

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101521\
 Data File : VY006411.D
 Acq On : 15 Oct 2021 17:01
 Operator : SY/MD
 Sample : M4249-07
 Misc : 5.13G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2-(S)

Quant Time: Oct 18 04:46:08 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)

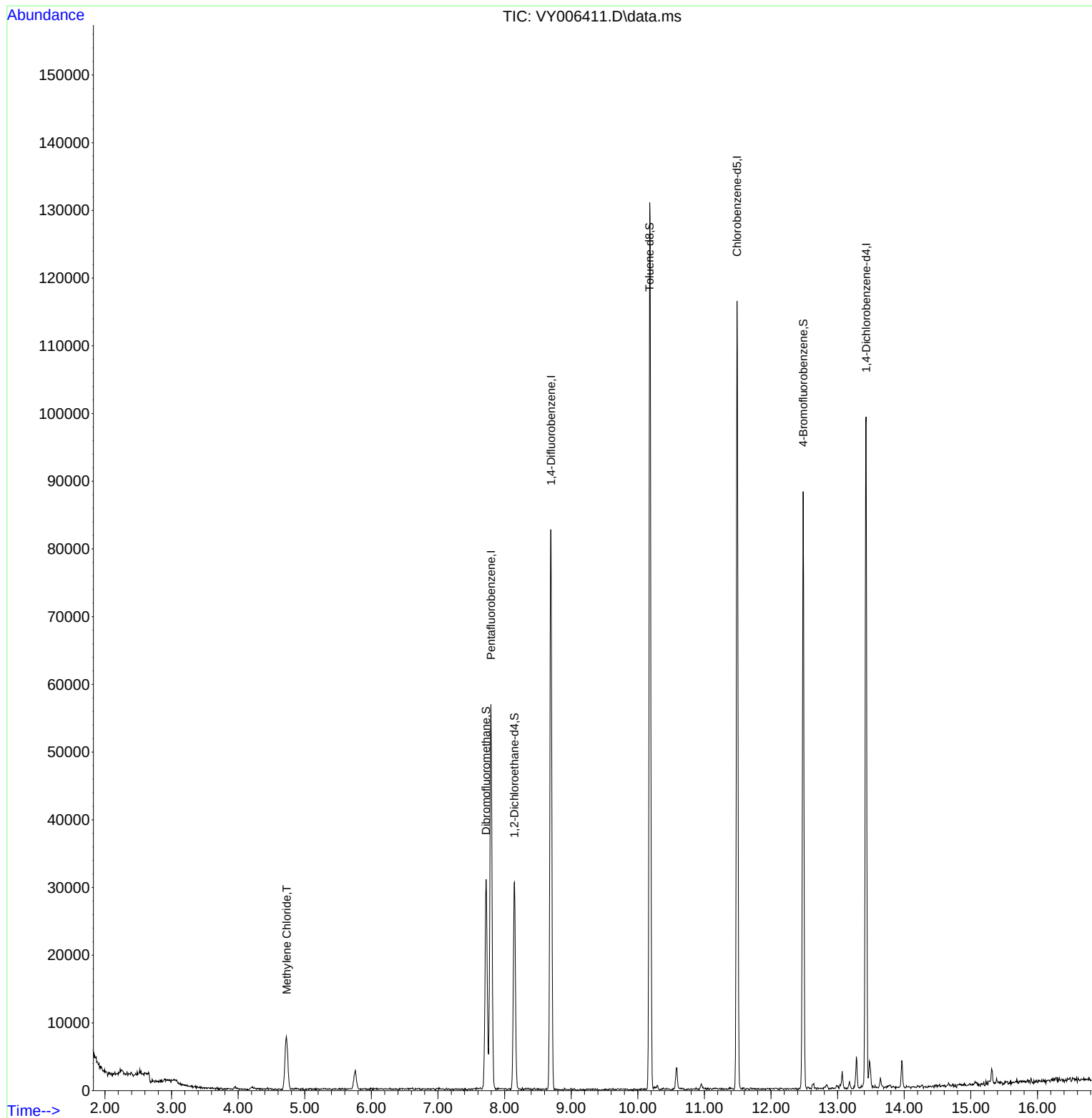
Internal Standards						
1) Pentafluorobenzene	7.795	168	44216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	67904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	60884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	25675	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	25290	53.440	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.880%	
35) Dibromofluoromethane	7.722	113	20104	55.416	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.840%	
50) Toluene-d8	10.179	98	85082	56.037	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.080%	
62) 4-Bromofluorobenzene	12.483	95	23268	45.111	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.220%	
Target Compounds						Qvalue
20) Methylene Chloride	4.729	84	5485	8.966	ug/l	87

