

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040921\
 Data File : VY004372.D
 Acq On : 09 Apr 2021 20:48
 Operator : SY/MD
 Sample : M1998-02
 Misc : 3.51G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3B

Quant Time: Apr 10 02:07:25 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)

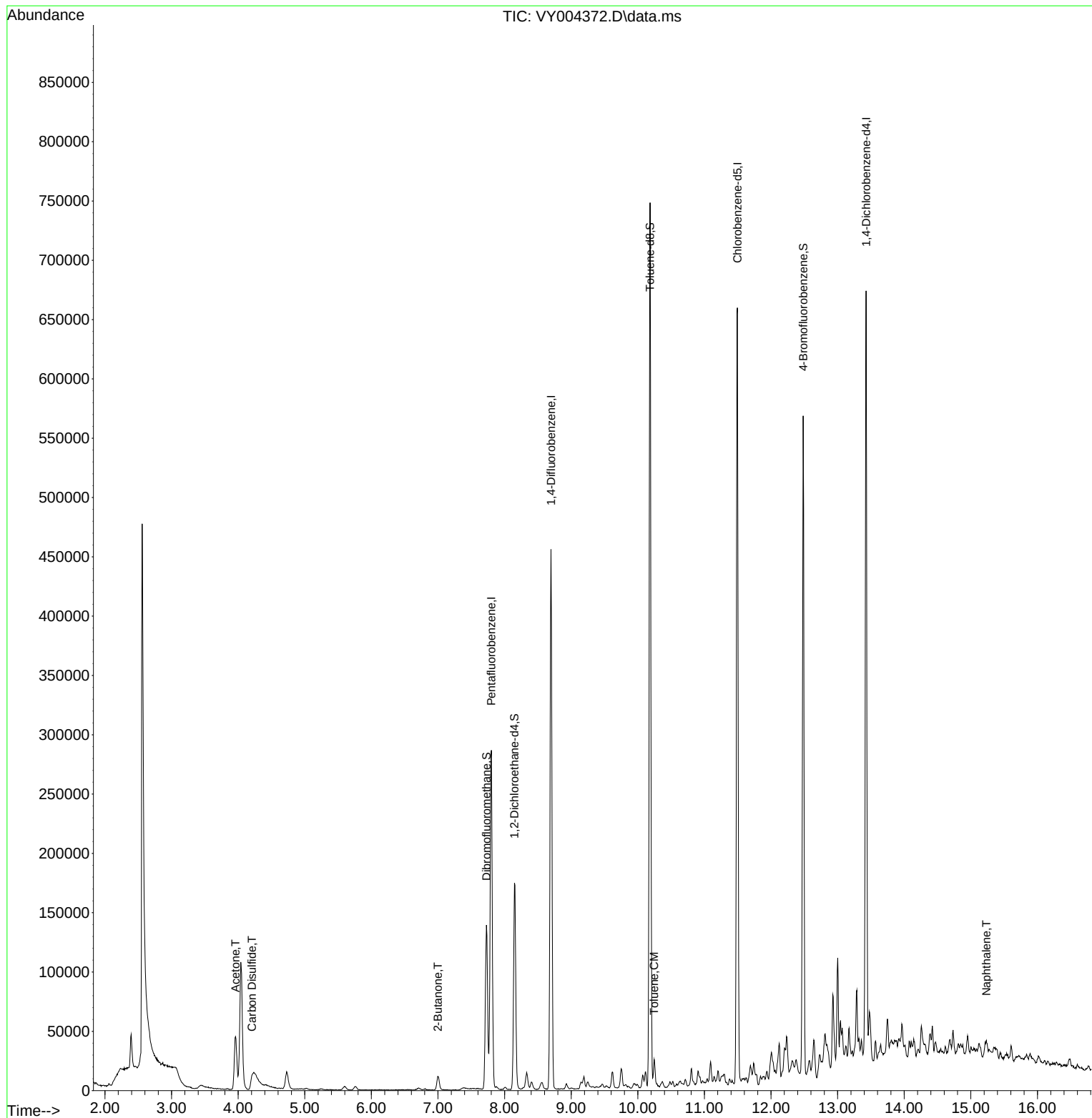
Internal Standards						
1) Pentafluorobenzene	7.801	168	214864	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	371689	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	347209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	158250	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	135034	65.38	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.76%	
35) Dibromofluoromethane	7.728	113	97133	46.90	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.80%	
50) Toluene-d8	10.185	98	459241	58.96	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 117.92%	
62) 4-Bromofluorobenzene	12.483	95	158095	59.22	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 118.44%	
Target Compounds						
						Qvalue
16) Acetone	3.960	43	81536	189.47	ug/l	96
17) Carbon Disulfide	4.204	76	17763	3.48	ug/l	96
25) 2-Butanone	6.996	43	20303	28.24	ug/l	95
52) Toluene	10.246	92	9241	1.49	ug/l	99
95) Naphthalene	15.233	128	8054	1.18	ug/l #	92

