

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100421\
 Data File : VY006282.D
 Acq On : 04 Oct 2021 17:32
 Operator : SY/MD
 Sample : M4056-08
 Misc : 5.44G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE-PENINSULA-1B-6

Quant Time: Oct 05 06:38:07 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)

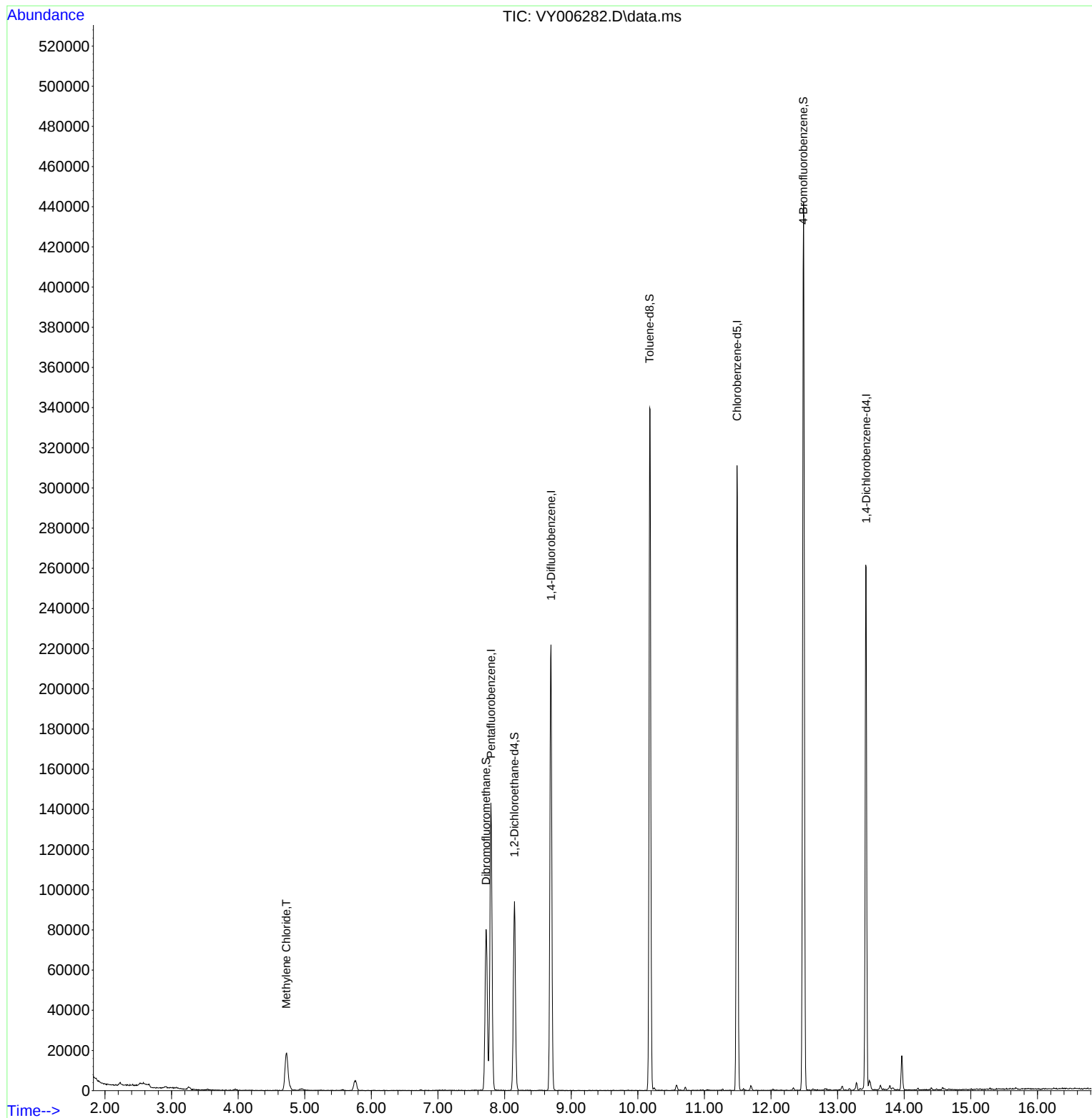
Internal Standards						
1) Pentafluorobenzene	7.795	168	110905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	180867	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	162566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64765	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	77917	65.64	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.28%
35) Dibromofluoromethane	7.721	113	53856	55.73	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.46%
50) Toluene-d8	10.178	98	222906	55.12	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.24%
62) 4-Bromofluorobenzene	12.483	95	65294	47.53	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.06%
Target Compounds						
20) Methylene Chloride	4.722	84	13354	8.58	ug/l	Qvalue 91

