

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040921\
 Data File : VY004367.D
 Acq On : 09 Apr 2021 18:52
 Operator : SY/MD
 Sample : M1967-10
 Misc : 3.96G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB1-B

Quant Time: Apr 10 02:06:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

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

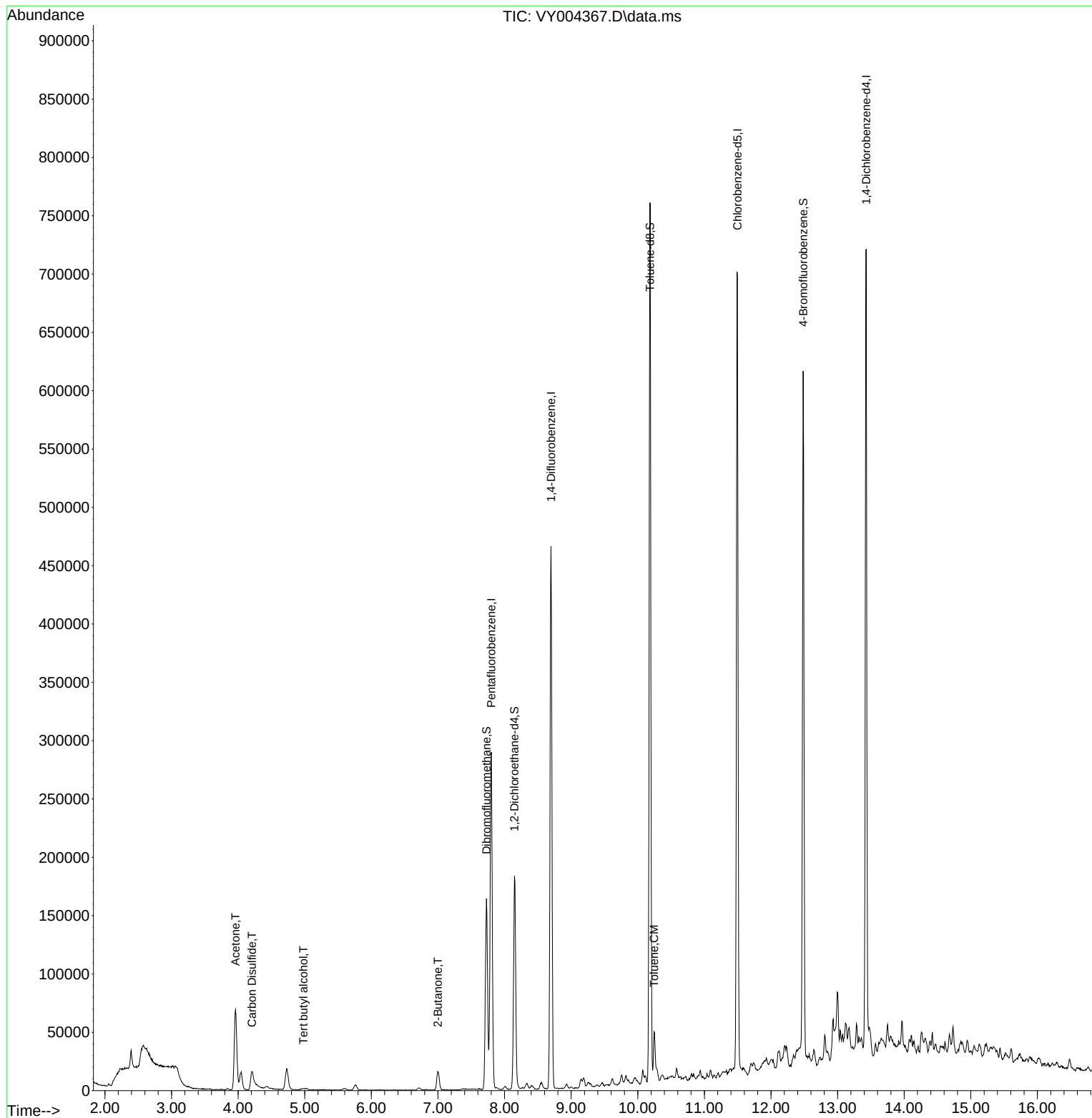
Internal Standards						
1) Pentafluorobenzene	7.801	168	221754	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	384242	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	362069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	166323	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	141861	66.55	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.10%	
35) Dibromofluoromethane	7.728	113	112257	52.43	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.86%	
50) Toluene-d8	10.185	98	477388	59.28	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 118.56%	
62) 4-Bromofluorobenzene	12.483	95	166889	60.47	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 120.94%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.979	59	2062	11.89	ug/l	# 84
16) Acetone	3.960	43	122339	275.46	ug/l	100
17) Carbon Disulfide	4.204	76	30009	5.69	ug/l	99
25) 2-Butanone	6.997	43	28048	37.80	ug/l	92
52) Toluene	10.246	92	16954	2.65	ug/l	95