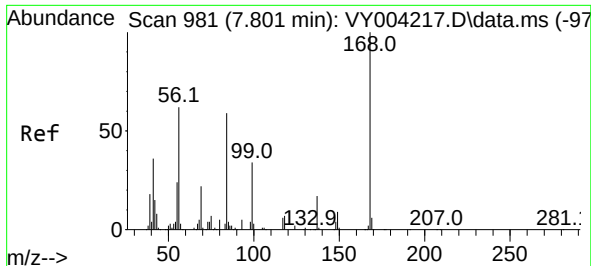
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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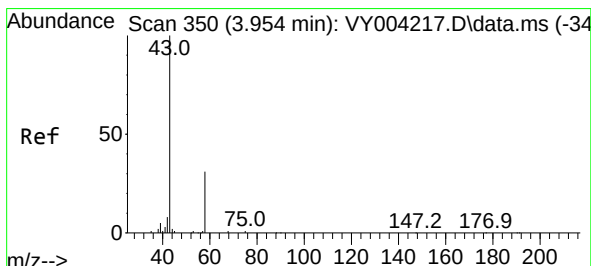
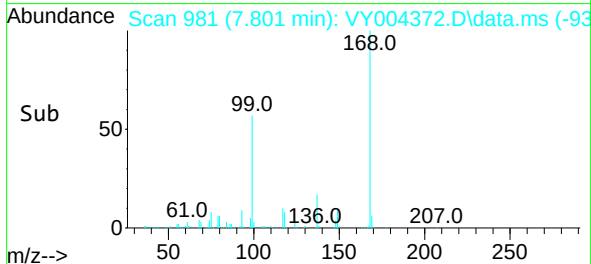
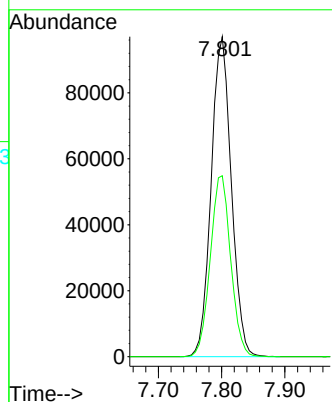
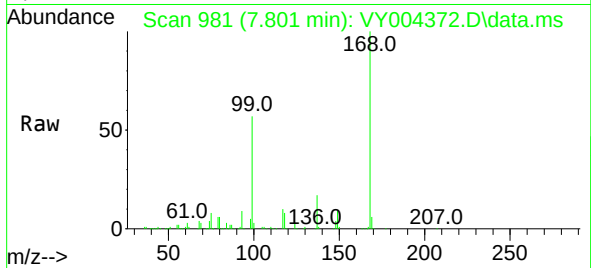




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004372.D
Acq: 09 Apr 2021 20:48

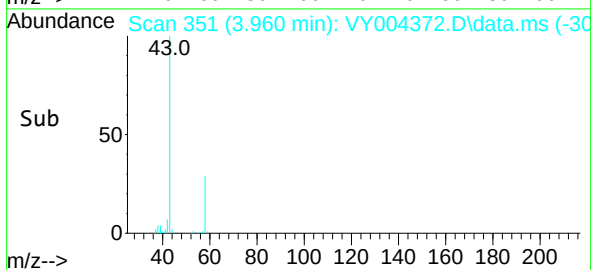
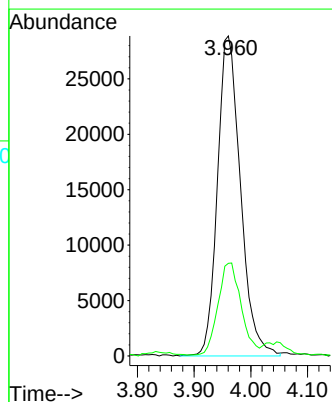
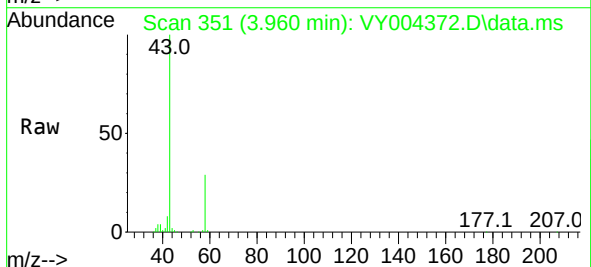
Instrument :
MSVOA_Y
ClientSampleId :
SB-3B

