

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040921\
 Data File : VY004364.D
 Acq On : 09 Apr 2021 17:42
 Operator : SY/MD
 Sample : M1967-07
 Misc : 3.73G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB2-B

Quant Time: Apr 10 02:05:17 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)

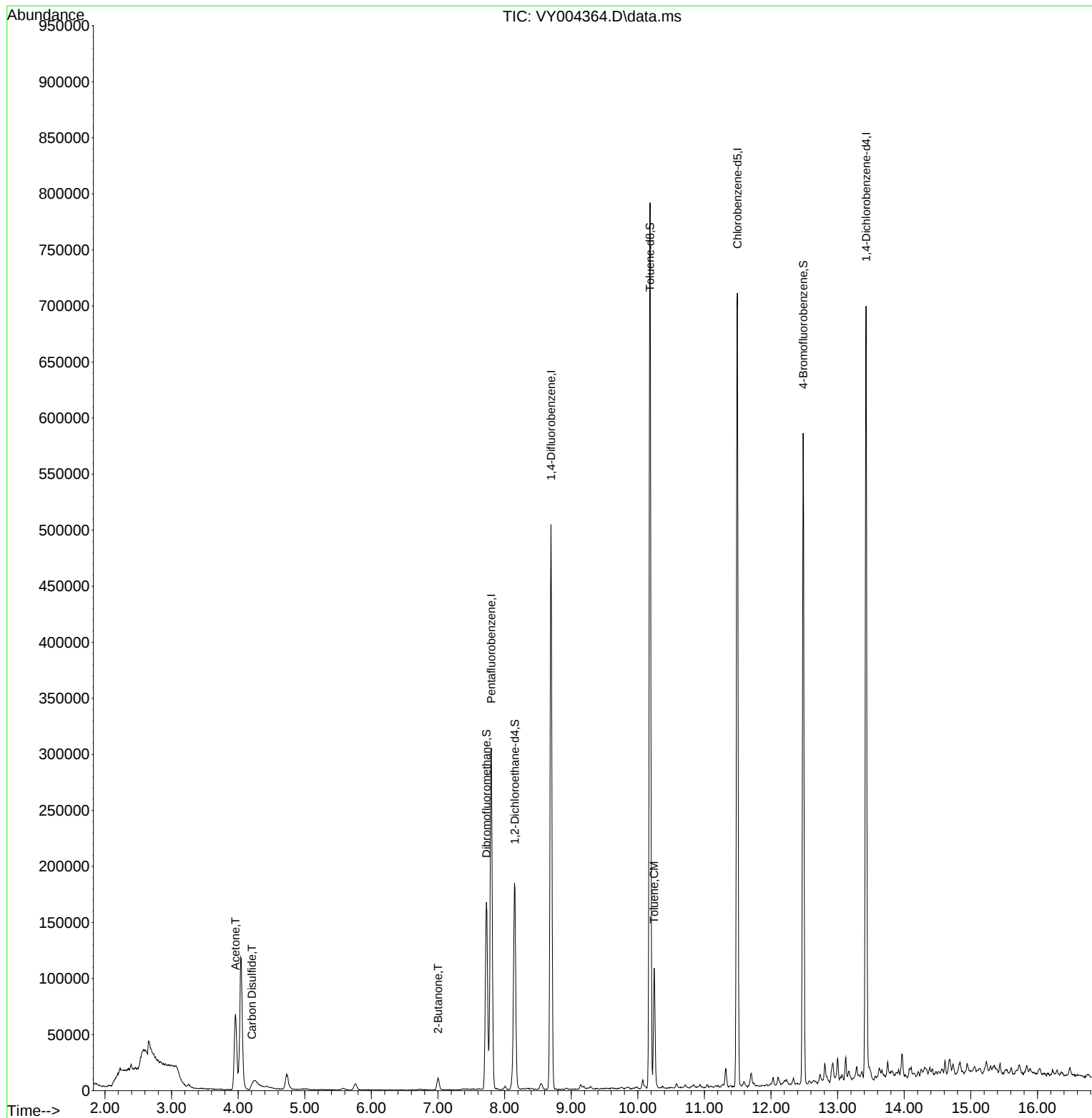
Internal Standards						
1) Pentafluorobenzene	7.801	168	231104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	402439	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	376197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	169241	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	140521	63.25	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.50%	
35) Dibromofluoromethane	7.728	113	117463	52.38	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.76%	
50) Toluene-d8	10.185	98	499511	59.23	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 118.46%	
62) 4-Bromofluorobenzene	12.483	95	169725	58.72	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.44%	
Target Compounds						
						Qvalue
16) Acetone	3.960	43	120949	261.31	ug/l	98
17) Carbon Disulfide	4.204	76	5921	1.08	ug/l	96
25) 2-Butanone	7.002	43	16992	21.98	ug/l	100
52) Toluene	10.246	92	42506	6.35	ug/l	98

