

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072321\
 Data File : VY005436.D
 Acq On : 23 Jul 2021 23:14
 Operator : SY/MD
 Sample : M3159-09
 Misc : 3.64G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210467-53

Quant Time: Jul 24 03:05:35 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)

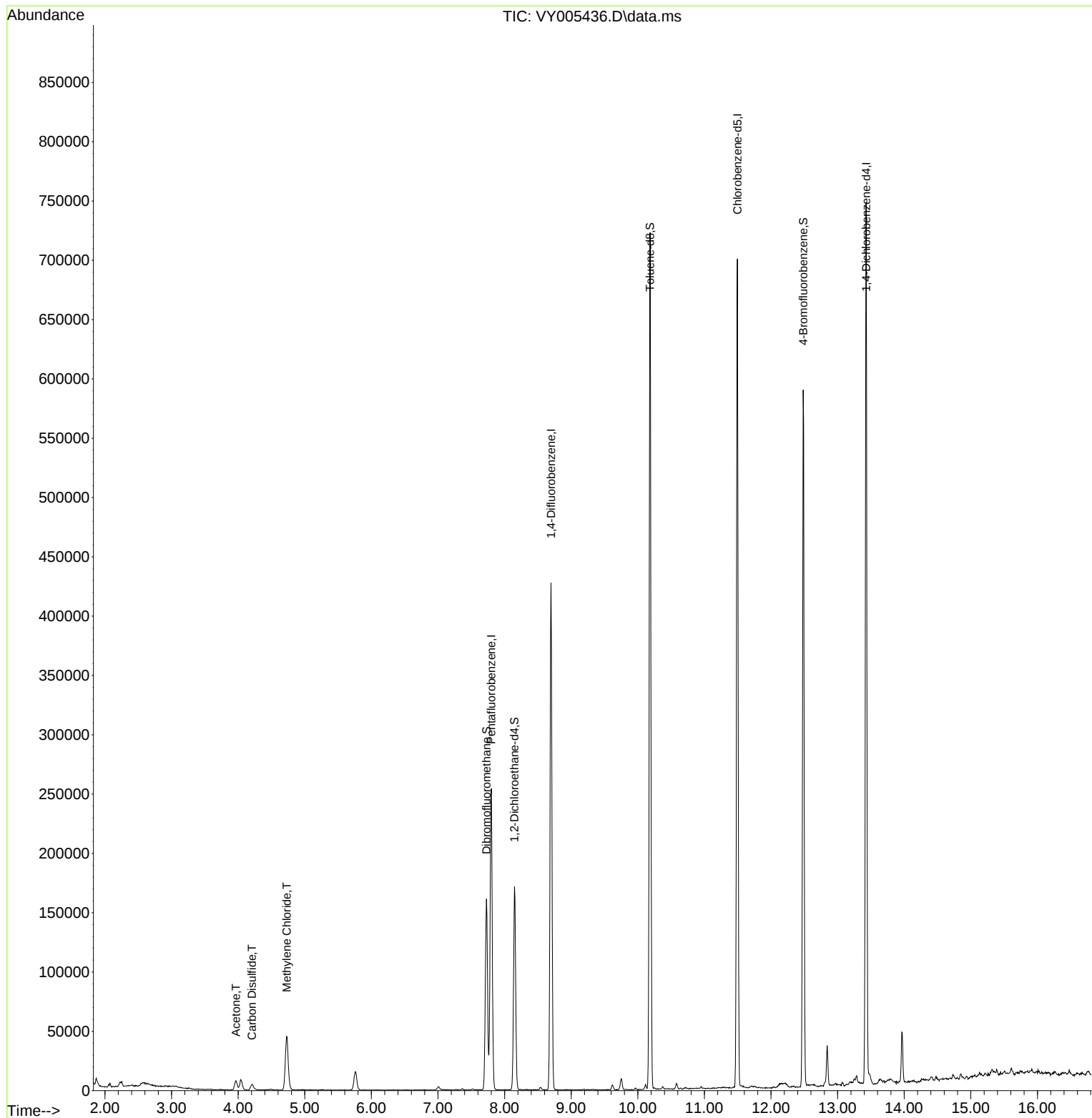
Internal Standards						
1) Pentafluorobenzene	7.801	168	205494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	354868	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	365905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	188196	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	138712	63.18	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 126.36%			
35) Dibromofluoromethane	7.728	113	108098	52.76	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.52%			
50) Toluene-d8	10.185	98	458617	52.81	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.62%			
62) 4-Bromofluorobenzene	12.483	95	166850	58.21	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 116.42%			
Target Compounds						Qvalue
16) Acetone	3.966	43	13701	27.33	ug/l	95
17) Carbon Disulfide	4.204	76	9065	1.40	ug/l	99
20) Methylene Chloride	4.728	84	33598	10.67	ug/l	98

