

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072621\
 Data File : VY005454.D
 Acq On : 26 Jul 2021 18:54
 Operator : SY/MD
 Sample : M3159-08
 Misc : 4.30G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210453-39

Quant Time: Jul 27 03:12:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

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

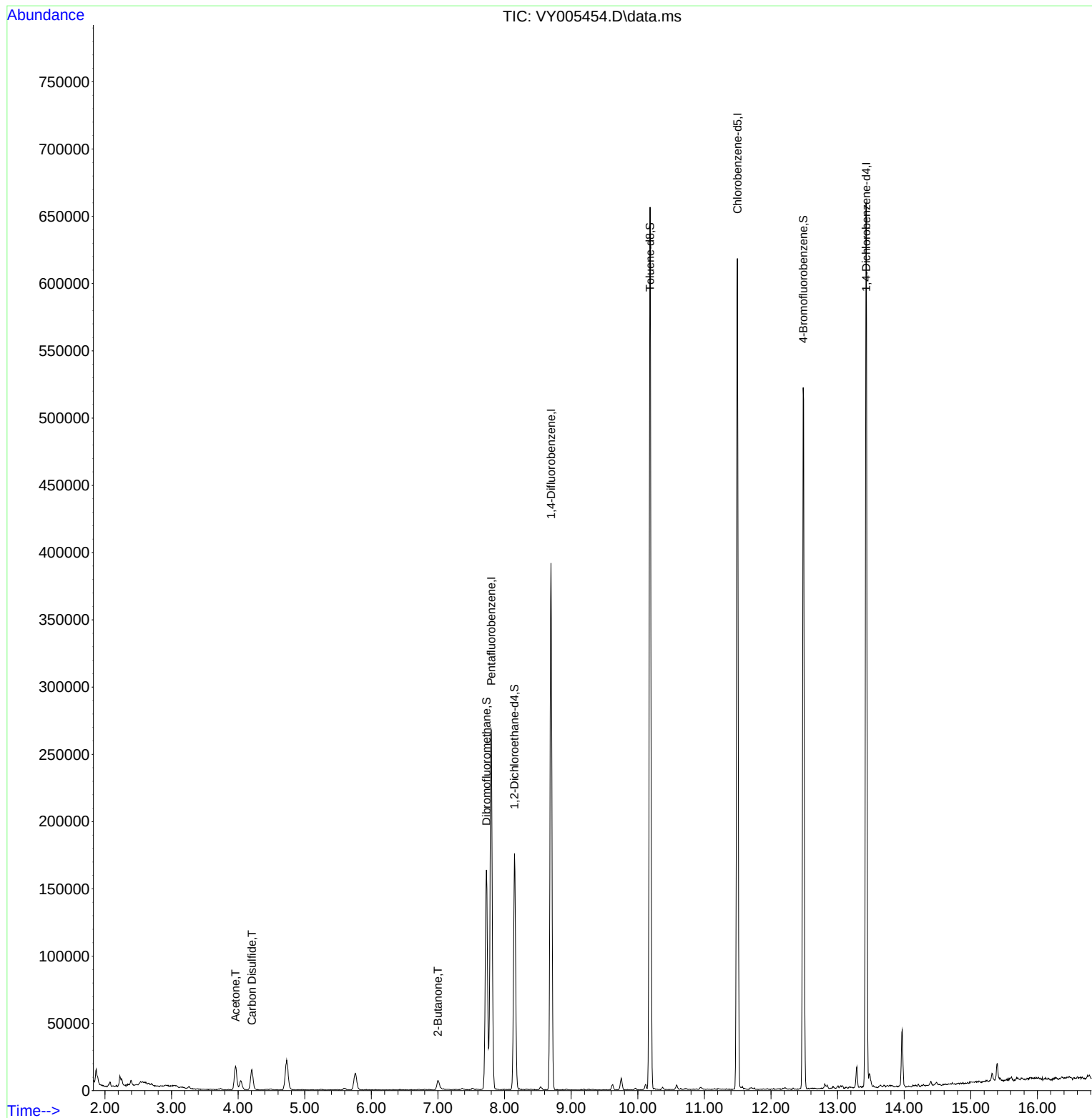
Internal Standards						
1) Pentafluorobenzene	7.801	168	218774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	326545	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	328269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	168279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	139321	59.609	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 119.220%		
35) Dibromofluoromethane	7.728	113	112938	59.898	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 119.800%		
50) Toluene-d8	10.185	98	415521	51.996	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 104.000%		
62) 4-Bromofluorobenzene	12.483	95	146185	55.425	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 110.840%		
Target Compounds						
						Qvalue
16) Acetone	3.960	43	30393	56.942	ug/l	93
17) Carbon Disulfide	4.204	76	29414	4.253	ug/l	100
25) 2-Butanone	6.997	43	9807	12.269	ug/l	97