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

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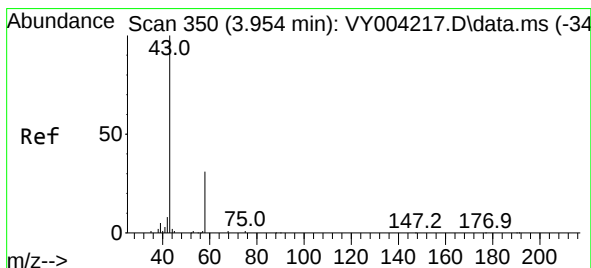
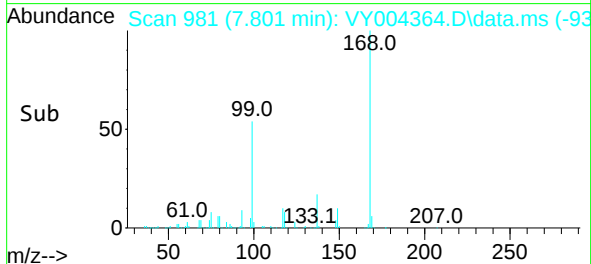
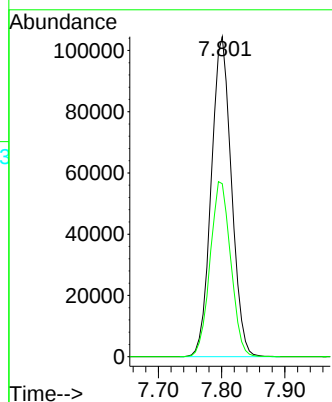
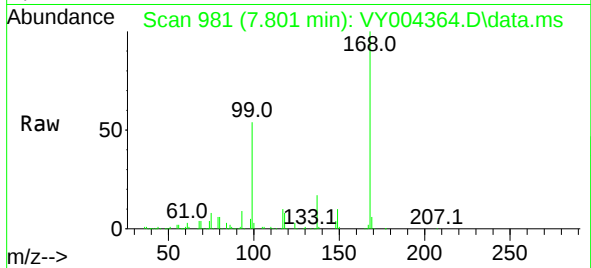




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004364.D
Acq: 09 Apr 2021 17:42

