

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101521\
 Data File : VY006410.D
 Acq On : 15 Oct 2021 16:38
 Operator : SY/MD
 Sample : M4249-04
 Misc : 4.85G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-(D)

Quant Time: Oct 18 04:46:00 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)

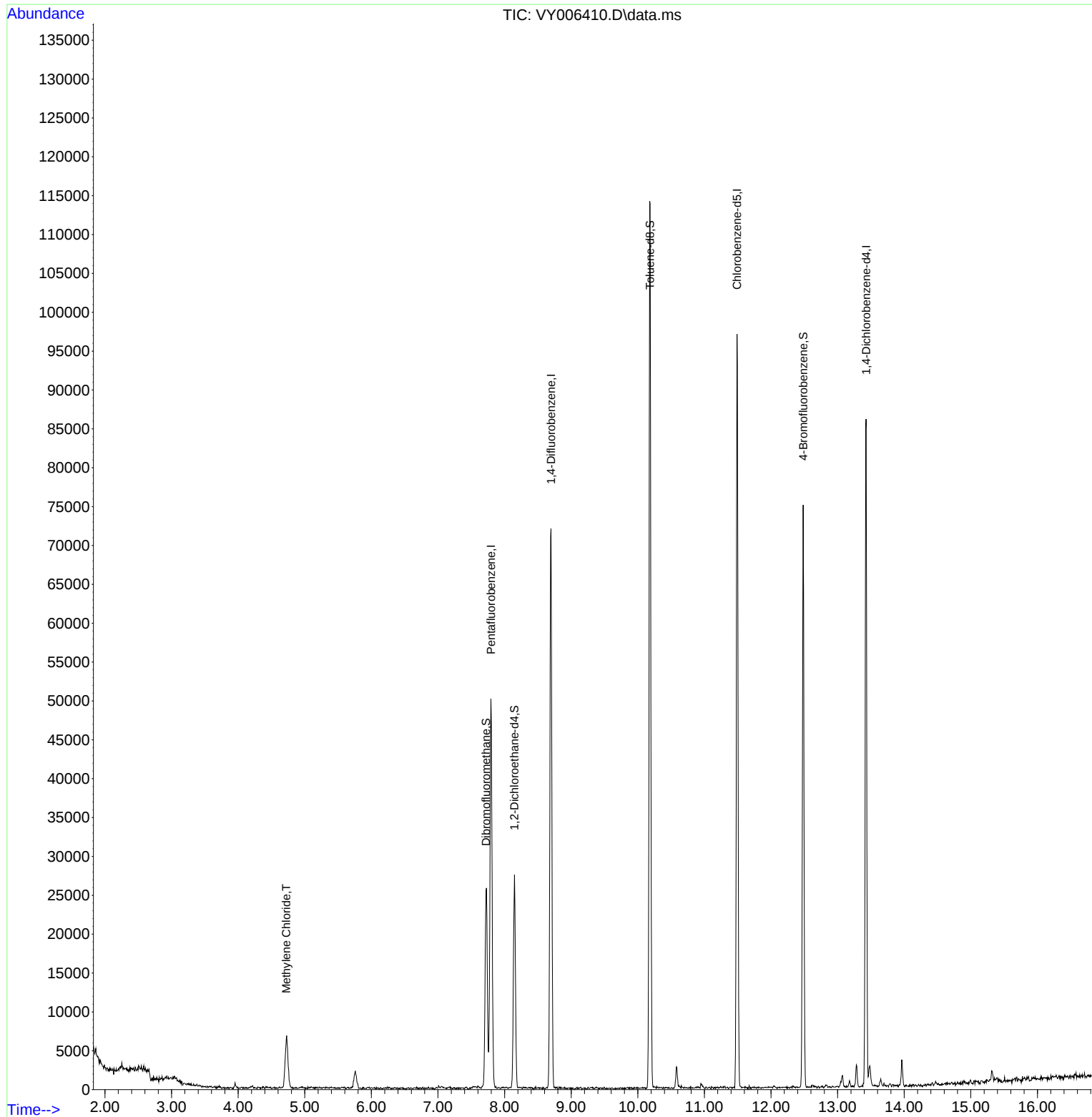
Internal Standards						
1) Pentafluorobenzene	7.795	168	38722	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	59877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	51000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	21685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	22208	53.586	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.180%	
35) Dibromofluoromethane	7.722	113	17412	54.430	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.860%	
50) Toluene-d8	10.185	98	74646	55.754	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.500%	
62) 4-Bromofluorobenzene	12.483	95	19950	43.863	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.720%	
Target Compounds						Qvalue
20) Methylene Chloride	4.722	84	4325	7.669	ug/l	94

