

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040921\
 Data File : VY004363.D
 Acq On : 09 Apr 2021 17:19
 Operator : SY/MD
 Sample : M1967-06
 Misc : 3.99G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB2-A

Quant Time: Apr 10 02:05:02 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)

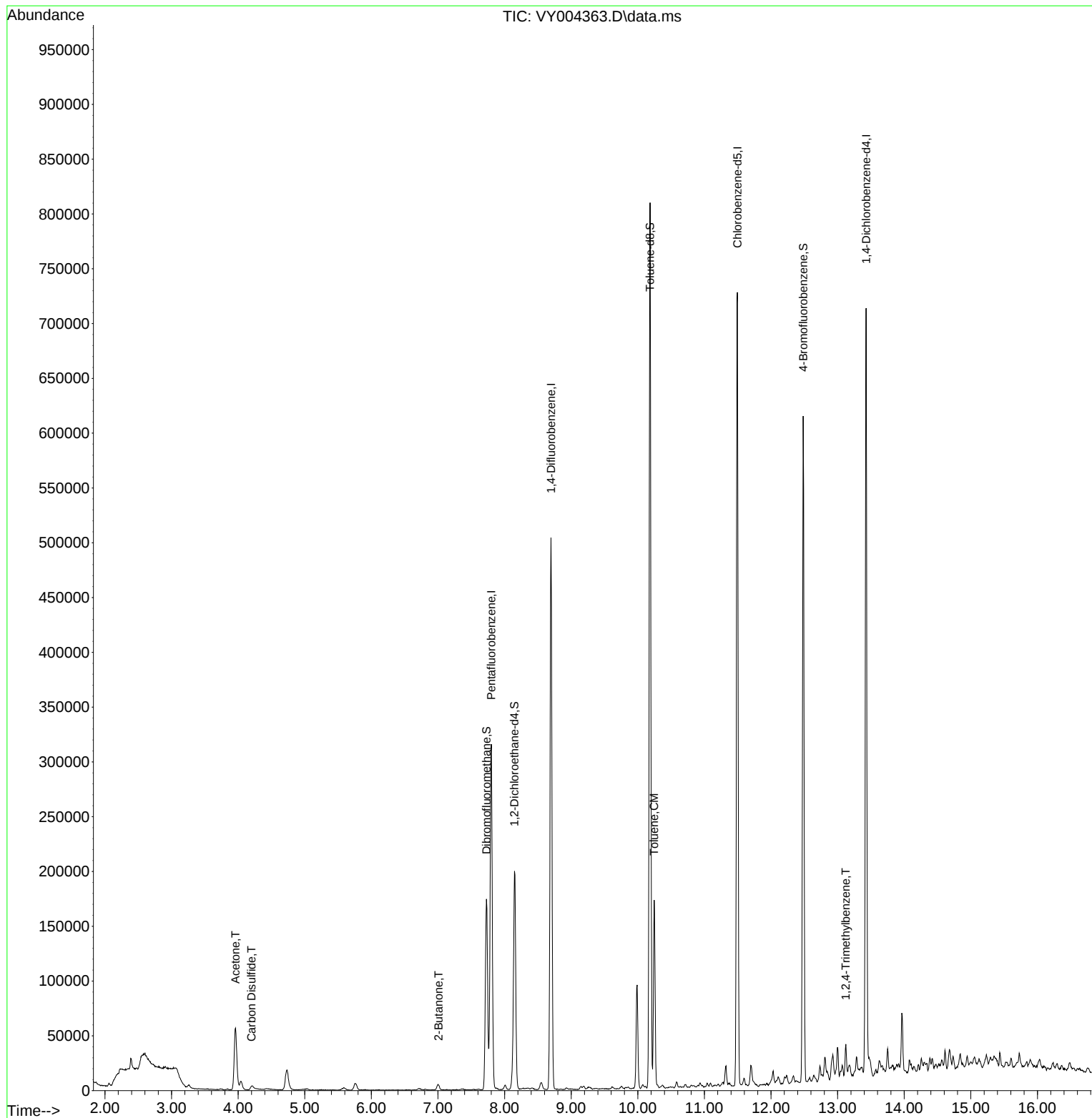
Internal Standards						
1) Pentafluorobenzene	7.801	168	238551	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	413158	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	387318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	170011	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	151643	66.13	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 132.26%			
35) Dibromofluoromethane	7.728	113	122553	53.24	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.48%			
50) Toluene-d8	10.185	98	511431	59.07	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 118.14%			
62) 4-Bromofluorobenzene	12.483	95	177845	59.93	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 119.86%			
Target Compounds					Qvalue	
16) Acetone	3.960	43	100886	211.16	ug/l	96
17) Carbon Disulfide	4.198	76	6938	1.22	ug/l	98
25) 2-Butanone	7.008	43	9136	11.45	ug/l #	89
52) Toluene	10.246	92	68839	10.02	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	14588	1.44	ug/l	93

