

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062421\
 Data File : VY005210.D
 Acq On : 24 Jun 2021 14:51
 Operator : SY/MD
 Sample : M2851-01
 Misc : 6.41G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BACKFILL-ASHCROFT-REAR-07

Quant Time: Jun 25 04:34:58 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)

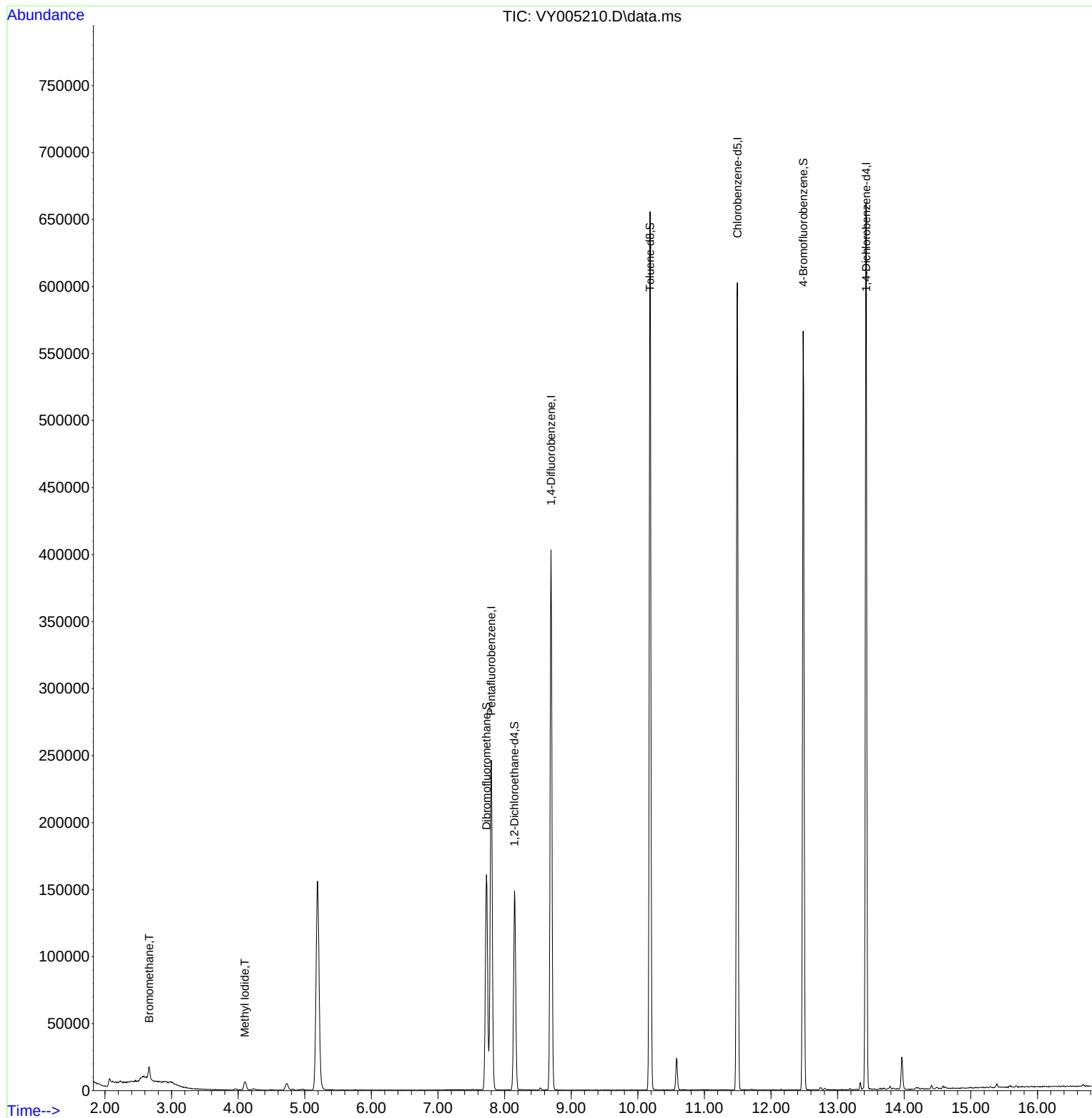
Internal Standards						
1) Pentafluorobenzene	7.801	168	216524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	360332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	360985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	184102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	114209	63.561	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.120%
35) Dibromofluoromethane	7.728	113	112743	53.054	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.100%
50) Toluene-d8	10.185	98	442894	52.115	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.240%
62) 4-Bromofluorobenzene	12.483	95	151106	53.359	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.720%
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	5848	4.253	ug/l	93
10) Methyl Iodide	4.101	142	10484	4.153	ug/l	96