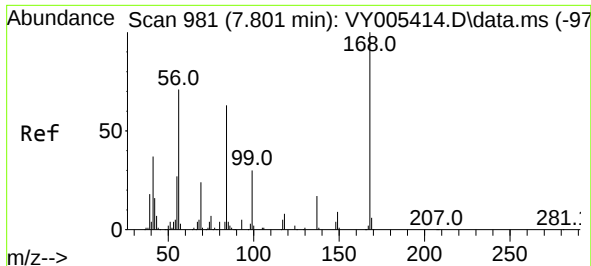
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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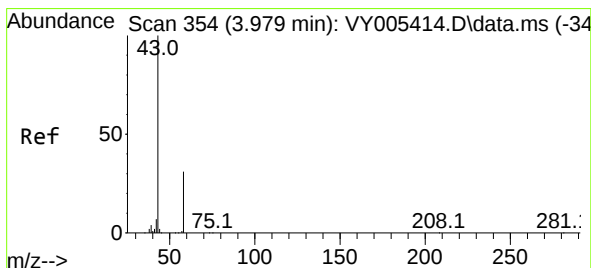
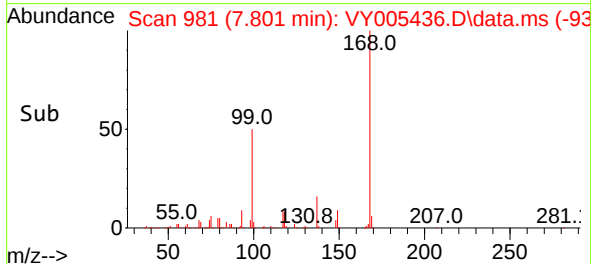
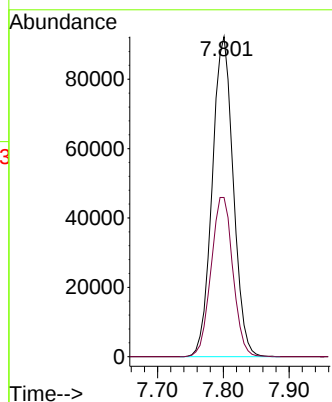
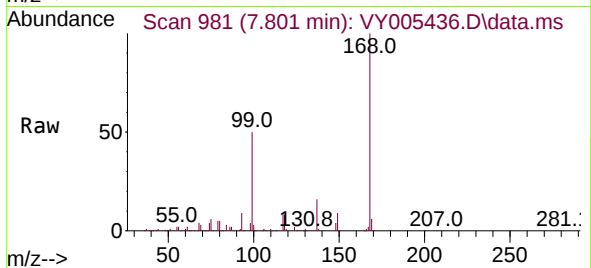




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005436.D
Acq: 23 Jul 2021 23:14