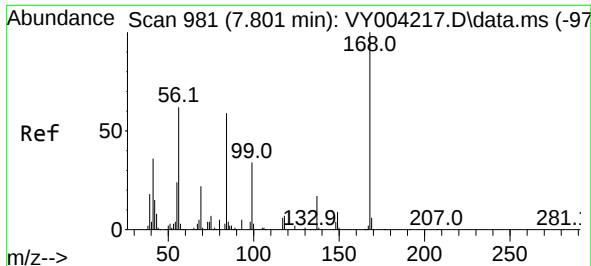
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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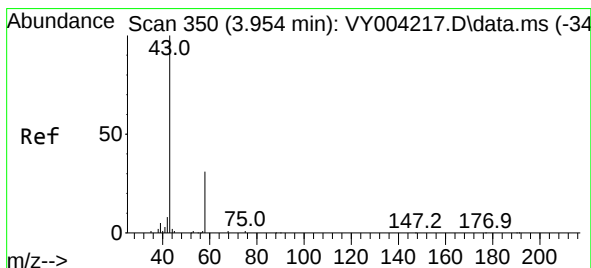
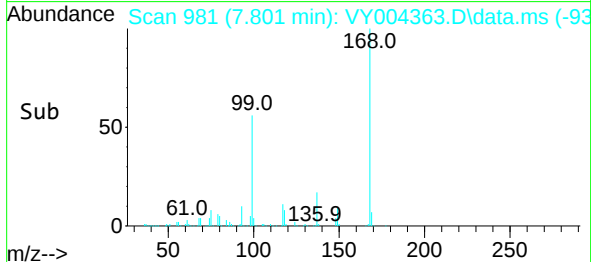
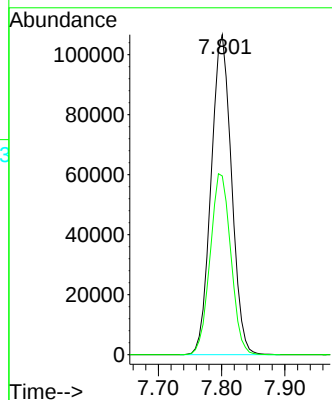
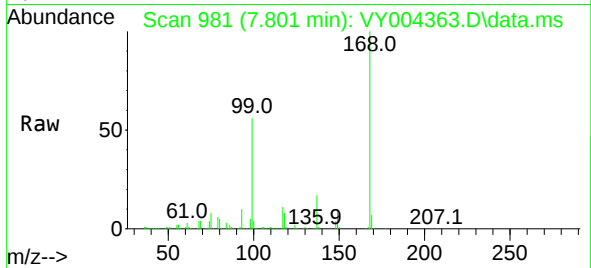




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004363.D
Acq: 09 Apr 2021 17:19

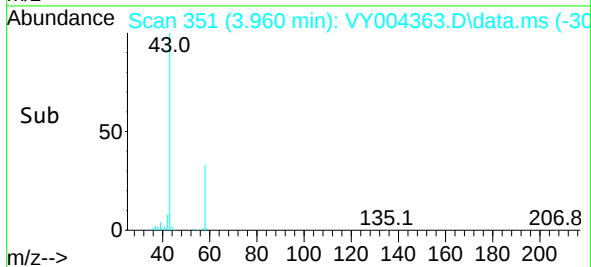
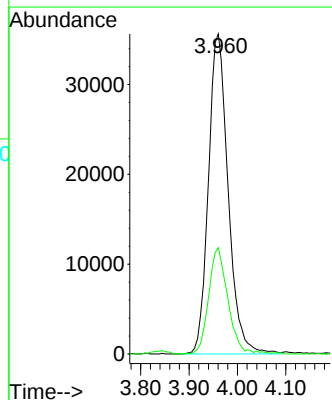
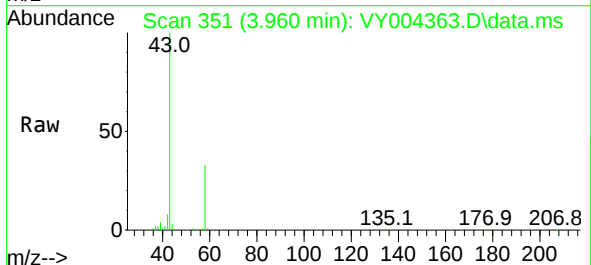
Instrument :
MSVOA_Y
ClientSampleId :
SB2-A