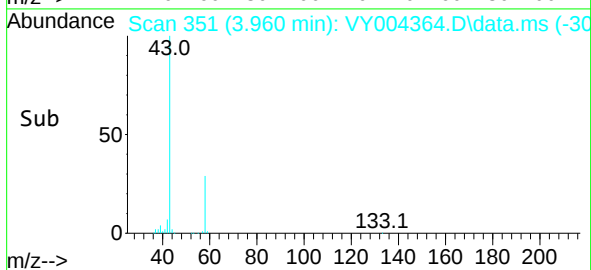
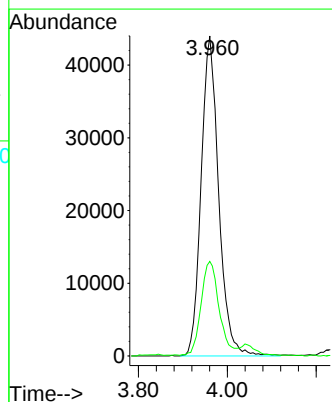
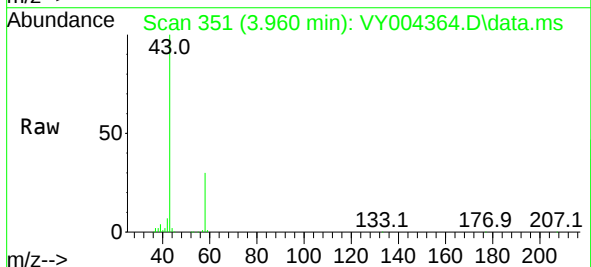
Instrument :
MSVOA_Y
ClientSampleId :
SB2-B

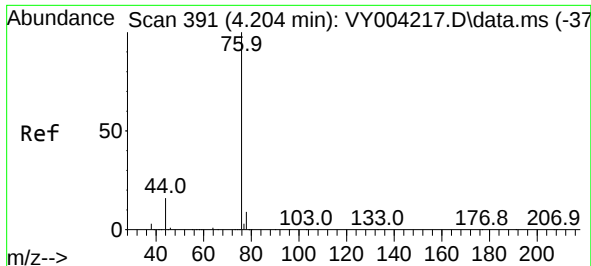
Tgt Ion:168 Resp: 231104
Ion Ratio Lower Upper
168 100
99 54.1 42.6 64.0



#16
Acetone
Concen: 261.31 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004364.D
Acq: 09 Apr 2021 17:42

Tgt Ion: 43 Resp: 120949
Ion Ratio Lower Upper
43 100
58 29.3 24.5 36.7

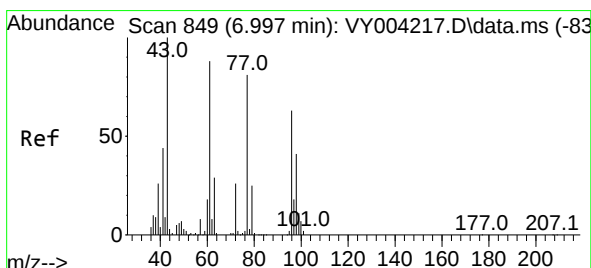
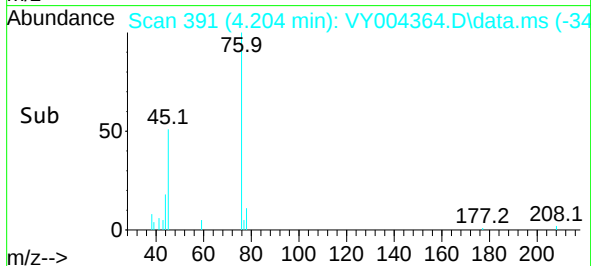
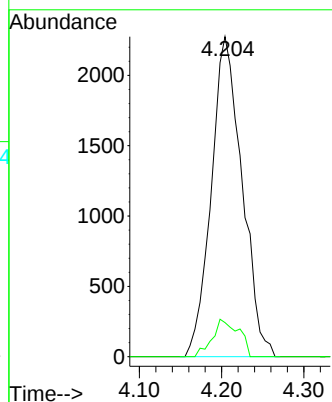
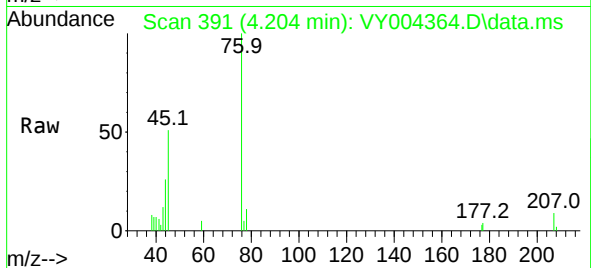