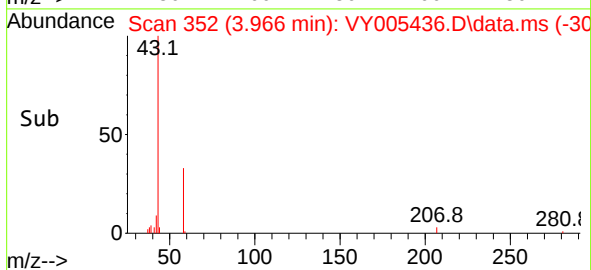
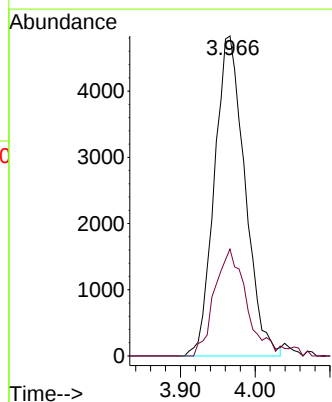
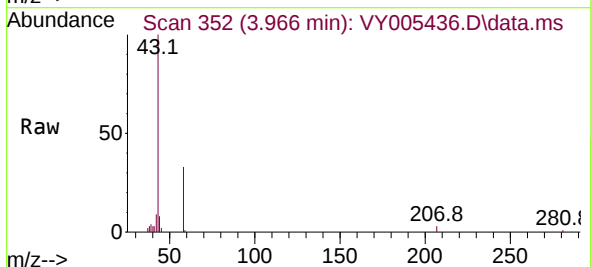
Instrument :
MSVOA_Y
ClientSampleId :
20210467-53

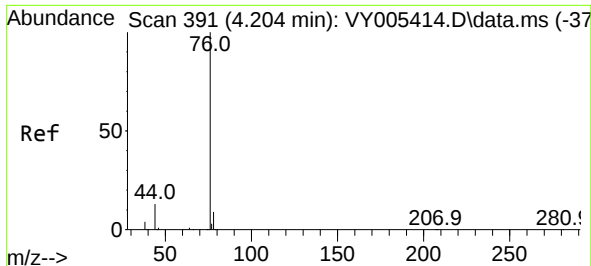
Tgt Ion:168 Resp: 205494
Ion Ratio Lower Upper
168 100
99 49.7 39.8 59.6



#16
Acetone
Concen: 27.33 ug/l
RT: 3.966 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY005436.D
Acq: 23 Jul 2021 23:14

Tgt Ion: 43 Resp: 13701
Ion Ratio Lower Upper
43 100
58 33.4 24.5 36.7

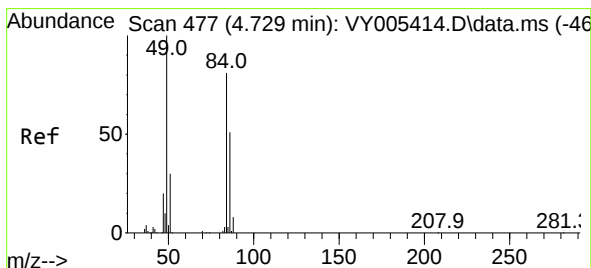
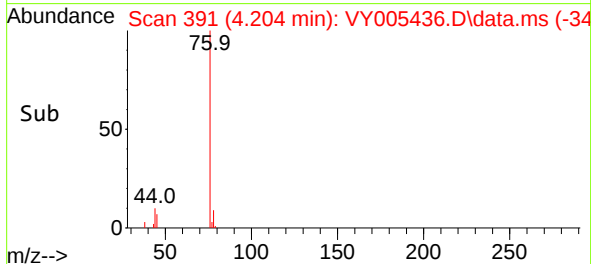
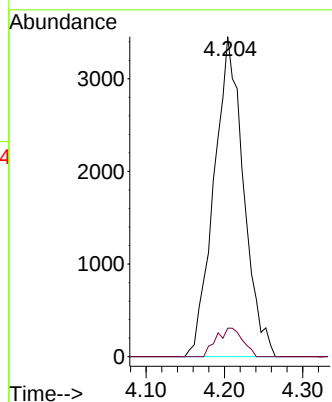
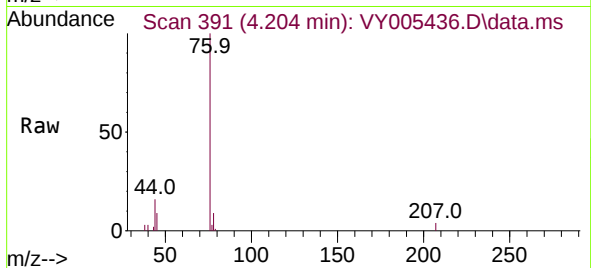




#17
Carbon Disulfide
Concen: 1.40 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005436.D
Acq: 23 Jul 2021 23:14