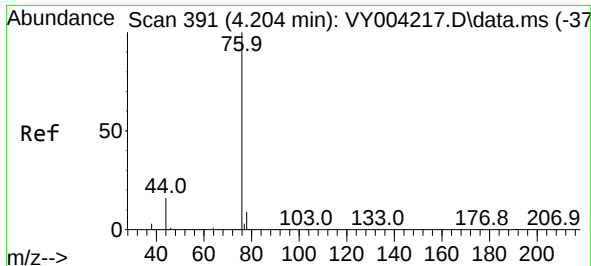
Tgt Ion:168 Resp: 238551
Ion Ratio Lower Upper
168 100
99 55.9 42.6 64.0



#16
Acetone
Concen: 211.16 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004363.D
Acq: 09 Apr 2021 17:19

Tgt Ion: 43 Resp: 100886
Ion Ratio Lower Upper
43 100
58 33.1 24.5 36.7

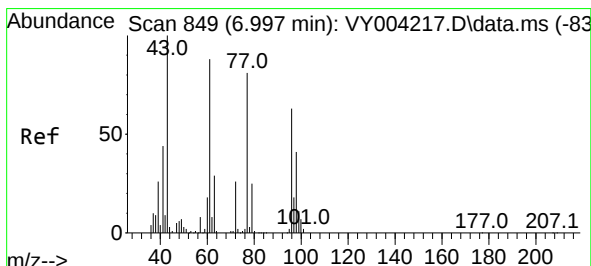
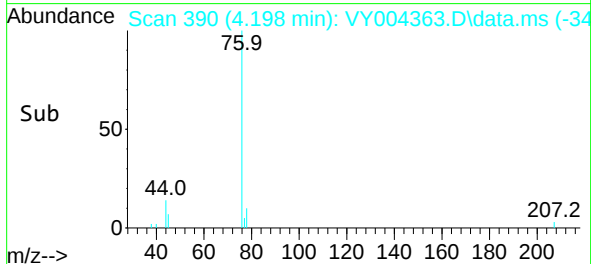
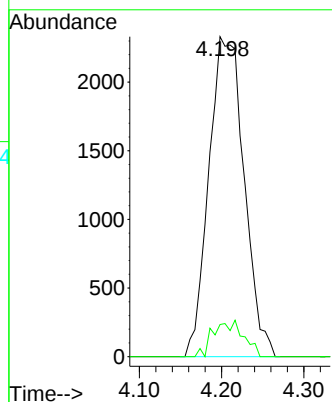
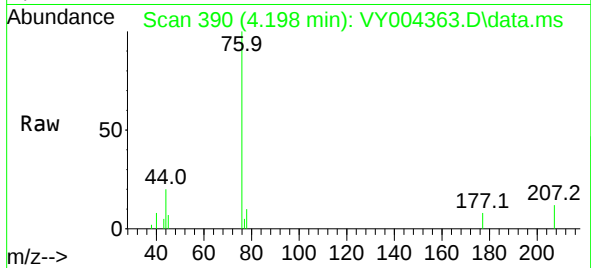




#17
Carbon Disulfide
Concen: 1.22 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY004363.D
Acq: 09 Apr 2021 17:19

