

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062421\
 Data File : VY005211.D
 Acq On : 24 Jun 2021 15:15
 Operator : SY/MD
 Sample : M2851-03
 Misc : 6.16G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BACKFILL-ASHCROFT-REAR-08

Quant Time: Jun 25 04:35:14 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)

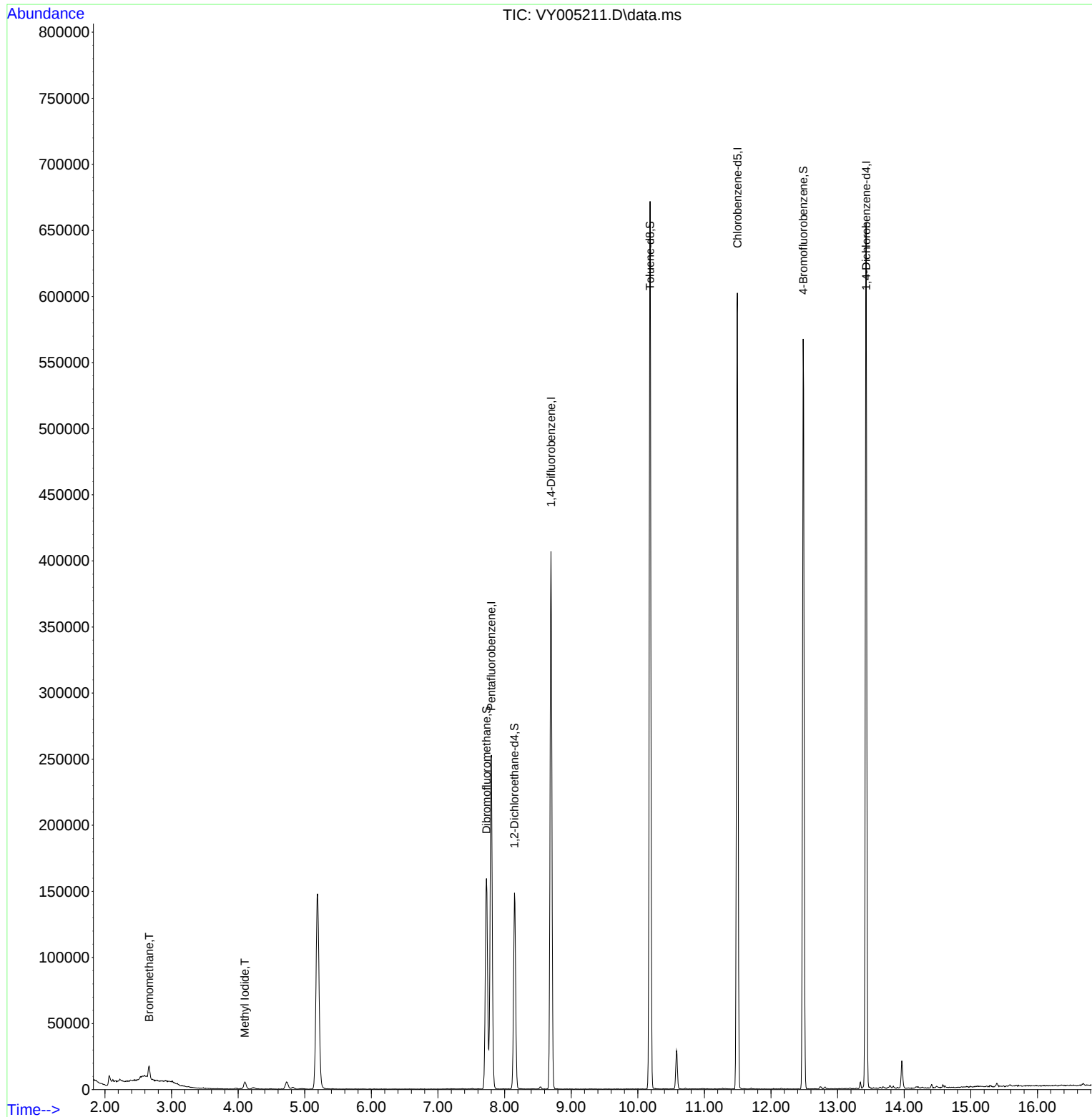
Internal Standards						
1) Pentafluorobenzene	7.801	168	220670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	361324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	362589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	182891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	113735	62.108	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.220%	
35) Dibromofluoromethane	7.728	113	113331	53.184	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.360%	
50) Toluene-d8	10.185	98	446464	52.391	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.780%	
62) 4-Bromofluorobenzene	12.483	95	151933	53.503	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.000%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	6032	4.304	ug/l	86
10) Methyl Iodide	4.100	142	8864	3.446	ug/l	98

