

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072621\
 Data File : VY005455.D
 Acq On : 26 Jul 2021 19:17
 Operator : SY/MD
 Sample : M3159-09
 Misc : 2.78G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210467-53

Quant Time: Jul 27 03:12:58 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)

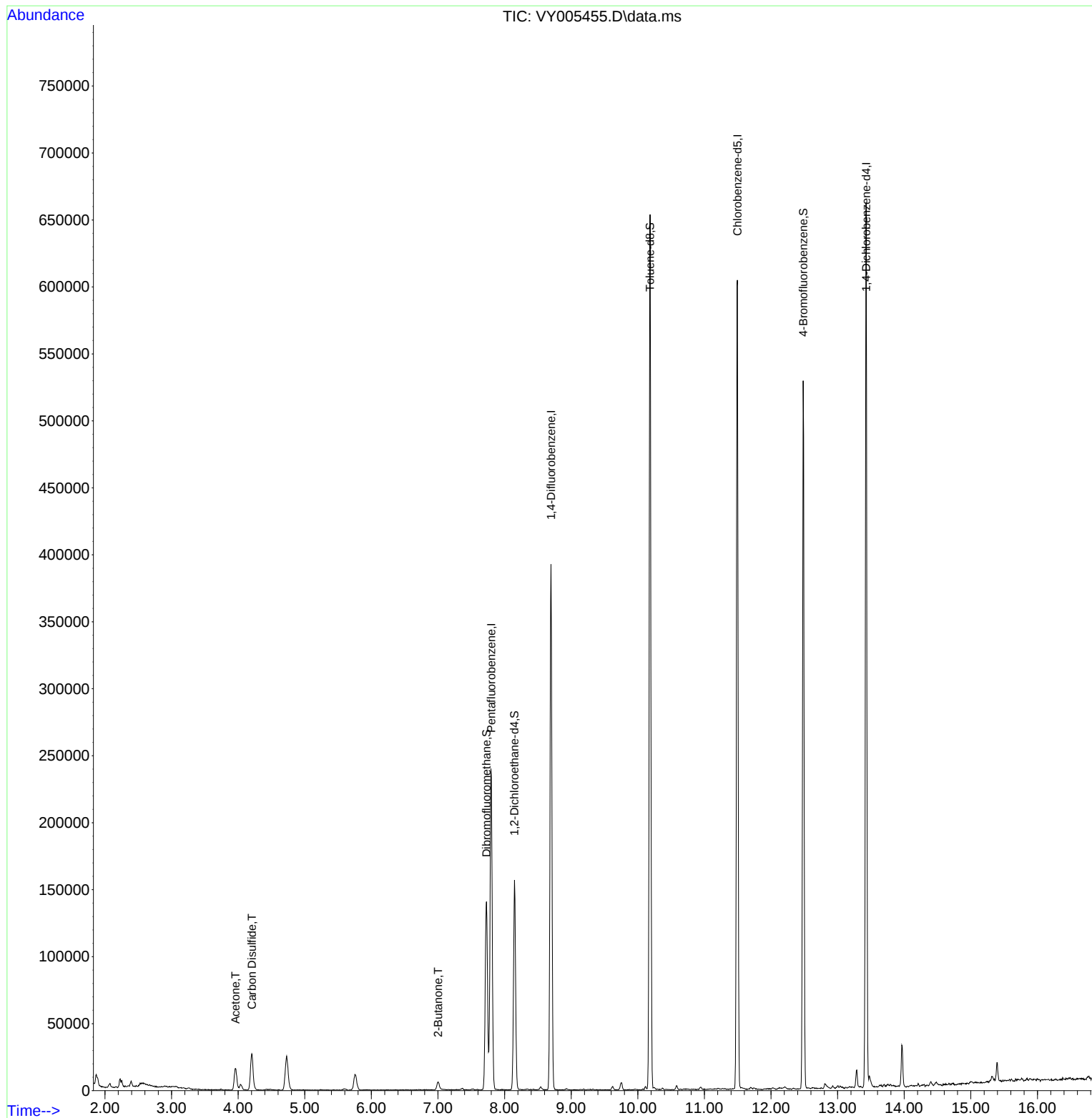
Internal Standards						
1) Pentafluorobenzene	7.801	168	195811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	328345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	324203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	162907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	123661	59.114	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.220%	
35) Dibromofluoromethane	7.728	113	97012	51.170	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.340%	
50) Toluene-d8	10.185	98	416933	51.886	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.780%	
62) 4-Bromofluorobenzene	12.483	95	144979	54.666	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.340%	
Target Compounds						
						Qvalue
16) Acetone	3.960	43	29039	60.785	ug/l	96
17) Carbon Disulfide	4.204	76	55166	8.911	ug/l	99
25) 2-Butanone	7.002	43	8931	12.484	ug/l	100