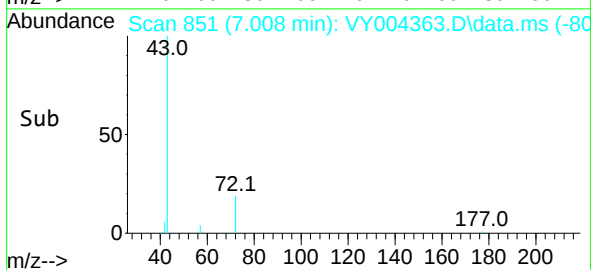
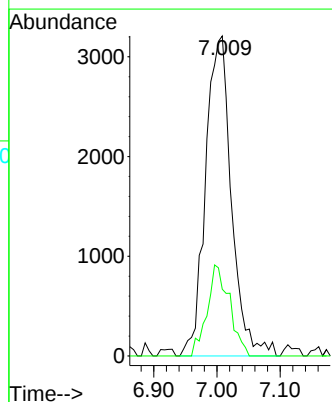
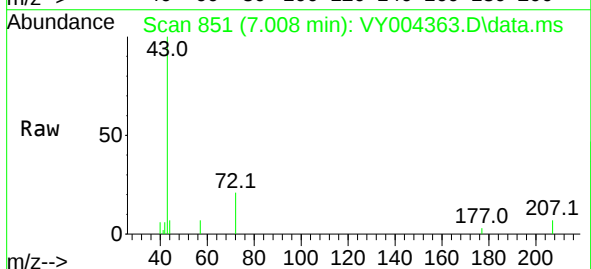
Instrument :
MSVOA_Y
ClientSampleId :
SB2-A

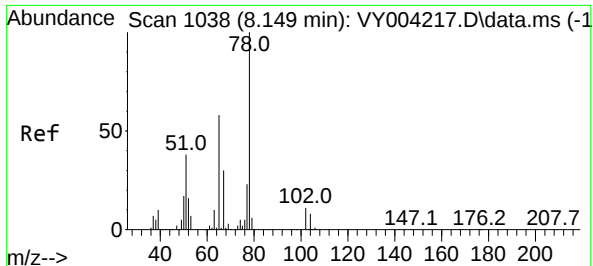
Tgt Ion: 76 Resp: 6938
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.2



#25
2-Butanone
Concen: 11.45 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY004363.D
Acq: 09 Apr 2021 17:19

Tgt Ion: 43 Resp: 9136
Ion Ratio Lower Upper
43 100
72 20.8 21.0 31.6#

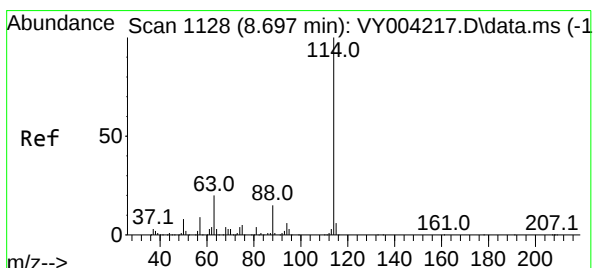
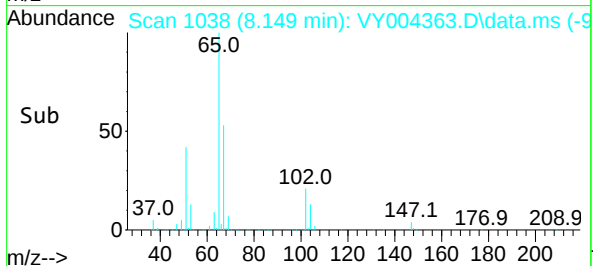
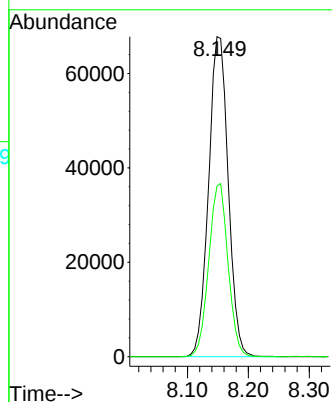
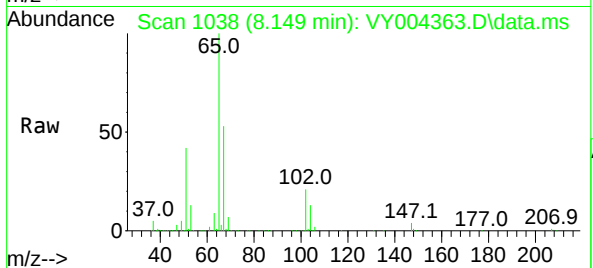