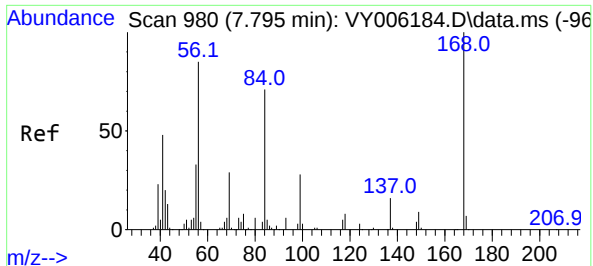
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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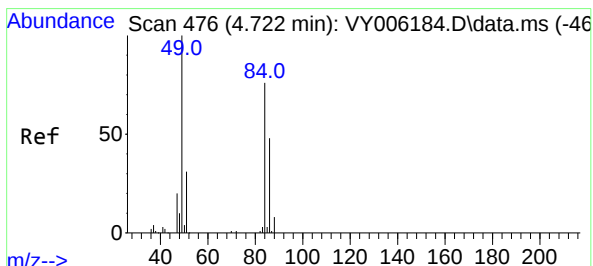
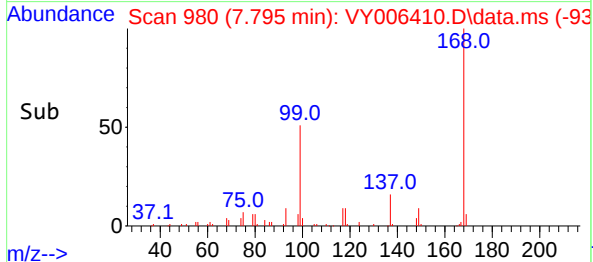
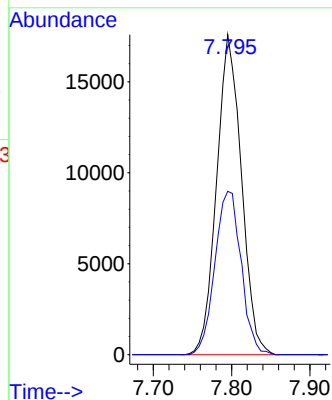
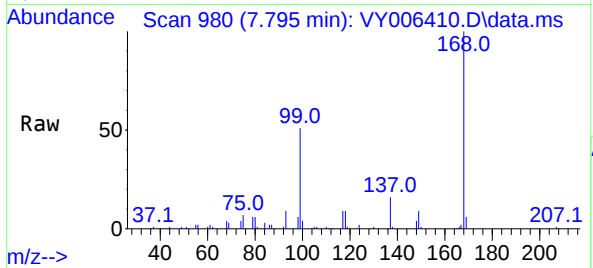




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006410.D
Acq: 15 Oct 2021 16:38

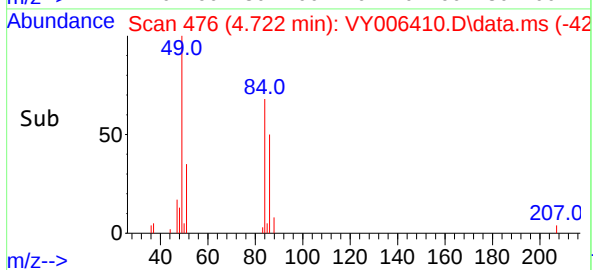
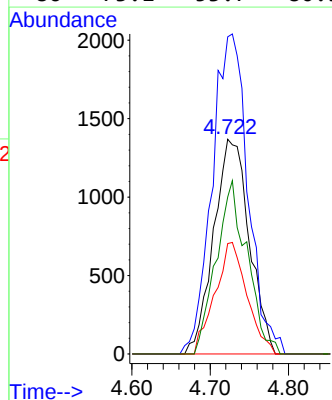
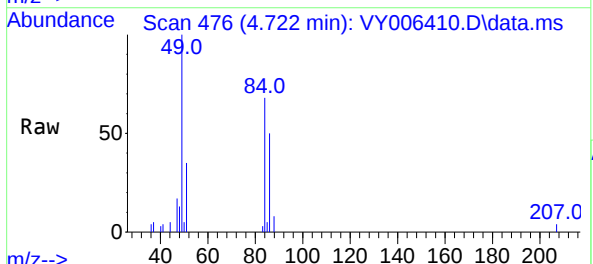
Instrument :
MSVOA_Y
ClientSampleId :
TP1-(D)

