

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082621\
 Data File : VY005860.D
 Acq On : 26 Aug 2021 14:55
 Operator : SY/MD
 Sample : M3547-03
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-2

Quant Time: Aug 27 03:26:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

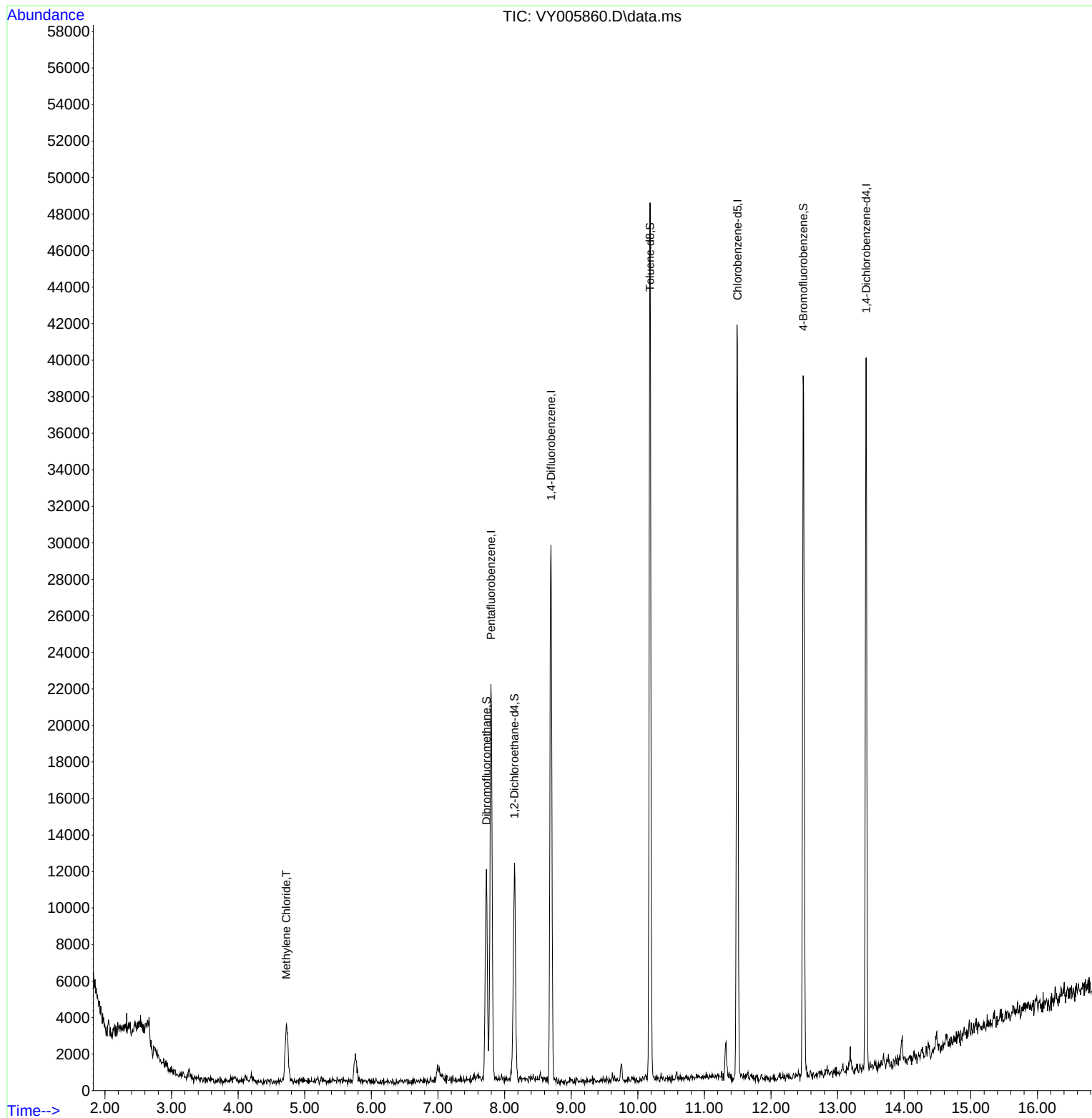
Internal Standards						
1) Pentafluorobenzene	7.795	168	17592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	26671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	23685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	9119	51.209	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.420%	
35) Dibromofluoromethane	7.728	113	7517	50.340	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.680%	
50) Toluene-d8	10.185	98	31942	51.005	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.000%	
62) 4-Bromofluorobenzene	12.483	95	9295	44.820	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.640%	
Target Compounds						Qvalue
20) Methylene Chloride	4.722	84	2461	8.836	ug/l	83