#33
1,2-Dichloroethane-d4
Concen: 66.13 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004363.D
Acq: 09 Apr 2021 17:19

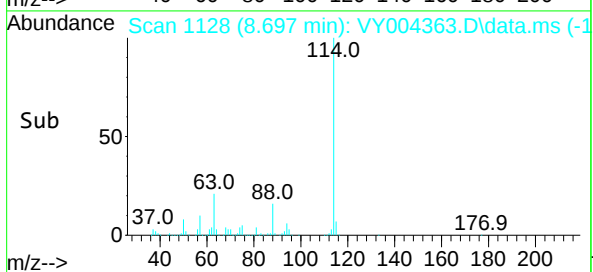
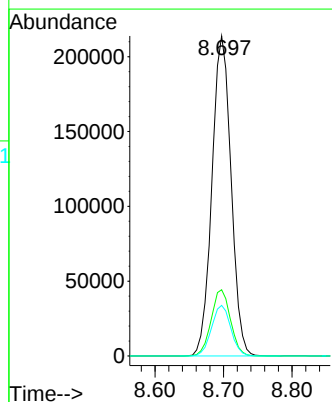
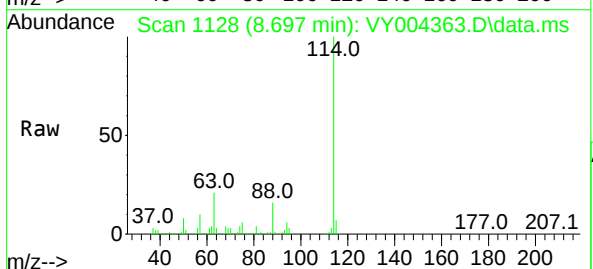
Instrument :
MSVOA_Y
ClientSampleId :
SB2-A

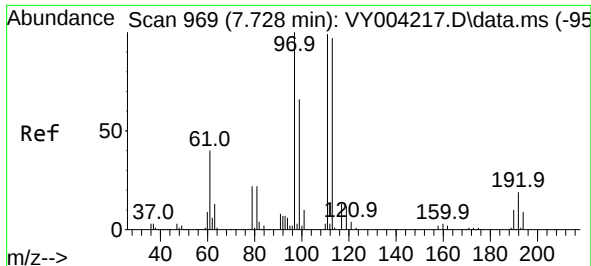
Tgt Ion: 65 Resp: 151643
Ion Ratio Lower Upper
65 100
67 53.1 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004363.D
Acq: 09 Apr 2021 17:19

Tgt Ion: 114 Resp: 413158
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.4
88 15.8 0.0 30.8

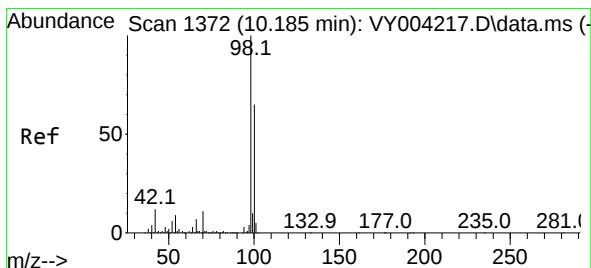
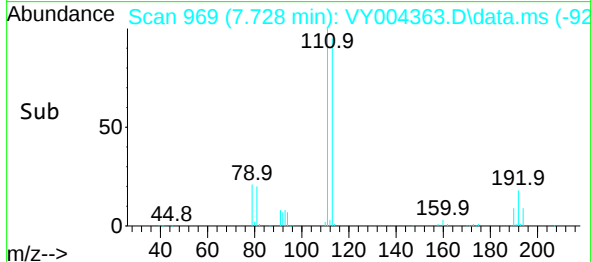
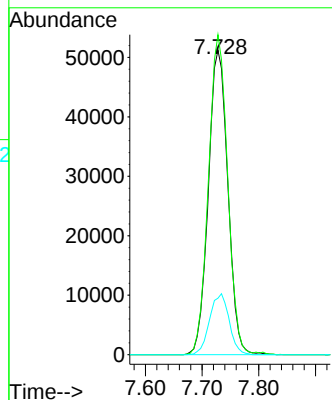
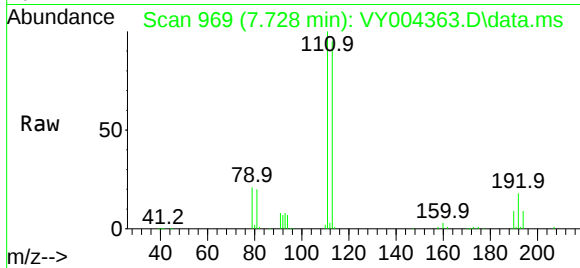




