

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081721\
 Data File : VY005722.D
 Acq On : 17 Aug 2021 19:48
 Operator : SY/MD
 Sample : M3430-04
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-4

Quant Time: Aug 18 01:53:37 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)

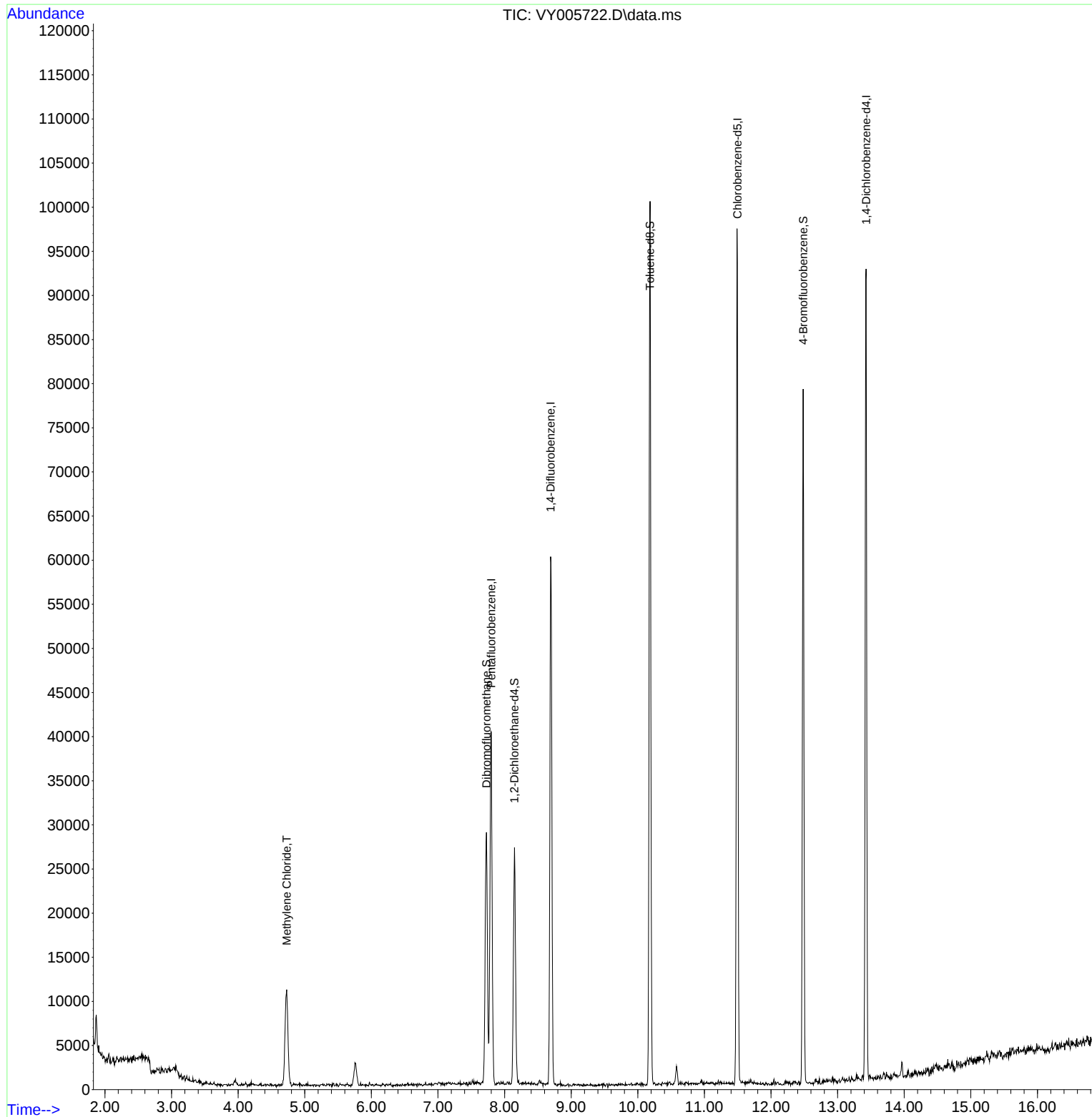
Internal Standards						
1) Pentafluorobenzene	7.801	168	32997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	52614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	51974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	24538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	21275	63.695	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 127.400%		
35) Dibromofluoromethane	7.728	113	19099	64.836	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 129.680%		
50) Toluene-d8	10.185	98	66012	53.433	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 106.860%		
62) 4-Bromofluorobenzene	12.483	95	21421	52.360	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 104.720%		
Target Compounds						
20) Methylene Chloride	4.728	84	8039	20.507	ug/l	Qvalue 92