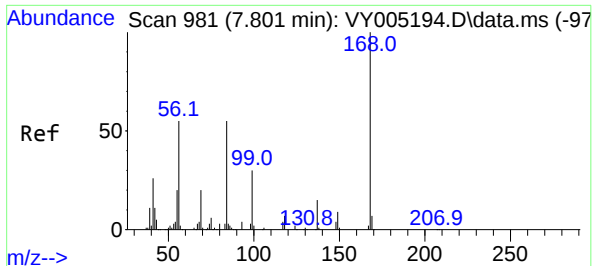
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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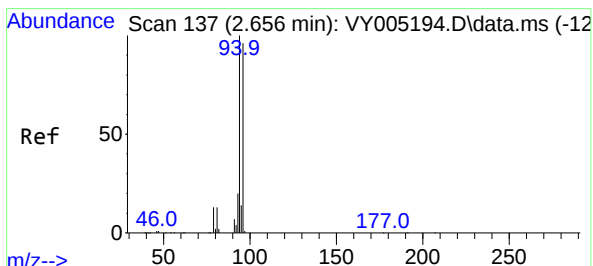
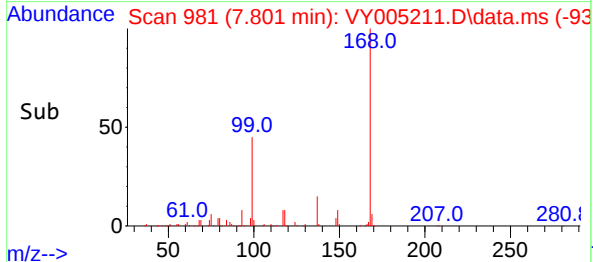
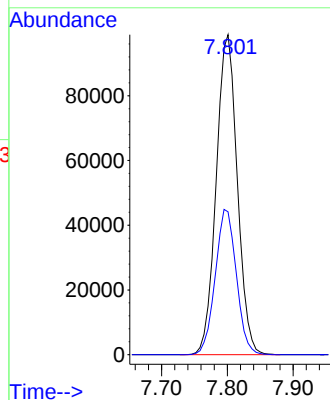
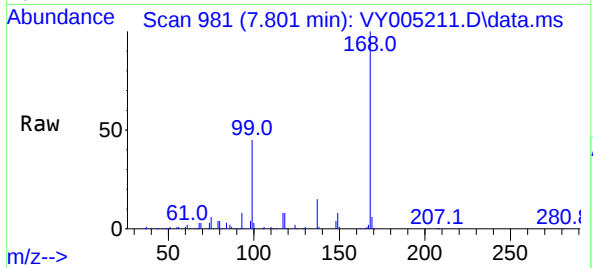




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005211.D
Acq: 24 Jun 2021 15:15

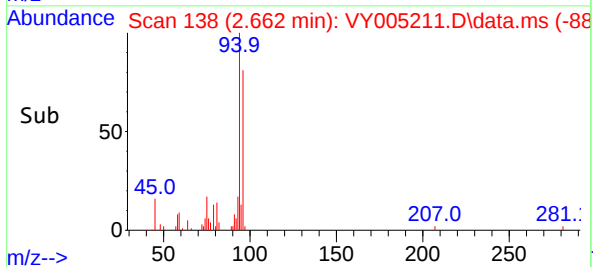
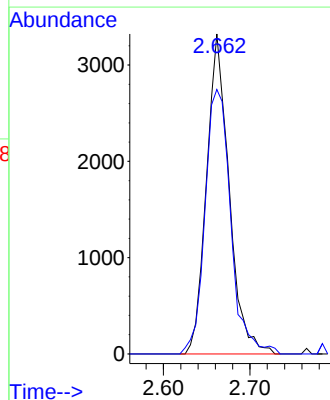
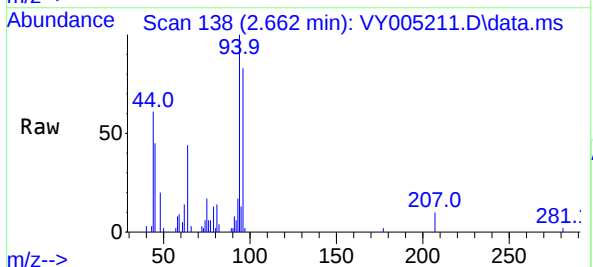
Instrument :
MSVOA_Y
ClientSampleId :
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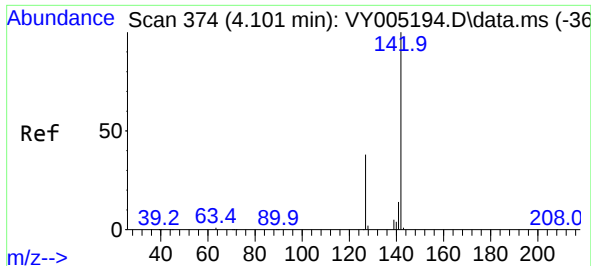
Tgt Ion:168 Resp: 220670
Ion Ratio Lower Upper
168 100
99 44.7 36.2 54.4