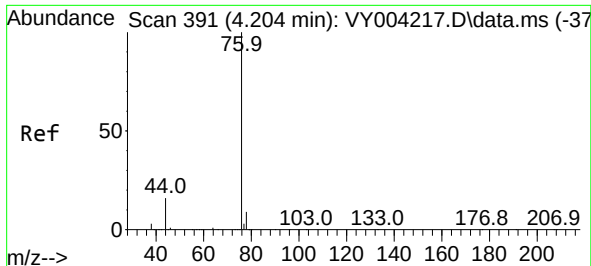
Tgt Ion:168 Resp: 214864
Ion Ratio Lower Upper
168 100
99 56.5 42.6 64.0



#16
Acetone
Concen: 189.47 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004372.D
Acq: 09 Apr 2021 20:48

Tgt Ion: 43 Resp: 81536
Ion Ratio Lower Upper
43 100
58 28.4 24.5 36.7

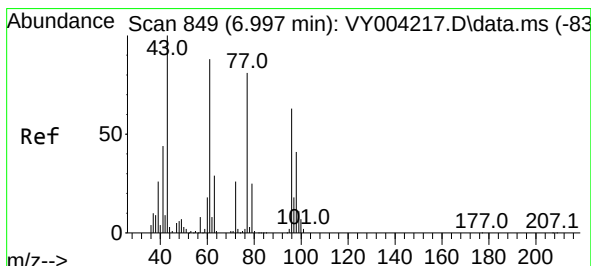
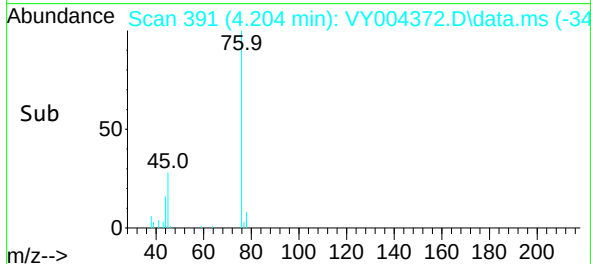
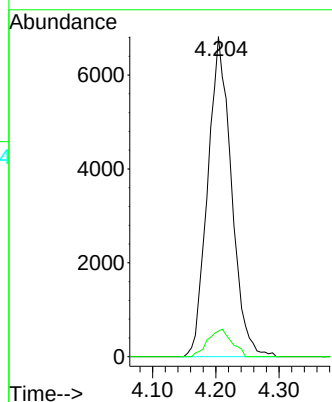
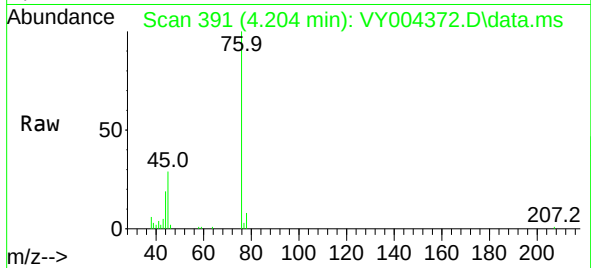




#17
Carbon Disulfide
Concen: 3.48 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY004372.D
Acq: 09 Apr 2021 20:48