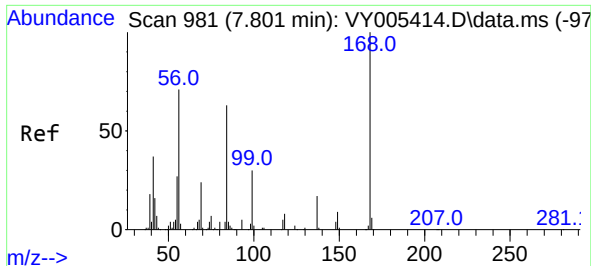
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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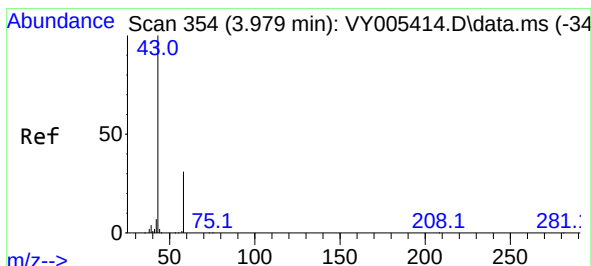
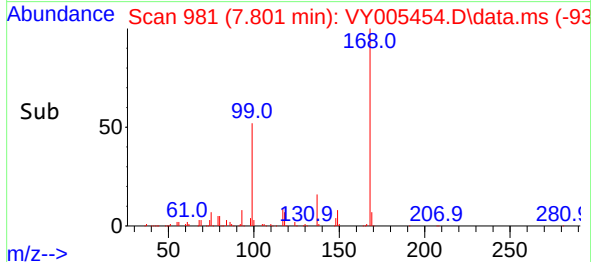
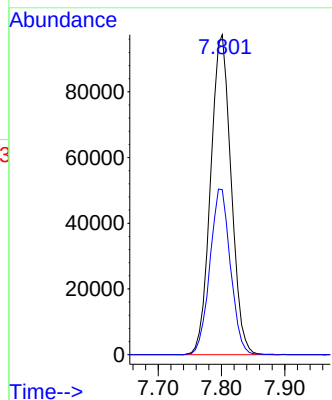
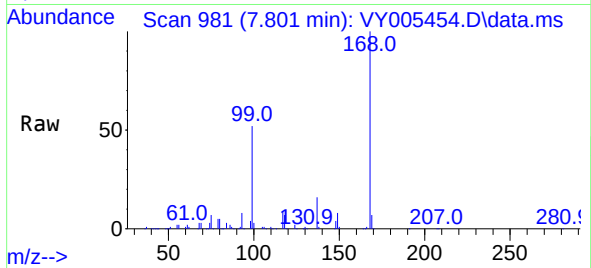




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005454.D
Acq: 26 Jul 2021 18:54

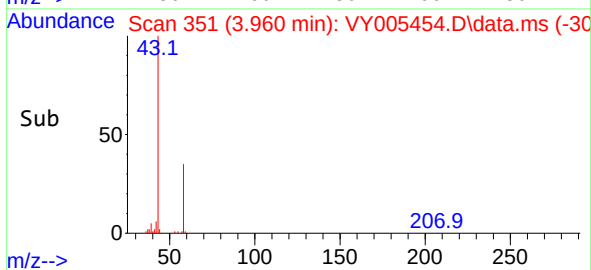
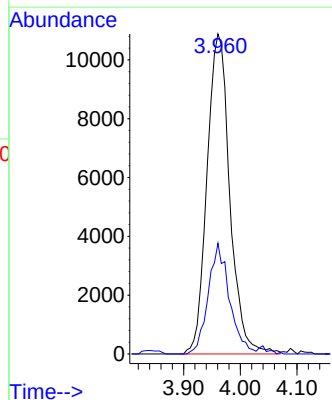
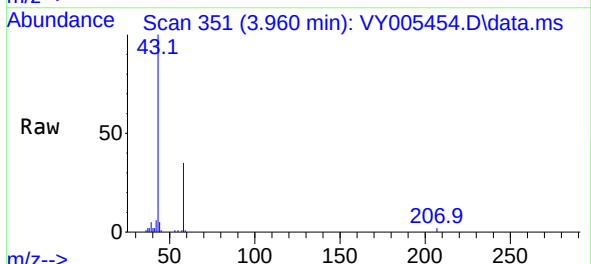
Instrument :
MSVOA_Y
ClientSampleId :
20210453-39