#5
Bromomethane
Concen: 4.304 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY005211.D
Acq: 24 Jun 2021 15:15

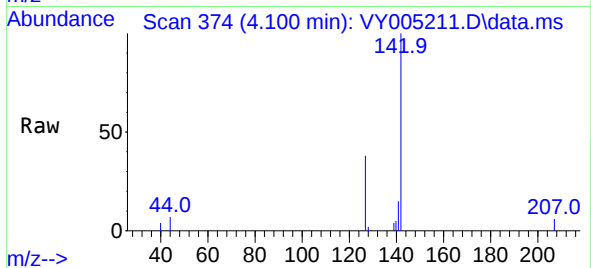
Tgt Ion: 94 Resp: 6032
Ion Ratio Lower Upper
94 100
96 82.6 76.9 115.3



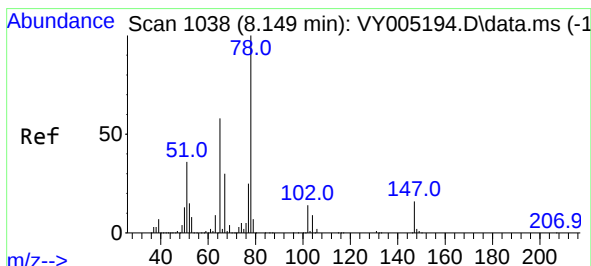
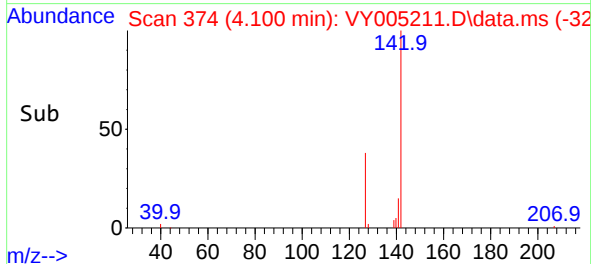
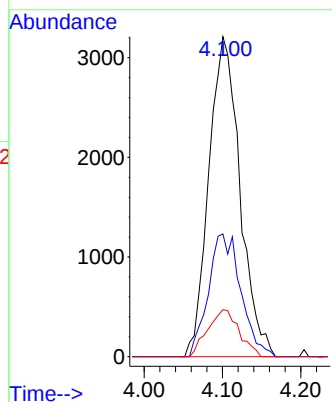


#10
Methyl Iodide
Concen: 3.446 ug/l
RT: 4.100 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY005211.D
Acq: 24 Jun 2021 15:15

Instrument :
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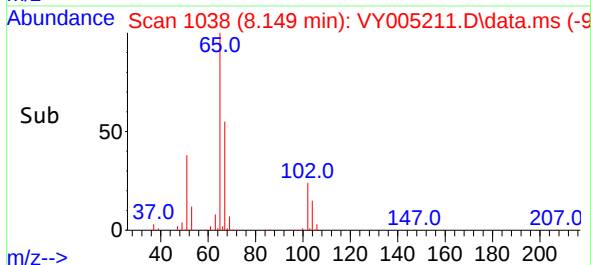
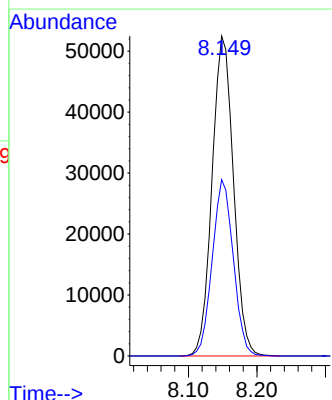
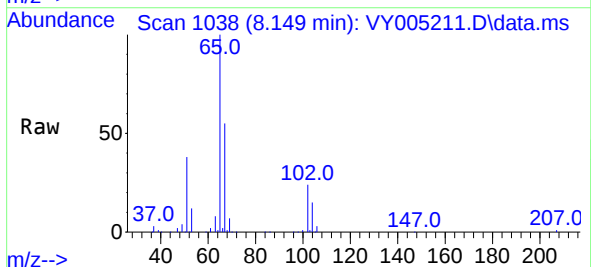


