

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070221\
 Data File : VY005336.D
 Acq On : 02 Jul 2021 12:23
 Operator : SY/MD
 Sample : M2917-02
 Misc : 6.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-04-017-ABCD

Quant Time: Jul 05 01:04:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

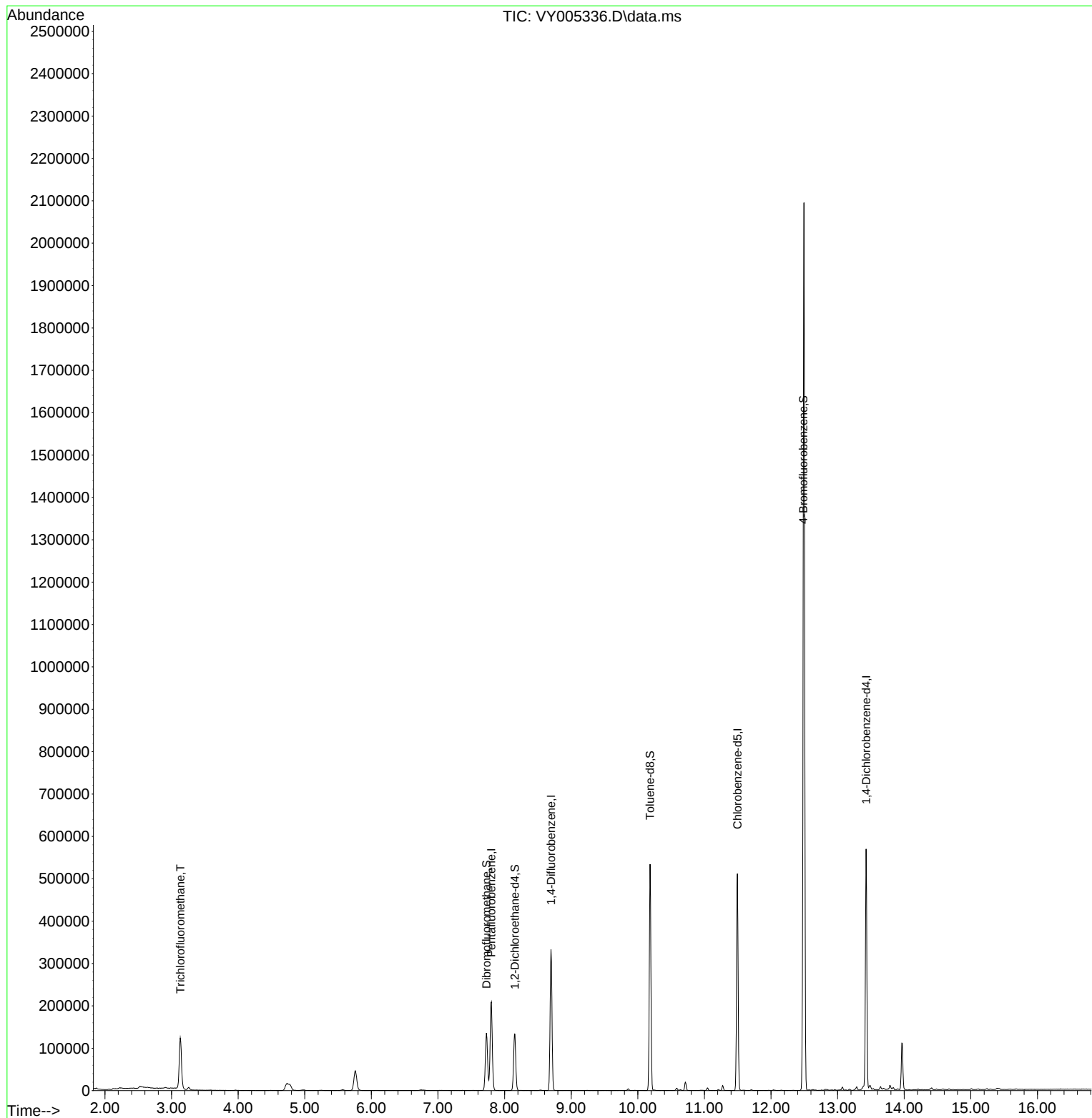
Internal Standards						
1) Pentafluorobenzene	7.801	168	178635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	292972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	283694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	147461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	107003	72.182	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 144.360%	
35) Dibromofluoromethane	7.728	113	93748	54.258	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.520%	
50) Toluene-d8	10.185	98	342451	49.561	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.120%	
62) 4-Bromofluorobenzene	12.483	95	131803	57.243	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 114.480%	
Target Compounds						Qvalue
7) Trichlorofluoromethane	3.131	101	129911	54.330	ug/l	99