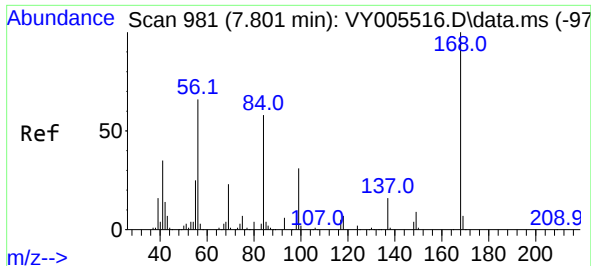
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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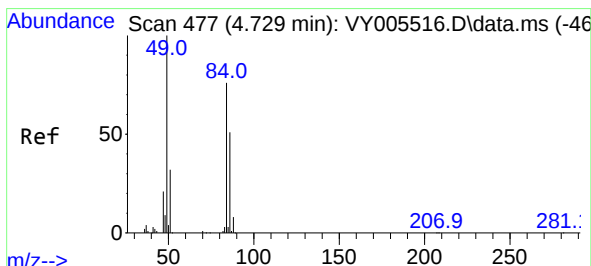
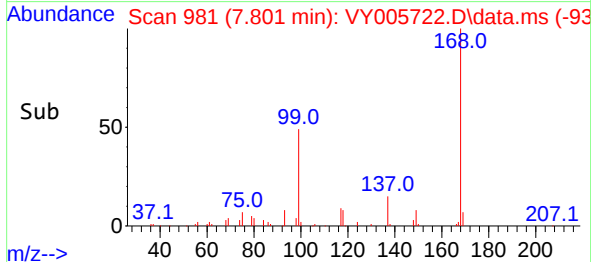
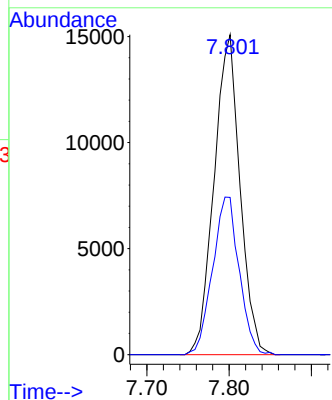
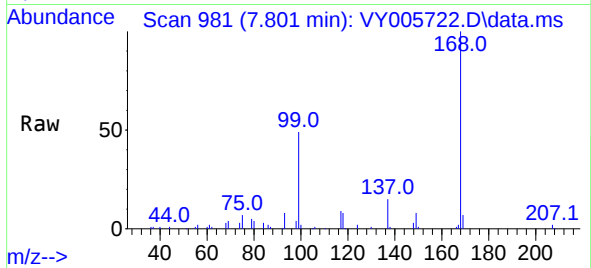




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005722.D
Acq: 17 Aug 2021 19:48

