

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101521\
 Data File : VY006412.D
 Acq On : 15 Oct 2021 17:24
 Operator : SY/MD
 Sample : M4249-10
 Misc : 4.67G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2-(D)

Quant Time: Oct 18 04:46:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

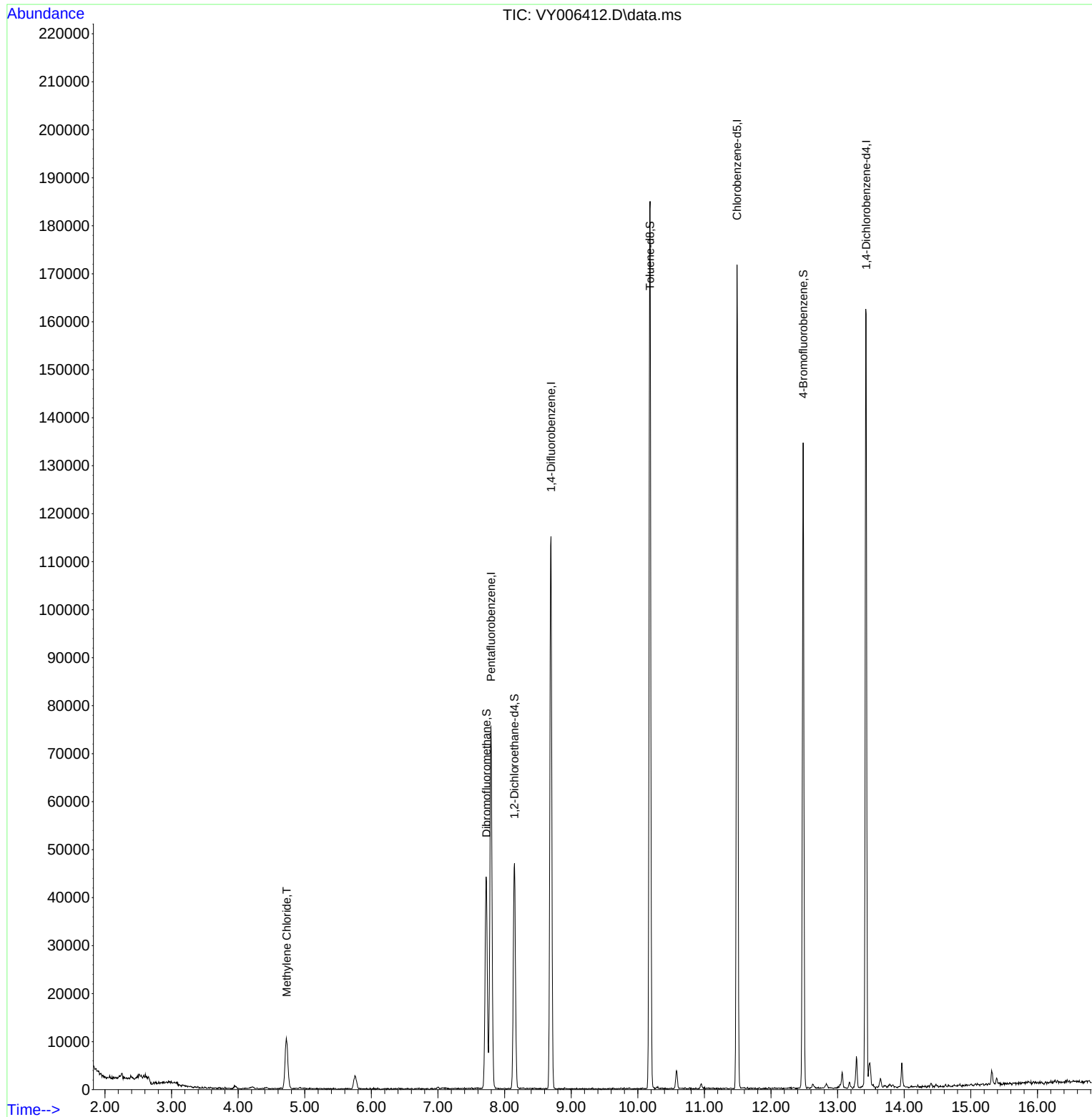
Internal Standards						
1) Pentafluorobenzene	7.795	168	59466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	94914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	89236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	40785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	39692	62.364	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.720%	
35) Dibromofluoromethane	7.728	113	29393	57.964	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.920%	
50) Toluene-d8	10.185	98	121480	57.241	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 114.480%	
62) 4-Bromofluorobenzene	12.483	95	36099	50.071	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.140%	
Target Compounds						Qvalue
20) Methylene Chloride	4.729	84	7202	8.657	ug/l	96