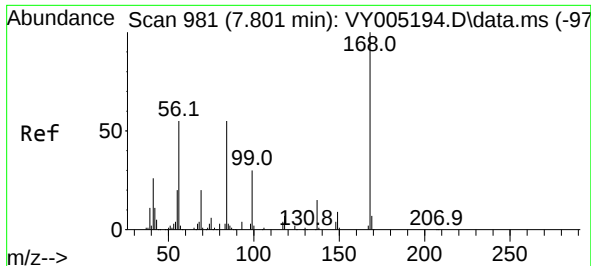
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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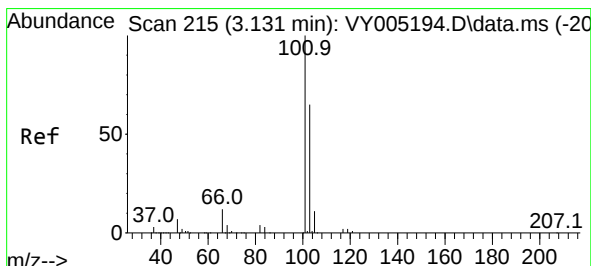
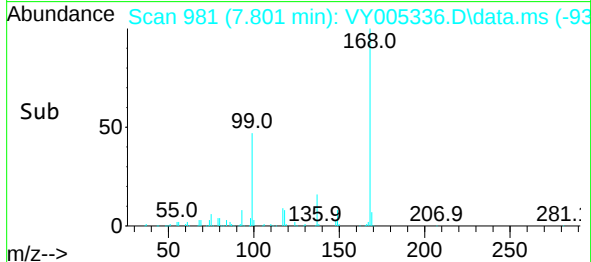
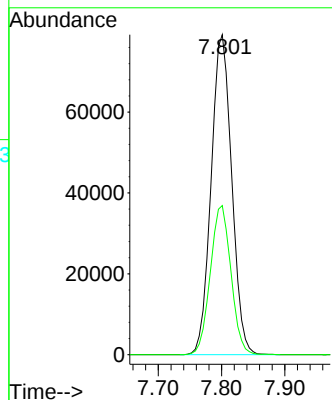
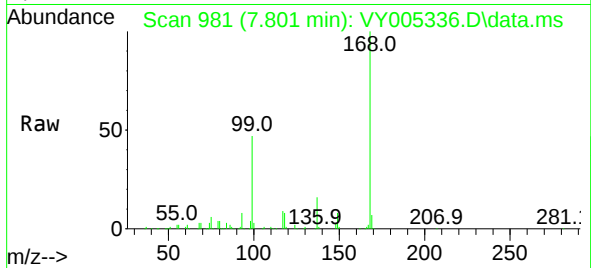




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005336.D
Acq: 02 Jul 2021 12:23