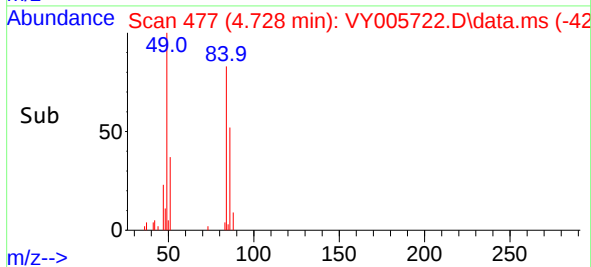
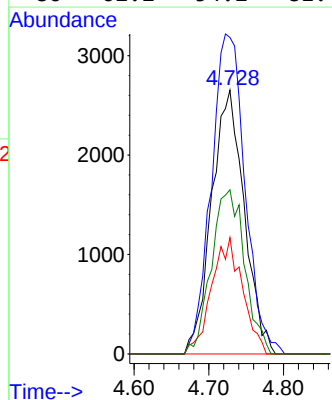
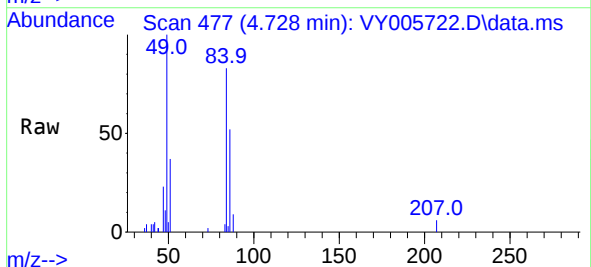
Instrument :
MSVOA_Y
ClientSampled :
PE-4

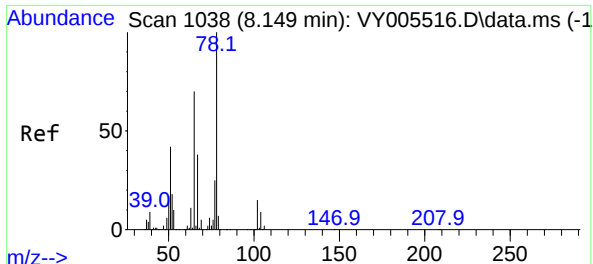
Tgt Ion:168 Resp: 32997
Ion Ratio Lower Upper
168 100
99 49.2 38.9 58.3



#20
Methylene Chloride
Concen: 20.507 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005722.D
Acq: 17 Aug 2021 19:48

Tgt Ion: 84 Resp: 8039
Ion Ratio Lower Upper
84 100
49 119.9 105.8 158.6
51 44.0 33.4 50.2
86 62.2 54.2 81.4

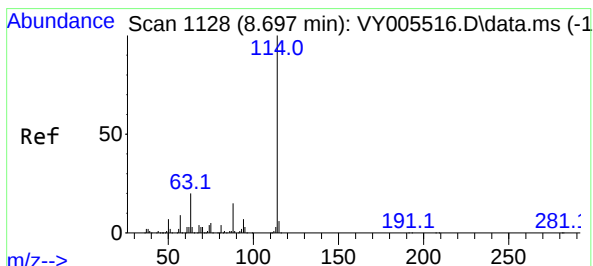
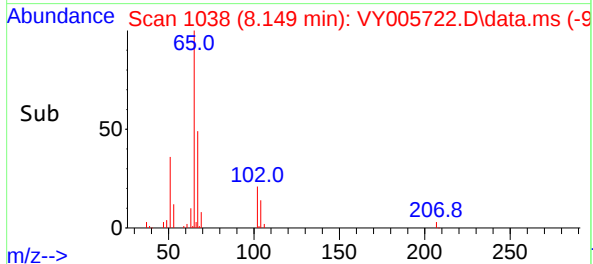
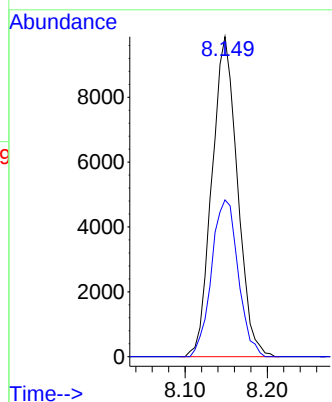
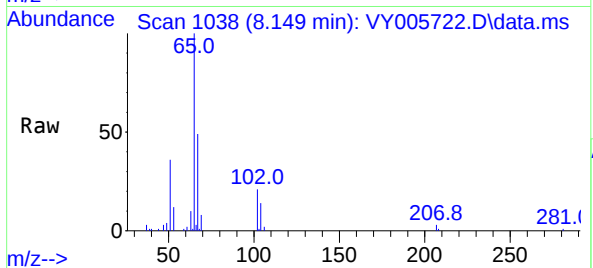




#33
1,2-Dichloroethane-d4
Concen: 63.695 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005722.D
Acq: 17 Aug 2021 19:48