#17
Carbon Disulfide
Concen: 1.08 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY004364.D
Acq: 09 Apr 2021 17:42

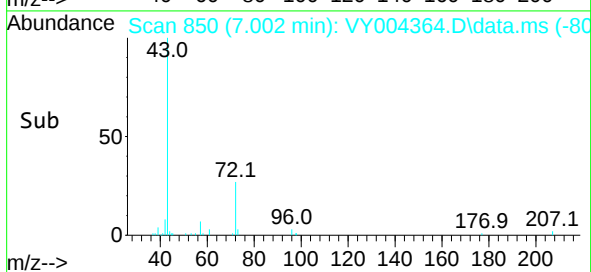
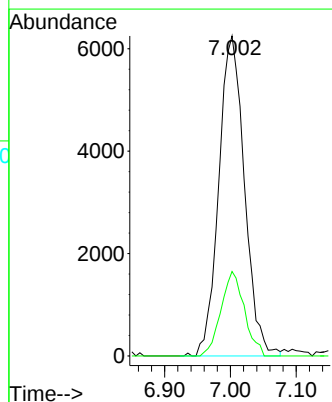
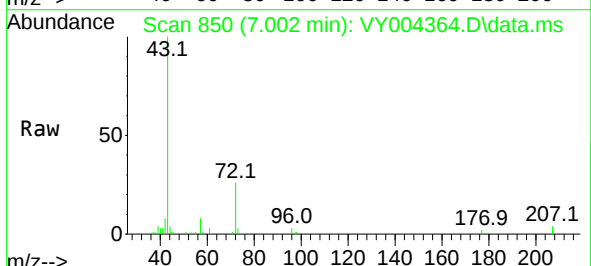
Instrument :
MSVOA_Y
ClientSampled :
SB2-B

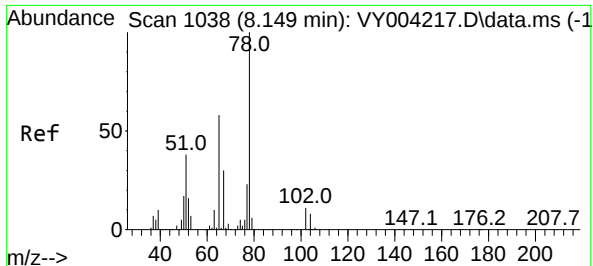
Tgt Ion: 76 Resp: 5921
Ion Ratio Lower Upper
76 100
78 10.6 7.4 11.2



#25
2-Butanone
Concen: 21.98 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY004364.D
Acq: 09 Apr 2021 17:42

Tgt Ion: 43 Resp: 16992
Ion Ratio Lower Upper
43 100
72 26.4 21.0 31.6

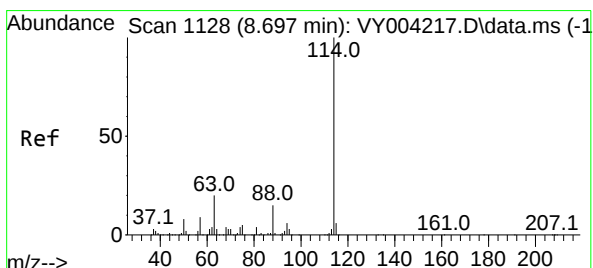
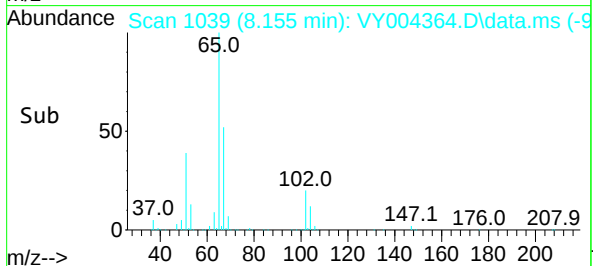
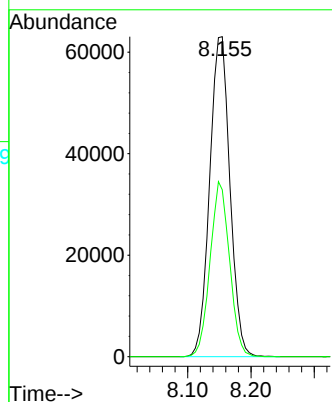
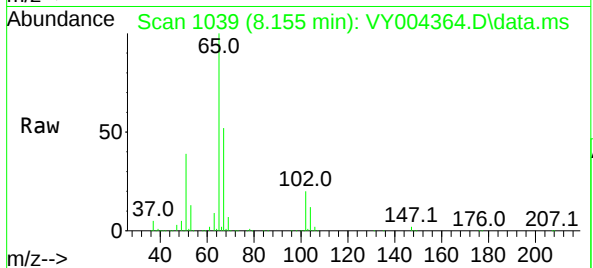