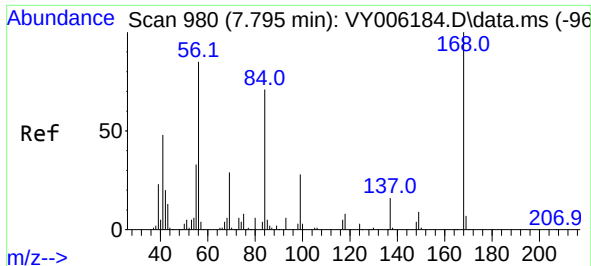
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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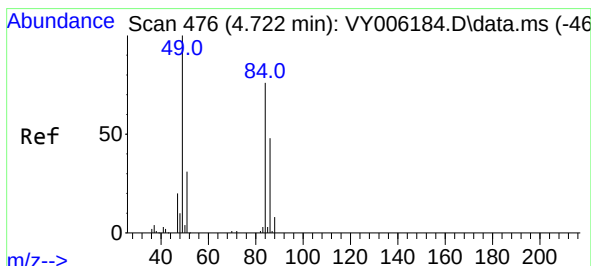
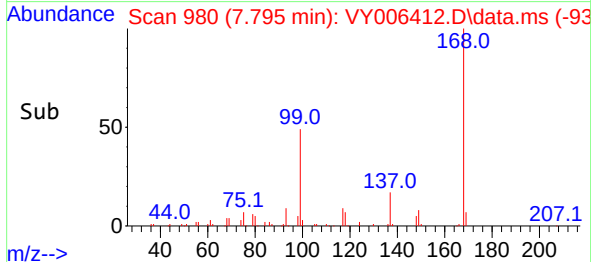
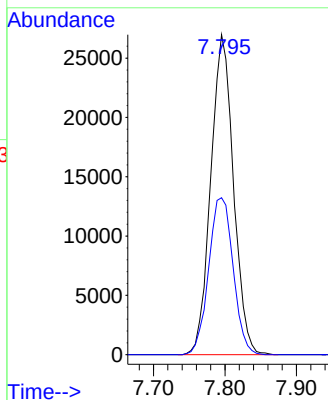
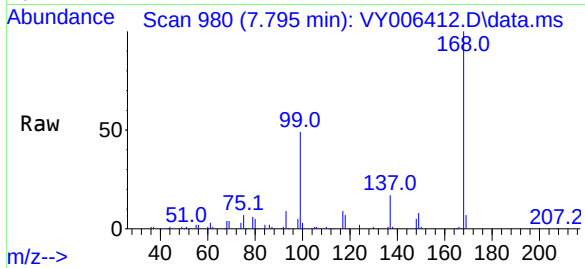




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006412.D
Acq: 15 Oct 2021 17:24

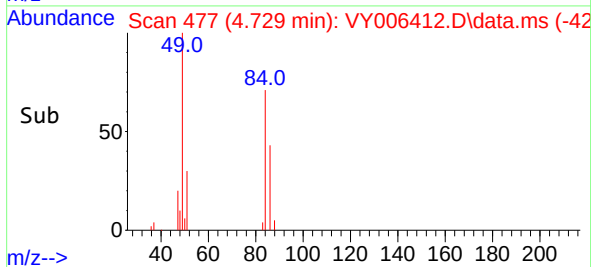
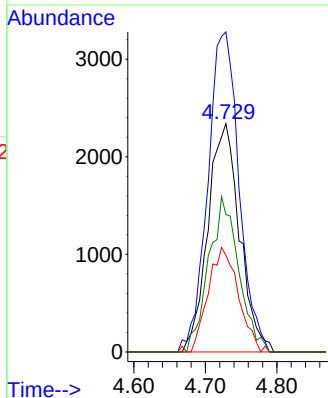
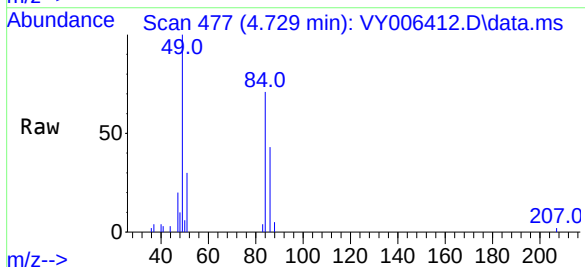
Instrument :
MSVOA_Y
ClientSampleId :
TP2-(D)