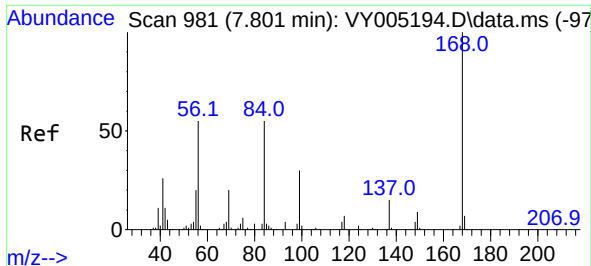
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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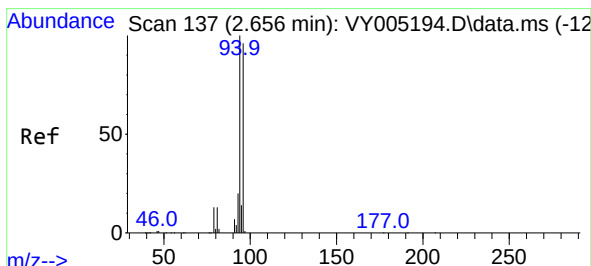
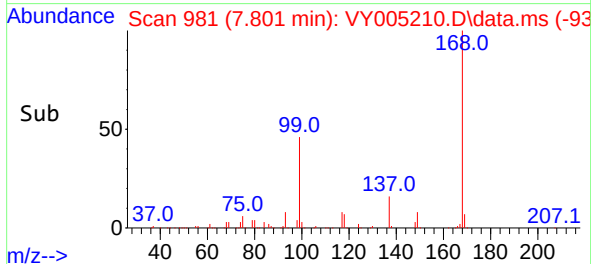
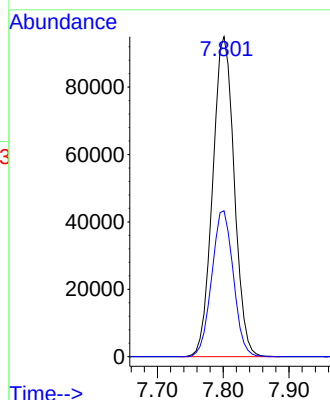
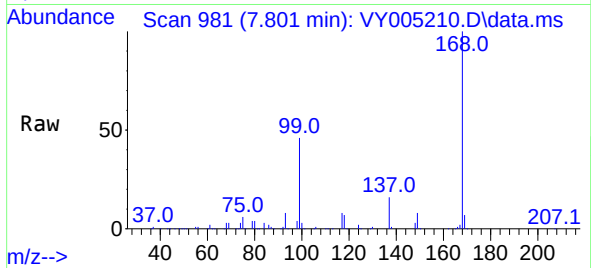




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005210.D
Acq: 24 Jun 2021 14:51

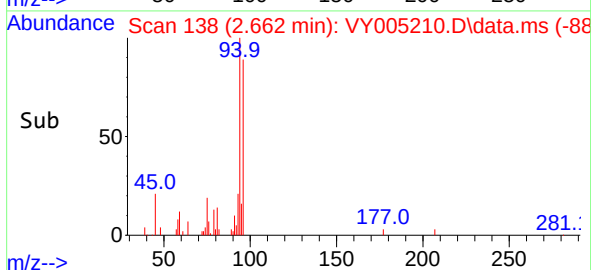
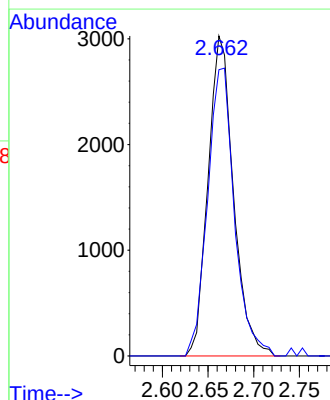
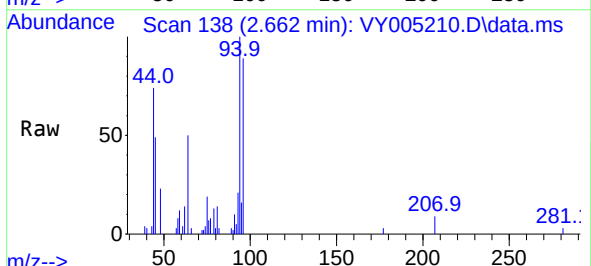
Instrument :
MSVOA_Y
ClientSampleId :
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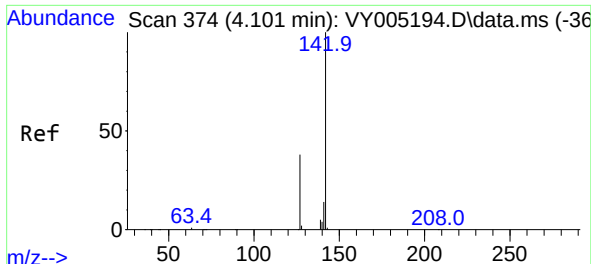
Tgt Ion:168 Resp: 216524
Ion Ratio Lower Upper
168 100
99 45.6 36.2 54.4