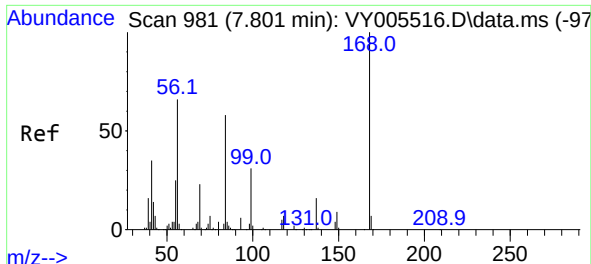
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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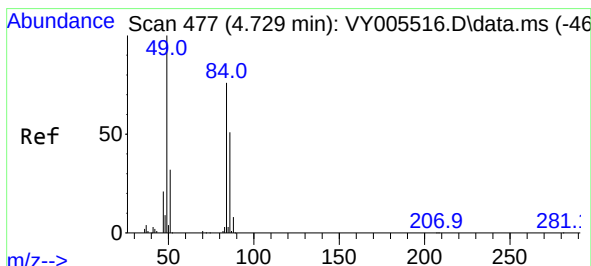
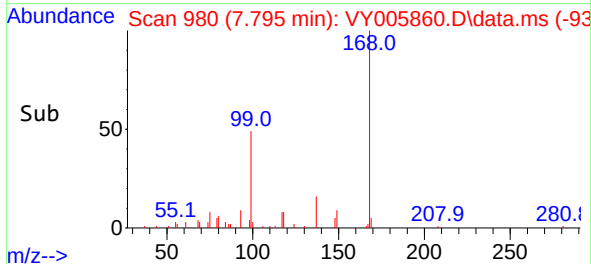
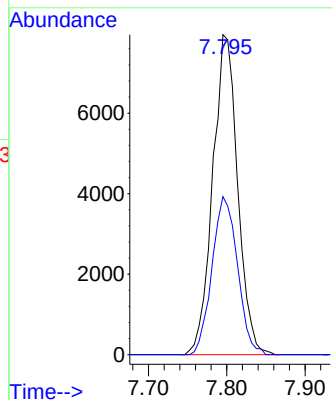
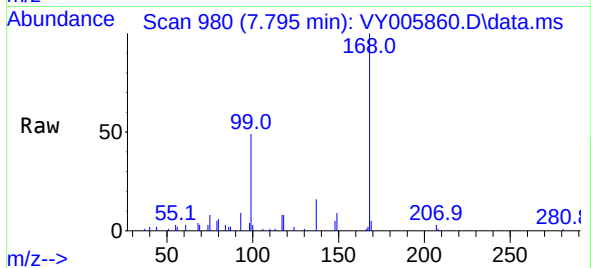




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005860.D
Acq: 26 Aug 2021 14:55

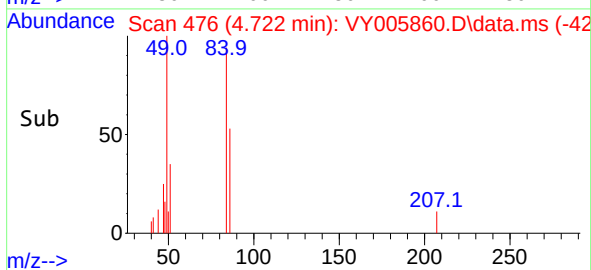
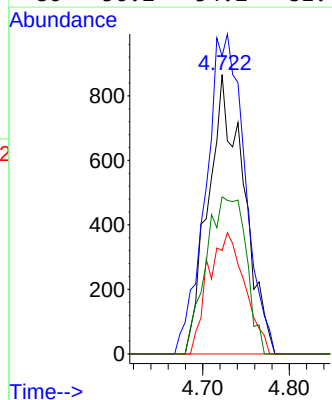
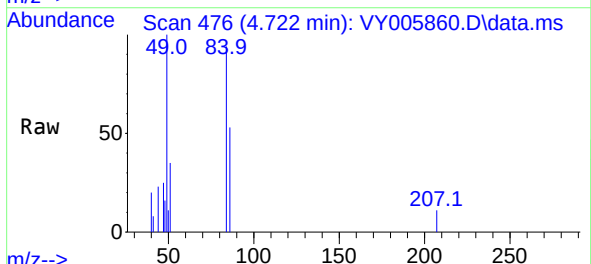
Instrument :
MSVOA_Y
ClientSampleId :
PE-2