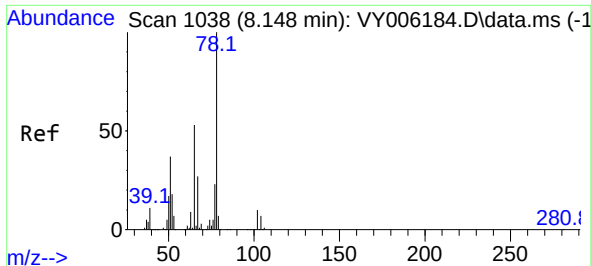
Tgt Ion:168 Resp: 59466
Ion Ratio Lower Upper
168 100
99 49.1 46.9 70.3



#20
Methylene Chloride
Concen: 8.657 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY006412.D
Acq: 15 Oct 2021 17:24

Tgt Ion: 84 Resp: 7202
Ion Ratio Lower Upper
84 100
49 140.1 114.4 171.6
51 42.4 35.3 52.9
86 60.1 53.7 80.5

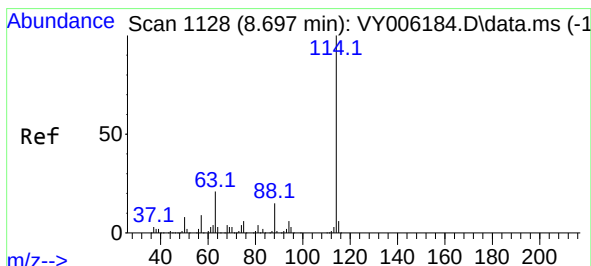
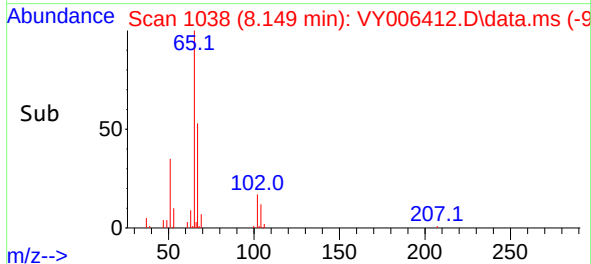
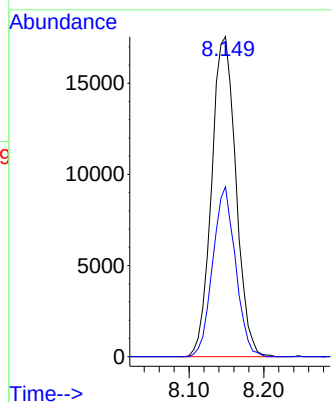
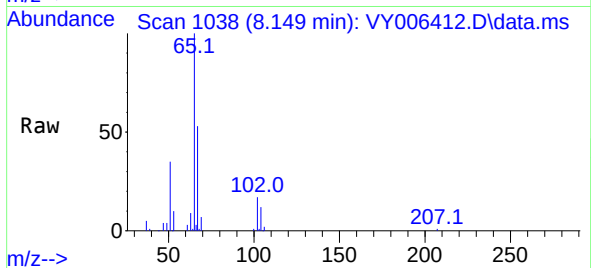




#33
1,2-Dichloroethane-d4
Concen: 62.364 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006412.D
Acq: 15 Oct 2021 17:24

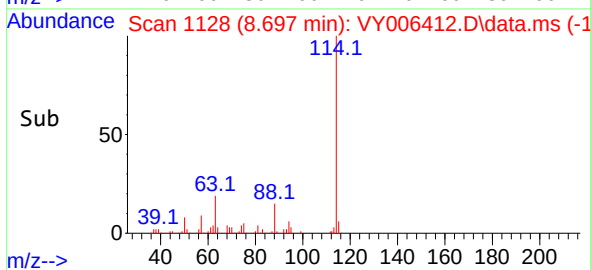
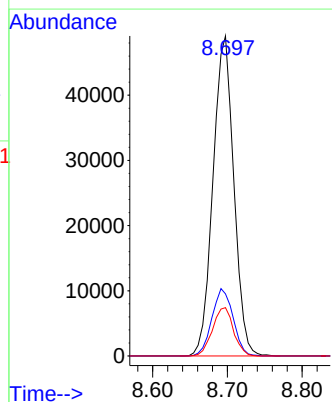
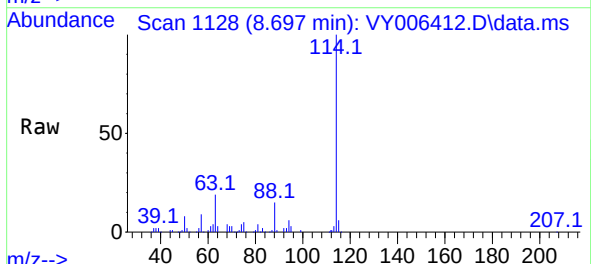
Instrument :
MSVOA_Y
ClientSampleId :
TP2-(D)