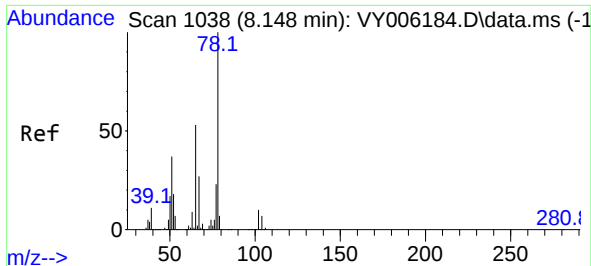
Tgt Ion:168 Resp: 38722
Ion Ratio Lower Upper
168 100
99 51.1 46.9 70.3



#20
Methylene Chloride
Concen: 7.669 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006410.D
Acq: 15 Oct 2021 16:38

Tgt Ion: 84 Resp: 4325
Ion Ratio Lower Upper
84 100
49 147.7 114.4 171.6
51 51.4 35.3 52.9
86 73.1 53.7 80.5

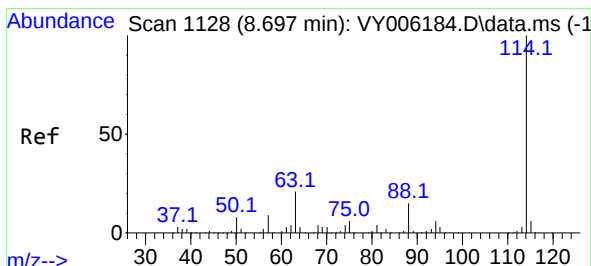
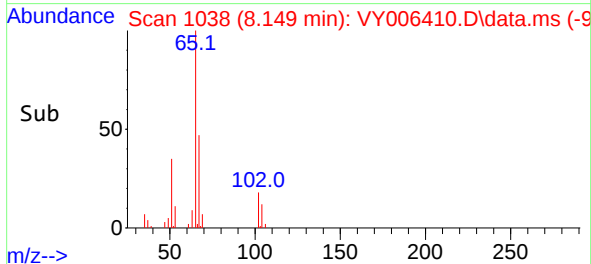
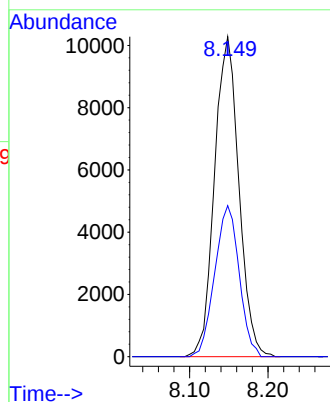
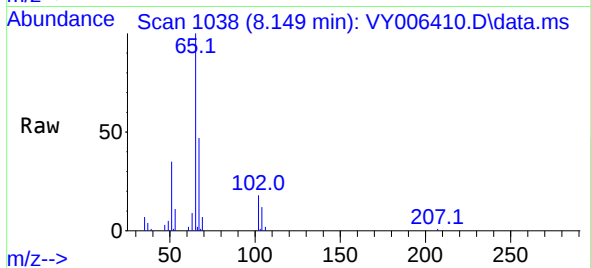




#33
1,2-Dichloroethane-d4
Concen: 53.586 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006410.D
Acq: 15 Oct 2021 16:38