#33
1,2-Dichloroethane-d4
Concen: 63.25 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004364.D
Acq: 09 Apr 2021 17:42

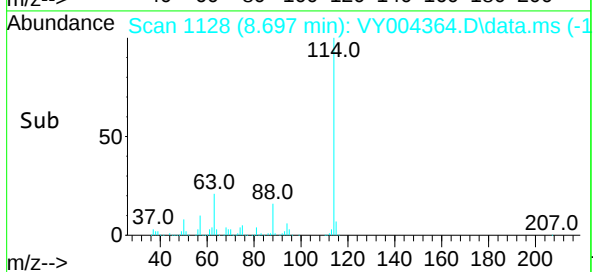
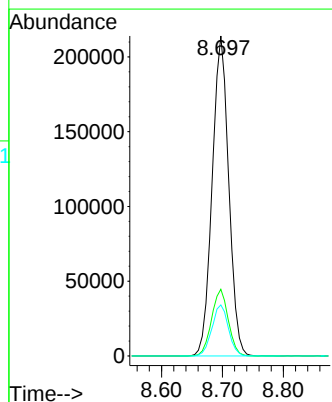
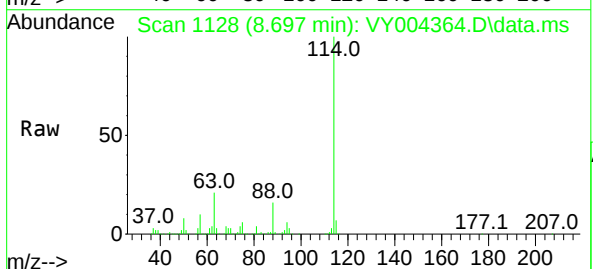
Instrument :
MSVOA_Y
ClientSampled :
SB2-B

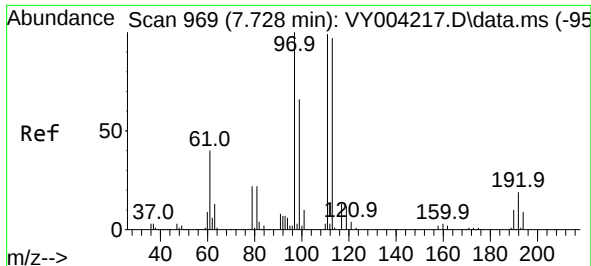
Tgt Ion: 65 Resp: 140521
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004364.D
Acq: 09 Apr 2021 17:42

Tgt Ion: 114 Resp: 402439
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.4
88 16.0 0.0 30.8