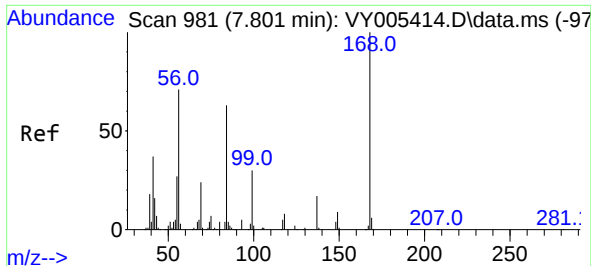
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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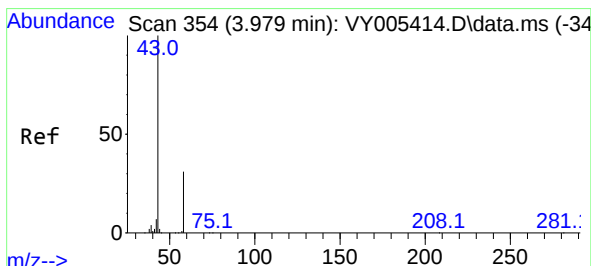
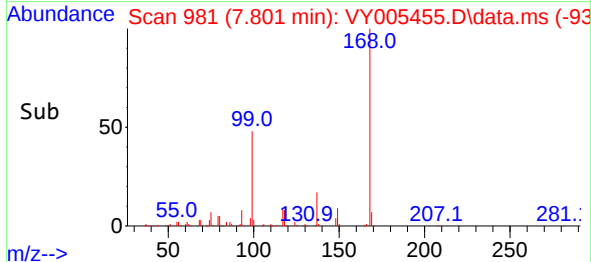
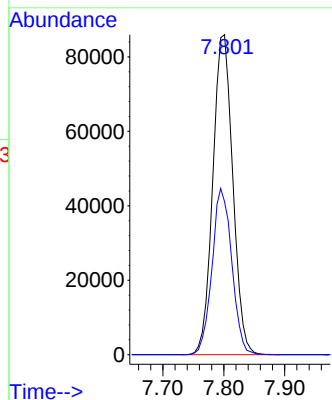
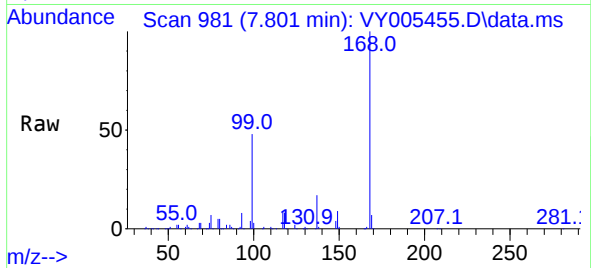




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005455.D
Acq: 26 Jul 2021 19:17