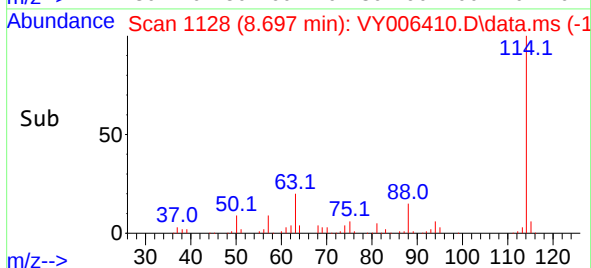
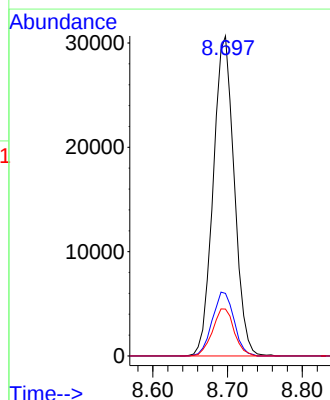
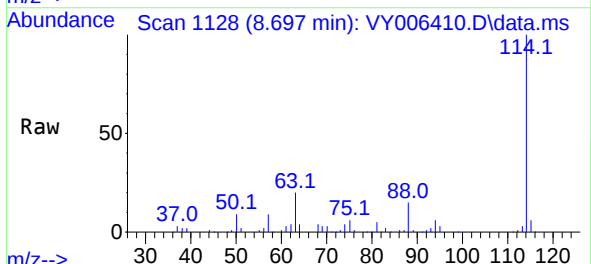
Instrument :
MSVOA_Y
ClientSampleId :
TP1-(D)

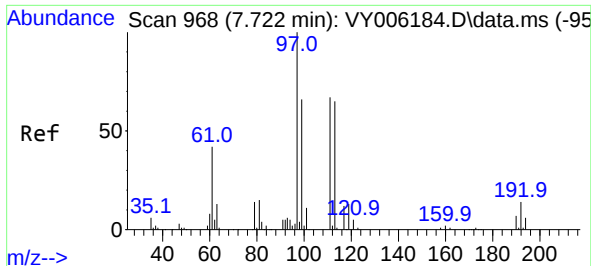
Tgt Ion: 65 Resp: 22208
Ion Ratio Lower Upper
65 100
67 47.3 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006410.D
Acq: 15 Oct 2021 16:38

Tgt Ion: 114 Resp: 59877
Ion Ratio Lower Upper
114 100
63 19.6 0.0 43.2
88 14.7 0.0 31.8

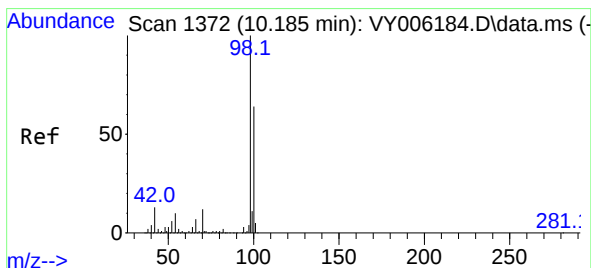
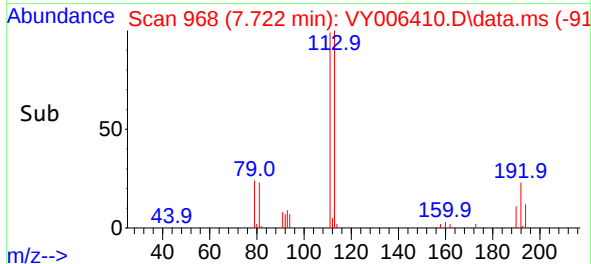
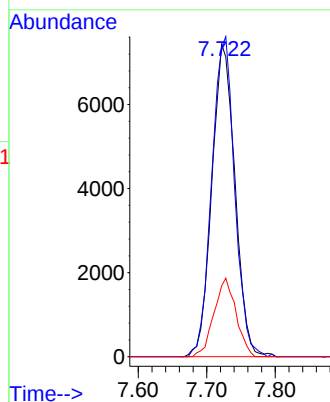
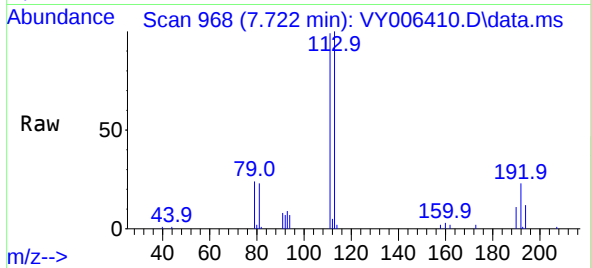