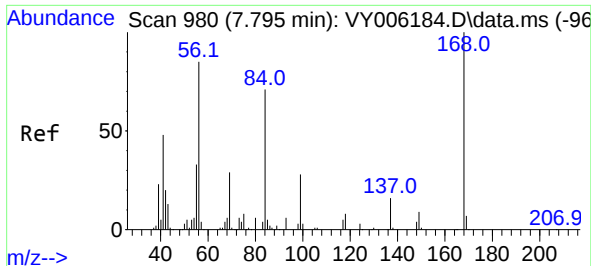
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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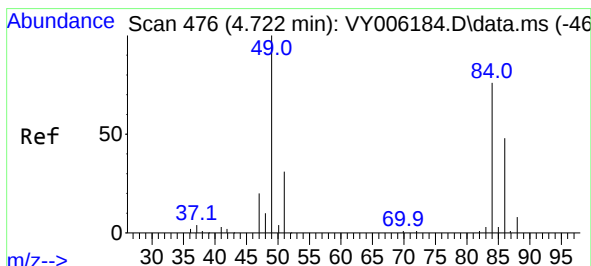
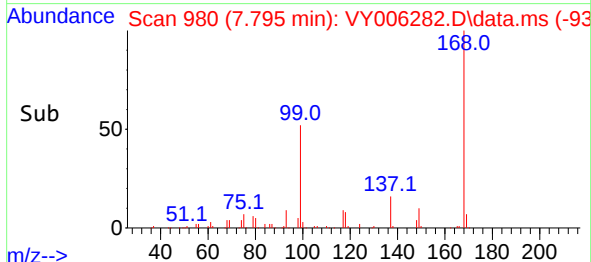
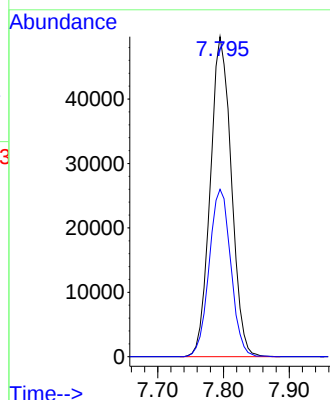
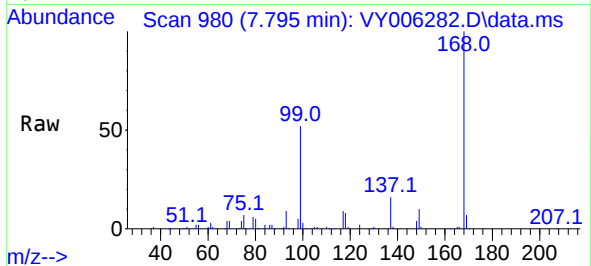




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006282.D
Acq: 04 Oct 2021 17:32