#35
Dibromofluoromethane
Concen: 53.24 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004363.D
Acq: 09 Apr 2021 17:19

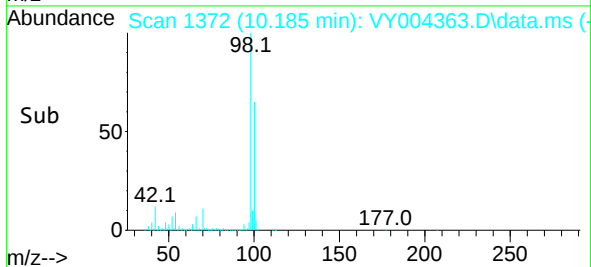
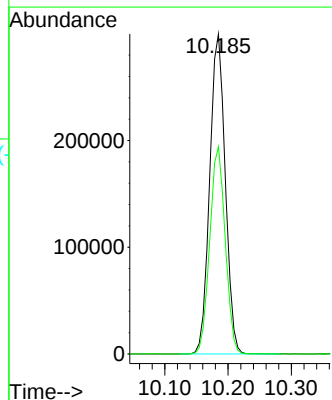
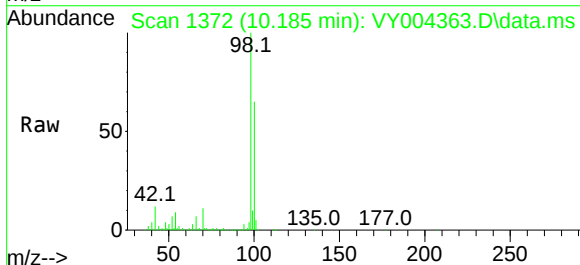
Instrument :
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ClientSampleId :
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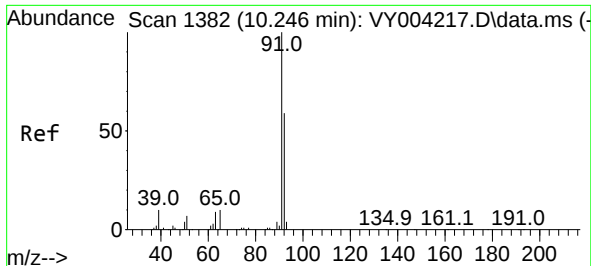
Tgt Ion:	113	Resp:	122553
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.6	124.0
192	20.0	16.4	24.6



#50
Toluene-d8
Concen: 59.07 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004363.D
Acq: 09 Apr 2021 17:19

Tgt Ion:	98	Resp:	511431
Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.5	78.7

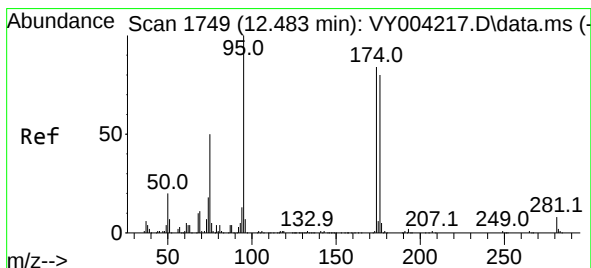
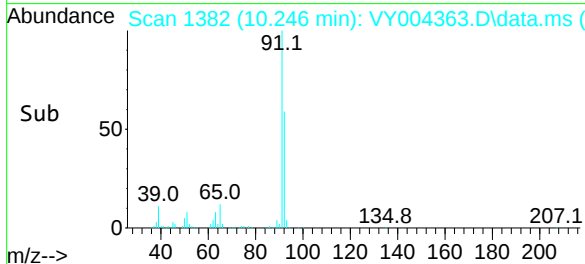
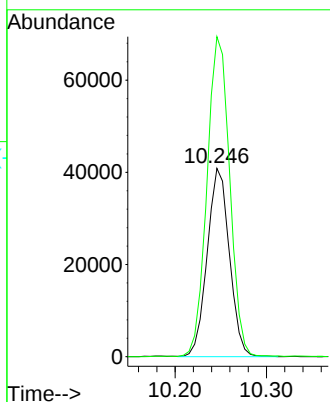
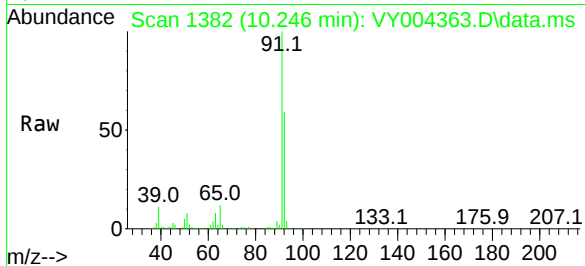