#35
Dibromofluoromethane
Concen: 54.430 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006410.D
Acq: 15 Oct 2021 16:38

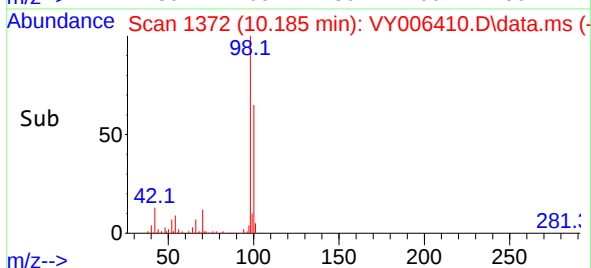
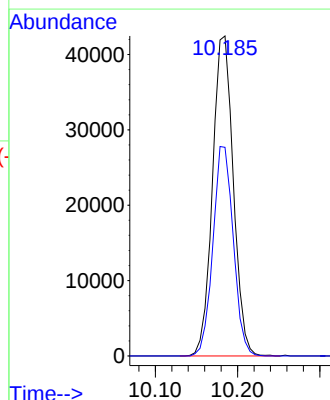
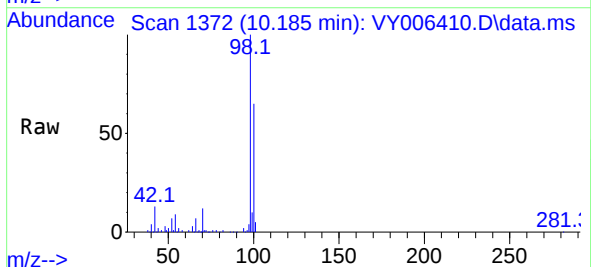
Instrument :
MSVOA_Y
ClientSampleId :
TP1-(D)

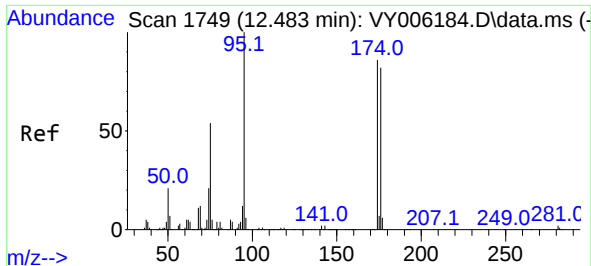
Tgt Ion:113 Resp: 17412
Ion Ratio Lower Upper
113 100
111 101.5 82.6 124.0
192 23.9 17.6 26.4



#50
Toluene-d8
Concen: 55.754 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006410.D
Acq: 15 Oct 2021 16:38

Tgt Ion: 98 Resp: 74646
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2

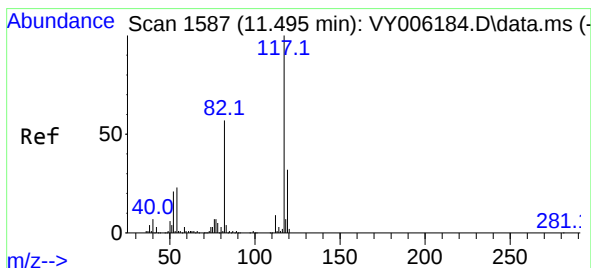
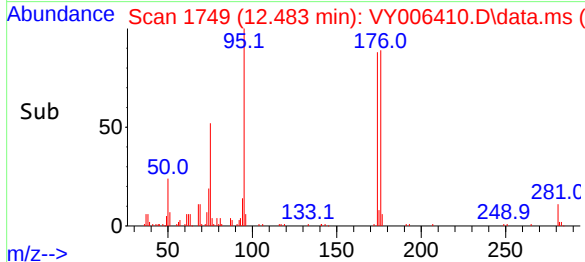
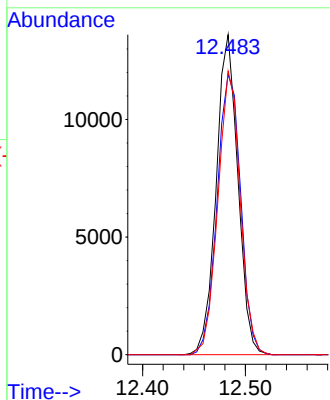
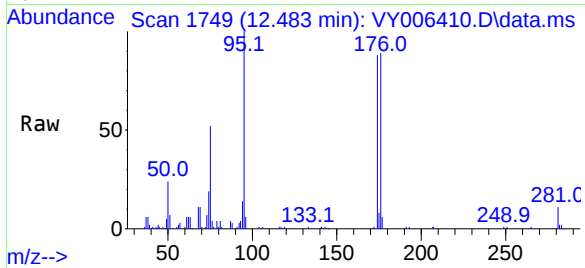