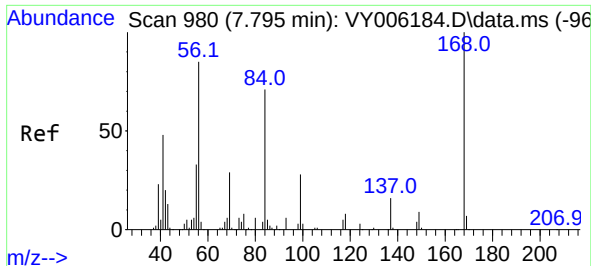
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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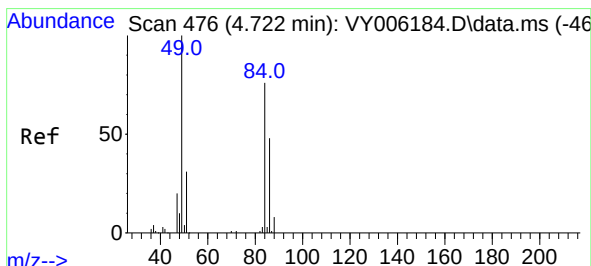
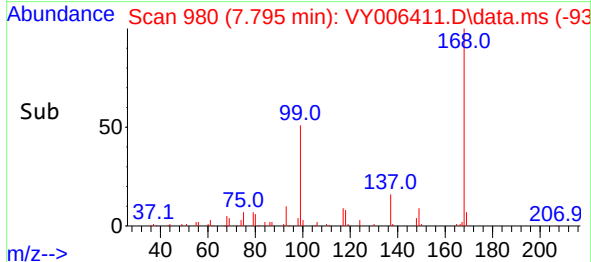
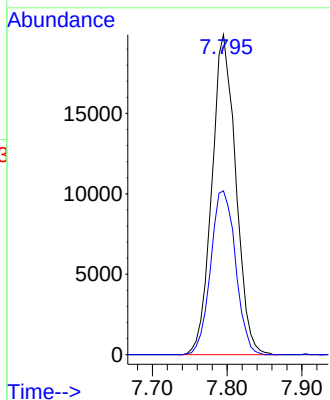
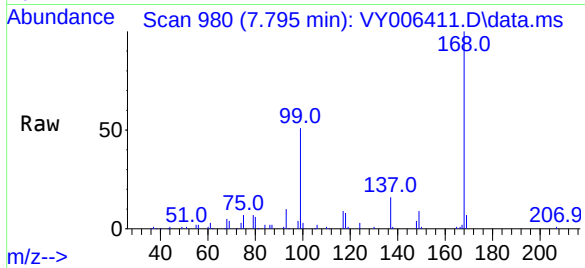




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006411.D
Acq: 15 Oct 2021 17:01

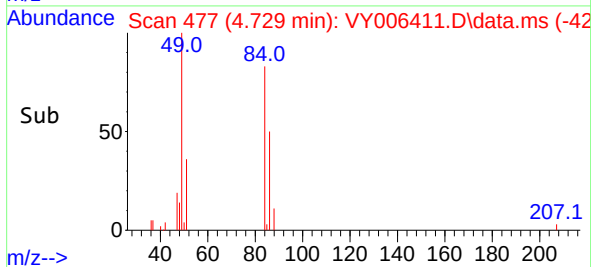
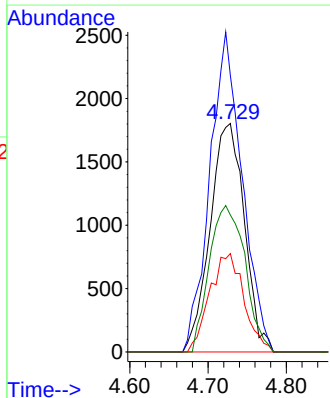
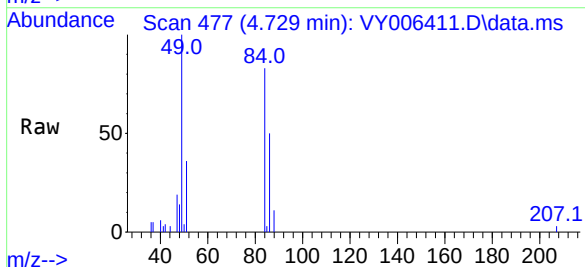
Instrument :
MSVOA_Y
ClientSampleId :
TP2-(S)

