2023 17:30

Tgt Ion: 117 Resp: 500899
Ion Ratio Lower Upper
117 100
82 52.9 42.2 63.2
119 31.7 26.9 40.3





#71

Bromoform

Concen: 0.478 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.271 min

Lab File: VN076300.D

Acq: 18 Jan 2023 17:30

Instrument :

MSVOA_N

ClientSampleId :

PE-4

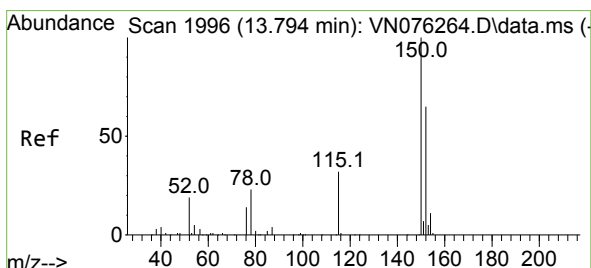
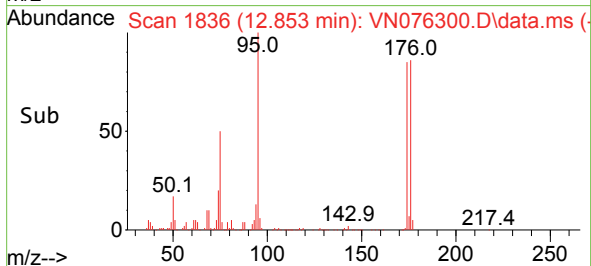
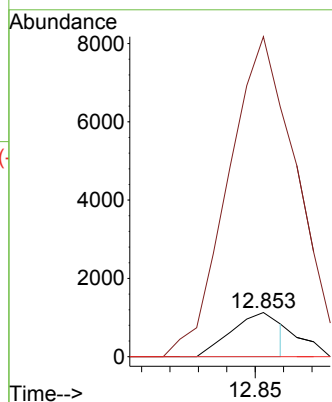
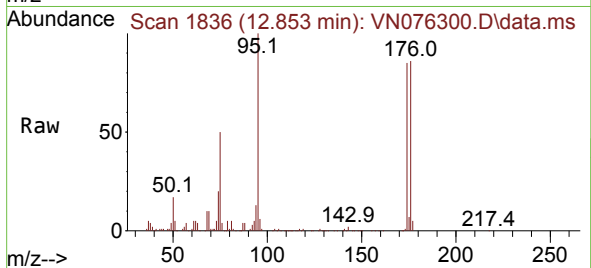
Tgt Ion:173 Resp: 1360

Ion Ratio Lower Upper

173 100

175 782.9 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: VN076300.D

Acq: 18 Jan 2023 17:30

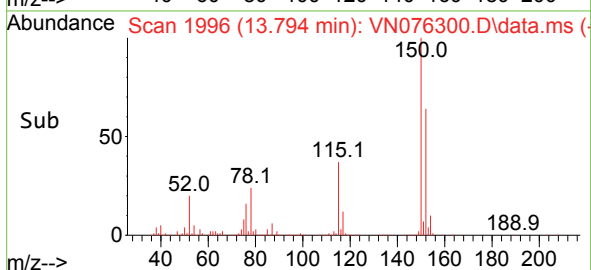
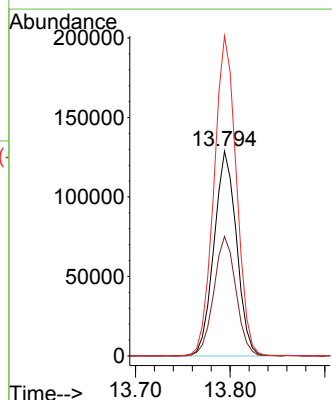
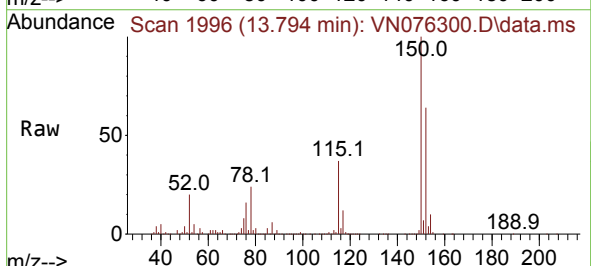
Tgt Ion:152 Resp: 212779