#5
Bromomethane
Concen: 4.253 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY005210.D
Acq: 24 Jun 2021 14:51

Tgt Ion: 94 Resp: 5848
Ion Ratio Lower Upper
94 100
96 89.5 76.9 115.3

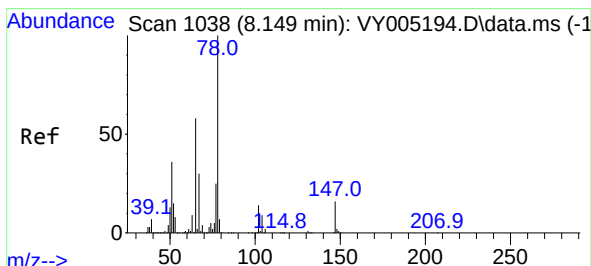
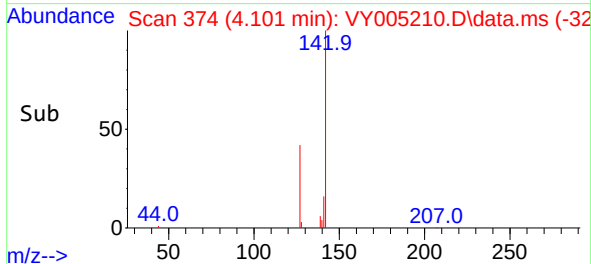
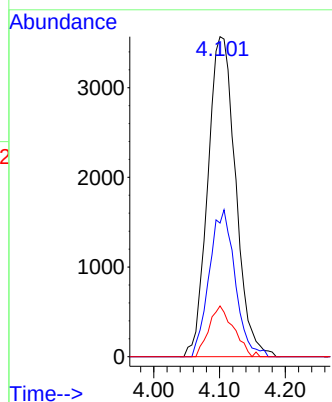
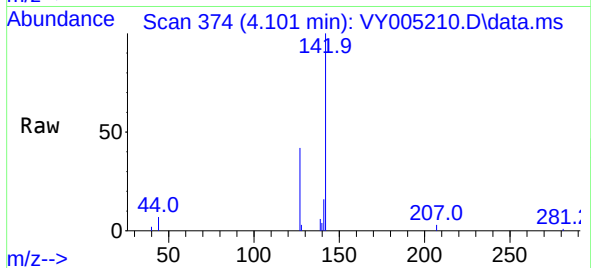




#10
Methyl Iodide
Concen: 4.153 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY005210.D
Acq: 24 Jun 2021 14:51