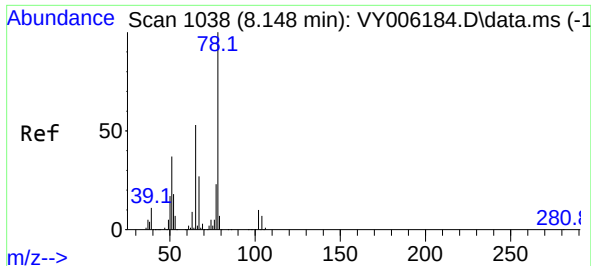
Tgt Ion:168 Resp: 44216
Ion Ratio Lower Upper
168 100
99 51.2 46.9 70.3



#20
Methylene Chloride
Concen: 8.966 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY006411.D
Acq: 15 Oct 2021 17:01

Tgt Ion: 84 Resp: 5485
Ion Ratio Lower Upper
84 100
49 121.0 114.4 171.6
51 43.1 35.3 52.9
86 59.9 53.7 80.5

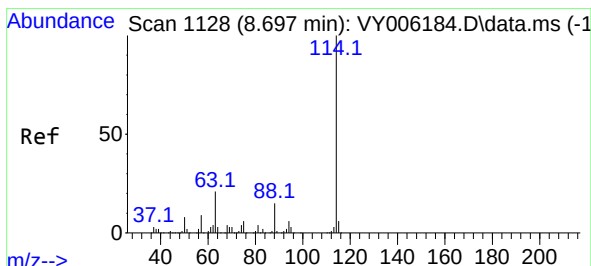
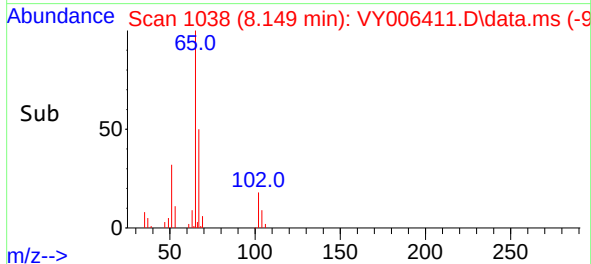
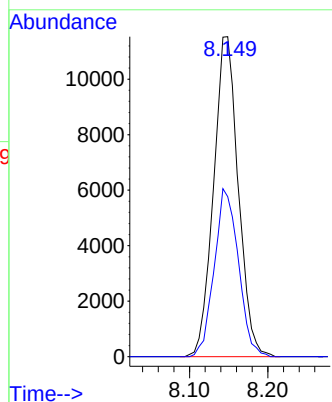
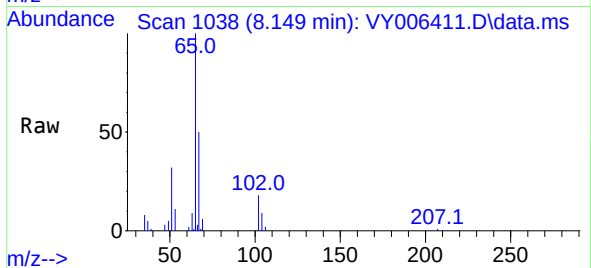




#33
1,2-Dichloroethane-d4
Concen: 53.440 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006411.D
Acq: 15 Oct 2021 17:01

