

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040921\
 Data File : VY004369.D
 Acq On : 09 Apr 2021 19:38
 Operator : SY/MD
 Sample : M1993-02
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T-1

Quant Time: Apr 10 02:06:41 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)

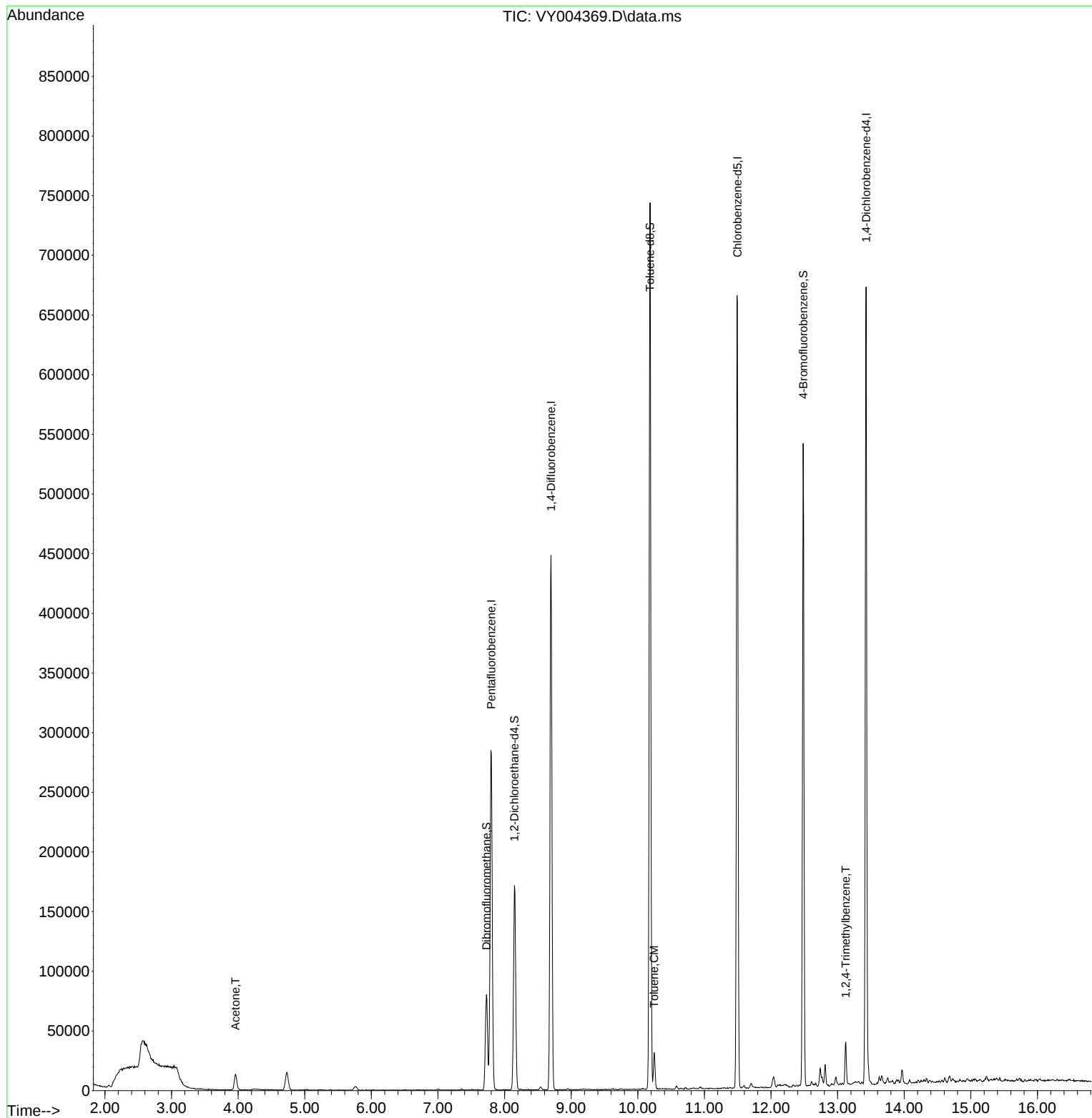
Internal Standards						
1) Pentafluorobenzene	7.801	168	219924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	376835	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	349843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	160689	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	133540	63.16	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.32%
35) Dibromofluoromethane	7.728	113	56871	27.09	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	54.18%
50) Toluene-d8	10.185	98	462846	58.61	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	117.22%
62) 4-Bromofluorobenzene	12.483	95	159388	58.89	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.78%
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	23399	53.12	ug/l	98
52) Toluene	10.246	92	11788	1.88	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	18533	1.93	ug/l	98