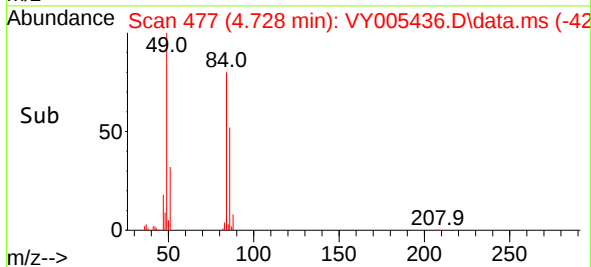
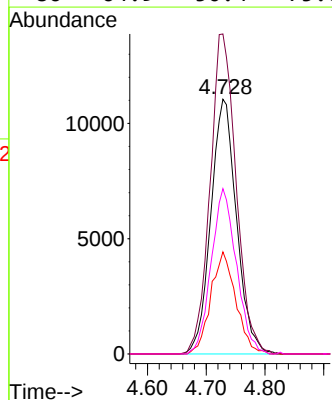
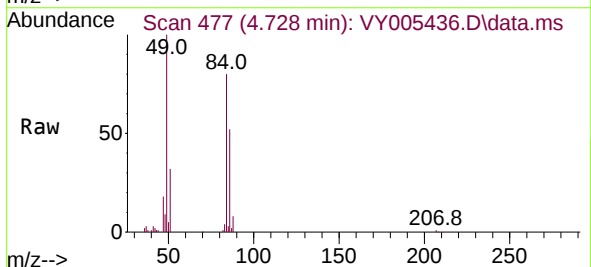
Instrument :
MSVOA_Y
ClientSampleId :
20210467-53

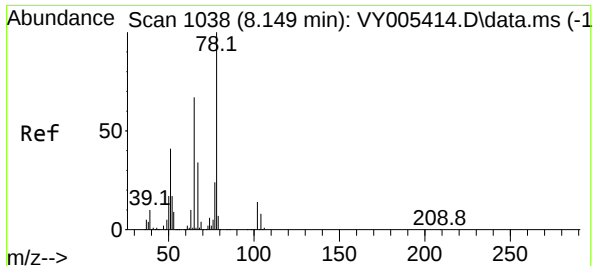
Tgt Ion: 76 Resp: 9065
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#20
Methylene Chloride
Concen: 10.67 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005436.D
Acq: 23 Jul 2021 23:14

Tgt Ion: 84 Resp: 33598
Ion Ratio Lower Upper
84 100
49 125.6 98.9 148.3
51 40.1 30.0 45.0
86 64.9 50.4 75.6

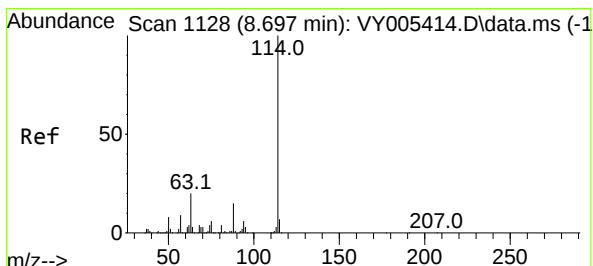
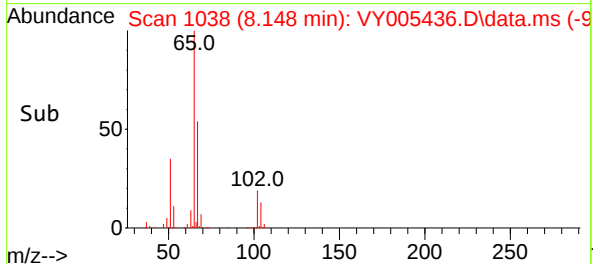
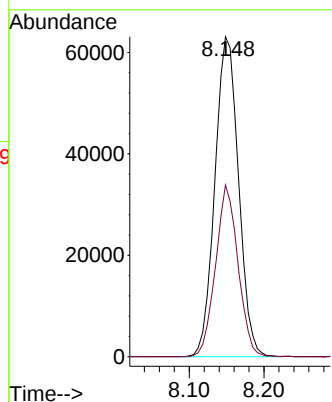
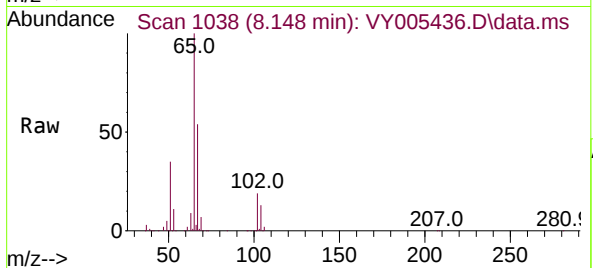