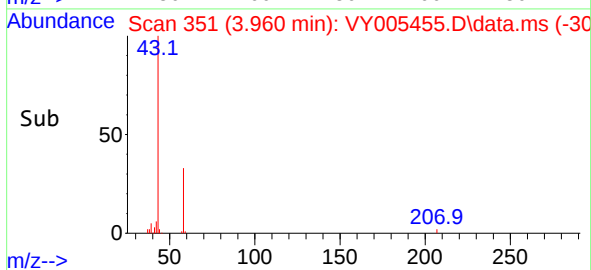
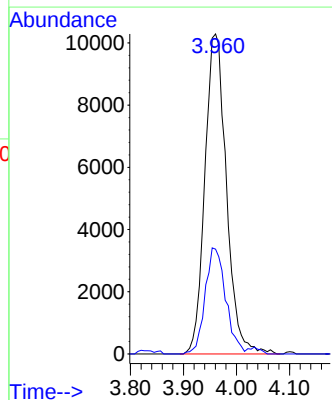
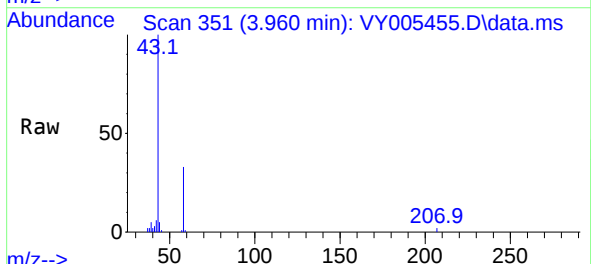
Instrument :
MSVOA_Y
ClientSampleId :
20210467-53

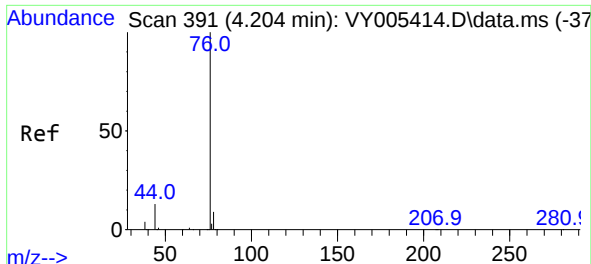
Tgt Ion:168 Resp: 195811
Ion Ratio Lower Upper
168 100
99 47.9 39.8 59.6



#16
Acetone
Concen: 60.785 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY005455.D
Acq: 26 Jul 2021 19:17

Tgt Ion: 43 Resp: 29039
Ion Ratio Lower Upper
43 100
58 32.8 24.5 36.7

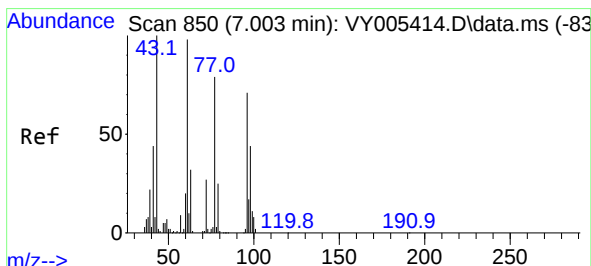
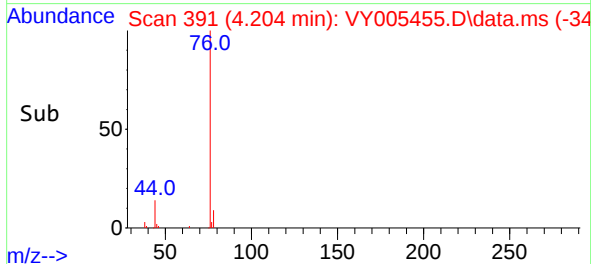
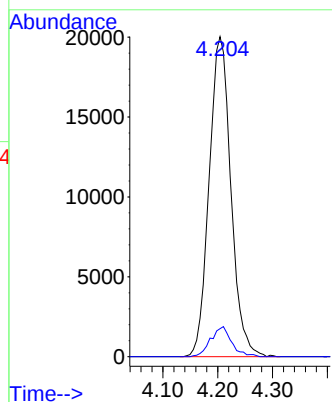
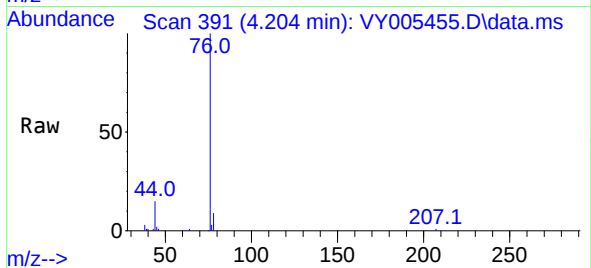




#17
Carbon Disulfide
Concen: 8.911 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005455.D
Acq: 26 Jul 2021 19:17