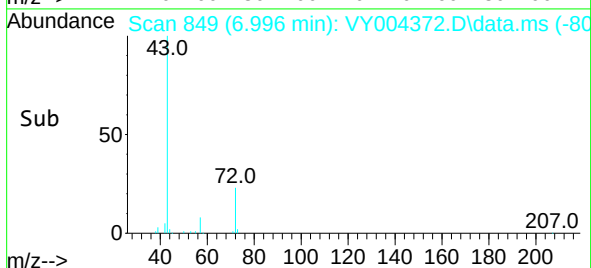
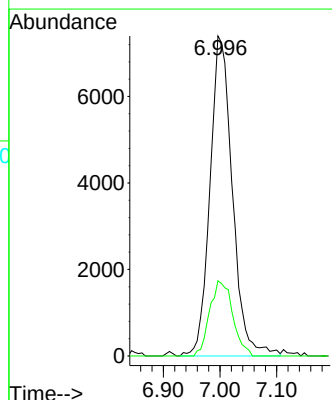
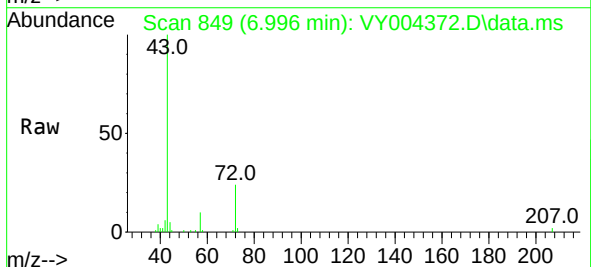
Instrument :
MSVOA_Y
ClientSampleId :
SB-3B

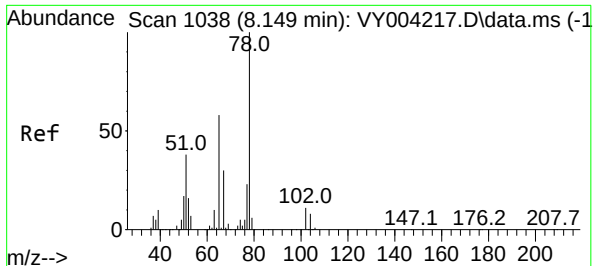
Tgt Ion: 76 Resp: 17763
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.2



#25
2-Butanone
Concen: 28.24 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY004372.D
Acq: 09 Apr 2021 20:48

Tgt Ion: 43 Resp: 20303
Ion Ratio Lower Upper
43 100
72 23.5 21.0 31.6

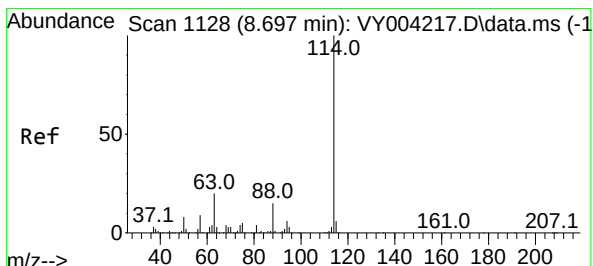
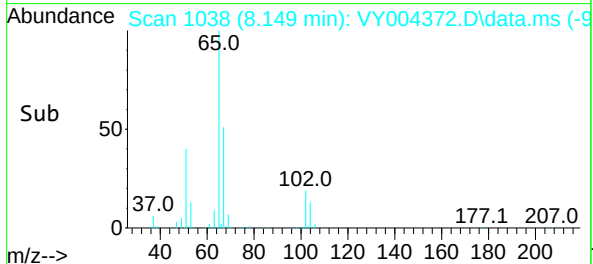
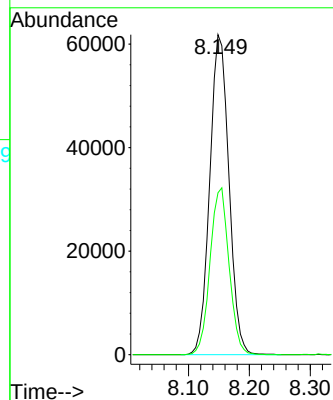
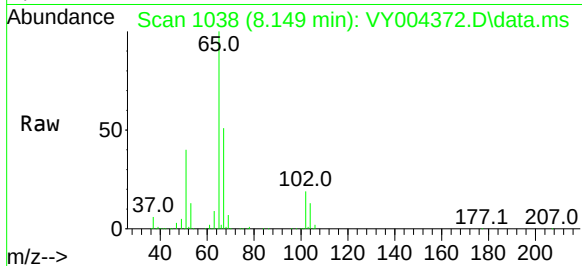