#33
1,2-Dichloroethane-d4
Concen: 63.18 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005436.D
Acq: 23 Jul 2021 23:14

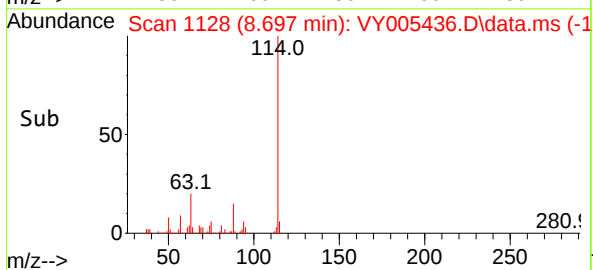
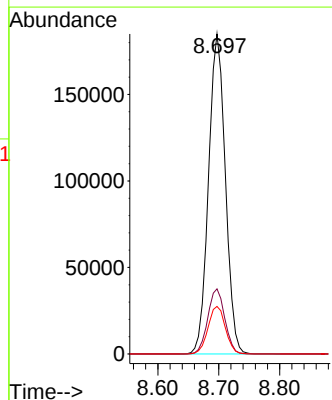
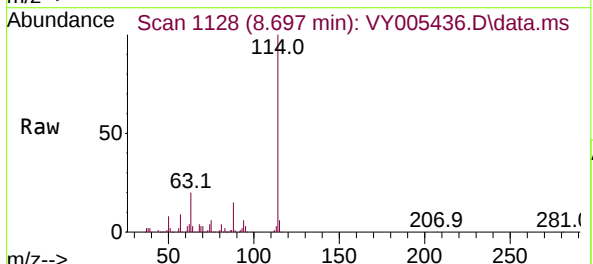
Instrument :
MSVOA_Y
ClientSampleId :
20210467-53

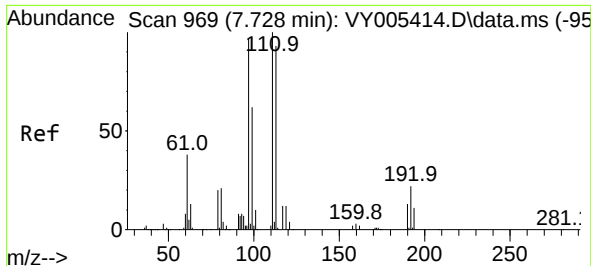
Tgt Ion: 65 Resp: 138712
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005436.D
Acq: 23 Jul 2021 23:14

Tgt Ion:114 Resp: 354868
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.0
88 14.9 0.0 30.8

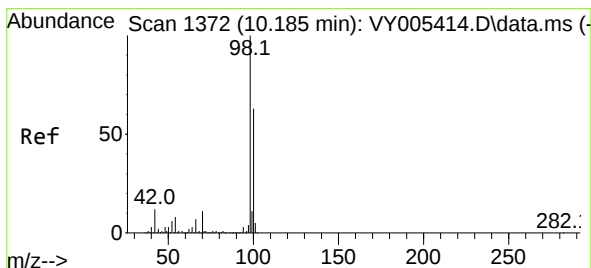
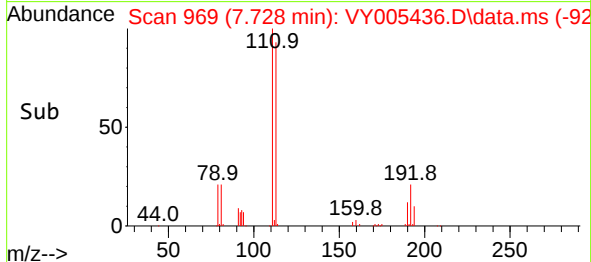
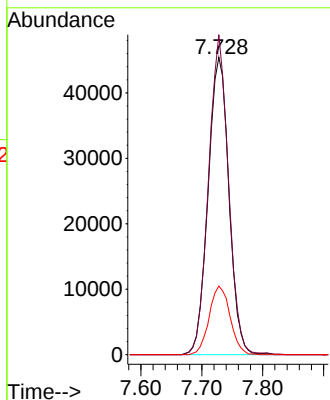
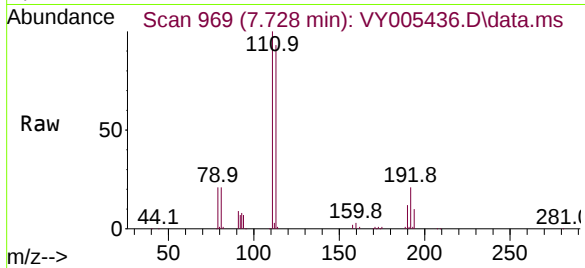