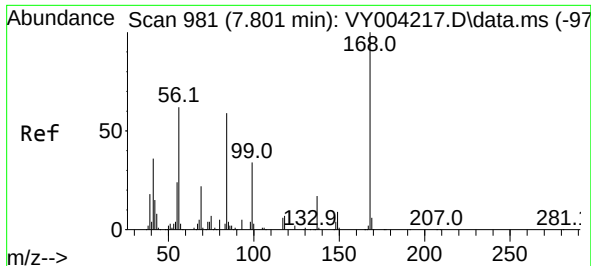
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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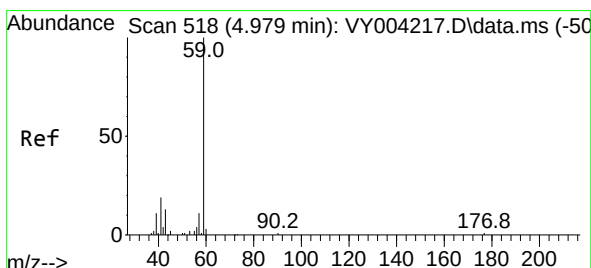
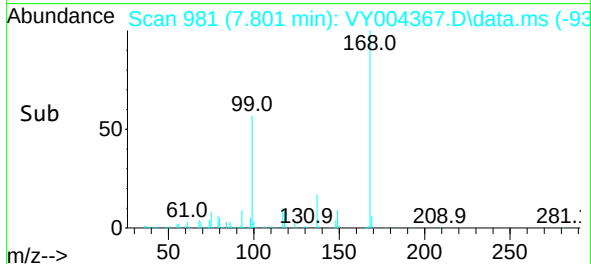
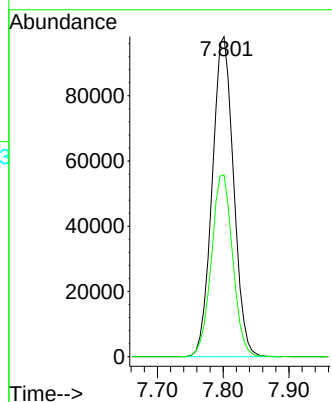
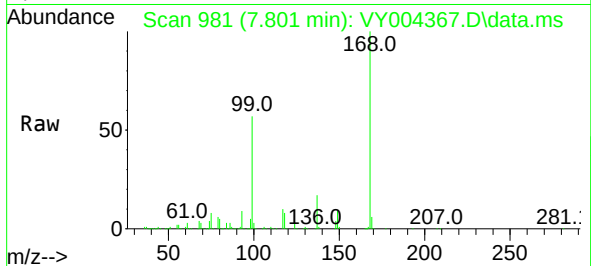




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004367.D
Acq: 09 Apr 2021 18:52

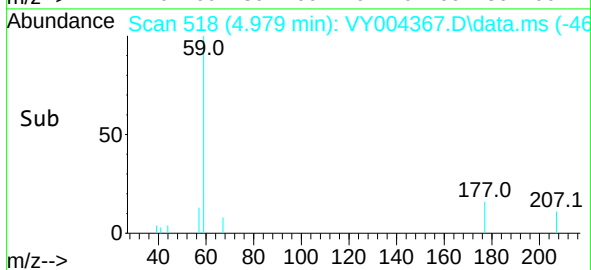
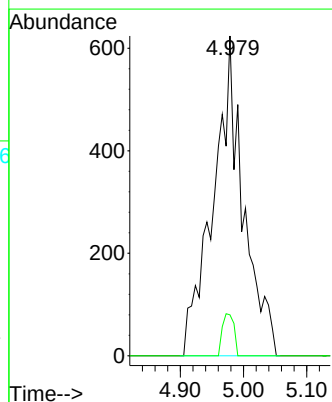
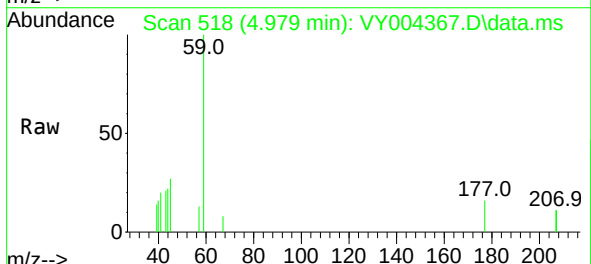
Instrument :
MSVOA_Y
ClientSampleId :
SB1-B