#33
1,2-Dichloroethane-d4
Concen: 65.38 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004372.D
Acq: 09 Apr 2021 20:48

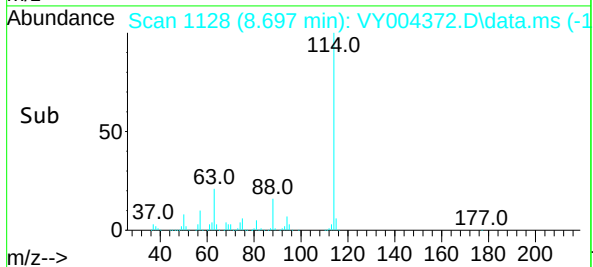
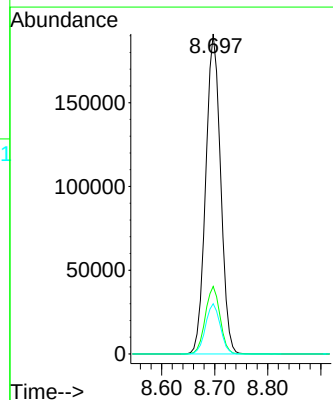
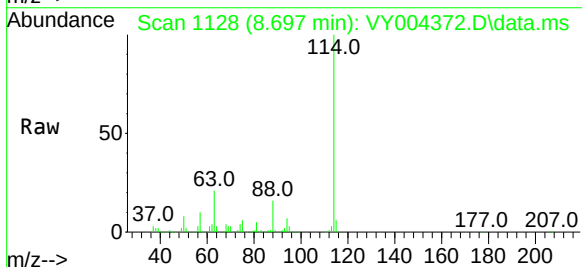
Instrument :
MSVOA_Y
ClientSampleId :
SB-3B

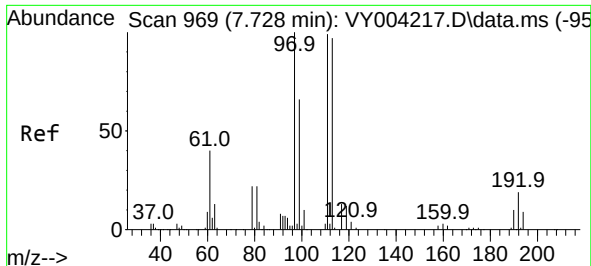
Tgt Ion: 65 Resp: 135034
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004372.D
Acq: 09 Apr 2021 20:48

Tgt Ion: 114 Resp: 371689
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.4
88 15.7 0.0 30.8

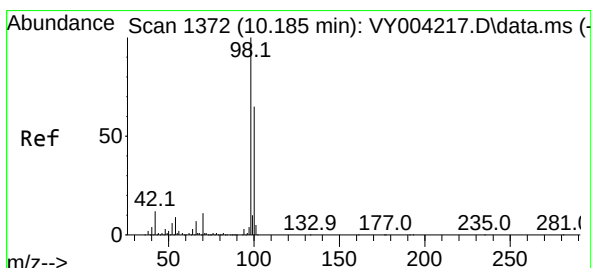
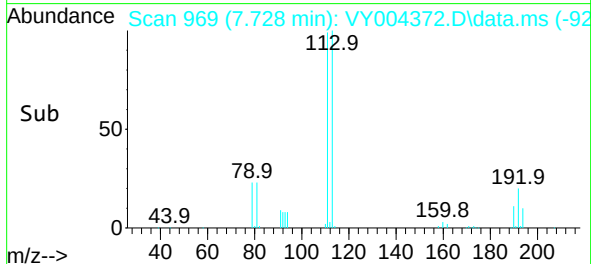
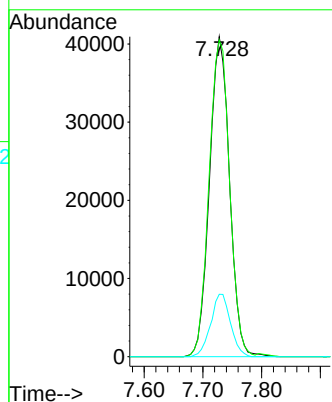
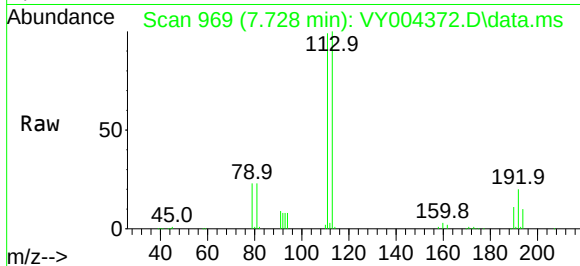