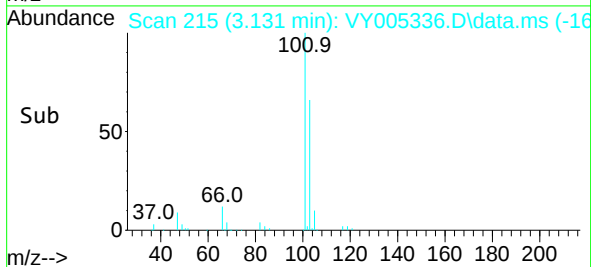
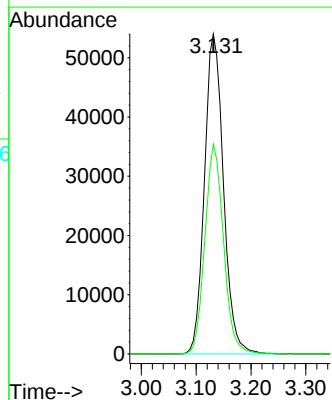
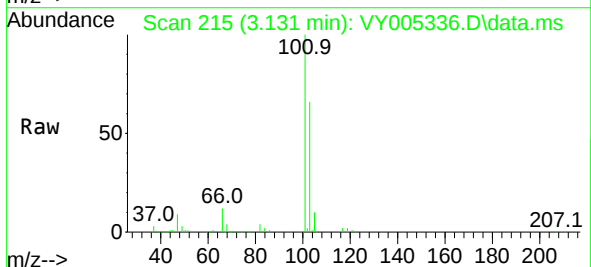
Instrument :
MSVOA_Y
ClientSampleId :
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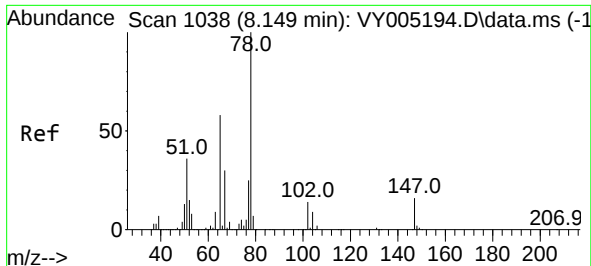
Tgt Ion:168 Resp: 178635
Ion Ratio Lower Upper
168 100
99 46.6 36.2 54.4



#7
Trichlorofluoromethane
Concen: 54.330 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY005336.D
Acq: 02 Jul 2021 12:23

Tgt Ion:101 Resp: 129911
Ion Ratio Lower Upper
101 100
103 65.6 52.0 78.0

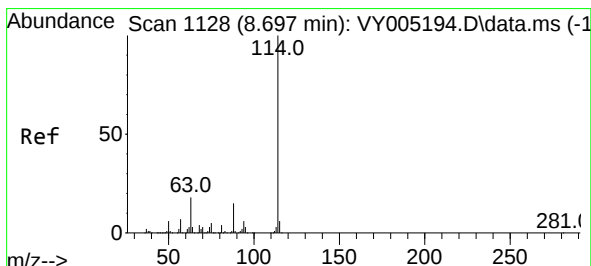
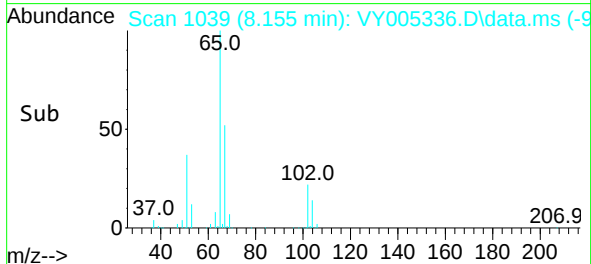
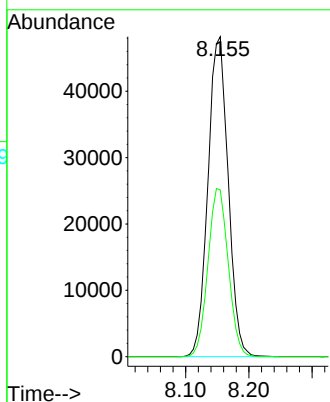
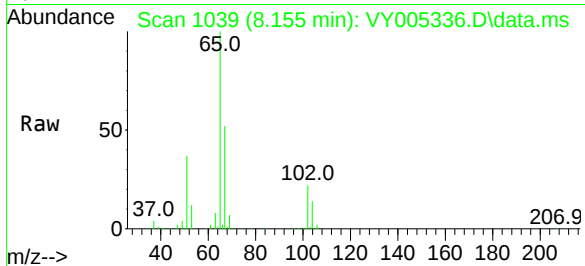