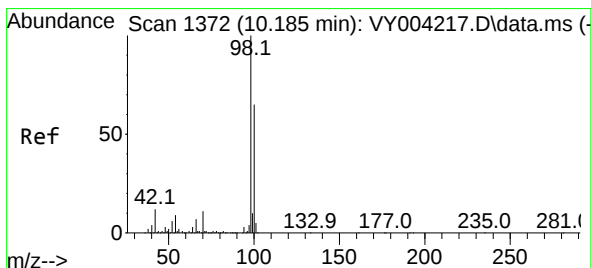
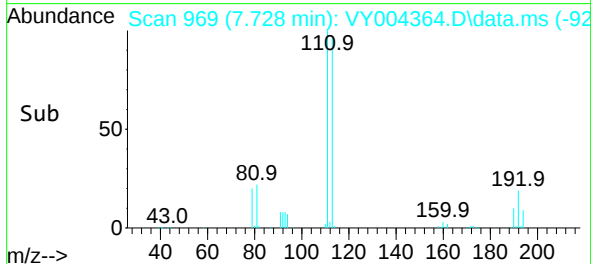
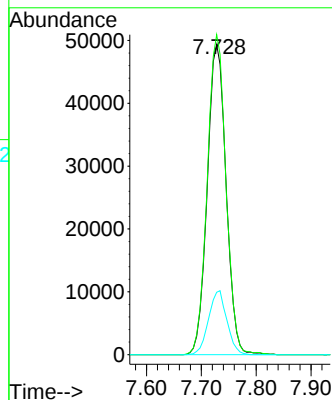
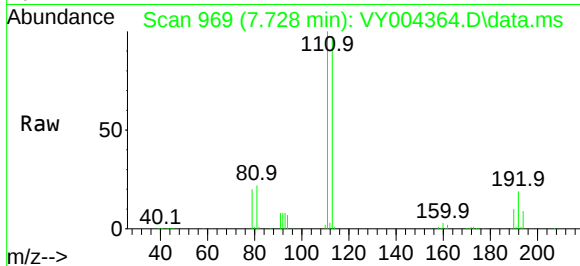




#35
Dibromofluoromethane
Concen: 52.38 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004364.D
Acq: 09 Apr 2021 17:42

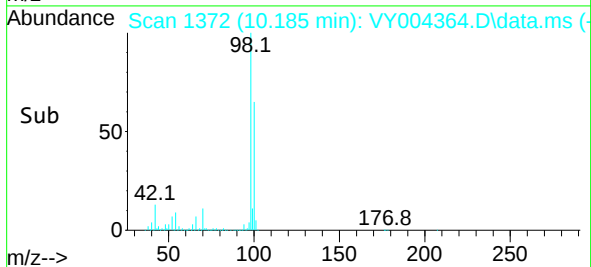
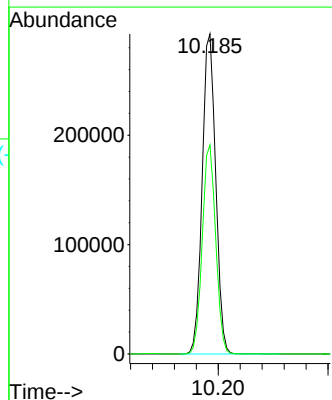
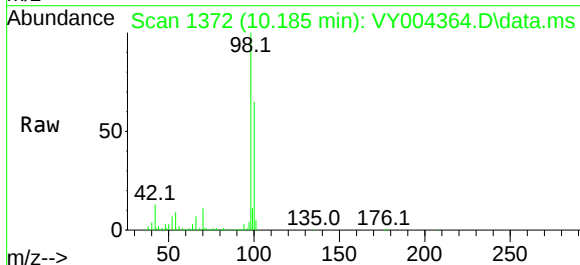
Instrument :
MSVOA_Y
ClientSampleId :
SB2-B

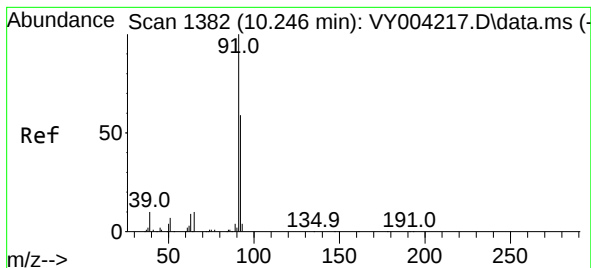
Tgt Ion:113 Resp: 117463
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 20.0 16.4 24.6