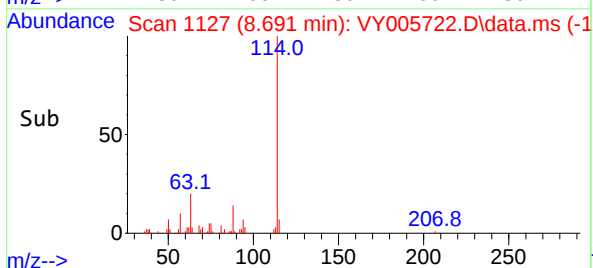
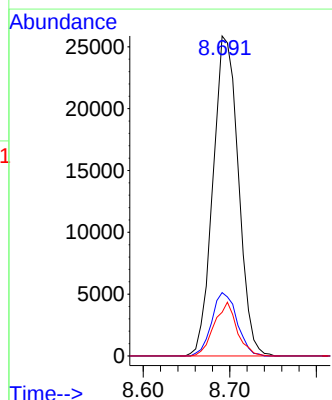
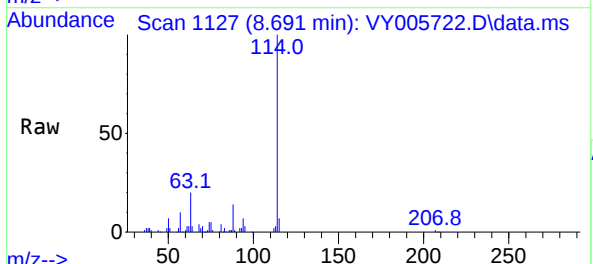
Instrument :
MSVOA_Y
ClientSampled :
PE-4

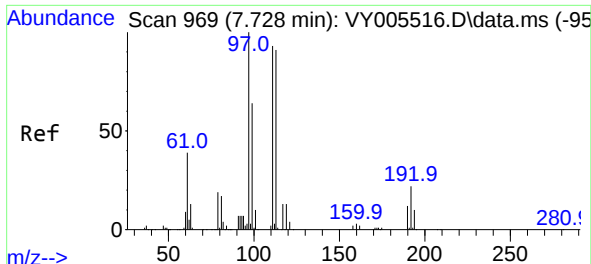
Tgt Ion: 65 Resp: 21275
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY005722.D
Acq: 17 Aug 2021 19:48

Tgt Ion: 114 Resp: 52614
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.2
88 13.6 0.0 30.8

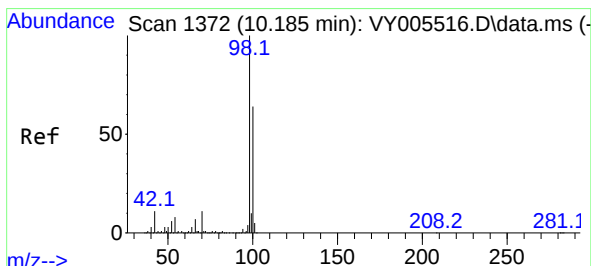
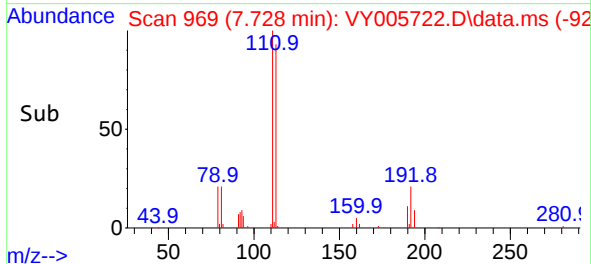
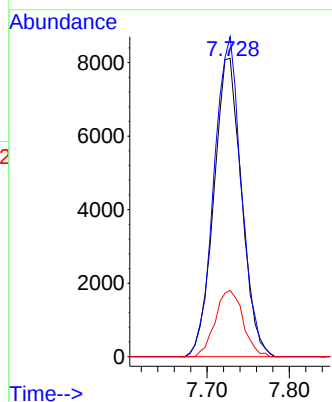
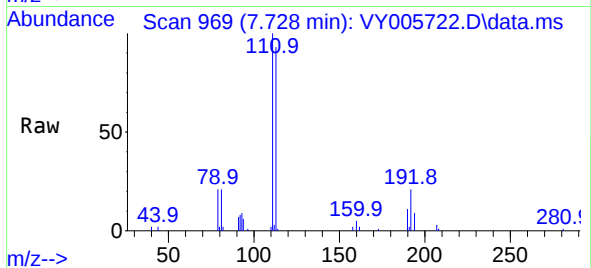