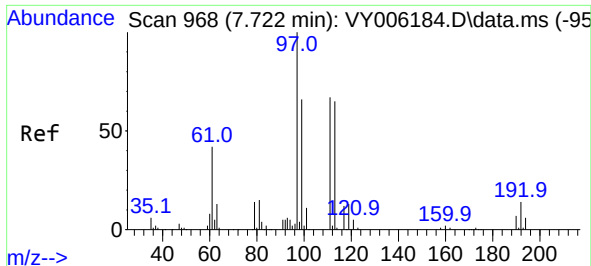
Tgt Ion: 65 Resp: 39692
Ion Ratio Lower Upper
65 100
67 49.7 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006412.D
Acq: 15 Oct 2021 17:24

Tgt Ion:114 Resp: 94914
Ion Ratio Lower Upper
114 100
63 19.4 0.0 43.2
88 15.1 0.0 31.8

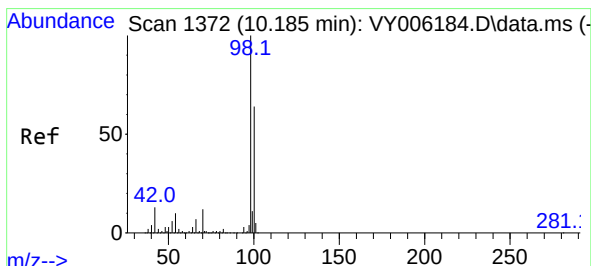
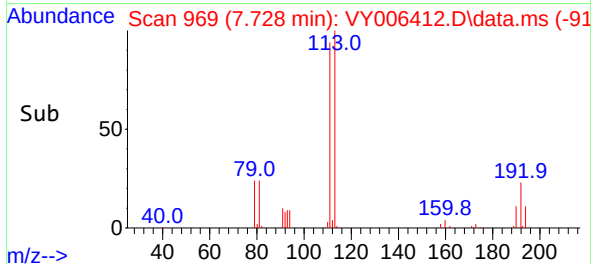
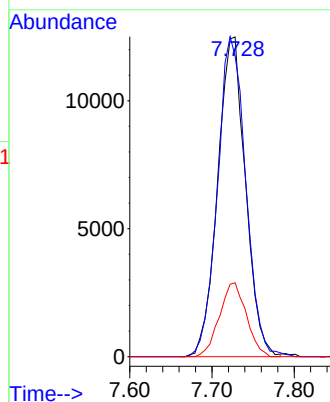
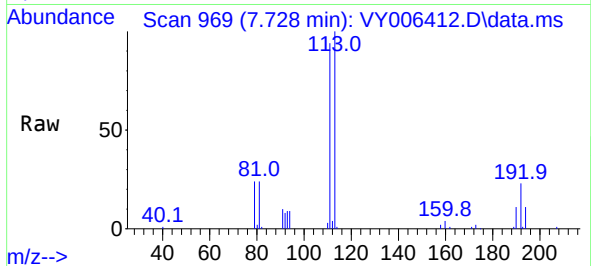




#35
Dibromofluoromethane
Concen: 57.964 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006412.D
Acq: 15 Oct 2021 17:24