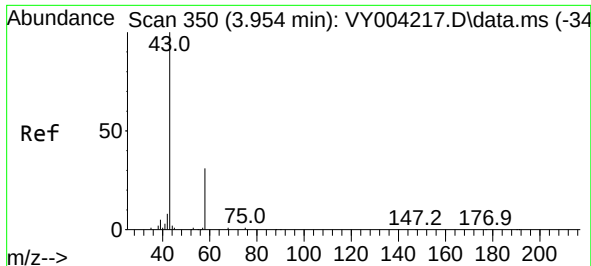
Tgt Ion:168 Resp: 221754
Ion Ratio Lower Upper
168 100
99 56.8 42.6 64.0



#11
Tert butyl alcohol
Concen: 11.89 ug/l
RT: 4.979 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY004367.D
Acq: 09 Apr 2021 18:52

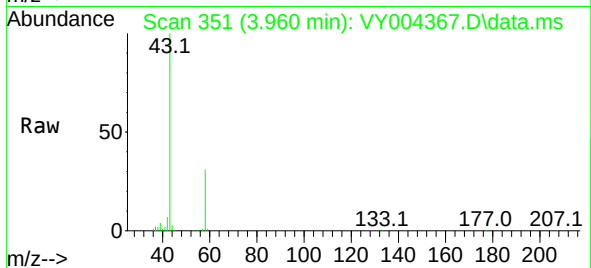
Tgt Ion: 59 Resp: 2062
Ion Ratio Lower Upper
59 100
57 5.0 8.9 13.3#



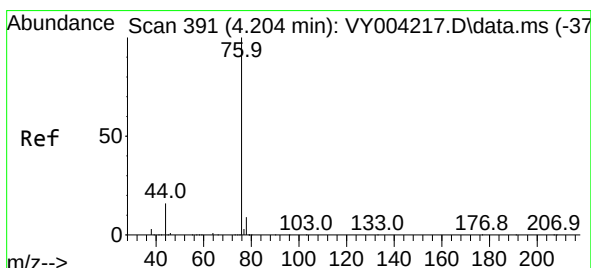
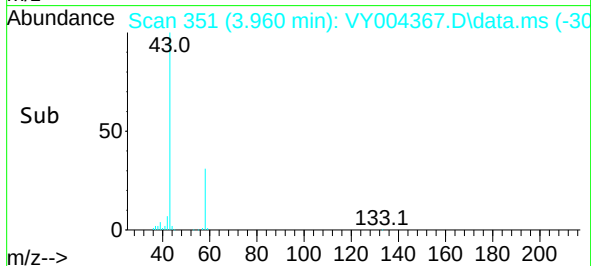
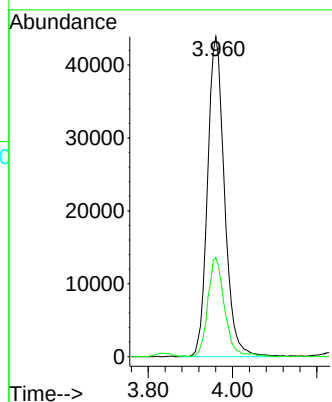


#16
Acetone
Concen: 275.46 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004367.D
Acq: 09 Apr 2021 18:52