#35
Dibromofluoromethane
Concen: 46.90 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004372.D
Acq: 09 Apr 2021 20:48

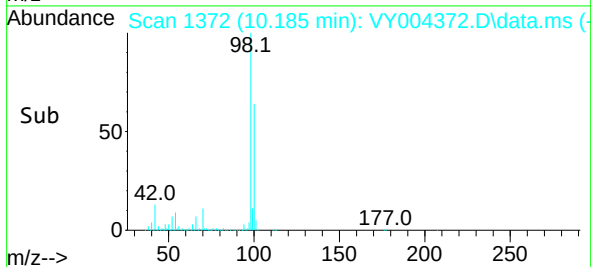
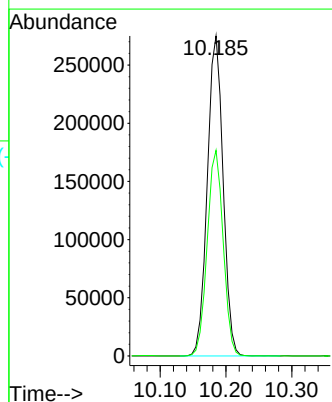
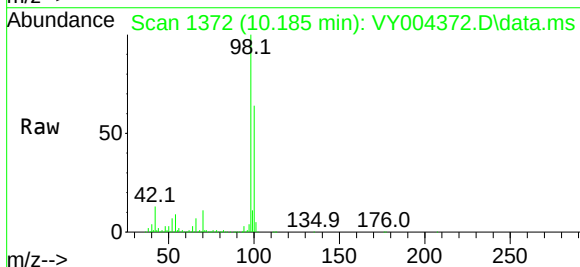
Instrument :
MSVOA_Y
ClientSampleId :
SB-3B

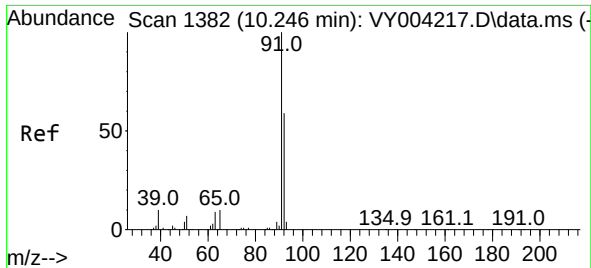
Tgt Ion:	113	Resp:	97133
Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.6	124.0
192	19.3	16.4	24.6



#50
Toluene-d8
Concen: 58.96 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004372.D
Acq: 09 Apr 2021 20:48

Tgt Ion:	98	Resp:	459241
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.5	78.7

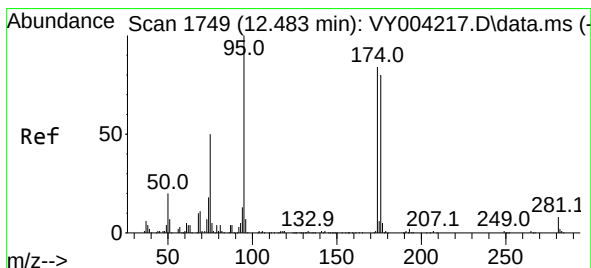
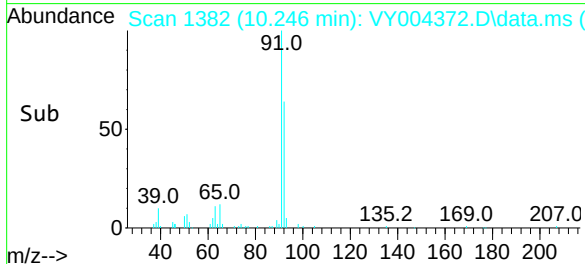
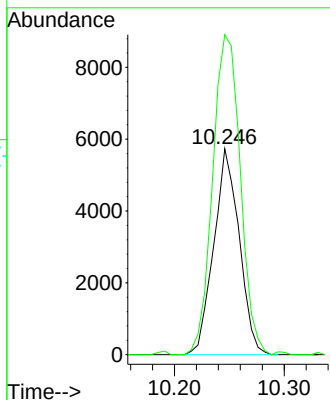
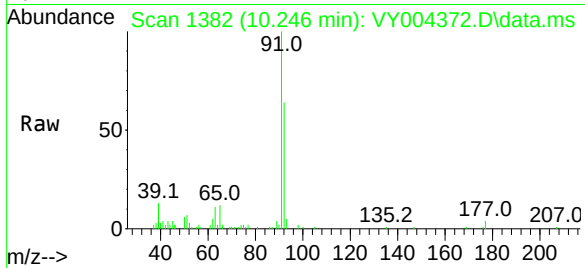