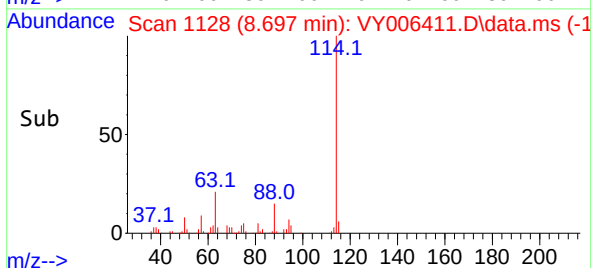
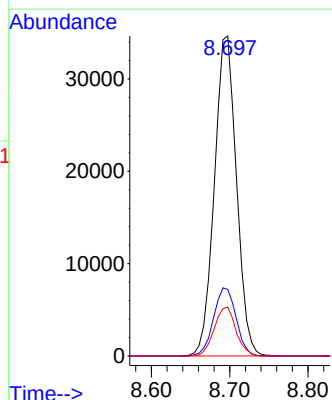
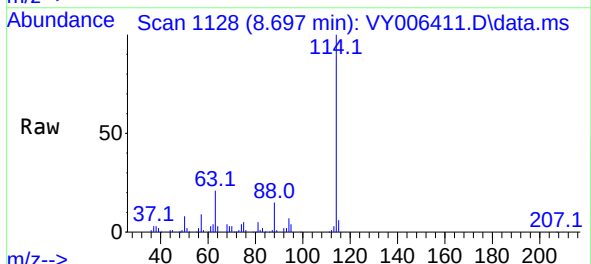
Instrument :
MSVOA_Y
ClientSampleId :
TP2-(S)

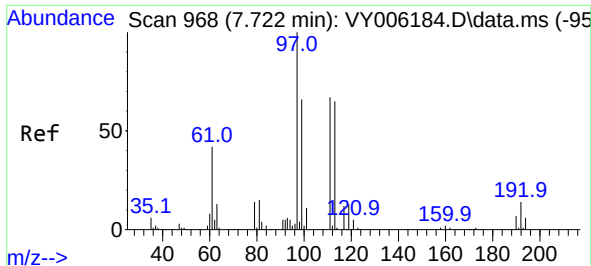
Tgt Ion: 65 Resp: 25290
Ion Ratio Lower Upper
65 100
67 51.3 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006411.D
Acq: 15 Oct 2021 17:01

Tgt Ion:114 Resp: 67904
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.2
88 15.2 0.0 31.8

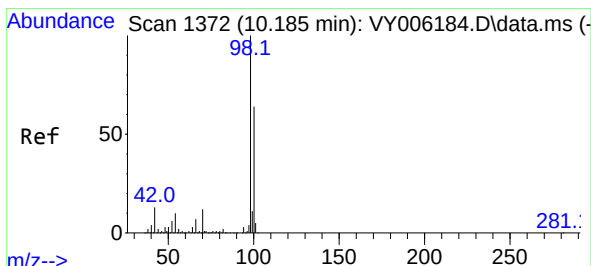
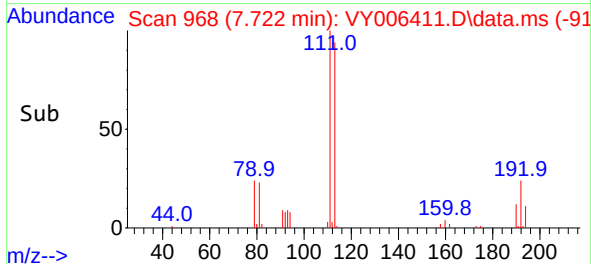
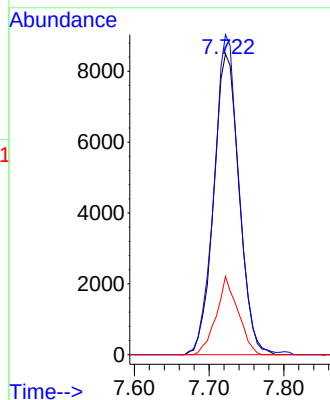
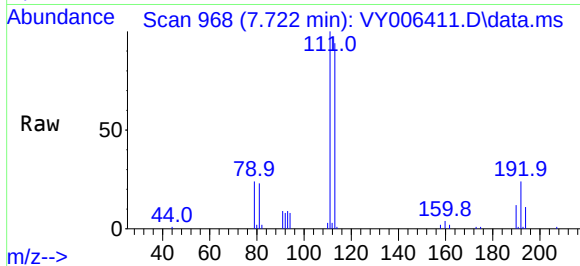




#35
Dibromofluoromethane
Concen: 55.416 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006411.D
Acq: 15 Oct 2021 17:01