Instrument :
MSVOA_Y
ClientSampled :
SB1-B

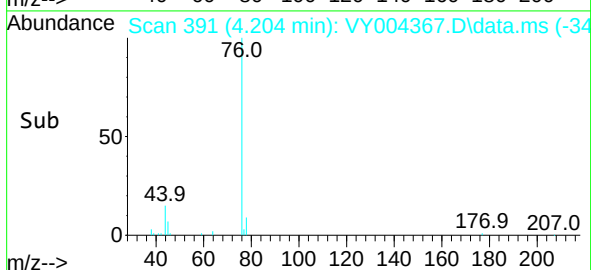
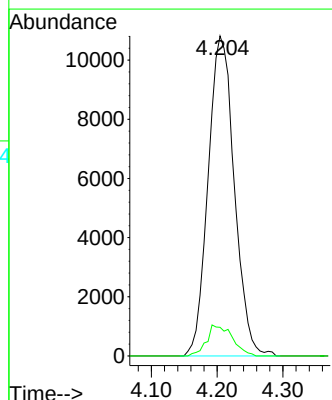
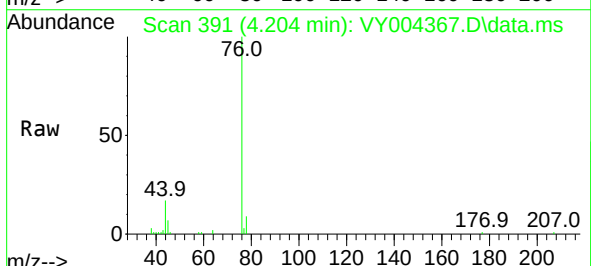


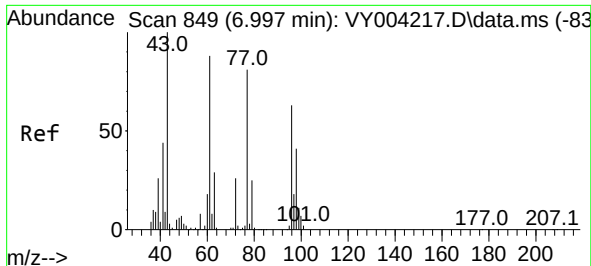
Tgt Ion: 43 Resp: 122339
Ion Ratio Lower Upper
43 100
58 30.8 24.5 36.7



#17
Carbon Disulfide
Concen: 5.69 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY004367.D
Acq: 09 Apr 2021 18:52

Tgt Ion: 76 Resp: 30009
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2

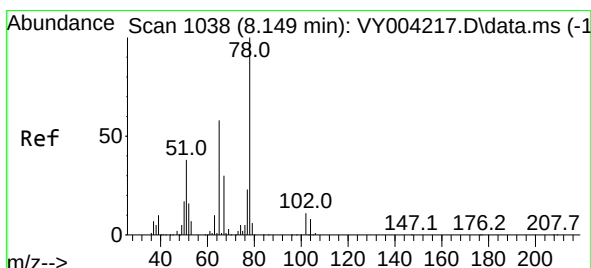
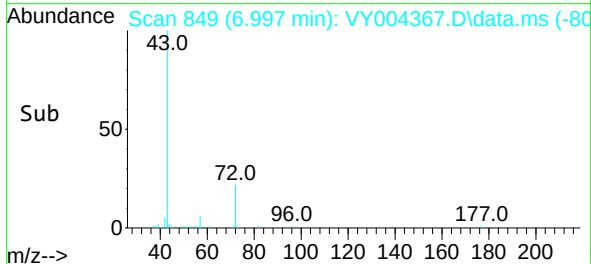
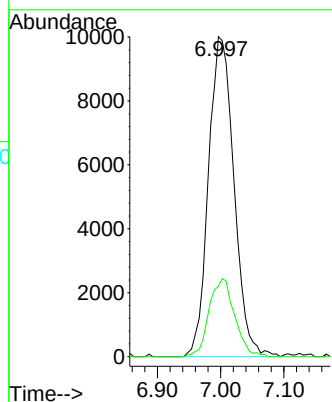
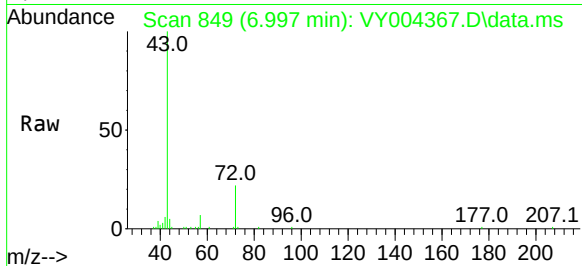