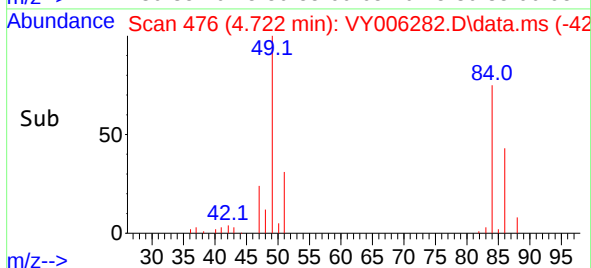
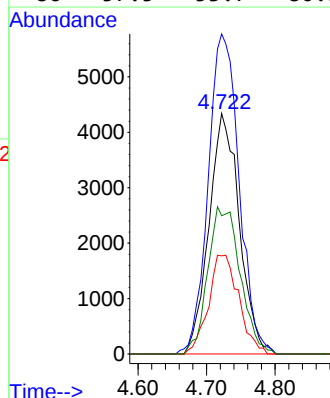
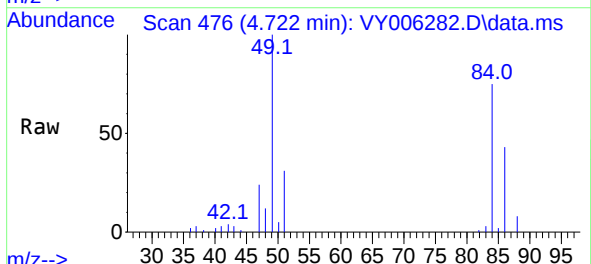
Instrument :
MSVOA_Y
ClientSampleId :
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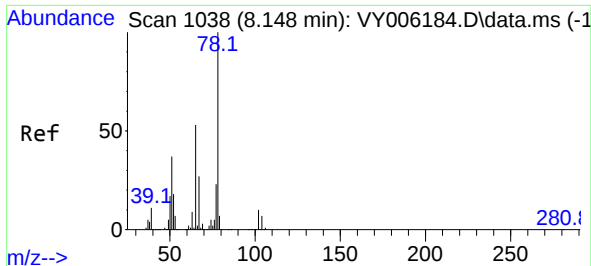
Tgt Ion:168 Resp: 110905
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#20
Methylene Chloride
Concen: 8.58 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006282.D
Acq: 04 Oct 2021 17:32

Tgt Ion: 84 Resp: 13354
Ion Ratio Lower Upper
84 100
49 133.0 114.4 171.6
51 40.8 35.3 52.9
86 57.5 53.7 80.5

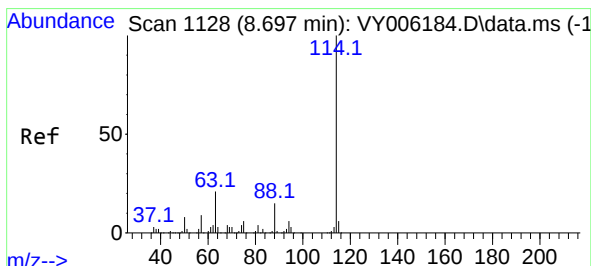
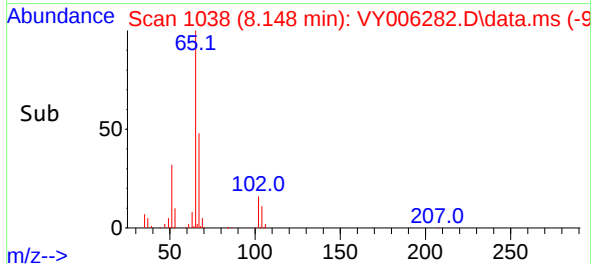
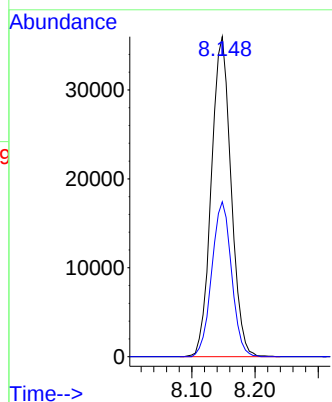
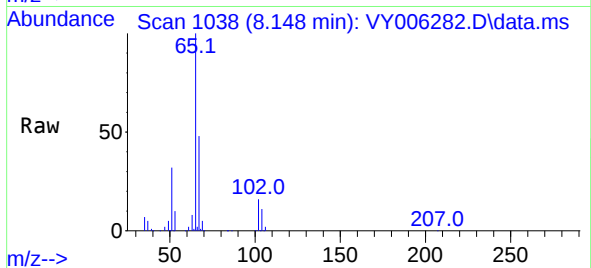