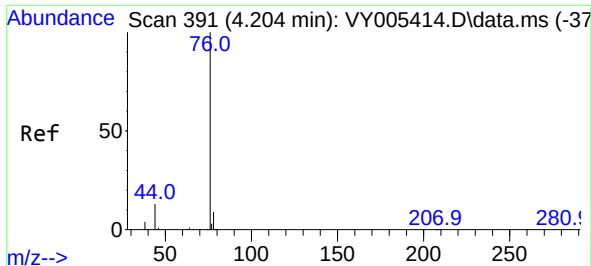
Tgt Ion:168 Resp: 218774
Ion Ratio Lower Upper
168 100
99 51.6 39.8 59.6



#16
Acetone
Concen: 56.942 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY005454.D
Acq: 26 Jul 2021 18:54

Tgt Ion: 43 Resp: 30393
Ion Ratio Lower Upper
43 100
58 34.6 24.5 36.7

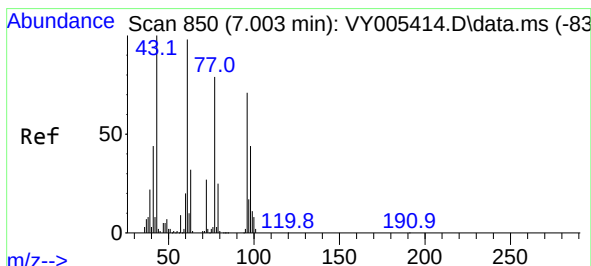
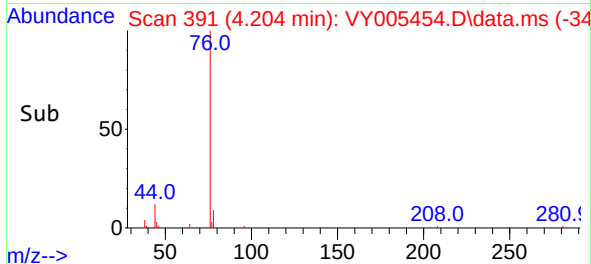
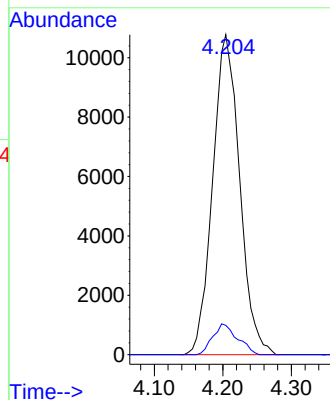
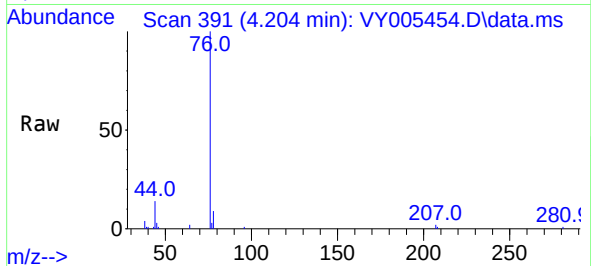




#17
Carbon Disulfide
Concen: 4.253 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY005454.D
Acq: 26 Jul 2021 18:54