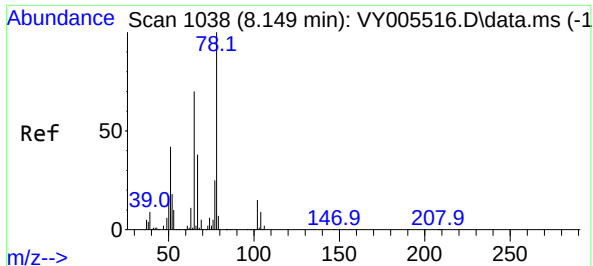
Tgt Ion:168 Resp: 17592
Ion Ratio Lower Upper
168 100
99 49.4 38.9 58.3



#20
Methylene Chloride
Concen: 8.836 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005860.D
Acq: 26 Aug 2021 14:55

Tgt Ion: 84 Resp: 2461
Ion Ratio Lower Upper
84 100
49 106.6 105.8 158.6
51 37.1 33.4 50.2
86 56.2 54.2 81.4

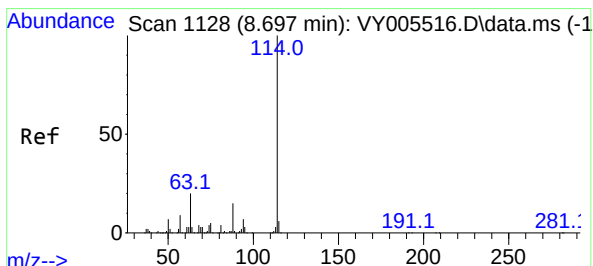
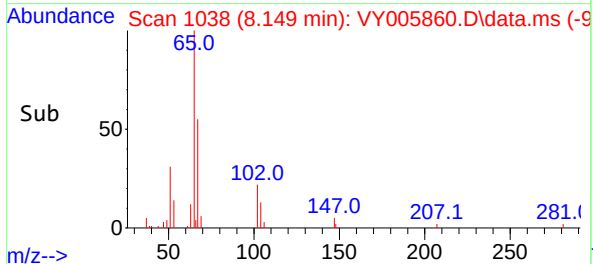
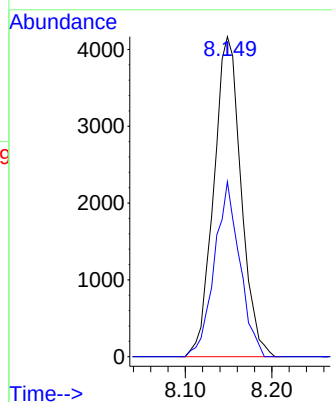
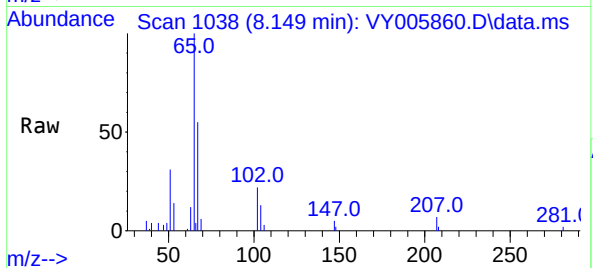




#33
1,2-Dichloroethane-d4
Concen: 51.209 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005860.D
Acq: 26 Aug 2021 14:55