#33
1,2-Dichloroethane-d4
Concen: 65.64 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006282.D
Acq: 04 Oct 2021 17:32

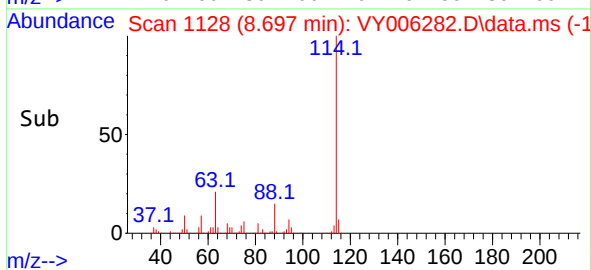
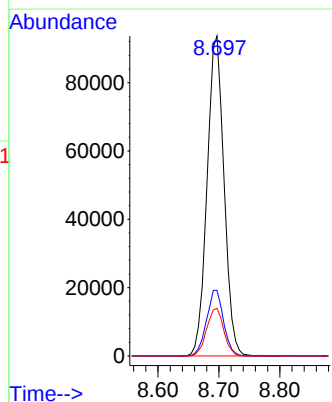
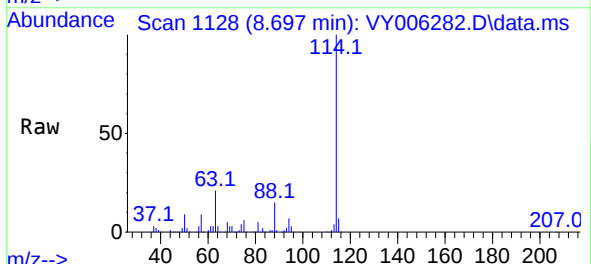
Instrument :
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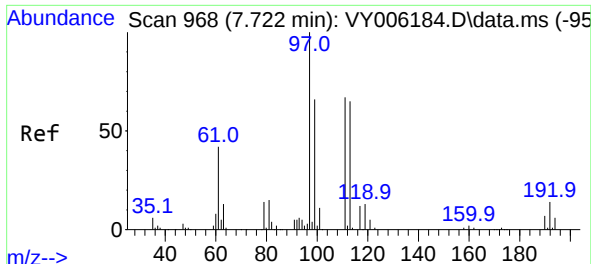
Tgt Ion: 65 Resp: 77917
Ion Ratio Lower Upper
65 100
67 48.4 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006282.D
Acq: 04 Oct 2021 17:32

Tgt Ion:114 Resp: 180867
Ion Ratio Lower Upper
114 100
63 20.5 0.0 43.2
88 14.9 0.0 31.8

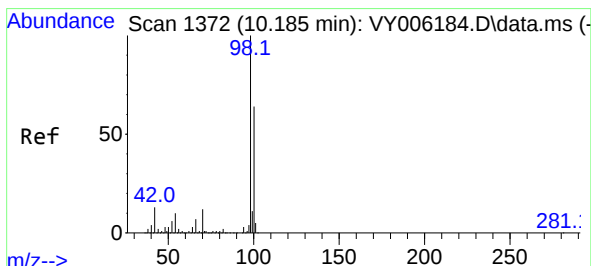
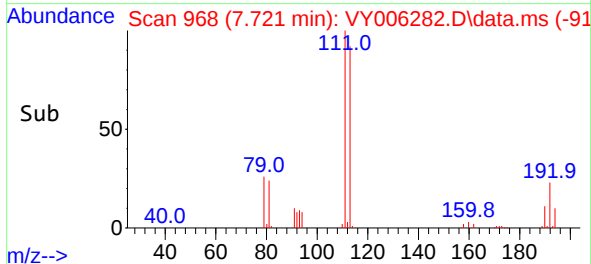
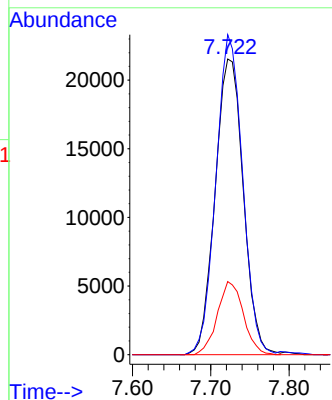
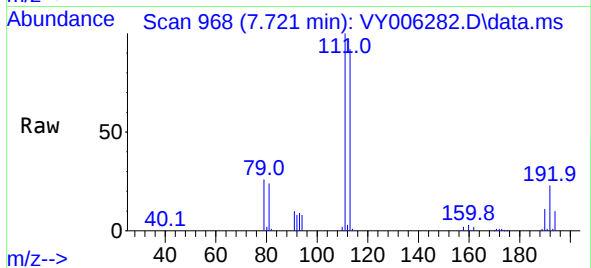