#35
Dibromofluoromethane
Concen: 64.836 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005722.D
Acq: 17 Aug 2021 19:48

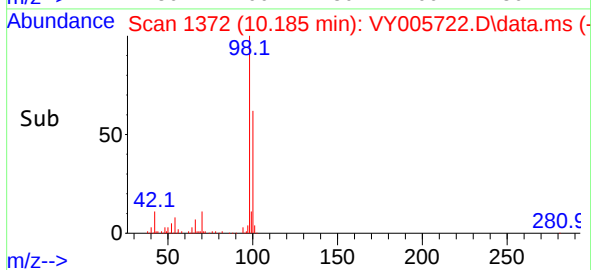
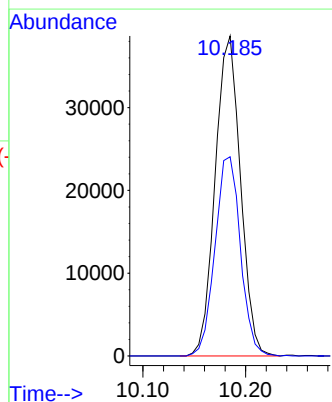
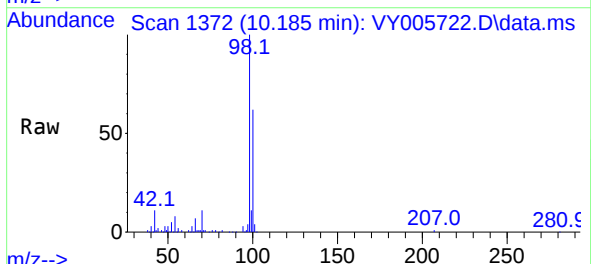
Instrument :
MSVOA_Y
ClientSampled :
PE-4

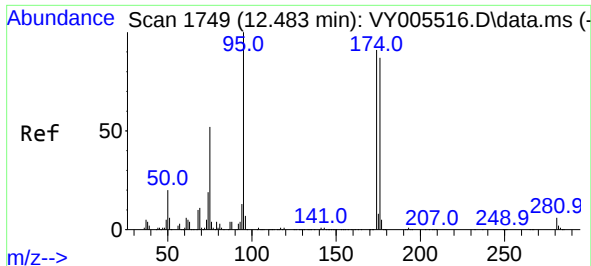
Tgt Ion:	113	Resp:	19099
Ion	Ratio	Lower	Upper
113	100		
111	104.9	81.9	122.9
192	22.2	19.2	28.8



#50
Toluene-d8
Concen: 53.433 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005722.D
Acq: 17 Aug 2021 19:48