#52
Toluene
Concen: 10.02 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY004363.D
Acq: 09 Apr 2021 17:19

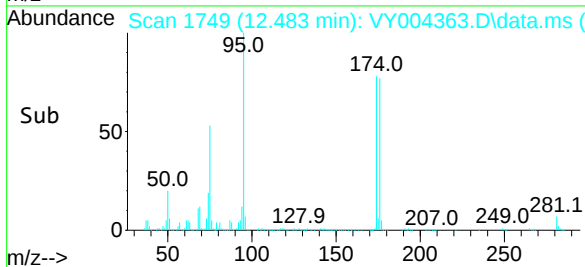
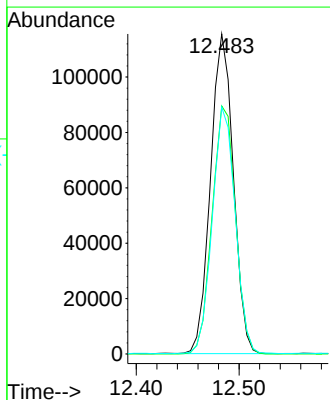
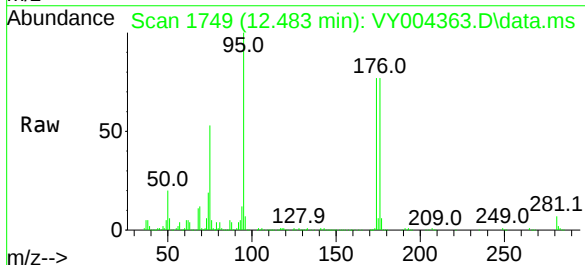
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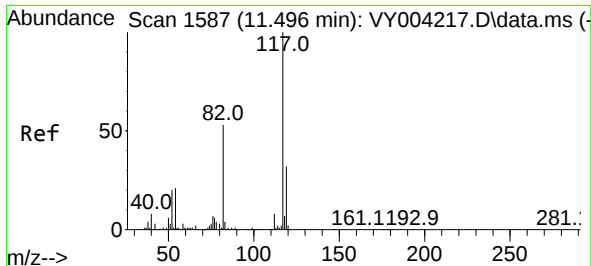
Tgt Ion: 92 Resp: 68839
Ion Ratio Lower Upper
92 100
91 173.4 136.0 204.0



#62
4-Bromofluorobenzene
Concen: 59.93 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004363.D
Acq: 09 Apr 2021 17:19

Tgt Ion: 95 Resp: 177845
Ion Ratio Lower Upper
95 100
174 79.3 0.0 171.4
176 77.5 0.0 165.6