#35
Dibromofluoromethane
Concen: 55.73 ug/l
RT: 7.721 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY006282.D
Acq: 04 Oct 2021 17:32

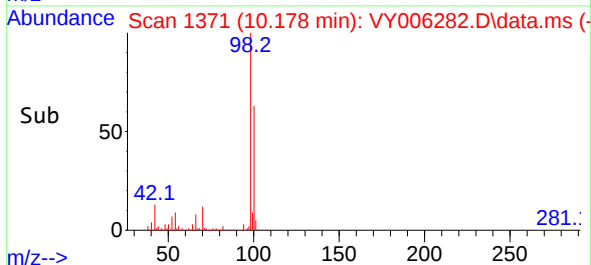
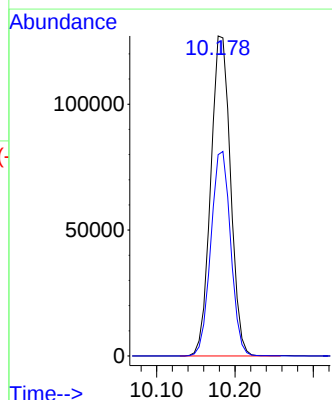
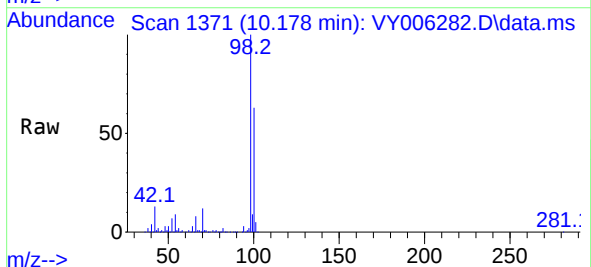
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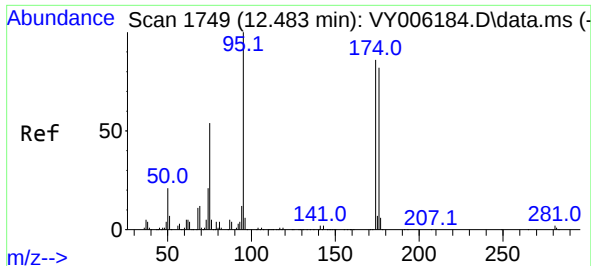
Tgt Ion:113 Resp: 53856
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 22.8 17.6 26.4



#50
Toluene-d8
Concen: 55.12 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006282.D
Acq: 04 Oct 2021 17:32