#33
1,2-Dichloroethane-d4
Concen: 72.182 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY005336.D
Acq: 02 Jul 2021 12:23

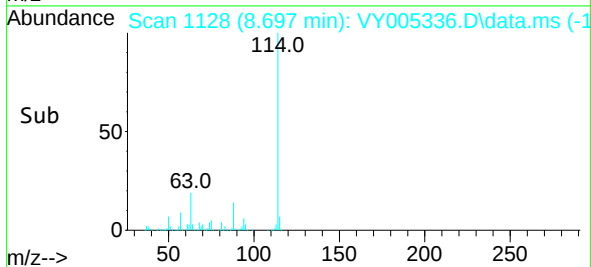
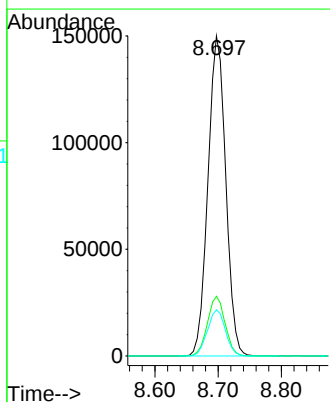
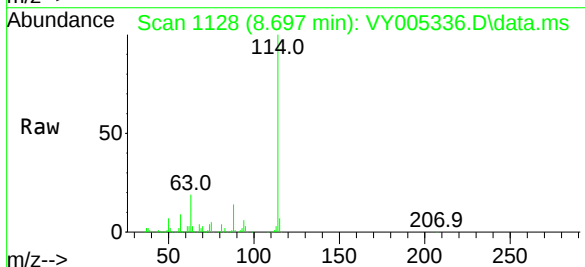
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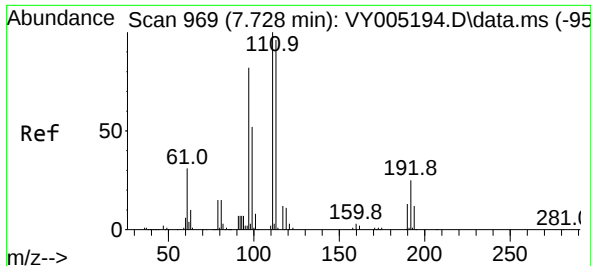
Tgt Ion: 65 Resp: 107003
Ion Ratio Lower Upper
65 100
67 52.8 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005336.D
Acq: 02 Jul 2021 12:23

Tgt Ion: 114 Resp: 292972
Ion Ratio Lower Upper
114 100
63 18.6 0.0 35.2
88 14.5 0.0 29.4

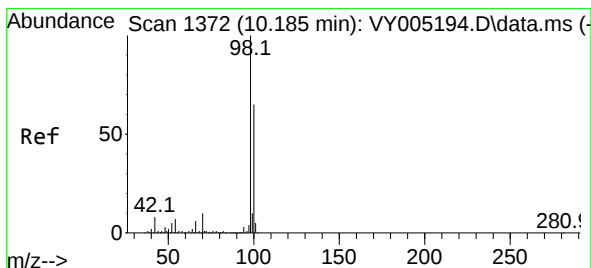
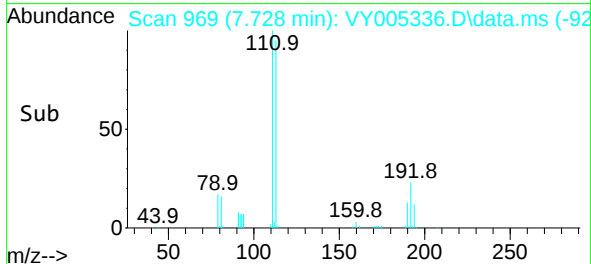
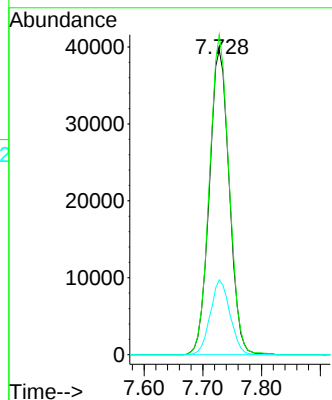
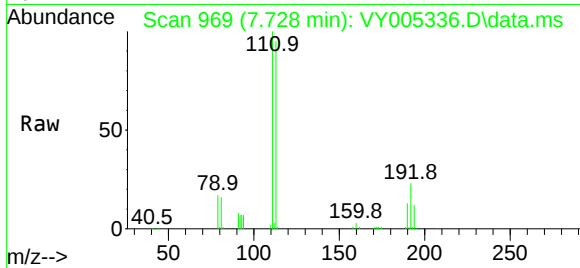