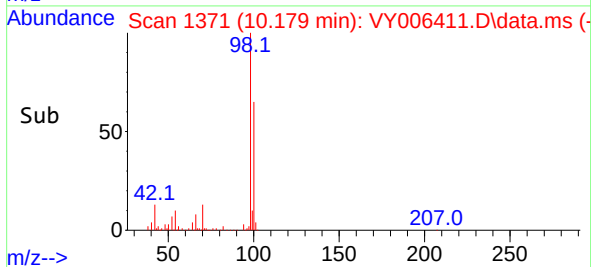
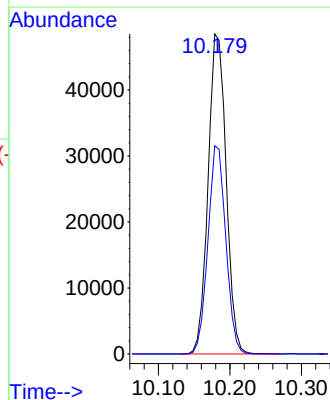
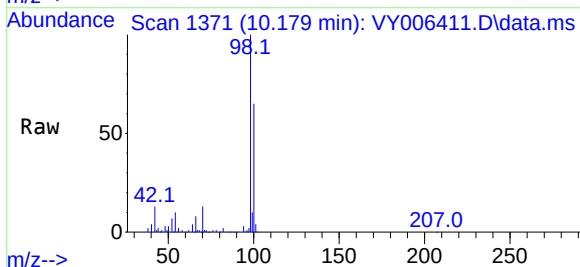
Instrument :
MSVOA_Y
ClientSampleId :
TP2-(S)

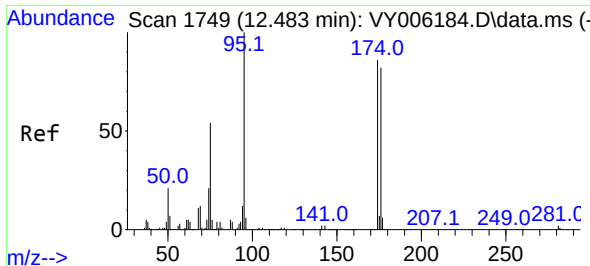
Tgt Ion:	113	Resp:	20104
Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.6	124.0
192	22.3	17.6	26.4



#50
Toluene-d8
Concen: 56.037 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006411.D
Acq: 15 Oct 2021 17:01

Tgt Ion:	98	Resp:	85082
Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.2	75.2

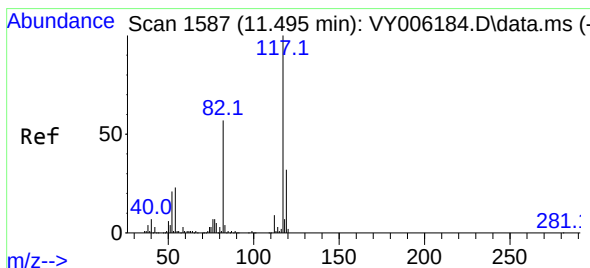
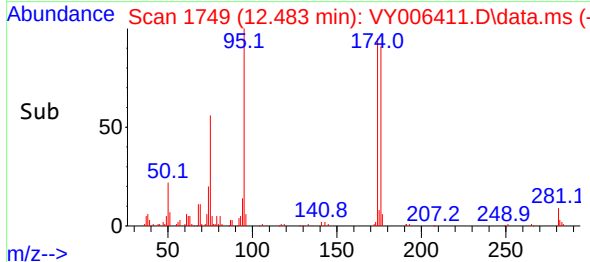
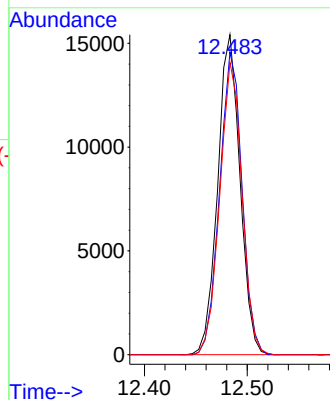
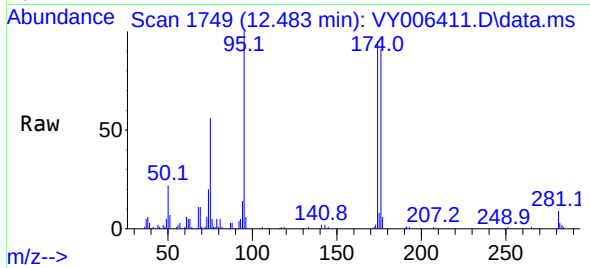




#62
4-Bromofluorobenzene
Concen: 45.111 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006411.D
Acq: 15 Oct 2021 17:01