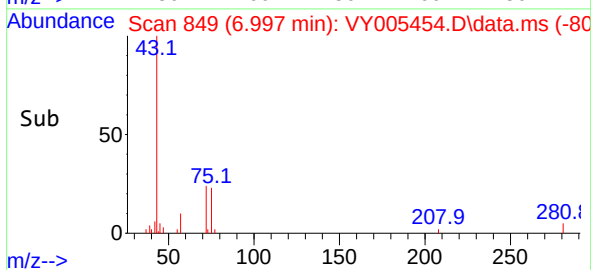
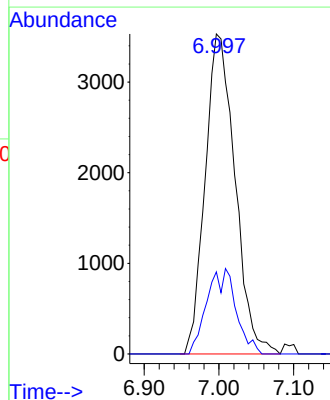
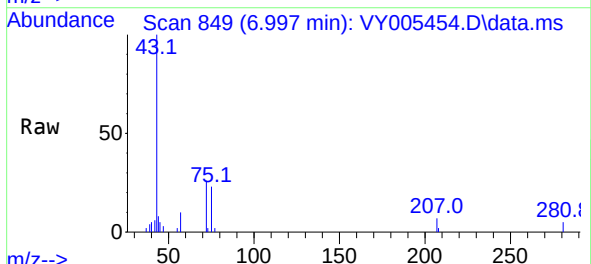
Instrument :
MSVOA_Y
ClientSampleId :
20210453-39

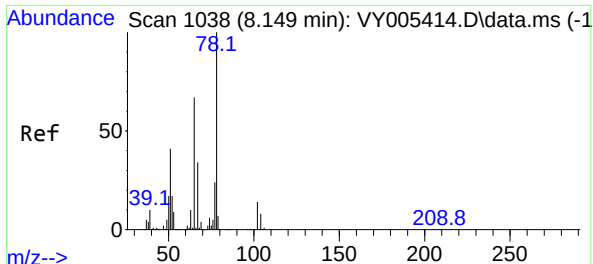
Tgt Ion: 76 Resp: 29414
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#25
2-Butanone
Concen: 12.269 ug/l
RT: 6.997 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY005454.D
Acq: 26 Jul 2021 18:54

Tgt Ion: 43 Resp: 9807
Ion Ratio Lower Upper
43 100
72 25.7 21.9 32.9

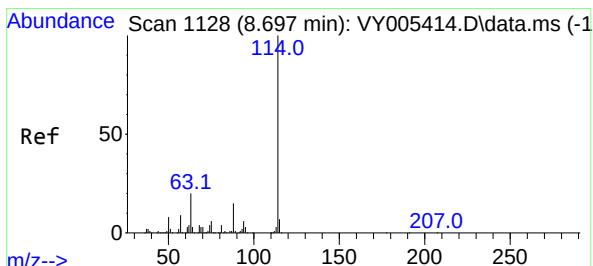
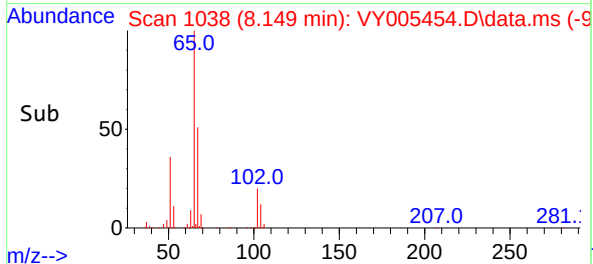
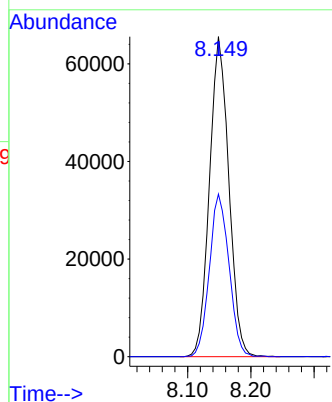
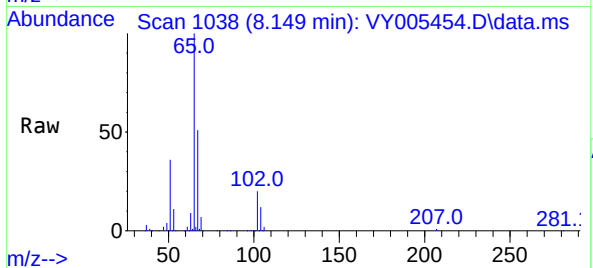