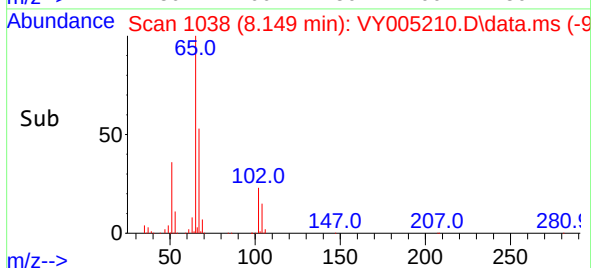
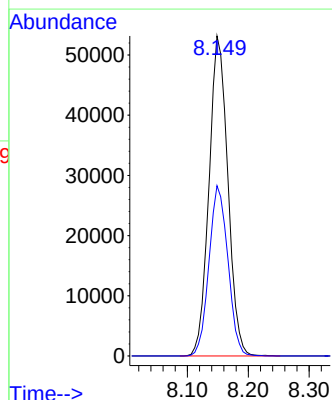
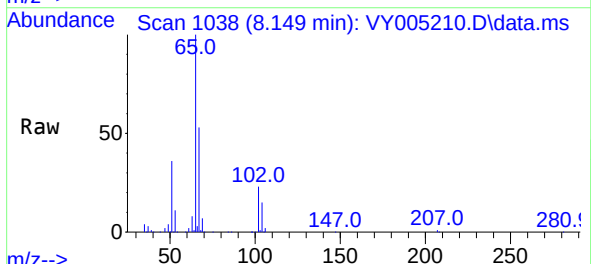
Instrument :
MSVOA_Y
ClientSampleId :
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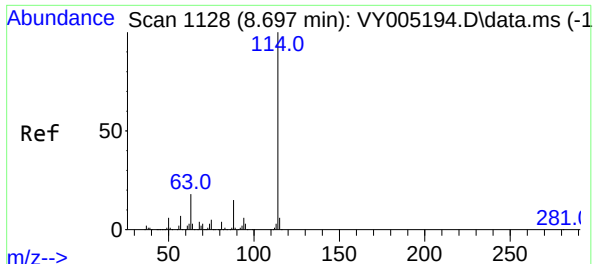
Tgt Ion:142 Resp: 10484
Ion Ratio Lower Upper
142 100
127 42.7 31.3 46.9
141 14.1 11.3 16.9



#33
1,2-Dichloroethane-d4
Concen: 63.561 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005210.D
Acq: 24 Jun 2021 14:51

Tgt Ion: 65 Resp: 114209
Ion Ratio Lower Upper
65 100
67 53.4 0.0 110.6

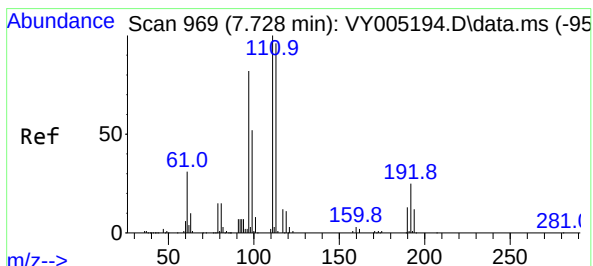
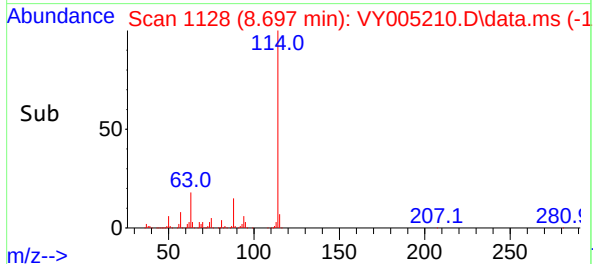
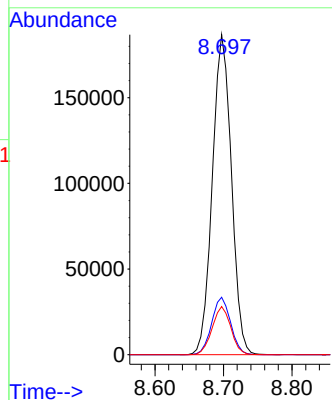
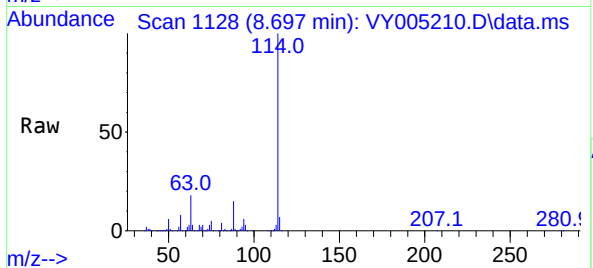




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005210.D
Acq: 24 Jun 2021 14:51