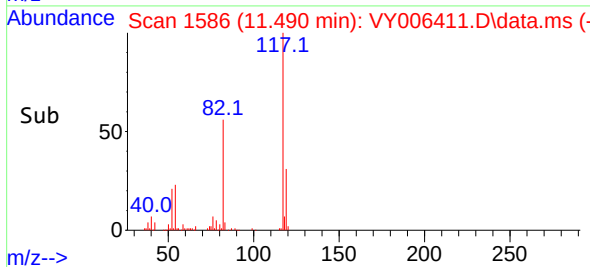
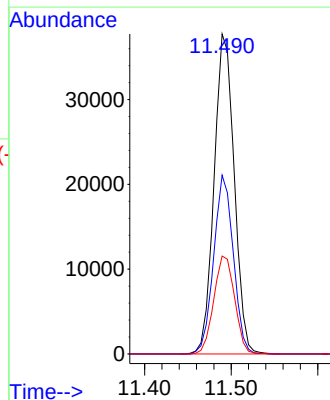
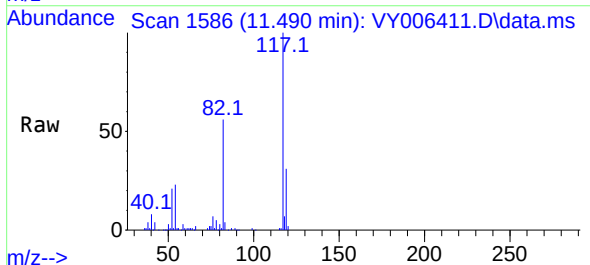
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Tgt Ion:	95	Resp:	23268
Ion Ratio	Lower	Upper	
95	100		
174	94.7	0.0	177.0
176	90.9	0.0	175.8

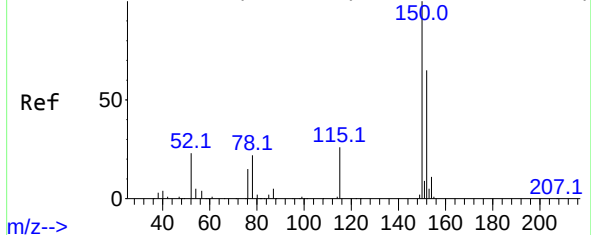


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006411.D
Acq: 15 Oct 2021 17:01

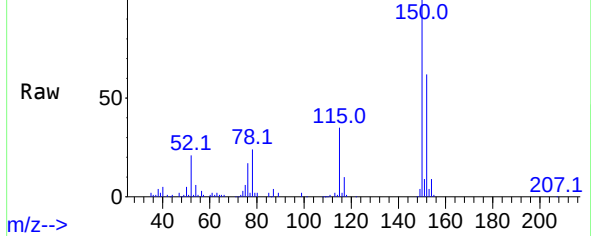
Tgt Ion:	117	Resp:	60884
Ion Ratio	Lower	Upper	
117	100		
82	55.9	43.0	64.4
119	30.6	25.4	38.0



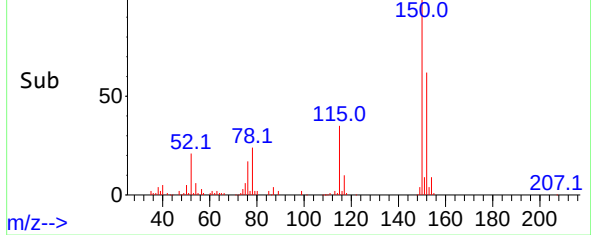
Abundance Scan 1904 (13.428 min): VY006184.D\data.ms (-



Abundance Scan 1904 (13.428 min): VY006411.D\data.ms (-

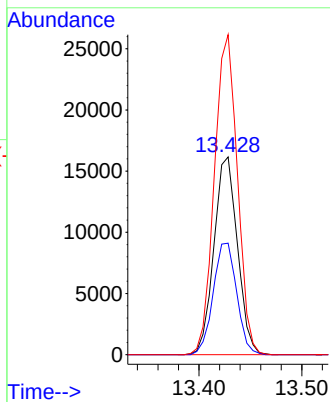


Abundance Scan 1904 (13.428 min): VY006411.D\data.ms (-



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006411.D
Acq: 15 Oct 2021 17:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.2	84.7
150	158.4	0.0	347.6



Instrument :
MSVOA_Y
ClientSampleId :
TP2-(S)