#52
Toluene
Concen: 1.49 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY004372.D
Acq: 09 Apr 2021 20:48

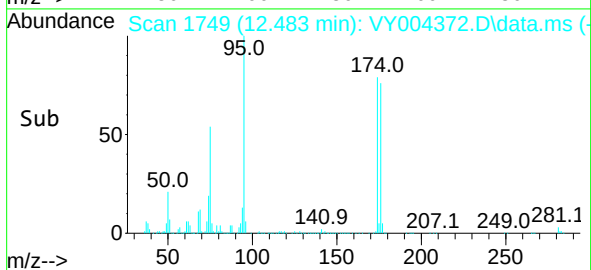
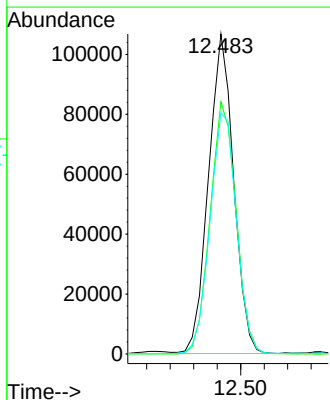
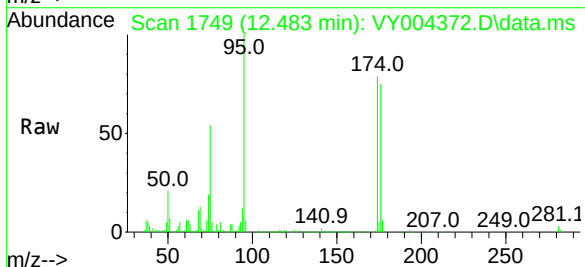
Instrument :
MSVOA_Y
ClientSampled :
SB-3B

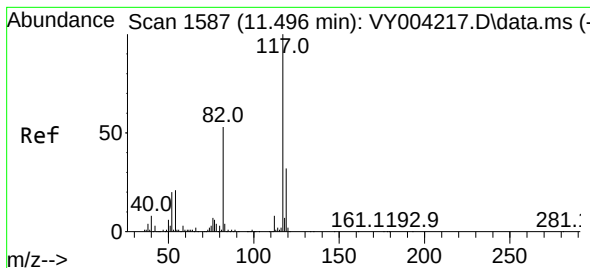
Tgt Ion: 92 Resp: 9241
Ion Ratio Lower Upper
92 100
91 169.1 136.0 204.0



#62
4-Bromofluorobenzene
Concen: 59.22 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004372.D
Acq: 09 Apr 2021 20:48

Tgt Ion: 95 Resp: 158095
Ion Ratio Lower Upper
95 100
174 81.7 0.0 171.4
176 79.8 0.0 165.6