#33
1,2-Dichloroethane-d4
Concen: 59.609 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005454.D
Acq: 26 Jul 2021 18:54

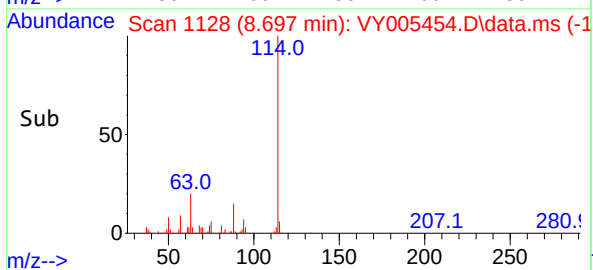
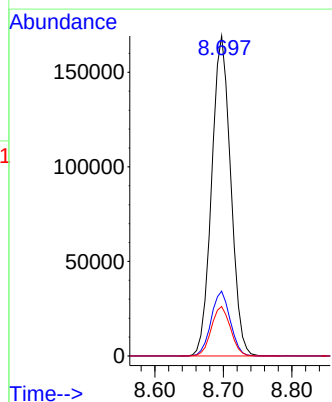
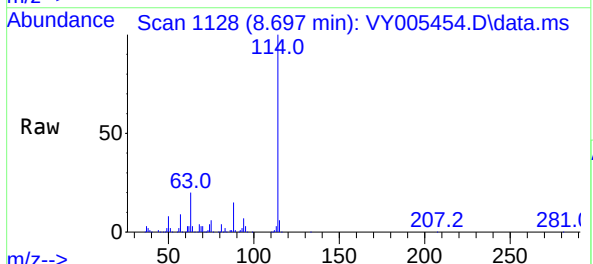
Instrument :
MSVOA_Y
ClientSampleId :
20210453-39

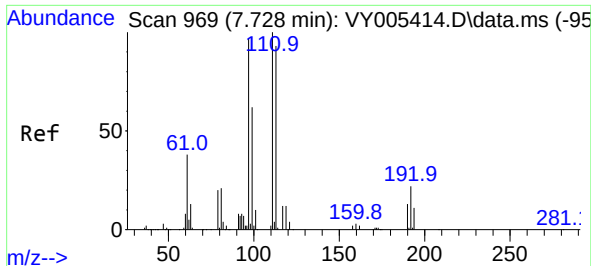
Tgt Ion: 65 Resp: 139321
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005454.D
Acq: 26 Jul 2021 18:54

Tgt Ion:114 Resp: 326545
Ion Ratio Lower Upper
114 100
63 20.3 0.0 39.0
88 15.5 0.0 30.8

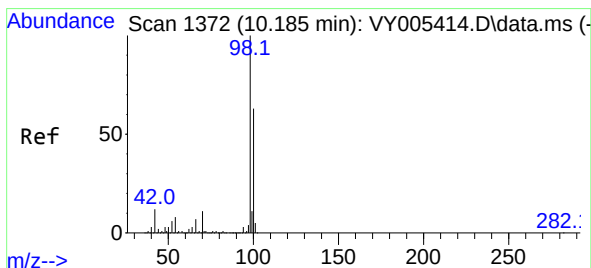
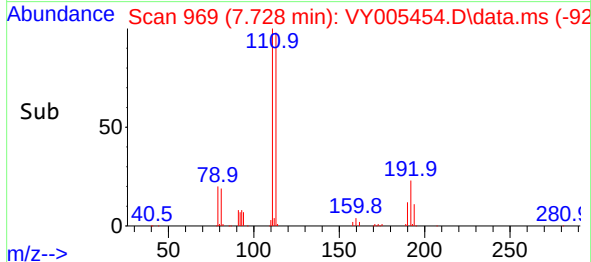
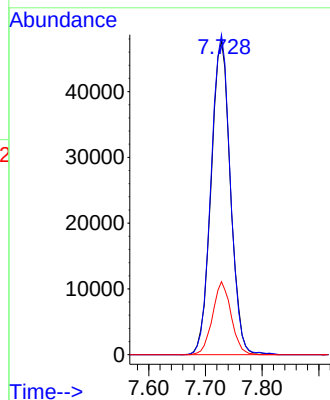
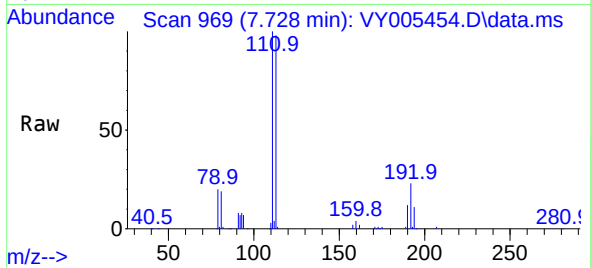