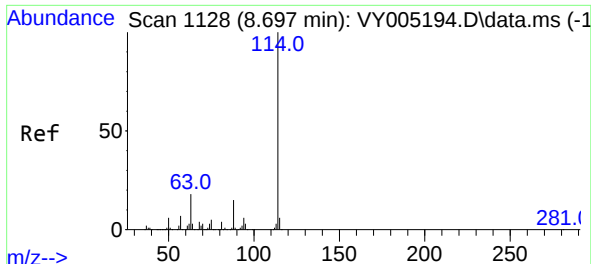
Tgt Ion:142 Resp: 8864
Ion Ratio Lower Upper
142 100
127 40.0 31.3 46.9
141 14.9 11.3 16.9



#33
1,2-Dichloroethane-d4
Concen: 62.108 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005211.D
Acq: 24 Jun 2021 15:15

Tgt Ion: 65 Resp: 113735
Ion Ratio Lower Upper
65 100
67 54.2 0.0 110.6

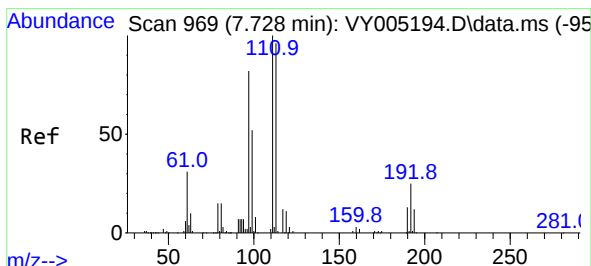
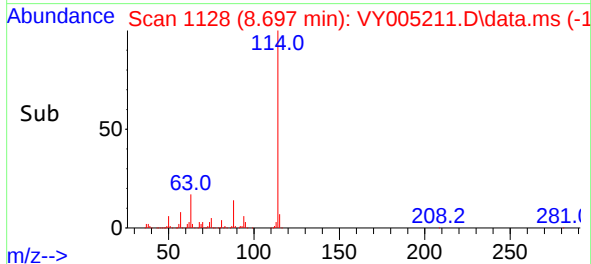
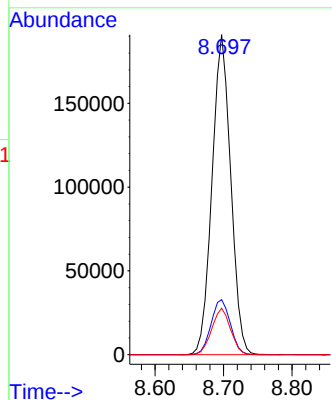
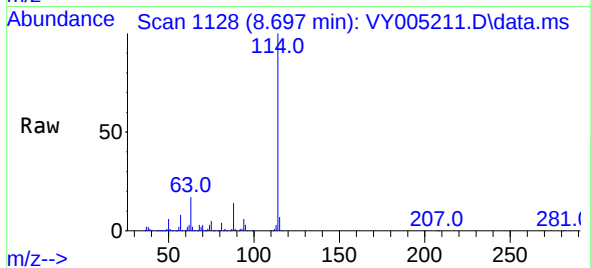




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005211.D
Acq: 24 Jun 2021 15:15