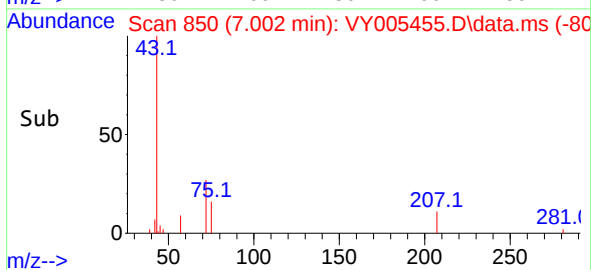
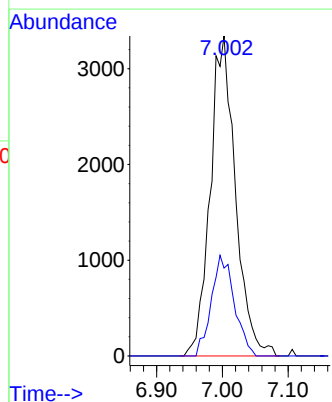
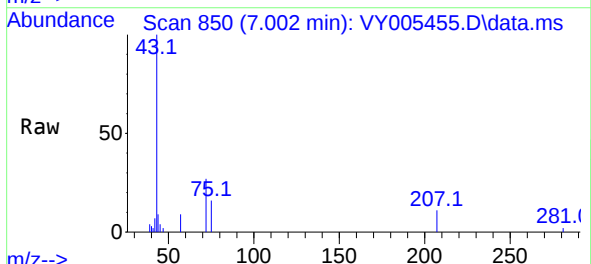
Instrument :
MSVOA_Y
ClientSampleId :
20210467-53

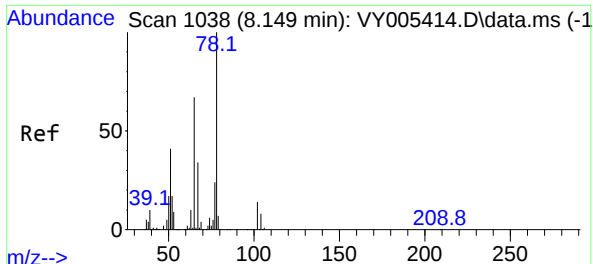
Tgt Ion: 76 Resp: 55166
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#25
2-Butanone
Concen: 12.484 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY005455.D
Acq: 26 Jul 2021 19:17

Tgt Ion: 43 Resp: 8931
Ion Ratio Lower Upper
43 100
72 27.4 21.9 32.9

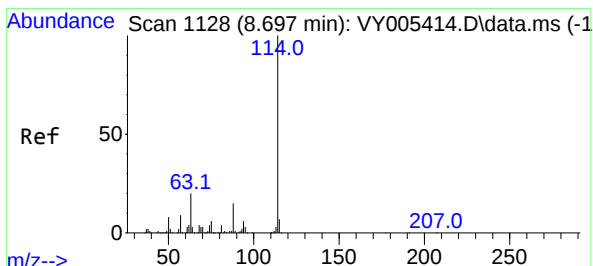
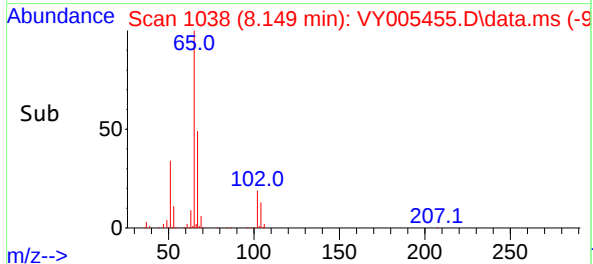
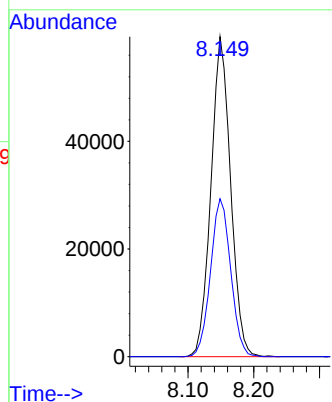
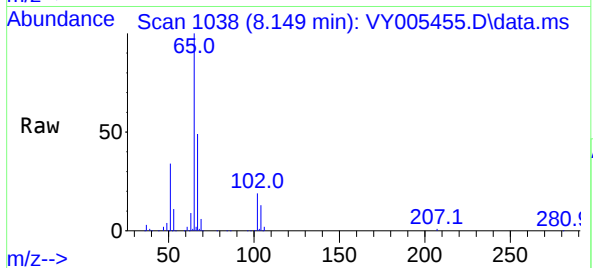