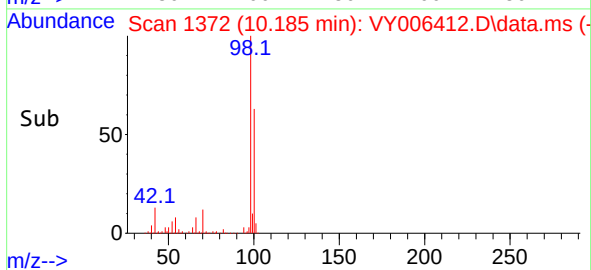
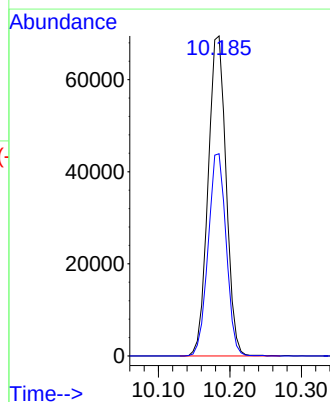
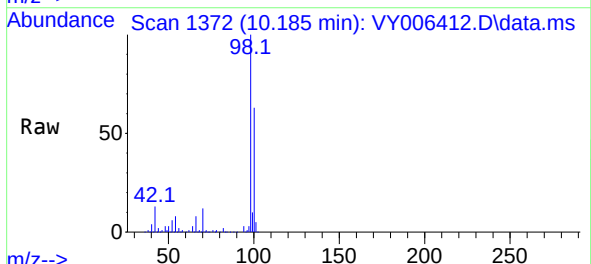
Instrument :
MSVOA_Y
ClientSampleId :
TP2-(D)

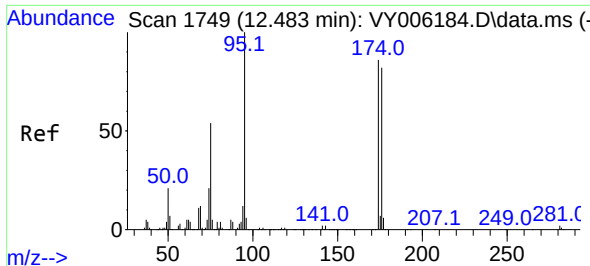
Tgt Ion:113 Resp: 29393
Ion Ratio Lower Upper
113 100
111 101.4 82.6 124.0
192 22.4 17.6 26.4



#50
Toluene-d8
Concen: 57.241 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006412.D
Acq: 15 Oct 2021 17:24

Tgt Ion: 98 Resp: 121480
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2



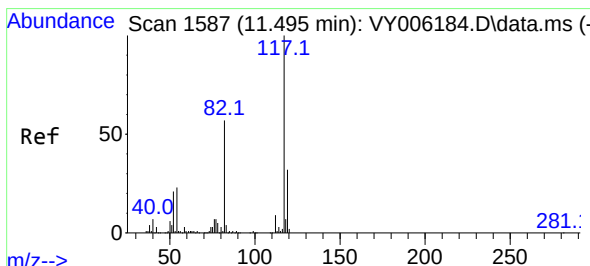
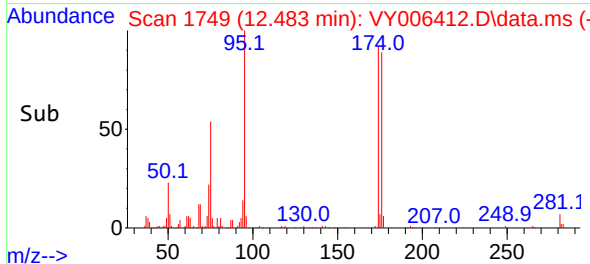
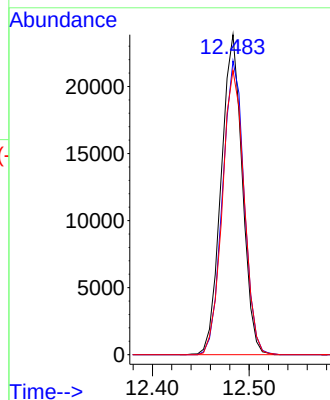
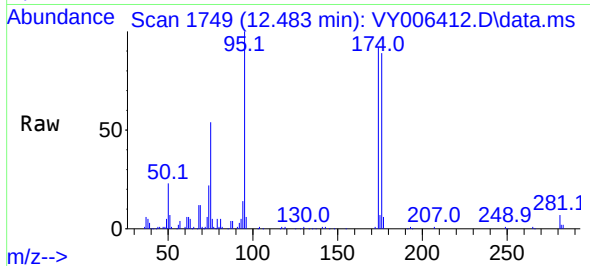


#62
4-Bromofluorobenzene
Concen: 50.071 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006412.D
Acq: 15 Oct 2021 17:24