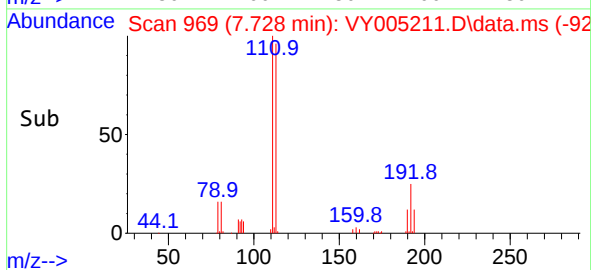
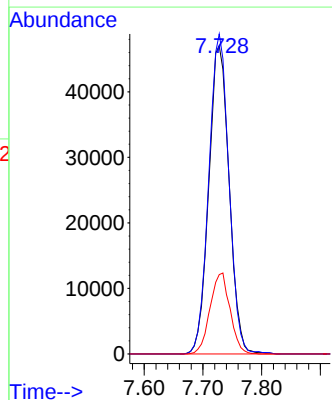
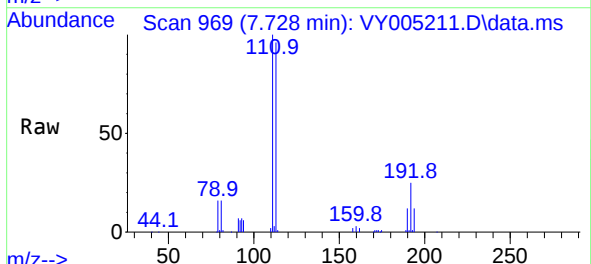
Instrument :
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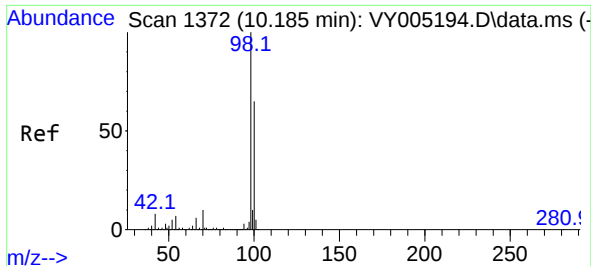
Tgt Ion:114 Resp: 361324
Ion Ratio Lower Upper
114 100
63 17.2 0.0 35.2
88 14.5 0.0 29.4



#35
Dibromofluoromethane
Concen: 53.184 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005211.D
Acq: 24 Jun 2021 15:15

Tgt Ion:113 Resp: 113331
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 25.7 20.2 30.2

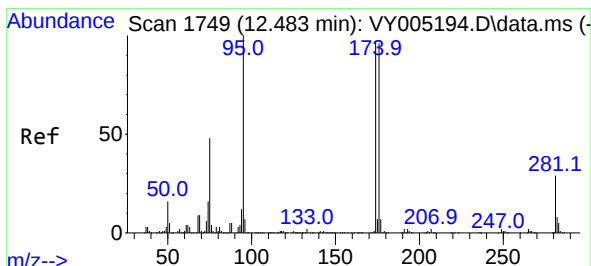
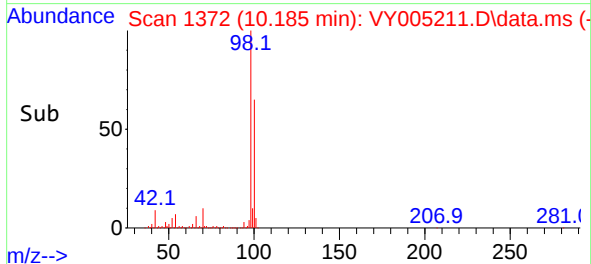
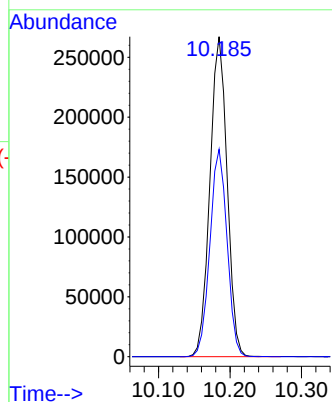
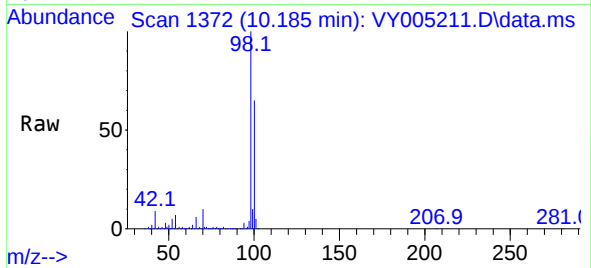




#50
Toluene-d8
Concen: 52.391 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005211.D
Acq: 24 Jun 2021 15:15