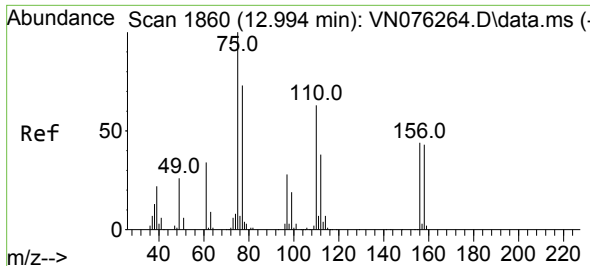
Ion Ratio Lower Upper

152 100

115 57.7 29.6 88.9

150 156.1 0.0 351.4

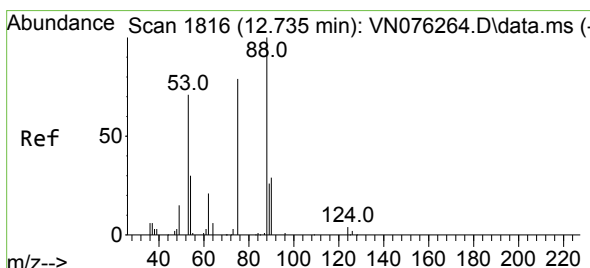
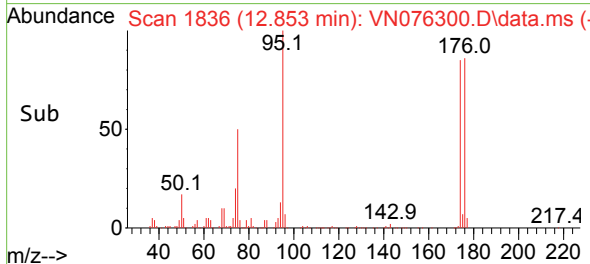
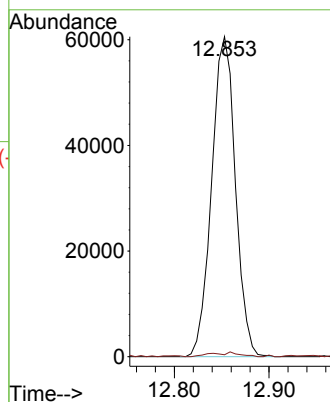
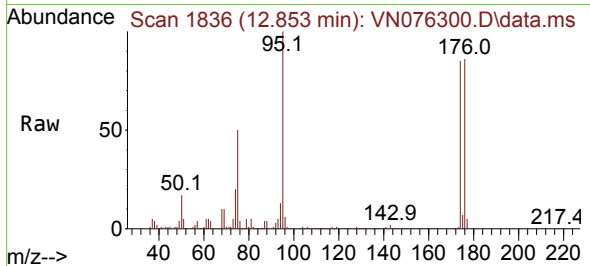




#76
1,2,3-Trichloropropane
Concen: 26.771 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN076300.D
Acq: 18 Jan 2023 17:30

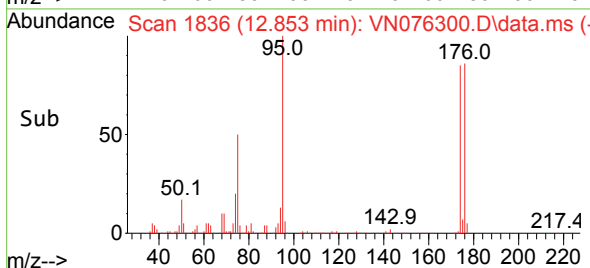
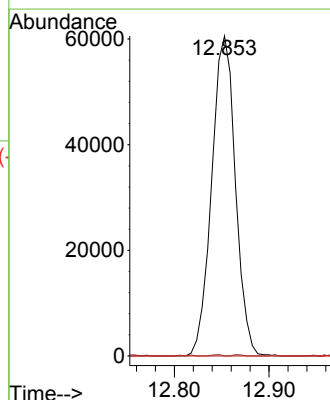
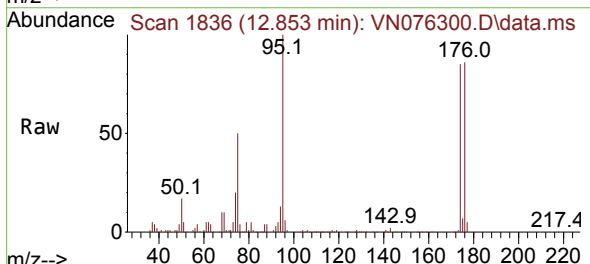
Instrument :
MSVOA_N
ClientSampleId :
PE-4

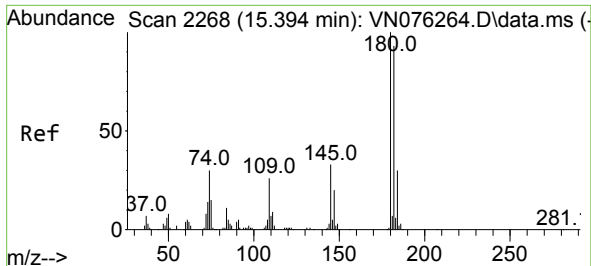
Tgt Ion: 75 Resp: 105481
Ion Ratio Lower Upper
75 100
77 0.8 75.2 225.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.481 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN076300.D
Acq: 18 Jan 2023 17:30

Tgt Ion: 75 Resp: 105481
Ion Ratio Lower Upper
75 100
53 0.1 75.8 113.8#
89 0.0 37.0 55.6#