#50
Toluene-d8
Concen: 59.23 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004364.D
Acq: 09 Apr 2021 17:42

Tgt Ion: 98 Resp: 499511
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7





#52

Toluene

Concen: 6.35 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. -0.000 min

Lab File: VY004364.D

Acq: 09 Apr 2021 17:42

Tgt Ion: 92 Resp: 42506

Ion Ratio Lower Upper

92 100

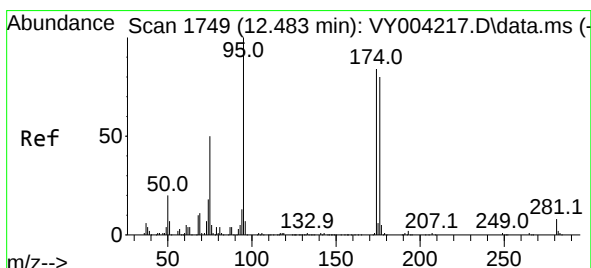
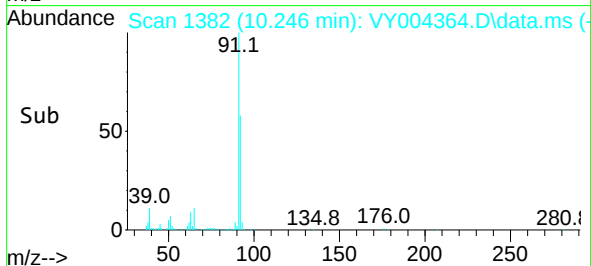
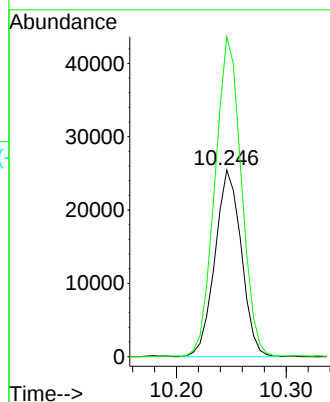
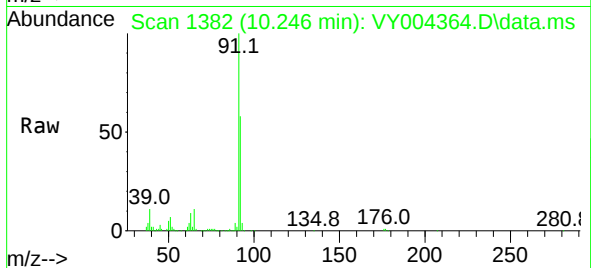
91 172.9 136.0 204.0

Instrument :

MSVOA_Y

ClientSampleId :

SB2-B



#62

4-Bromofluorobenzene

Concen: 58.72 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY004364.D

Acq: 09 Apr 2021 17:42

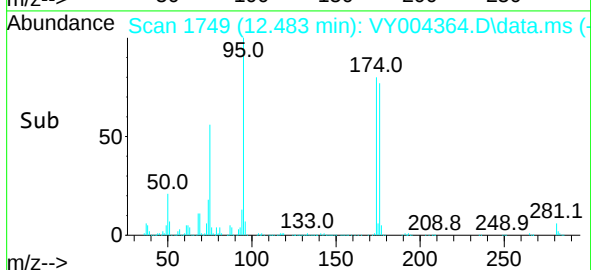
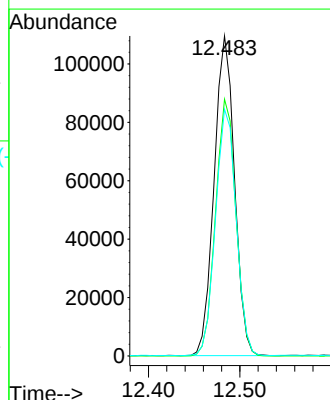
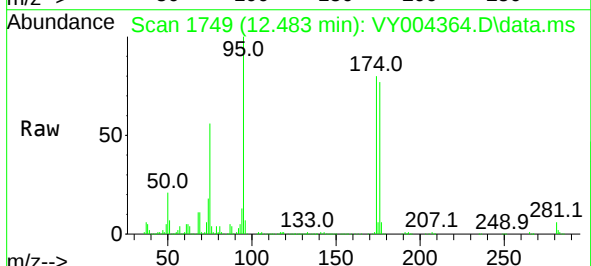
Tgt Ion: 95 Resp: 169725