#33
1,2-Dichloroethane-d4
Concen: 59.114 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005455.D
Acq: 26 Jul 2021 19:17

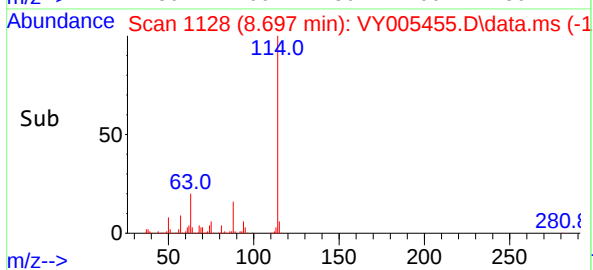
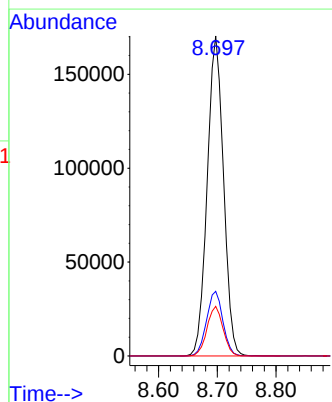
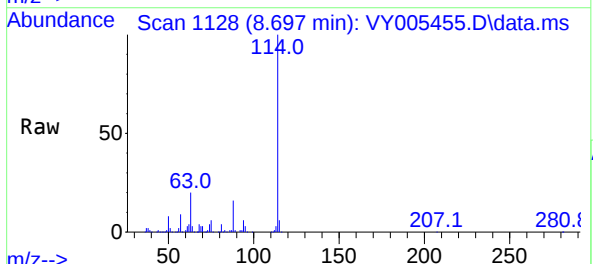
Instrument :
MSVOA_Y
ClientSampleId :
20210467-53

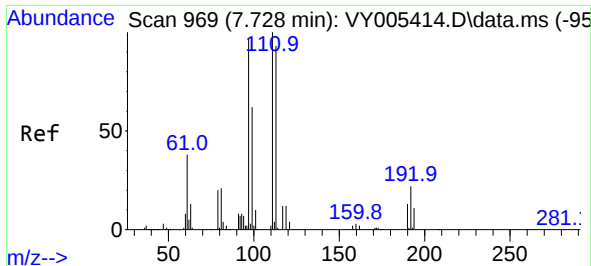
Tgt Ion: 65 Resp: 123661
Ion Ratio Lower Upper
65 100
67 50.7 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005455.D
Acq: 26 Jul 2021 19:17

Tgt Ion:114 Resp: 328345
Ion Ratio Lower Upper
114 100
63 20.2 0.0 39.0
88 15.5 0.0 30.8

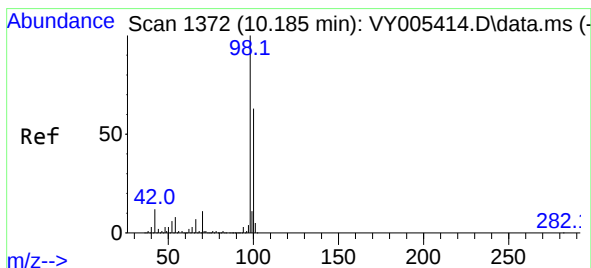
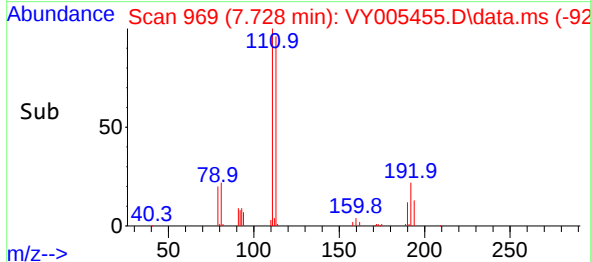
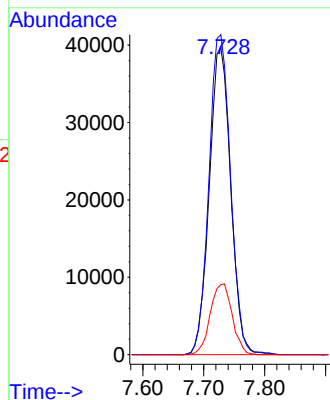
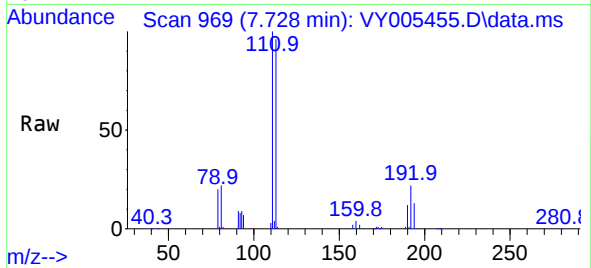