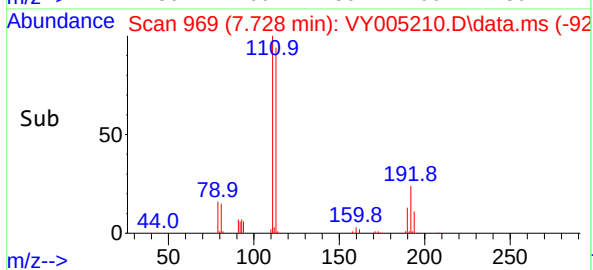
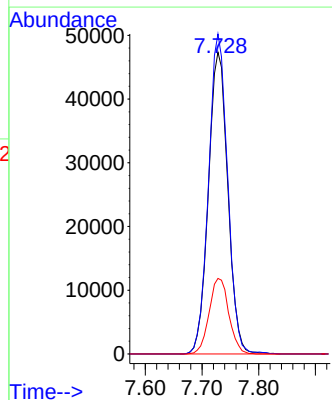
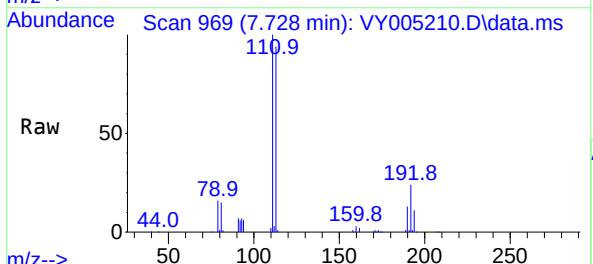
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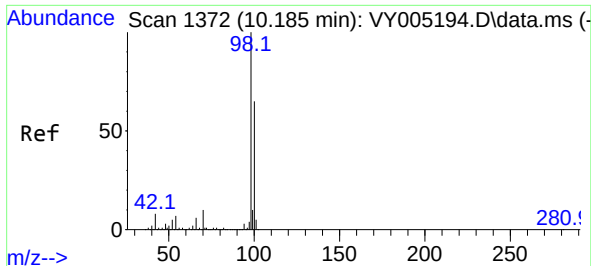
Tgt Ion:114 Resp: 360332
Ion Ratio Lower Upper
114 100
63 18.0 0.0 35.2
88 15.1 0.0 29.4



#35
Dibromofluoromethane
Concen: 53.054 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005210.D
Acq: 24 Jun 2021 14:51

Tgt Ion:113 Resp: 112743
Ion Ratio Lower Upper
113 100
111 103.9 82.6 124.0
192 25.4 20.2 30.2

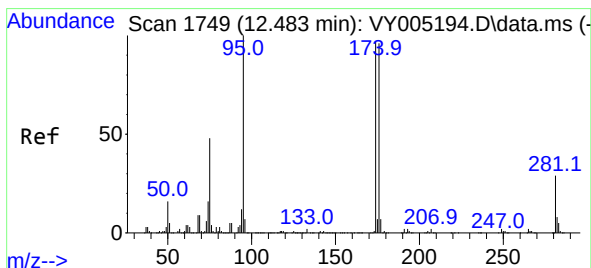
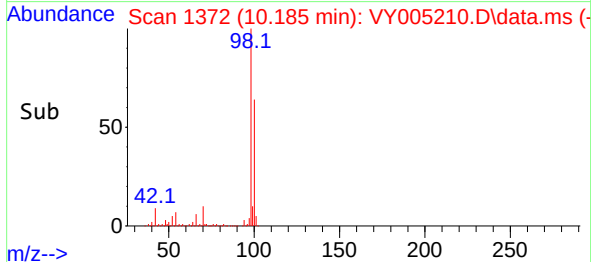
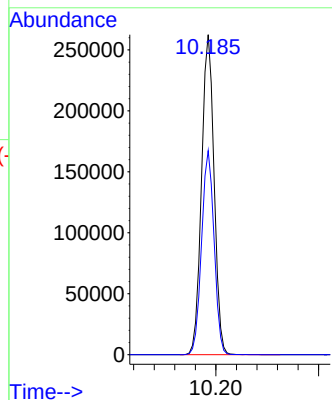
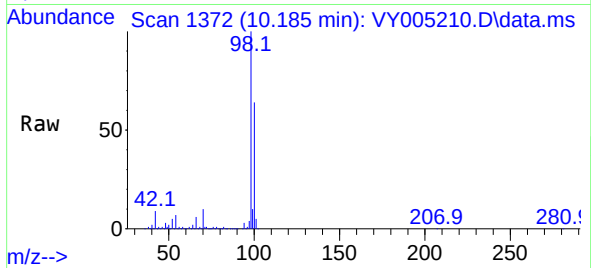




#50
Toluene-d8
Concen: 52.115 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005210.D
Acq: 24 Jun 2021 14:51