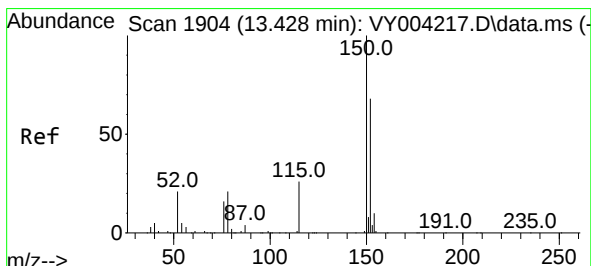
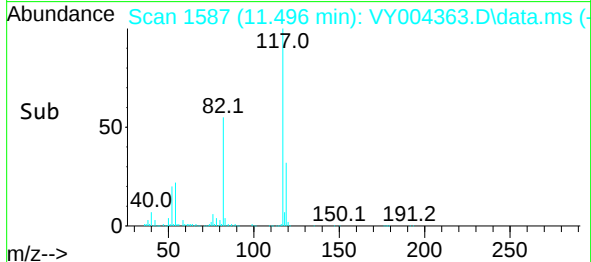
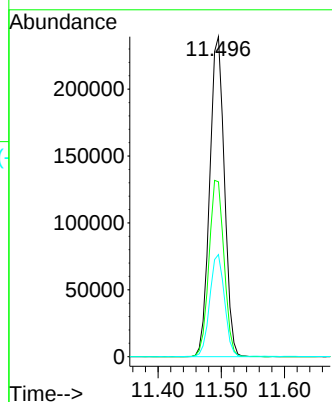
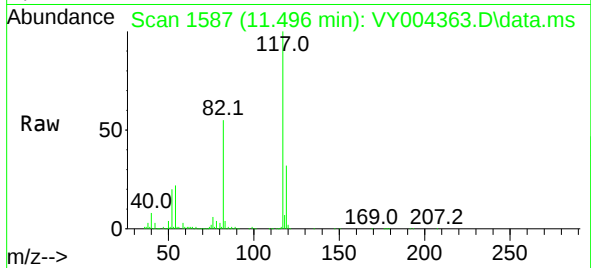




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004363.D
Acq: 09 Apr 2021 17:19

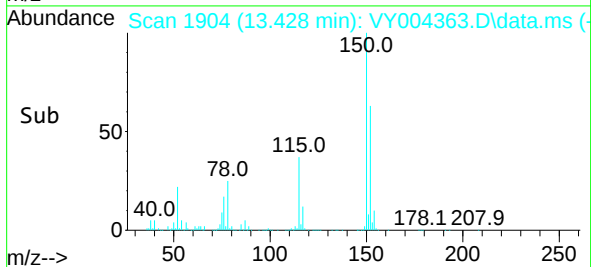
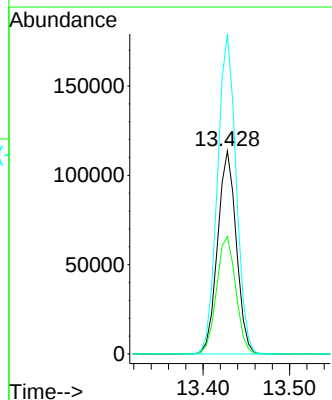
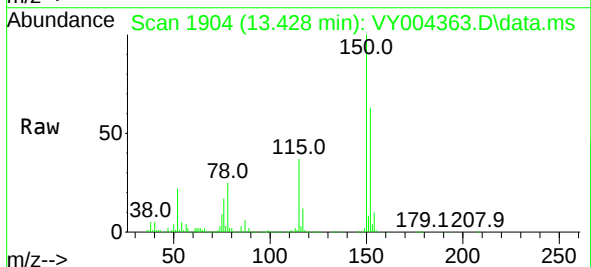
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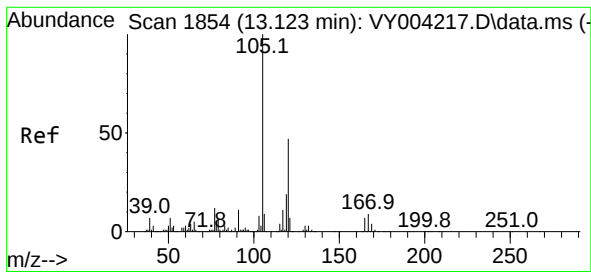
Tgt Ion:117 Resp: 387318
Ion Ratio Lower Upper
117 100
82 54.6 42.7 64.1
119 31.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004363.D
Acq: 09 Apr 2021 17:19

Tgt Ion:152 Resp: 170011
Ion Ratio Lower Upper
152 100
115 59.7 29.0 87.1
150 157.6 0.0 347.4





#84
 1,2,4-Trimethylbenzene
 Concen: 1.44 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: VY004363.D
 Acq: 09 Apr 2021 17:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB2-A

Tgt Ion:105 Resp: 14588
 Ion Ratio Lower Upper
 105 100
 120 41.1 22.9 68.7