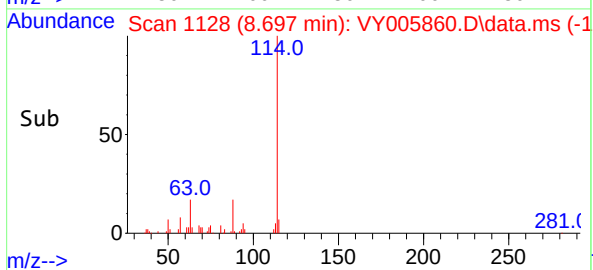
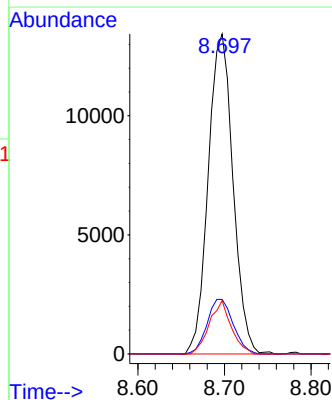
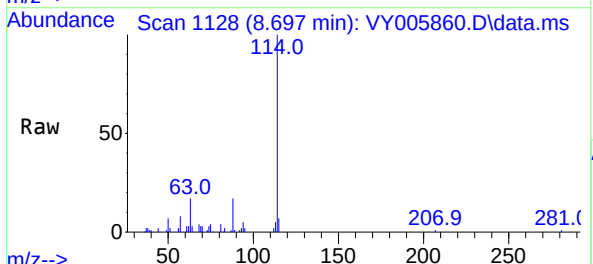
Instrument :
MSVOA_Y
ClientSampled :
PE-2

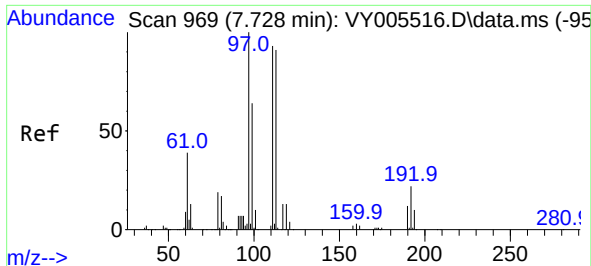
Tgt Ion: 65 Resp: 9119
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005860.D
Acq: 26 Aug 2021 14:55

Tgt Ion: 114 Resp: 26671
Ion Ratio Lower Upper
114 100
63 17.1 0.0 39.2
88 16.7 0.0 30.8

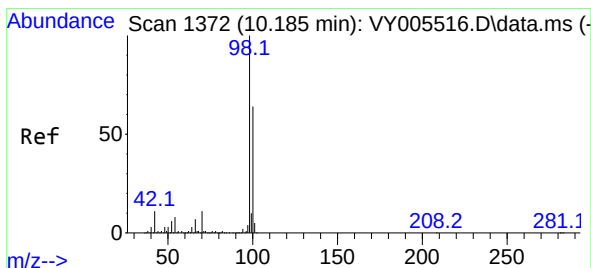
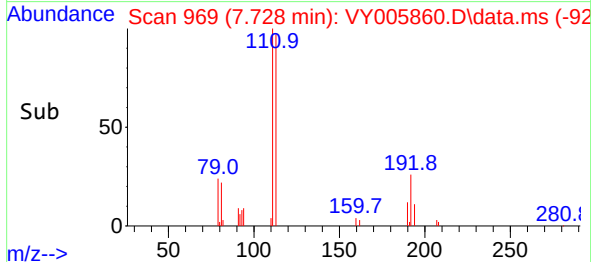
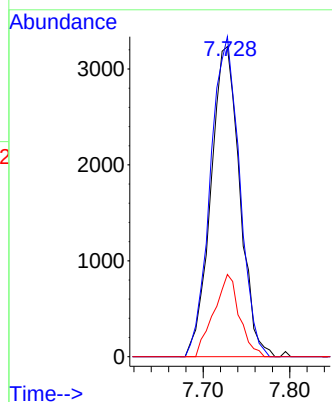
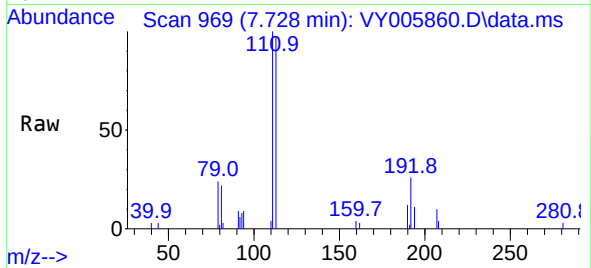