#35
Dibromofluoromethane
Concen: 52.76 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005436.D
Acq: 23 Jul 2021 23:14

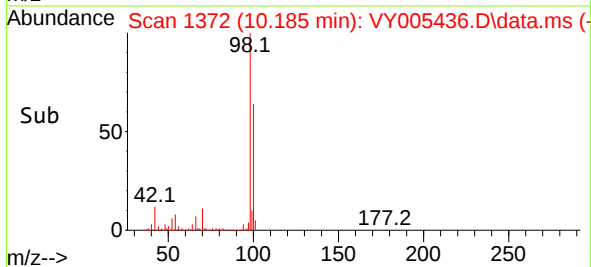
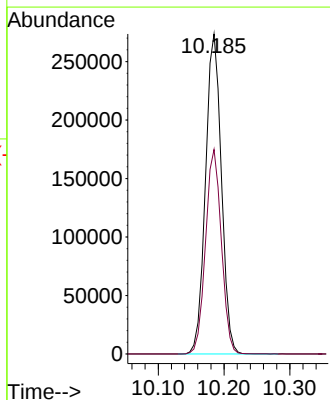
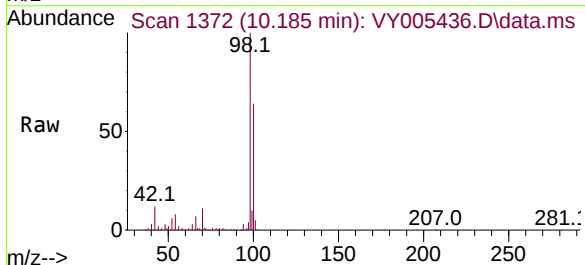
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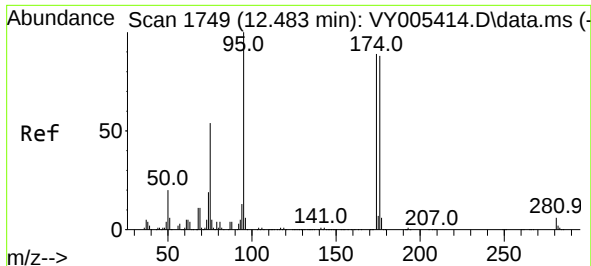
Tgt Ion:113 Resp: 108098
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 23.1 18.9 28.3



#50
Toluene-d8
Concen: 52.81 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005436.D
Acq: 23 Jul 2021 23:14