#35
Dibromofluoromethane
Concen: 54.258 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005336.D
Acq: 02 Jul 2021 12:23

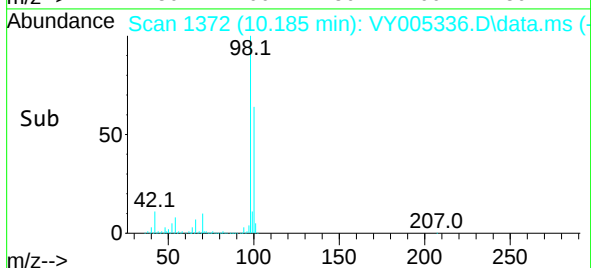
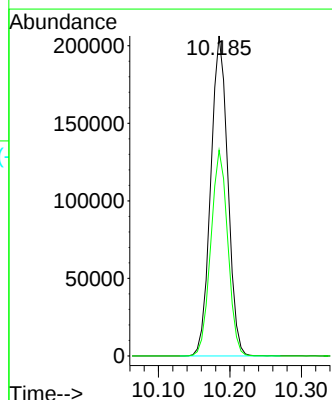
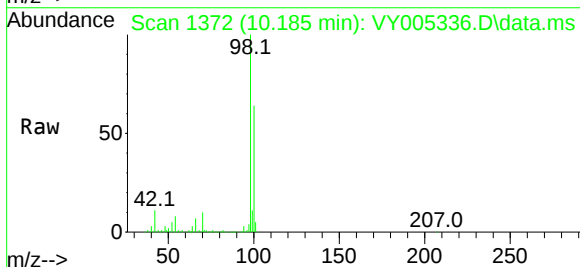
Instrument :
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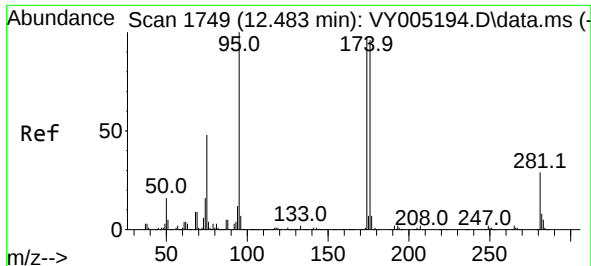
Tgt Ion:113 Resp: 93748
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 24.1 20.2 30.2



#50
Toluene-d8
Concen: 49.561 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005336.D
Acq: 02 Jul 2021 12:23