#35
Dibromofluoromethane
Concen: 50.340 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005860.D
Acq: 26 Aug 2021 14:55

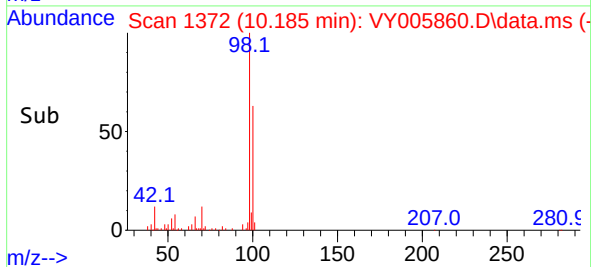
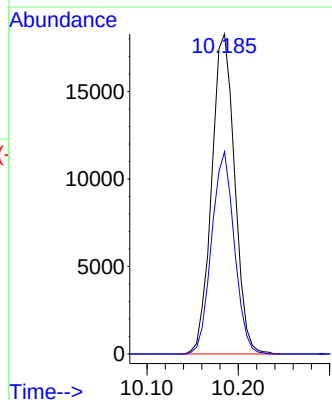
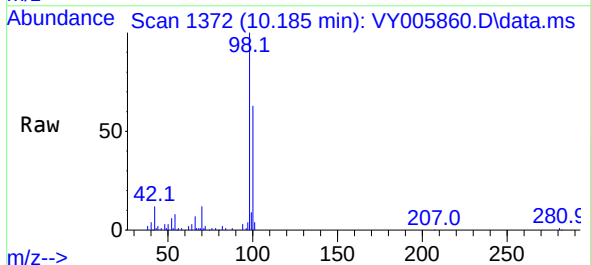
Instrument :
MSVOA_Y
ClientSampled :
PE-2

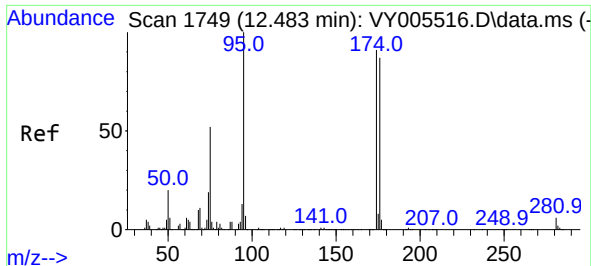
Tgt Ion:	113	Resp:	7517
Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.9	122.9
192	23.4	19.2	28.8



#50
Toluene-d8
Concen: 51.005 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005860.D
Acq: 26 Aug 2021 14:55