#25
2-Butanone
Concen: 37.80 ug/l
RT: 6.997 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY004367.D
Acq: 09 Apr 2021 18:52

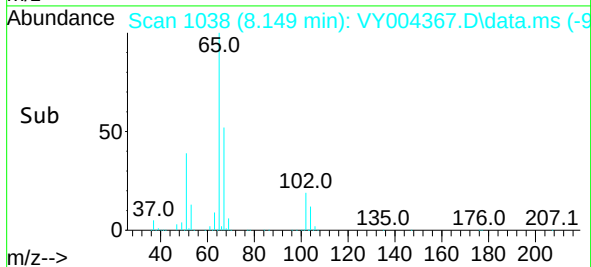
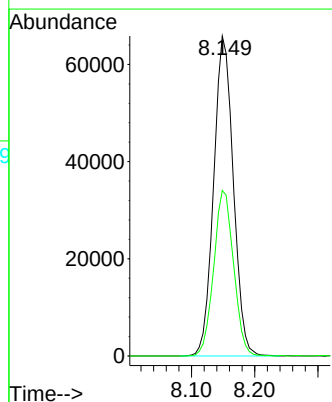
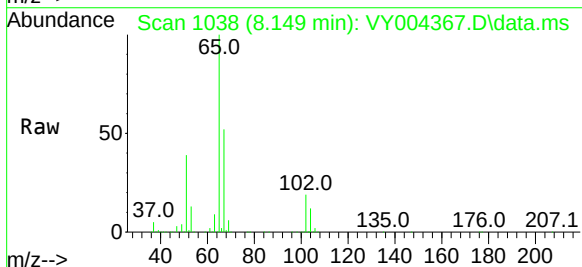
Instrument :
MSVOA_Y
ClientSampled :
SB1-B

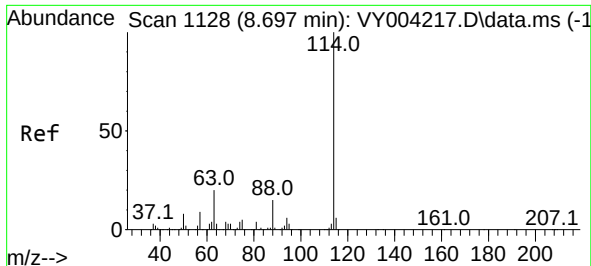
Tgt Ion: 43 Resp: 28048
Ion Ratio Lower Upper
43 100
72 22.0 21.0 31.6



#33
1,2-Dichloroethane-d4
Concen: 66.55 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004367.D
Acq: 09 Apr 2021 18:52

Tgt Ion: 65 Resp: 141861
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.2

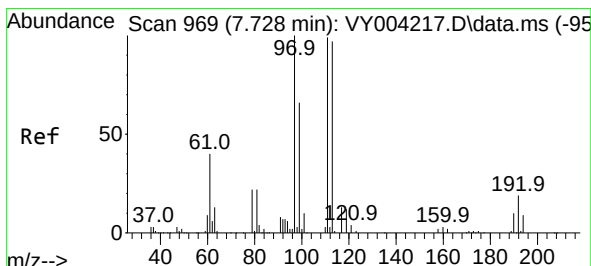
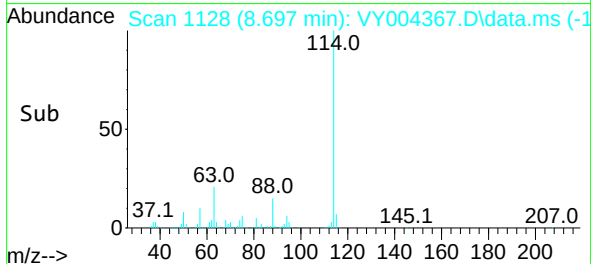
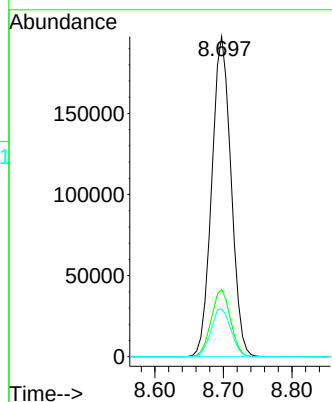
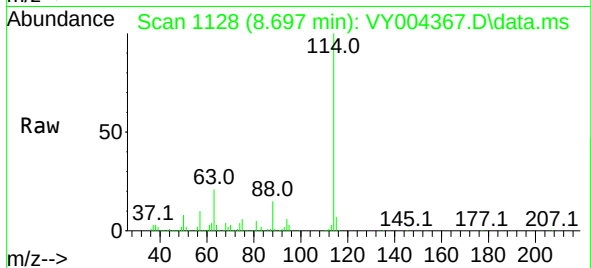