Tgt Ion: 98 Resp: 222906
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2

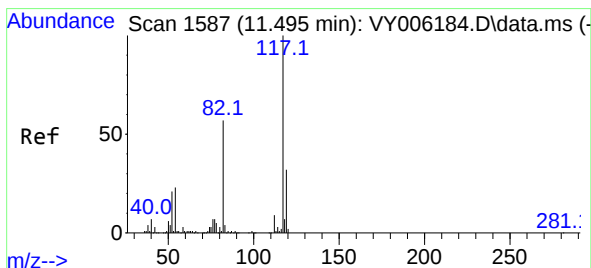
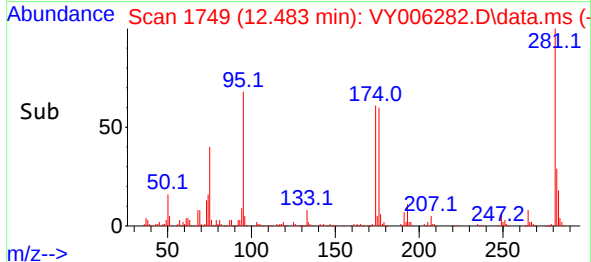
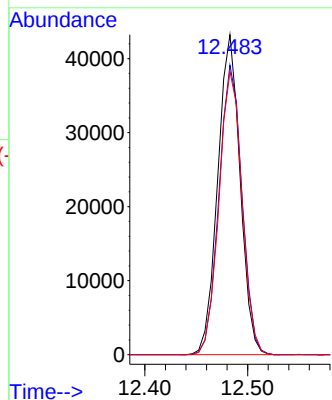
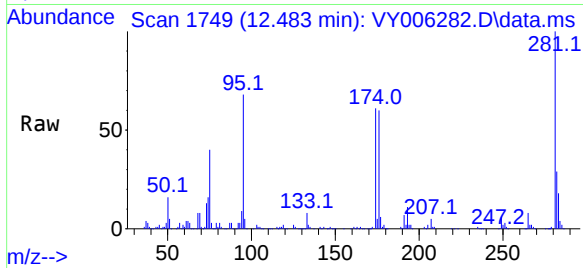




#62
4-Bromofluorobenzene
Concen: 47.53 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006282.D
Acq: 04 Oct 2021 17:32

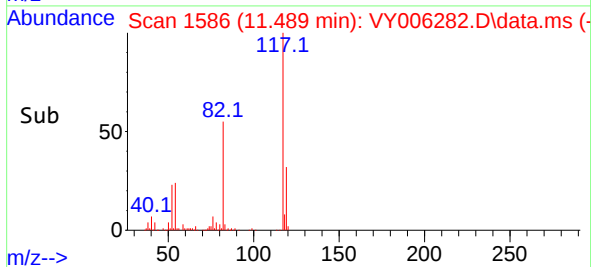
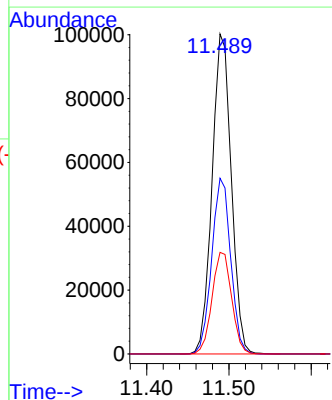
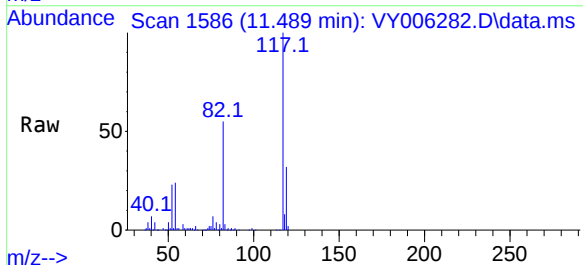
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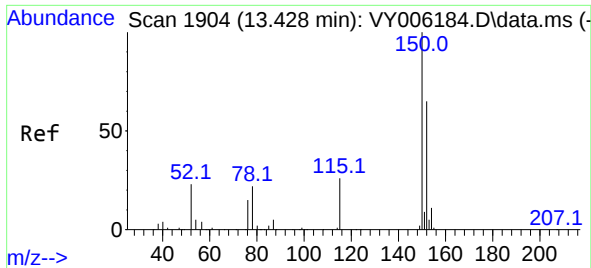
Tgt Ion:	95	Resp:	65294
Ion Ratio	Lower	Upper	
95	100		
174	92.9	0.0	177.0
176	90.9	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006282.D
Acq: 04 Oct 2021 17:32

Tgt Ion:	117	Resp:	162566
Ion Ratio	Lower	Upper	
117	100		
82	54.9	43.0	64.4
119	31.8	25.4	38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006282.D
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Instrument :
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Tgt Ion:152 Resp: 64765
Ion Ratio Lower Upper
152 100
115 56.2 28.2 84.7
150 158.3 0.0 347.6