#35
Dibromofluoromethane
Concen: 51.170 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005455.D
Acq: 26 Jul 2021 19:17

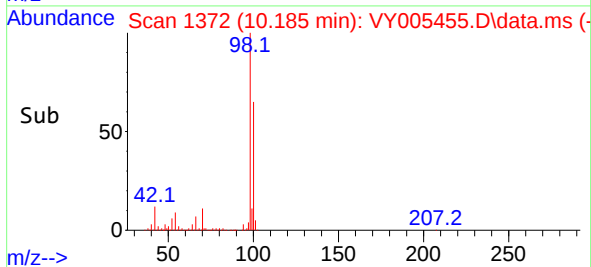
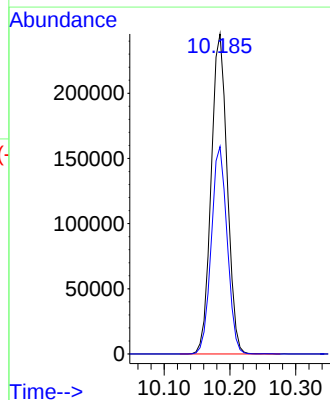
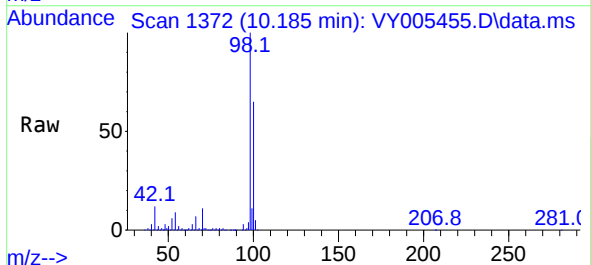
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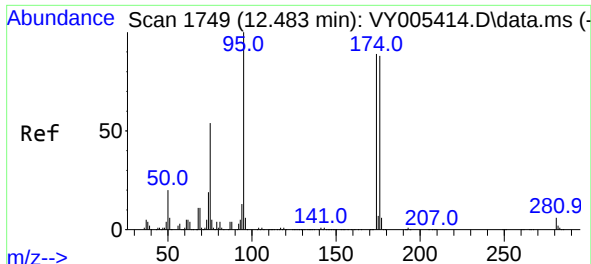
Tgt Ion:113 Resp: 97012
Ion Ratio Lower Upper
113 100
111 105.3 82.6 124.0
192 23.6 18.9 28.3



#50
Toluene-d8
Concen: 51.886 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005455.D
Acq: 26 Jul 2021 19:17