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004367.D
Acq: 09 Apr 2021 18:52

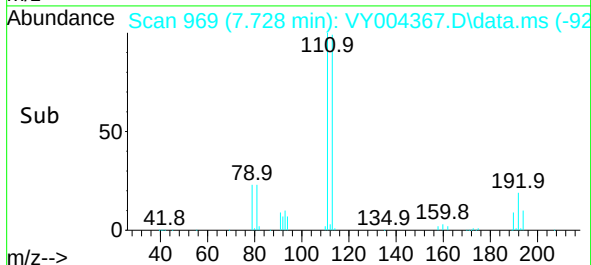
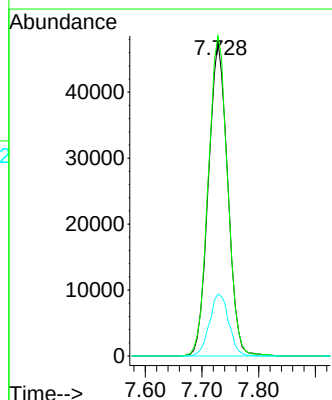
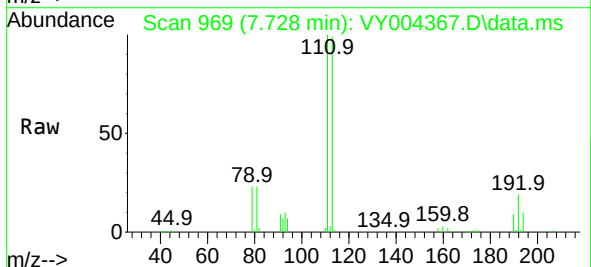
Instrument :
MSVOA_Y
ClientSampleId :
SB1-B

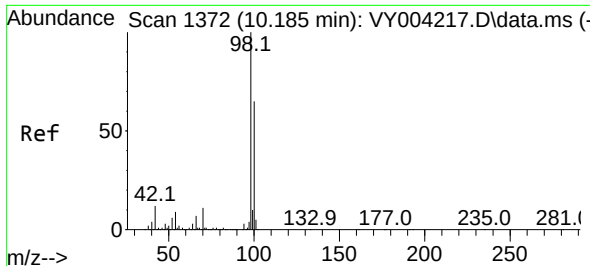
Tgt Ion:114 Resp: 384242
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.4
88 15.0 0.0 30.8



#35
Dibromofluoromethane
Concen: 52.43 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004367.D
Acq: 09 Apr 2021 18:52

Tgt Ion:113 Resp: 112257
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 19.7 16.4 24.6

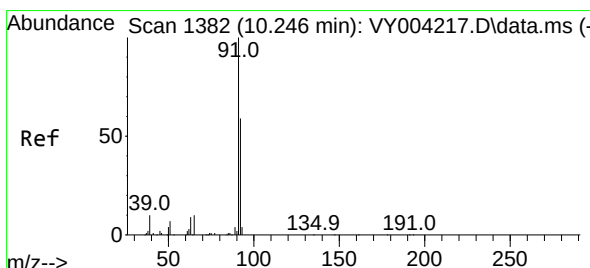
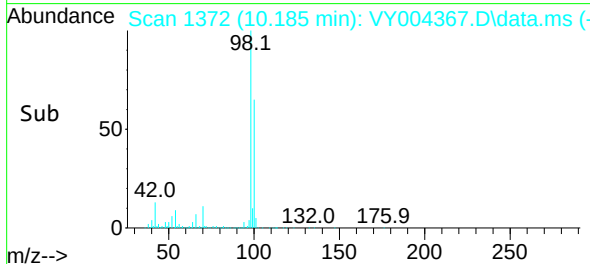
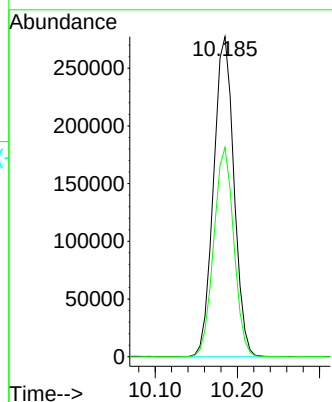
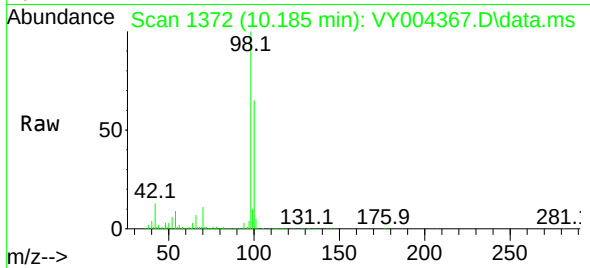