#35
Dibromofluoromethane
Concen: 59.898 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005454.D
Acq: 26 Jul 2021 18:54

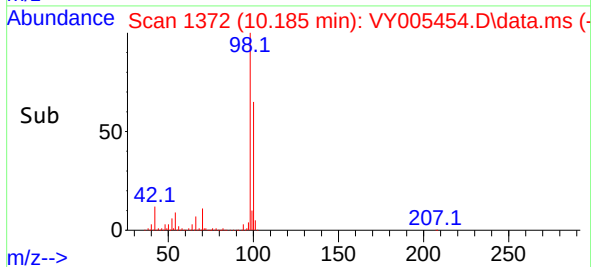
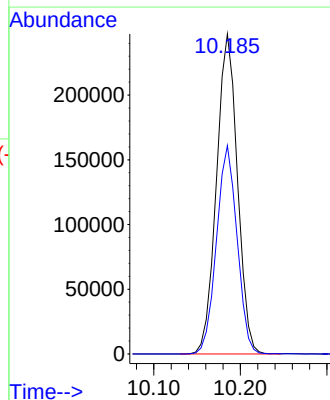
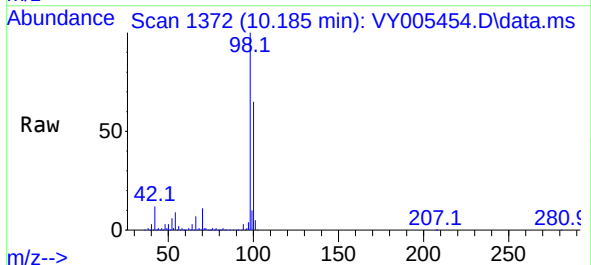
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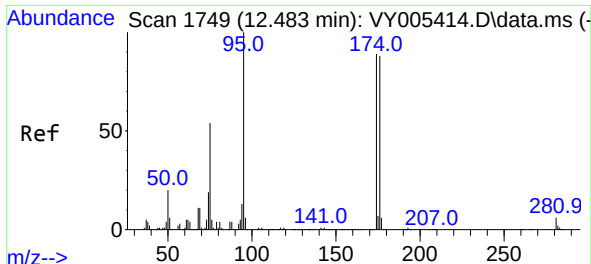
Tgt Ion:113 Resp: 112938
Ion Ratio Lower Upper
113 100
111 101.4 82.6 124.0
192 22.3 18.9 28.3



#50
Toluene-d8
Concen: 51.996 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005454.D
Acq: 26 Jul 2021 18:54