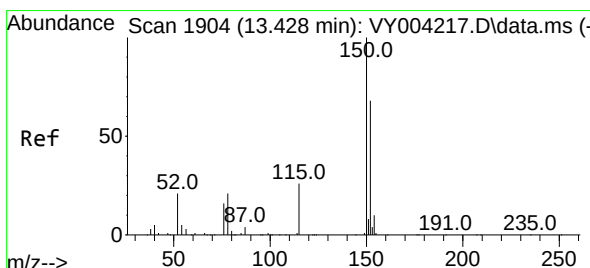
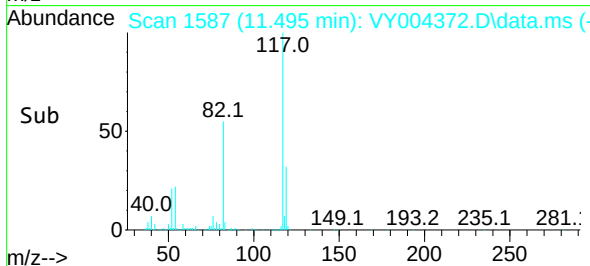
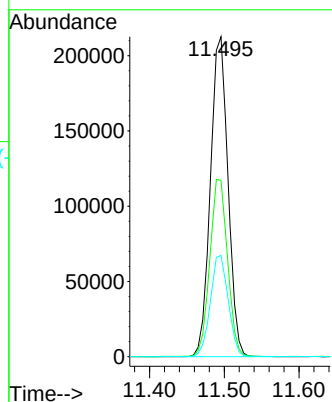
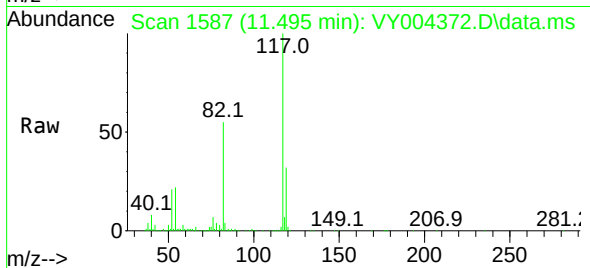




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004372.D
Acq: 09 Apr 2021 20:48

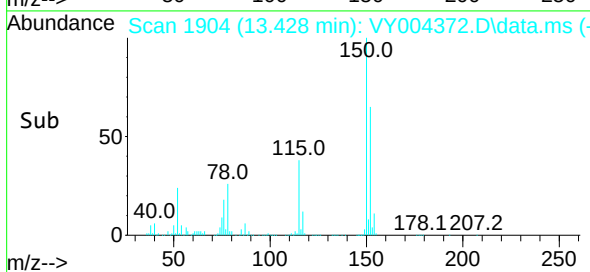
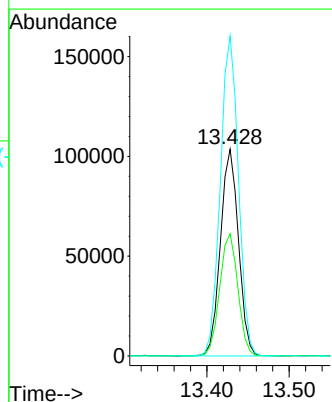
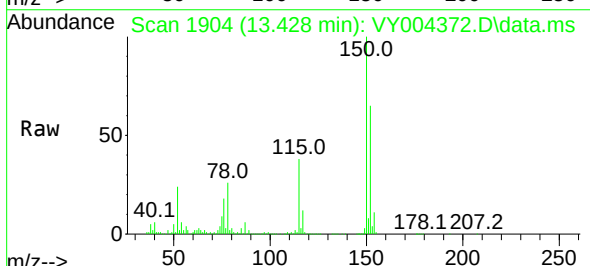
Instrument :
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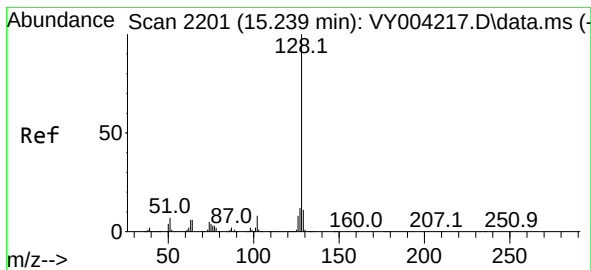
Tgt Ion:117 Resp: 347209
Ion Ratio Lower Upper
117 100
82 55.0 42.7 64.1
119 31.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004372.D
Acq: 09 Apr 2021 20:48

Tgt Ion:152 Resp: 158250
Ion Ratio Lower Upper
152 100
115 59.6 29.0 87.1
150 155.1 0.0 347.4





#95
Naphthalene
Concen: 1.18 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY004372.D
Acq: 09 Apr 2021 20:48

Instrument :
MSVOA_Y
ClientSampleId :
SB-3B

Tgt Ion:128 Resp: 8054
Ion Ratio Lower Upper
128 100
127 15.2 10.1 15.1#
129 15.0 8.9 13.3#