Tgt Ion: 98 Resp: 342451
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9

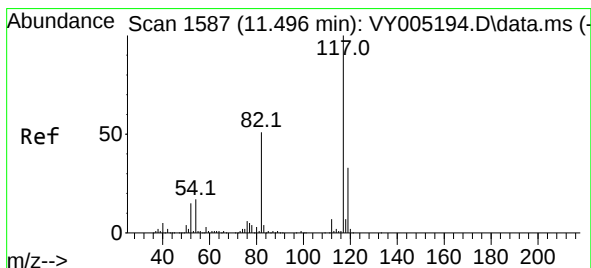
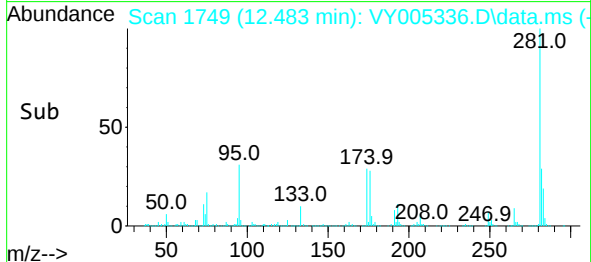
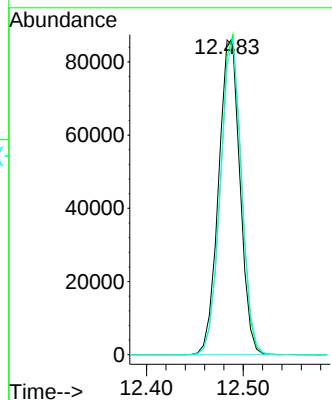
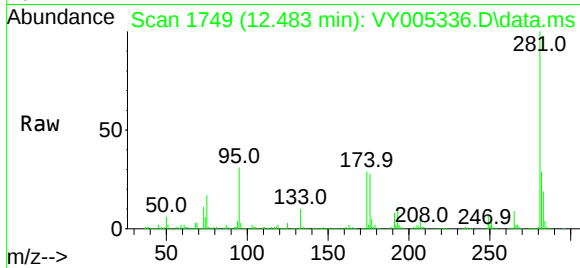




#62
4-Bromofluorobenzene
Concen: 57.243 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005336.D
Acq: 02 Jul 2021 12:23

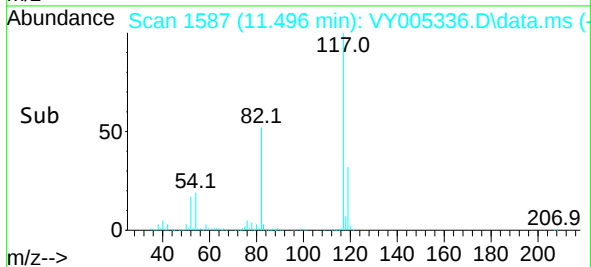
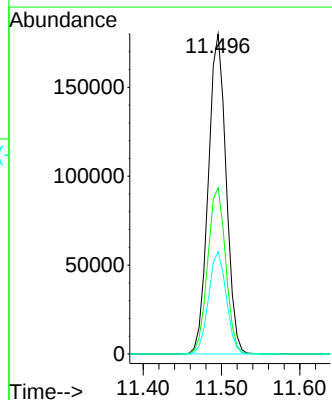
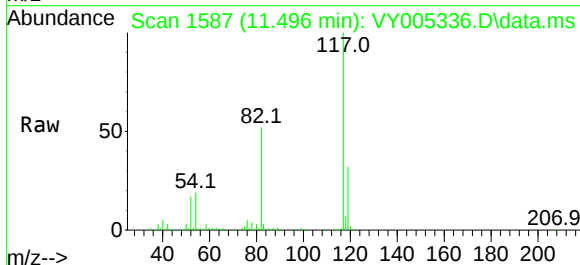
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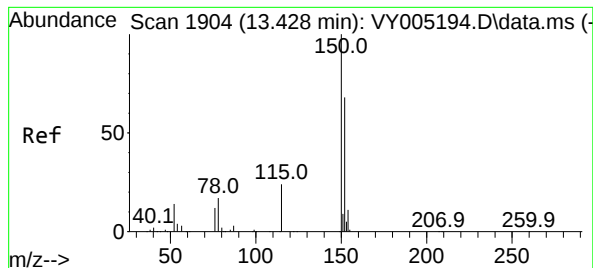
Tgt Ion:	95	Resp:	131803
Ion	Ratio	Lower	Upper
95	100		
174	99.0	0.0	201.6
176	98.4	0.0	197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005336.D
Acq: 02 Jul 2021 12:23

Tgt Ion:	117	Resp:	283694
Ion	Ratio	Lower	Upper
117	100		
82	51.9	40.6	60.8
119	31.9	26.1	39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005336.D
 Acq: 02 Jul 2021 12:23

Instrument :
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Tgt Ion:152 Resp: 147461
 Ion Ratio Lower Upper
 152 100
 115 53.1 26.3 78.8
 150 156.2 0.0 344.2