#50
Toluene-d8
Concen: 59.28 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004367.D
Acq: 09 Apr 2021 18:52

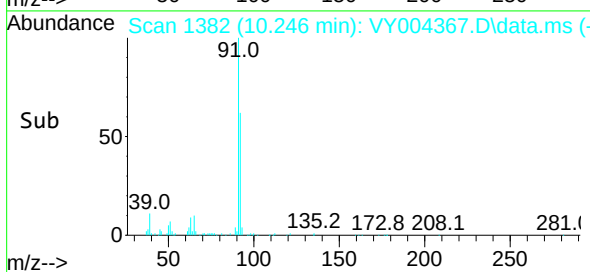
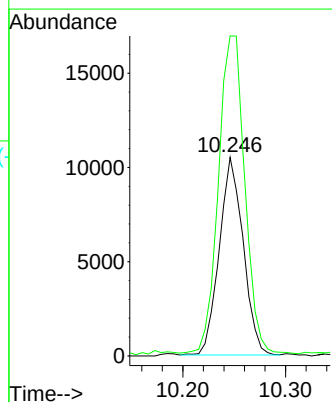
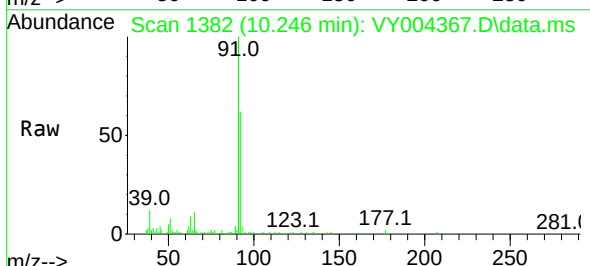
Instrument :
MSVOA_Y
ClientSampleId :
SB1-B

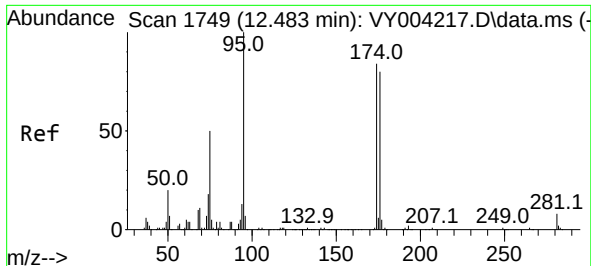
Tgt Ion: 98 Resp: 477388
Ion Ratio Lower Upper
98 100
100 64.4 52.5 78.7



#52
Toluene
Concen: 2.65 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY004367.D
Acq: 09 Apr 2021 18:52