#62
4-Bromofluorobenzene
Concen: 43.863 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006410.D
Acq: 15 Oct 2021 16:38

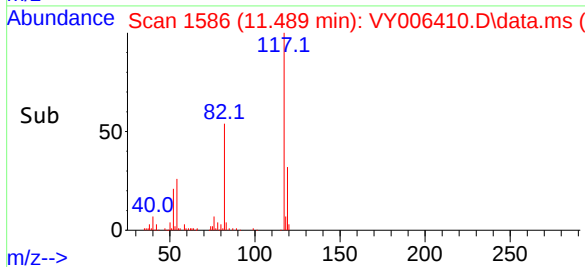
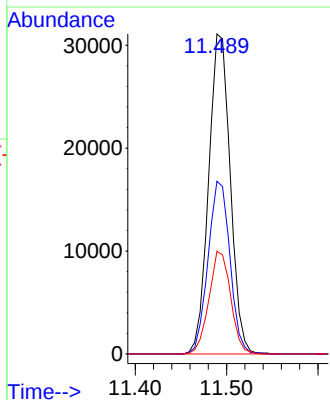
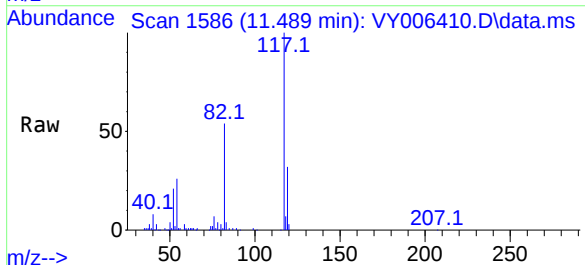
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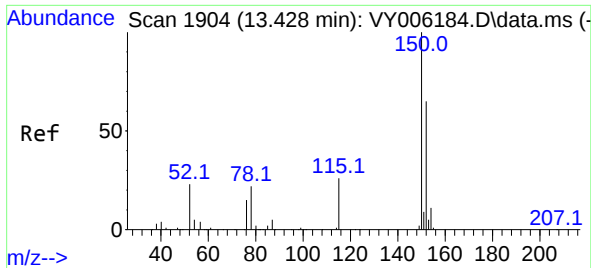
Tgt Ion:	95	Resp:	19950
Ion	Ratio	Lower	Upper
95	100		
174	94.7	0.0	177.0
176	91.2	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006410.D
Acq: 15 Oct 2021 16:38

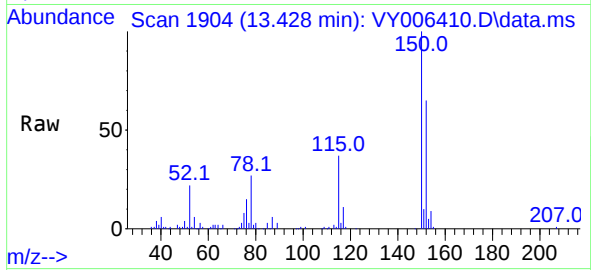
Tgt Ion:	117	Resp:	51000
Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.0	64.4
119	32.1	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006410.D
 Acq: 15 Oct 2021 16:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-(D)



Tgt Ion:152 Resp: 21685

Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.2	84.7
150	156.6	0.0	347.6