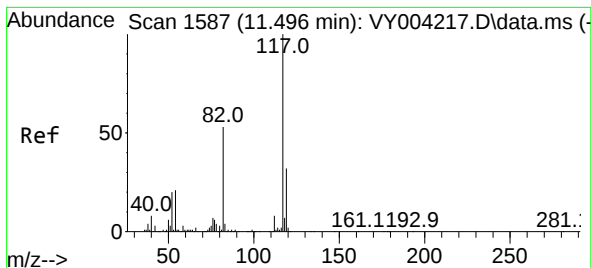
Ion Ratio Lower Upper

95 100

174 80.3 0.0 171.4

176 78.0 0.0 165.6

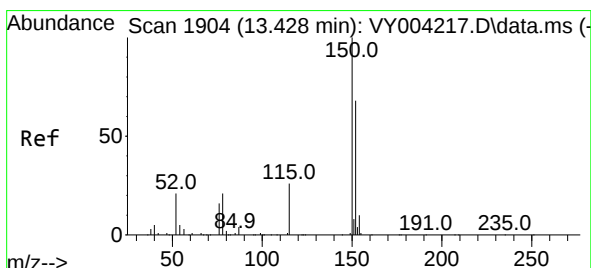
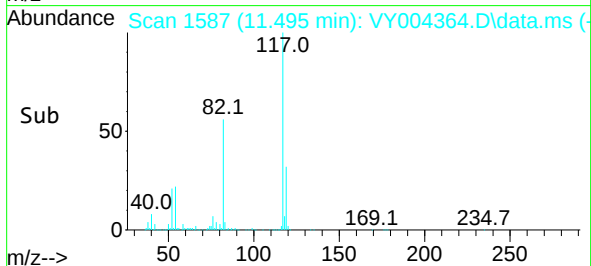
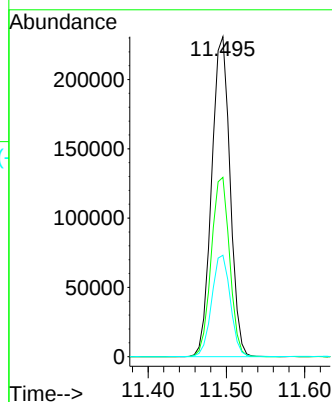
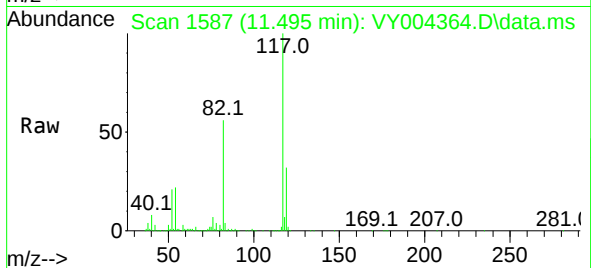




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004364.D
Acq: 09 Apr 2021 17:42

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:	117	Resp:	376197
Ion	Ratio	Lower	Upper
117	100		
82	56.0	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: VY004364.D
Acq: 09 Apr 2021 17:42

Tgt Ion:	152	Resp:	169241
Ion	Ratio	Lower	Upper
152	100		
115	58.9	29.0	87.1
150	156.7	0.0	347.4