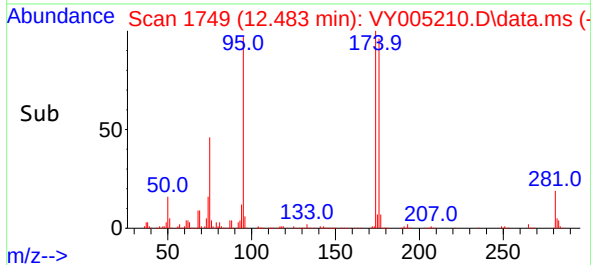
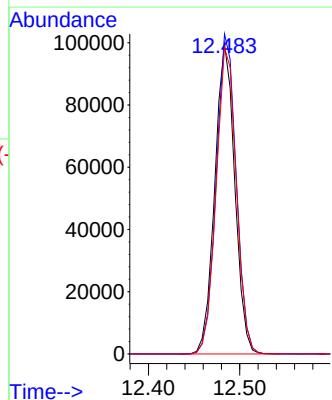
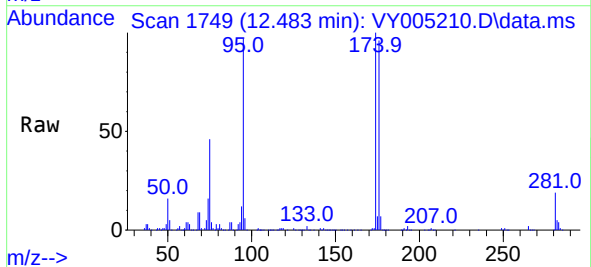
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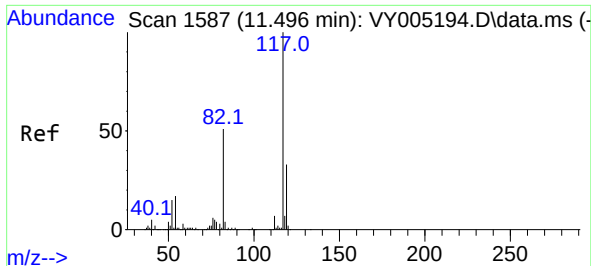
Tgt Ion: 98 Resp: 442894
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 53.359 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005210.D
Acq: 24 Jun 2021 14:51

Tgt Ion: 95 Resp: 151106
Ion Ratio Lower Upper
95 100
174 103.2 0.0 201.6
176 99.5 0.0 197.4

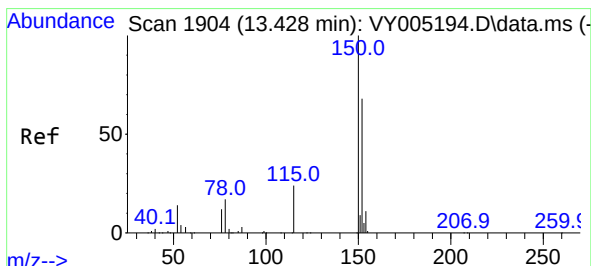
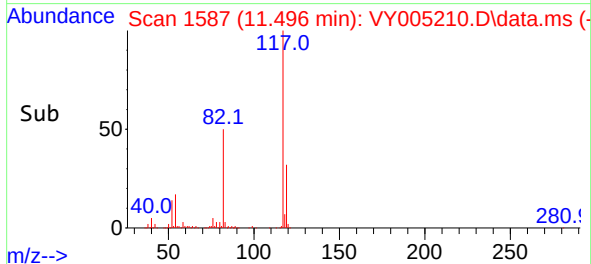
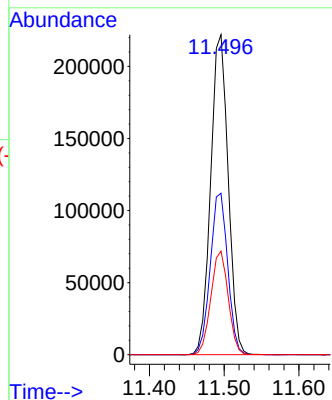
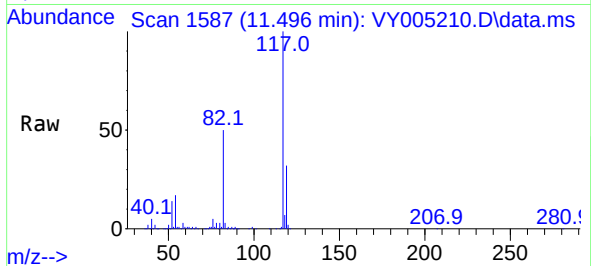




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005210.D
Acq: 24 Jun 2021 14:51

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Tgt Ion:117 Resp: 360985
Ion Ratio Lower Upper
117 100
82 50.5 40.6 60.8
119 32.3 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: VY005210.D
Acq: 24 Jun 2021 14:51

Tgt Ion:152 Resp: 184102
Ion Ratio Lower Upper
152 100
115 52.4 26.3 78.8
150 156.0 0.0 344.2