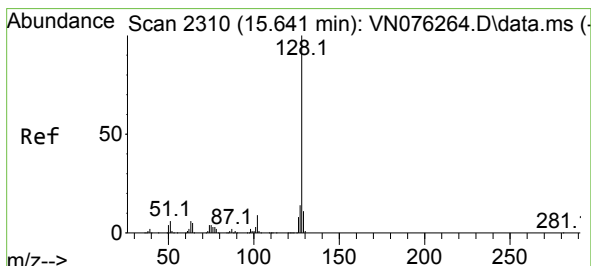
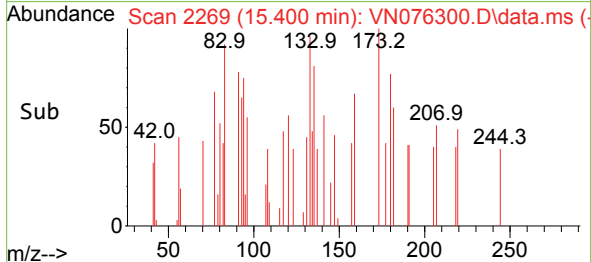
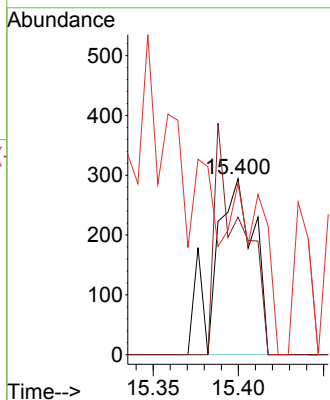
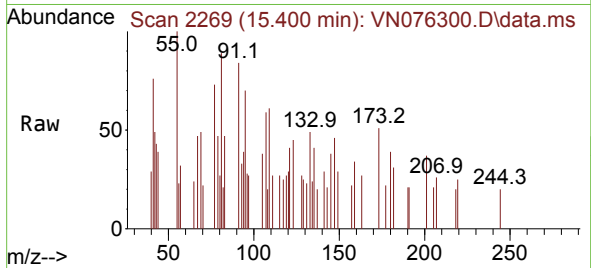




#93
 1,2,4-Trichlorobenzene
 Concen: 1.429 ug/l
 RT: 15.400 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN076300.D
 Acq: 18 Jan 2023 17:30

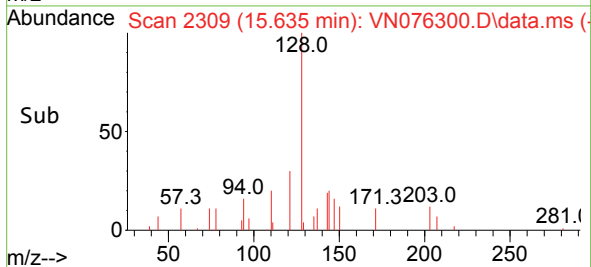
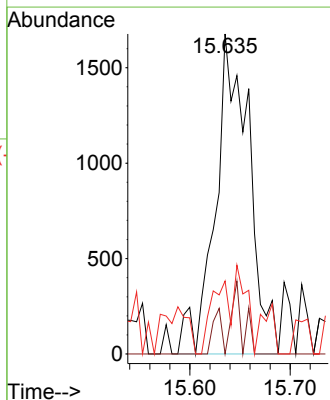
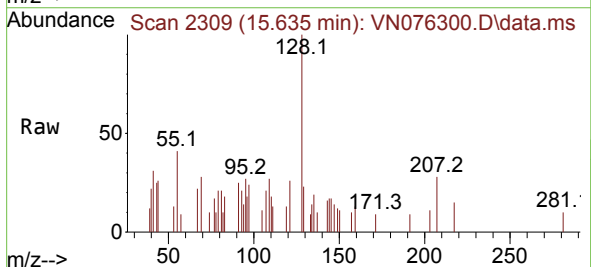
Instrument :
 MSVOA_N
 ClientSampleId :
 PE-4

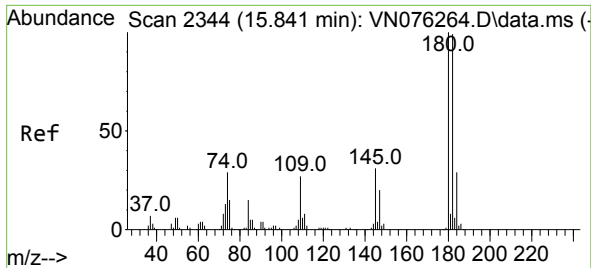
Tgt Ion:180 Resp: 474
 Ion Ratio Lower Upper
 180 100
 182 88.8 47.0 141.2
 145 0.0 15.2 45.5#



#95
 Naphthalene
 Concen: 2.181 ug/l
 RT: 15.635 min Scan# 2309
 Delta R.T. -0.006 min
 Lab File: VN076300.D
 Acq: 18 Jan 2023 17:30

Tgt Ion:128 Resp: 3931
 Ion Ratio Lower Upper
 128 100
 127 3.7 10.3 15.5#
 129 12.3 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 1.308 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN076300.D
 Acq: 18 Jan 2023 17:30

Instrument :
 MSVOA_N
 ClientSampleId :
 PE-4

Tgt Ion	Ratio	Lower	Upper
180	100		
182	72.0	47.5	142.5
145	57.6	15.9	47.6#