Tgt Ion: 98 Resp: 415521
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



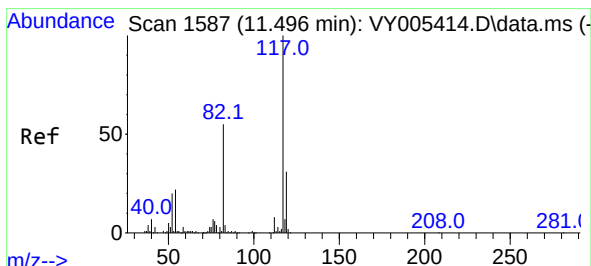
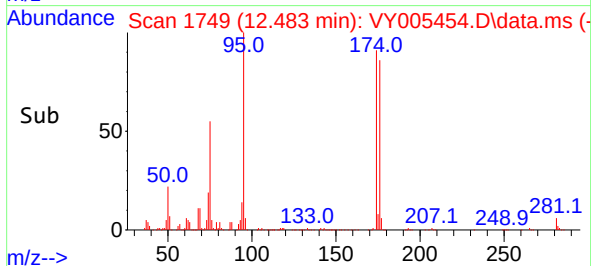
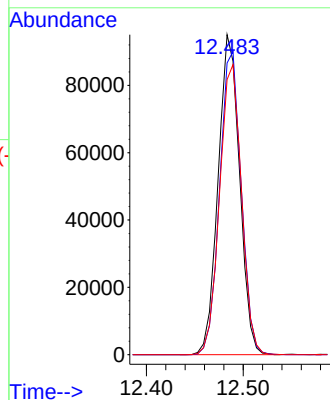
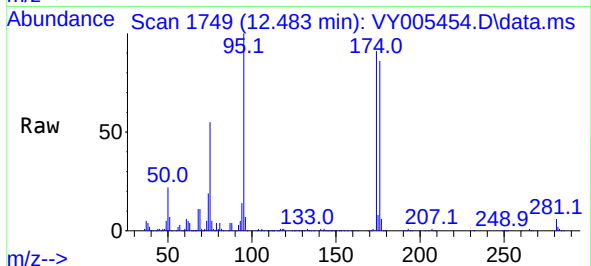


#62
4-Bromofluorobenzene
Concen: 55.425 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005454.D
Acq: 26 Jul 2021 18:54

Instrument :
MSVOA_Y
ClientSampleId :
20210453-39

Tgt Ion: 95 Resp: 146185

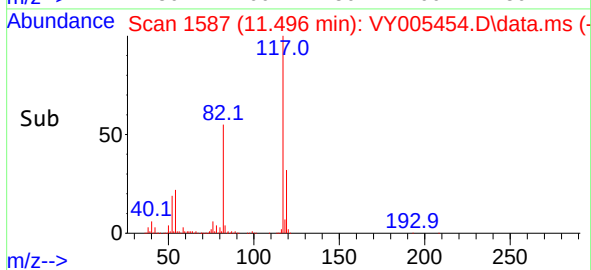
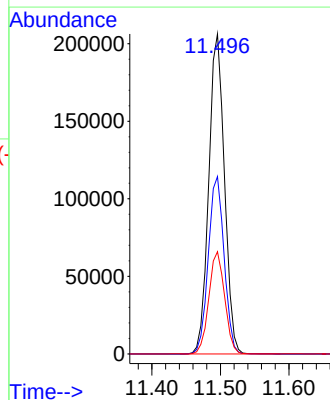
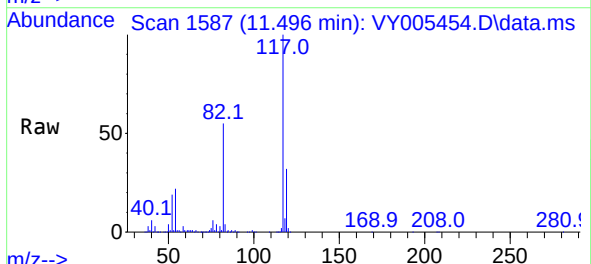
Ion	Ratio	Lower	Upper
95	100		
174	95.1	0.0	186.6
176	92.4	0.0	182.4

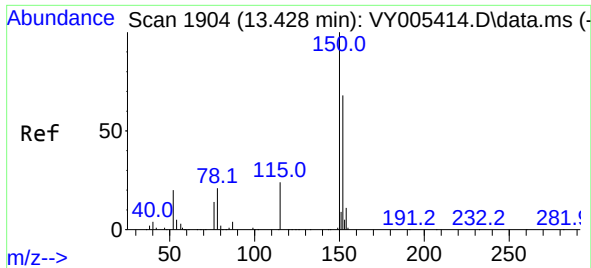


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005454.D
Acq: 26 Jul 2021 18:54

Tgt Ion: 117 Resp: 328269

Ion	Ratio	Lower	Upper
117	100		
82	55.5	43.8	65.6
119	32.0	24.8	37.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005454.D
 Acq: 26 Jul 2021 18:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210453-39

Tgt Ion:152 Resp: 168279
 Ion Ratio Lower Upper
 152 100
 115 54.8 27.7 83.1
 150 156.7 0.0 349.6