Instrument :
MSVOA_Y
ClientSampleId :
TP2-(D)

Tgt Ion: 95 Resp: 36099

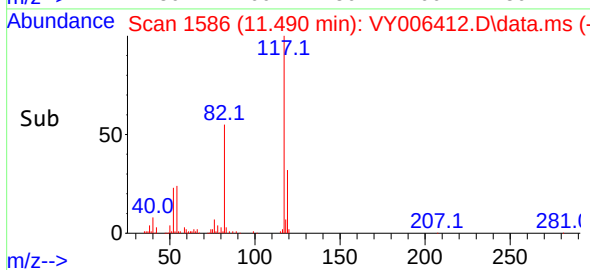
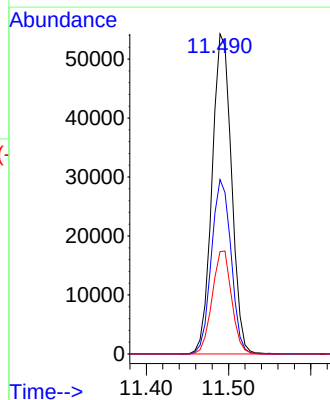
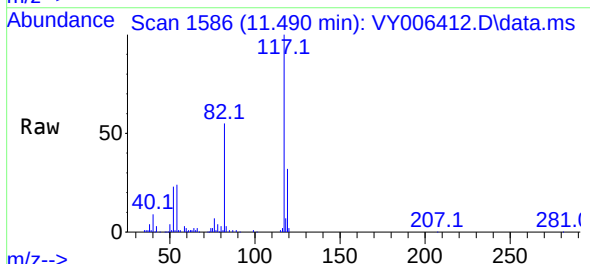
Ion	Ratio	Lower	Upper
95	100		
174	93.6	0.0	177.0
176	91.5	0.0	175.8



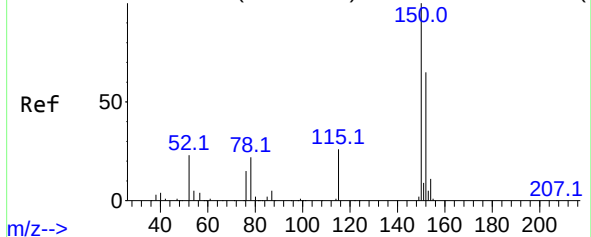
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006412.D
Acq: 15 Oct 2021 17:24

Tgt Ion: 117 Resp: 89236

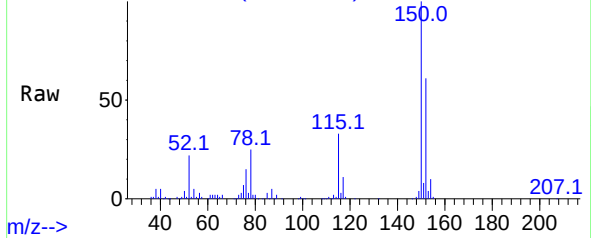
Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.0	64.4
119	32.0	25.4	38.0



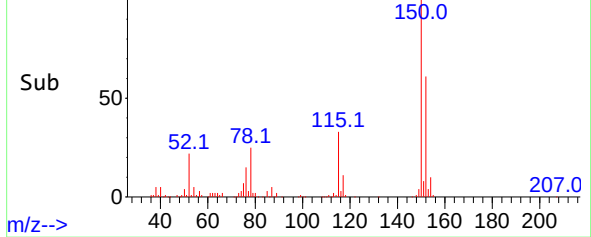
Abundance Scan 1904 (13.428 min): VY006184.D\data.ms (-



Abundance Scan 1904 (13.428 min): VY006412.D\data.ms (-

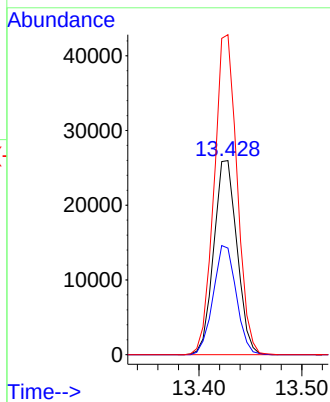


Abundance Scan 1904 (13.428 min): VY006412.D\data.ms (-



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006412.D
Acq: 15 Oct 2021 17:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.8	28.2	84.7
150	162.5	0.0	347.6



Instrument :
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TP2-(D)