Tgt Ion:	98	Resp:	66012
Ion	Ratio	Lower	Upper
98	100		
100	62.6	51.3	76.9

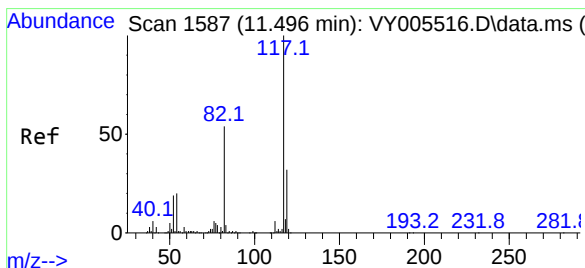
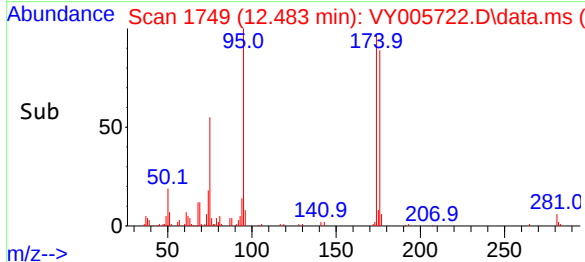
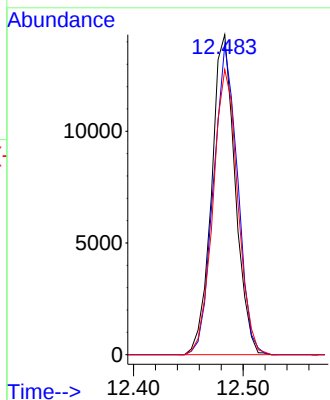
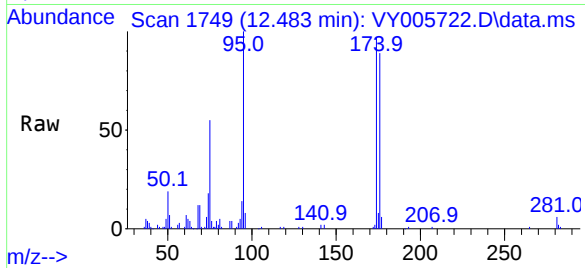




#62
4-Bromofluorobenzene
Concen: 52.360 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005722.D
Acq: 17 Aug 2021 19:48

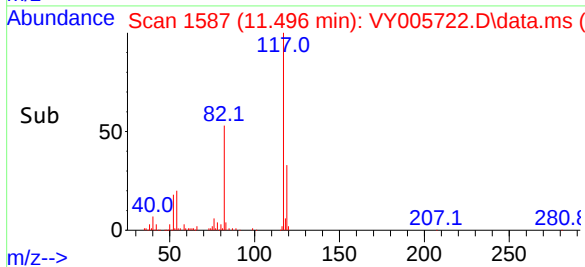
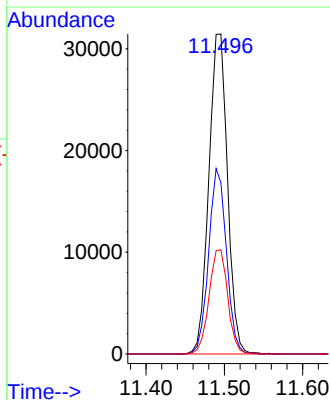
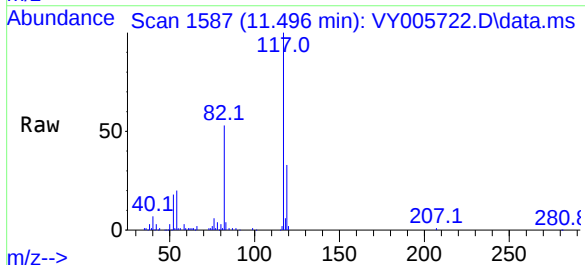
Instrument :
MSVOA_Y
ClientSampled :
PE-4

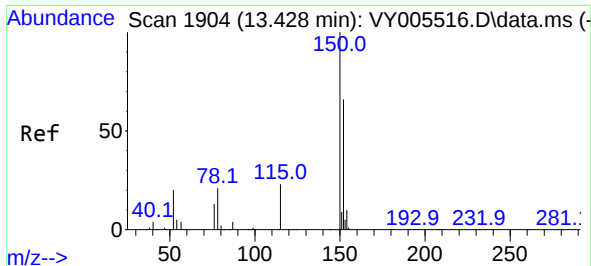
Tgt Ion:	95	Resp:	21421
Ion Ratio	Lower	Upper	
95	100		
174	98.4	0.0	191.4
176	93.7	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005722.D
Acq: 17 Aug 2021 19:48

Tgt Ion:	117	Resp:	51974
Ion Ratio	Lower	Upper	
117	100		
82	53.4	43.5	65.3
119	32.5	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: VY005722.D
 Acq: 17 Aug 2021 19:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-4

Tgt Ion:152 Resp: 24538
 Ion Ratio Lower Upper
 152 100
 115 54.4 27.3 81.9
 150 156.6 0.0 350.2