Tgt Ion:	98	Resp:	31942
Ion	Ratio	Lower	Upper
98	100		
100	62.5	51.3	76.9

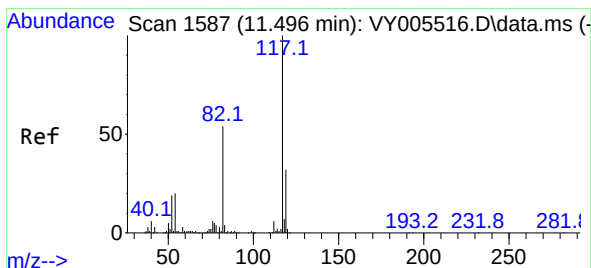
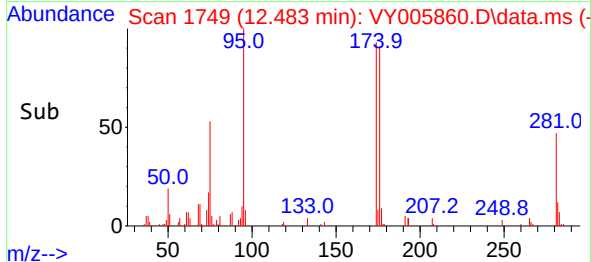
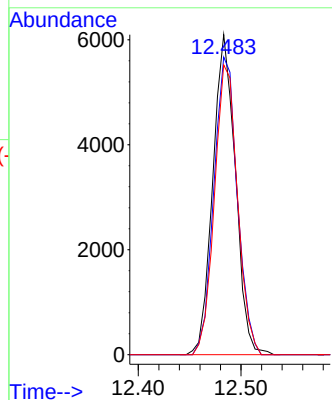
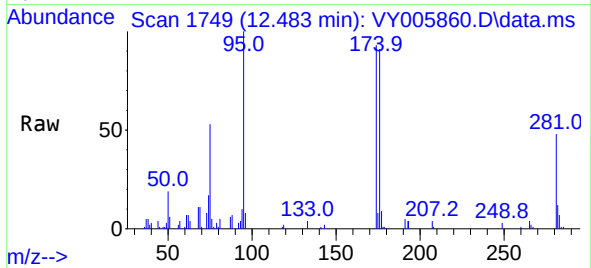




#62
4-Bromofluorobenzene
Concen: 44.820 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005860.D
Acq: 26 Aug 2021 14:55

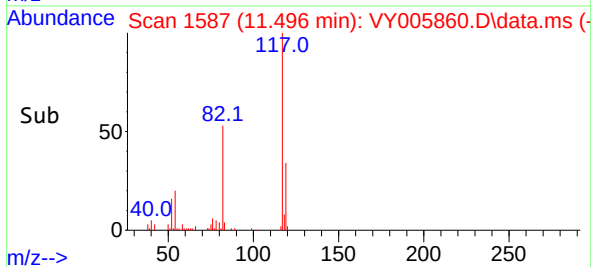
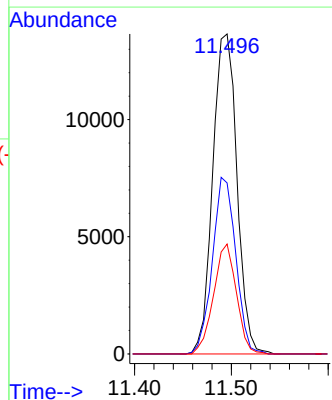
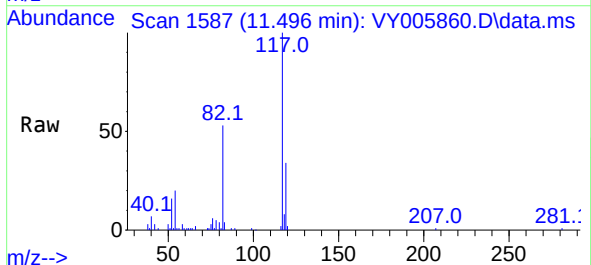
Instrument :
MSVOA_Y
ClientSampleId :
PE-2

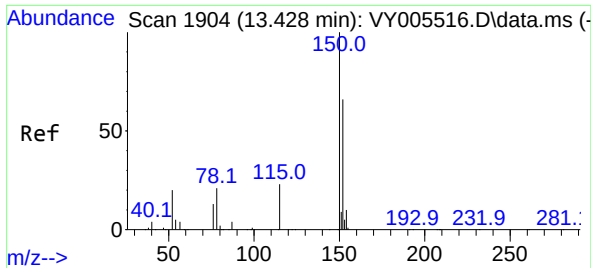
Tgt Ion:	95	Resp:	9295
Ion	Ratio	Lower	Upper
95	100		
174	96.3	0.0	191.4
176	92.5	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005860.D
Acq: 26 Aug 2021 14:55

Tgt Ion:	117	Resp:	23685
Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.5	65.3
119	34.3	25.5	38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005860.D
 Acq: 26 Aug 2021 14:55

Instrument :
 MSVOA_Y
 ClientSampled :
 PE-2

Tgt Ion:	152	Resp:	9961
Ion	Ratio	Lower	Upper
152	100		
115	53.9	27.3	81.9
150	161.6	0.0	350.2