Tgt Ion: 98 Resp: 416933
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3

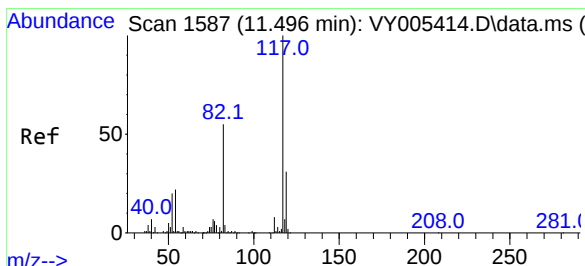
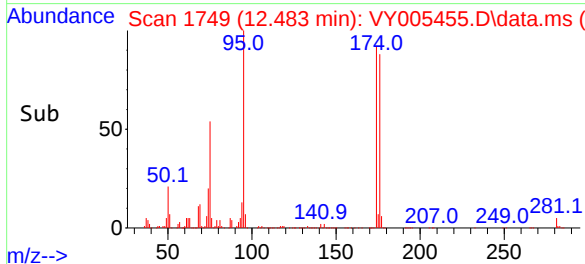
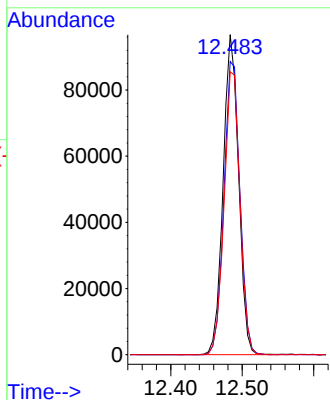
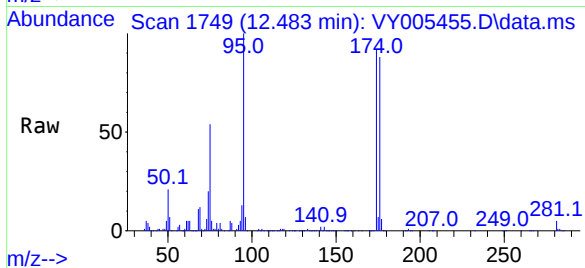




#62
4-Bromofluorobenzene
Concen: 54.666 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005455.D
Acq: 26 Jul 2021 19:17

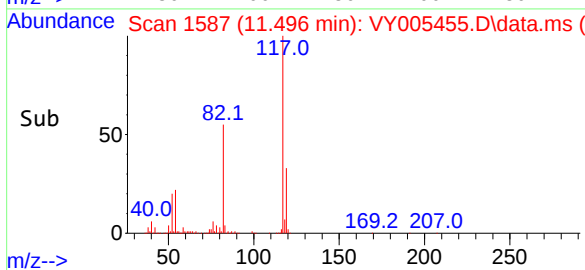
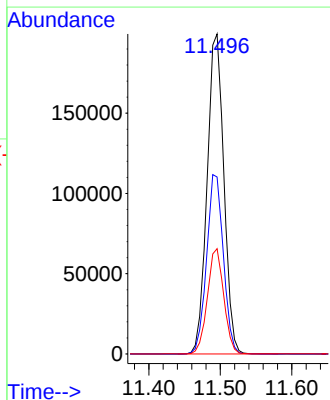
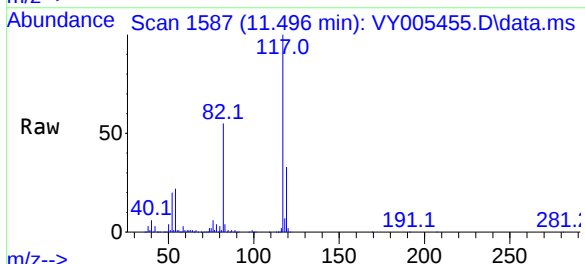
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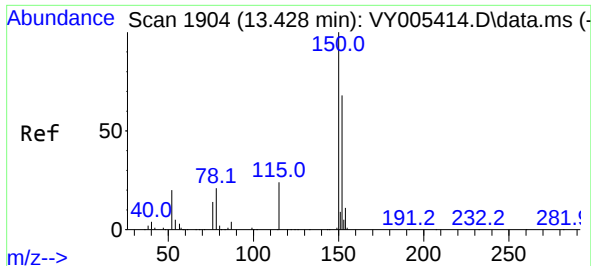
Tgt Ion:	95	Resp:	144979
Ion	Ratio	Lower	Upper
95	100		
174	94.9	0.0	186.6
176	90.8	0.0	182.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005455.D
Acq: 26 Jul 2021 19:17

Tgt Ion:	117	Resp:	324203
Ion	Ratio	Lower	Upper
117	100		
82	55.3	43.8	65.6
119	32.9	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: VY005455.D
 Acq: 26 Jul 2021 19:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210467-53

Tgt Ion:152 Resp: 162907

Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.7	83.1
150	158.3	0.0	349.6