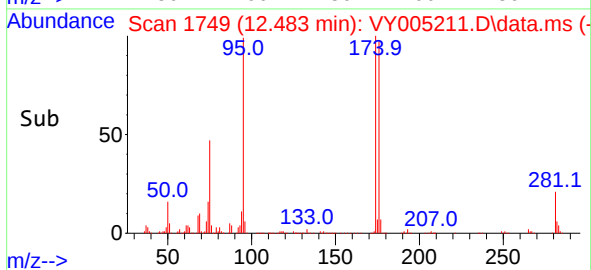
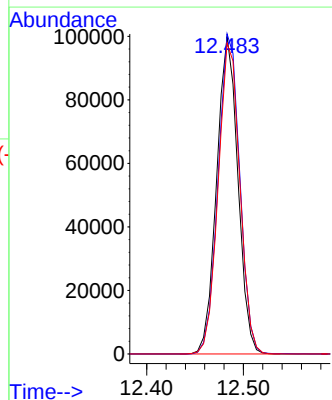
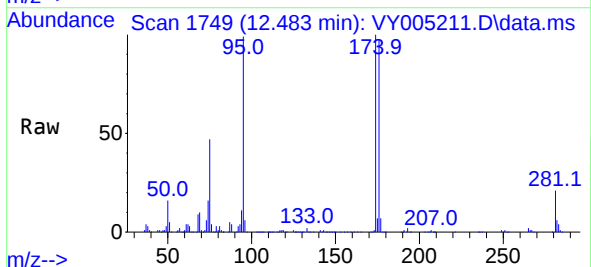
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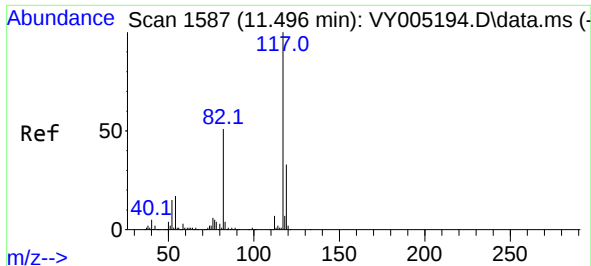
Tgt Ion: 98 Resp: 446464
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 53.503 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005211.D
Acq: 24 Jun 2021 15:15

Tgt Ion: 95 Resp: 151933
Ion Ratio Lower Upper
95 100
174 102.6 0.0 201.6
176 99.5 0.0 197.4

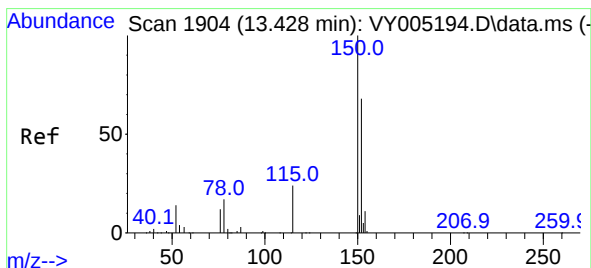
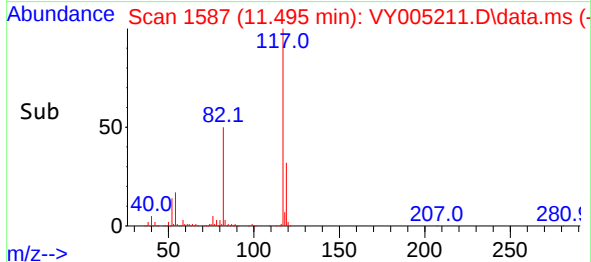
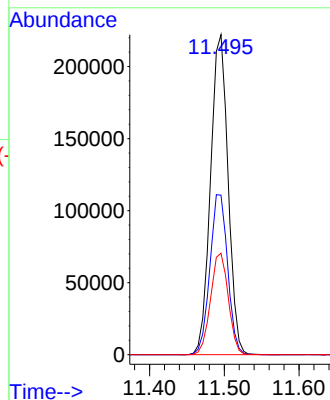
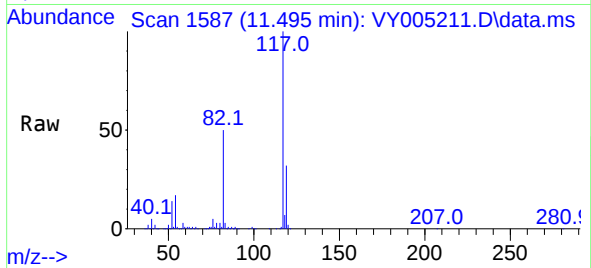




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005211.D
Acq: 24 Jun 2021 15:15

Instrument :
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BACKFILL-ASHCROFT-REAR-08

Tgt Ion:117 Resp: 362589
Ion Ratio Lower Upper
117 100
82 49.8 40.6 60.8
119 31.7 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: VY005211.D
Acq: 24 Jun 2021 15:15

Tgt Ion:152 Resp: 182891
Ion Ratio Lower Upper
152 100
115 52.4 26.3 78.8
150 157.2 0.0 344.2