Tgt Ion: 92 Resp: 16954
Ion Ratio Lower Upper
92 100
91 176.9 136.0 204.0

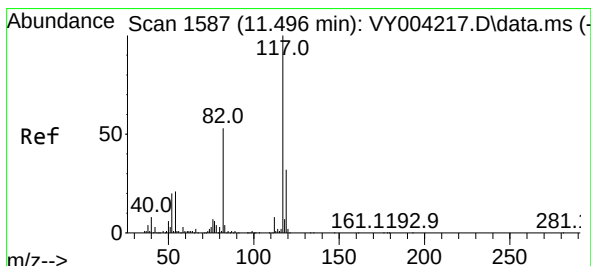
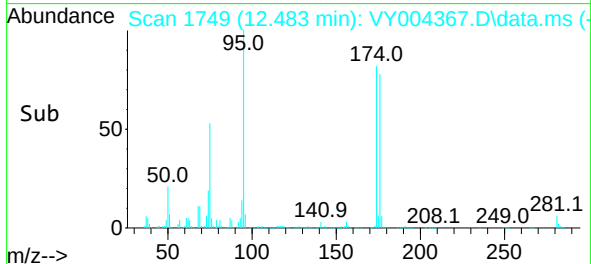
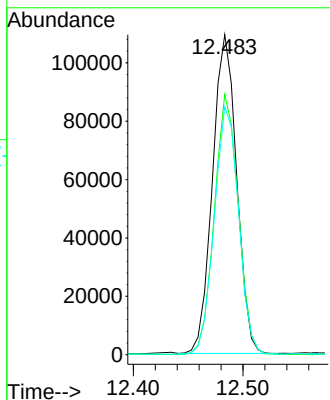
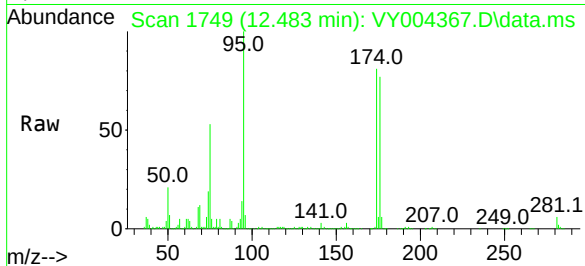




#62
4-Bromofluorobenzene
Concen: 60.47 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004367.D
Acq: 09 Apr 2021 18:52

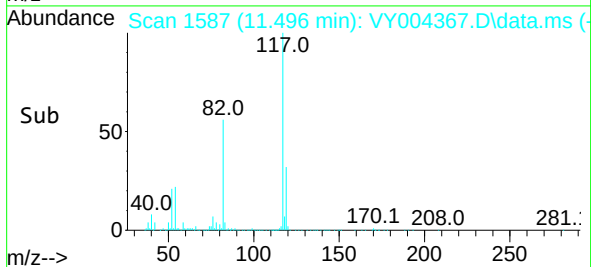
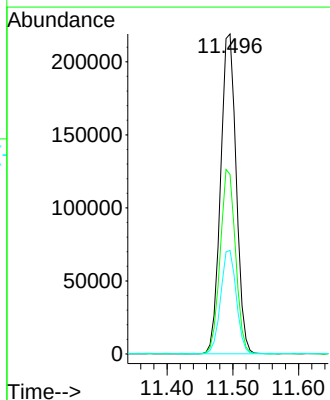
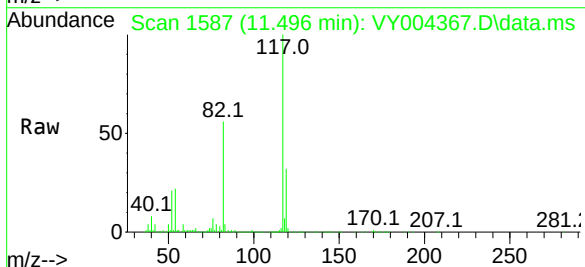
Instrument :
MSVOA_Y
ClientSampleId :
SB1-B

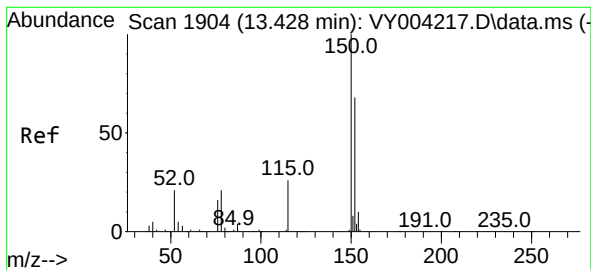
Tgt Ion: 95 Resp: 166889
Ion Ratio Lower Upper
95 100
174 81.4 0.0 171.4
176 78.1 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004367.D
Acq: 09 Apr 2021 18:52

Tgt Ion: 117 Resp: 362069
Ion Ratio Lower Upper
117 100
82 56.0 42.7 64.1
119 32.3 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004367.D
 Acq: 09 Apr 2021 18:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB1-B

Tgt Ion:152 Resp: 166323

Ion	Ratio	Lower	Upper
152	100		
115	58.5	29.0	87.1
150	157.9	0.0	347.4