Tgt Ion: 98 Resp: 458617
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3

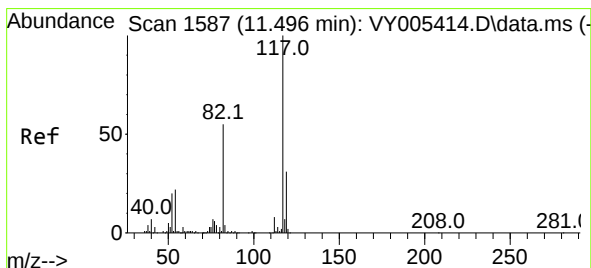
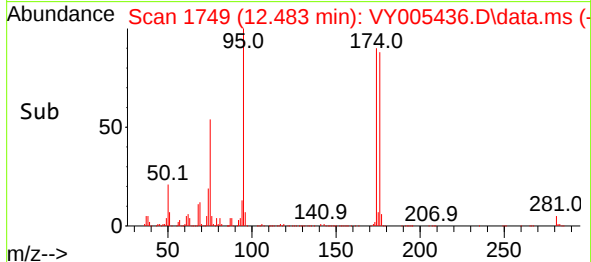
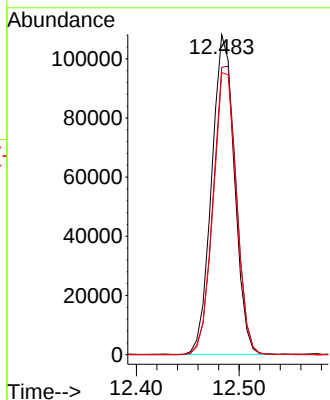
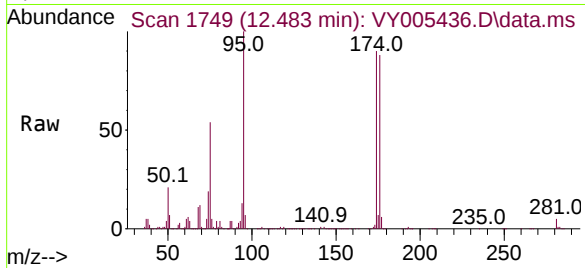




#62
4-Bromofluorobenzene
Concen: 58.21 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005436.D
Acq: 23 Jul 2021 23:14

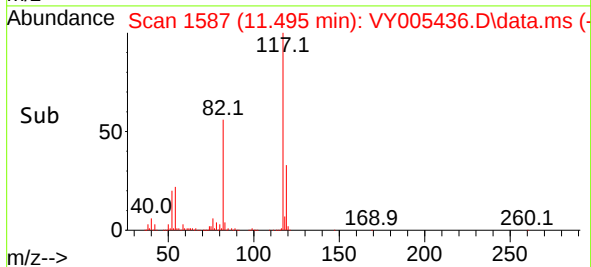
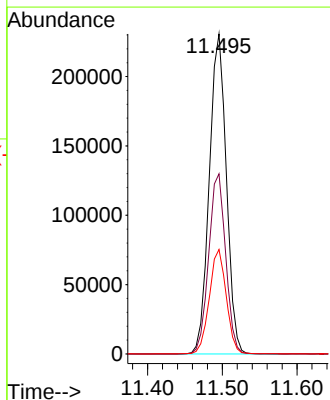
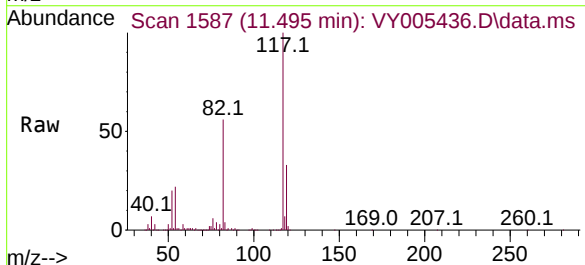
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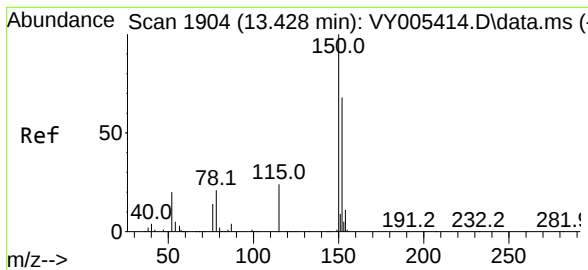
Tgt Ion:	95	Resp:	166850
Ion Ratio	Lower	Upper	
95	100		
174	92.4	0.0	186.6
176	90.0	0.0	182.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005436.D
Acq: 23 Jul 2021 23:14

Tgt Ion:	117	Resp:	365905
Ion Ratio	Lower	Upper	
117	100		
82	56.3	43.8	65.6
119	32.6	24.8	37.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005436.D
 Acq: 23 Jul 2021 23:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210467-53

Tgt Ion:152 Resp: 188196
 Ion Ratio Lower Upper
 152 100
 115 55.9 27.7 83.1
 150 157.3 0.0 349.6