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

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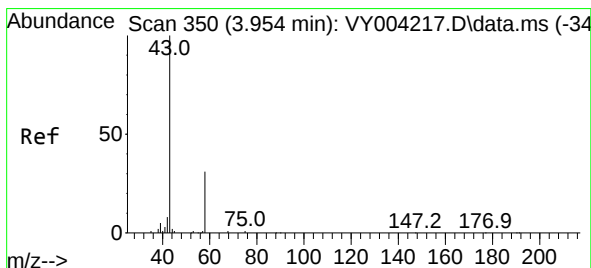
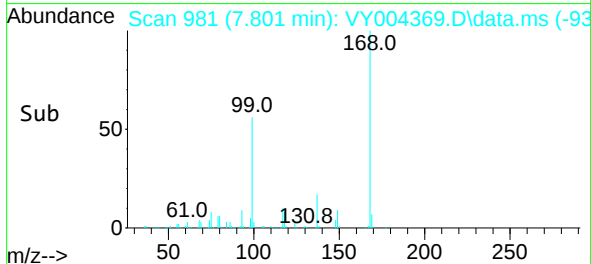
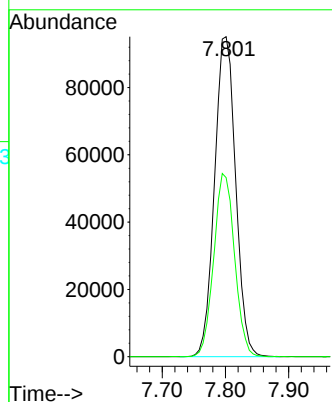
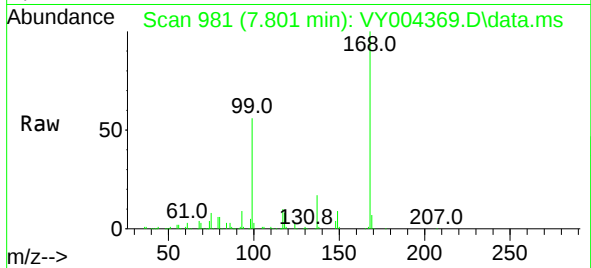




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004369.D
Acq: 09 Apr 2021 19:38

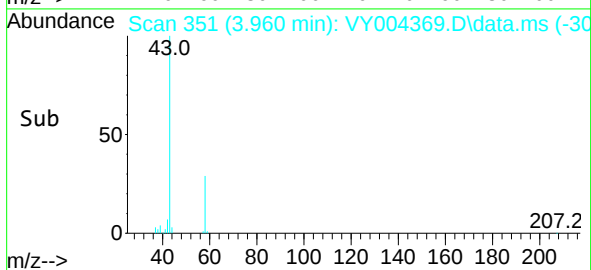
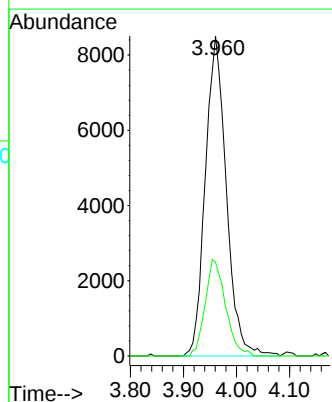
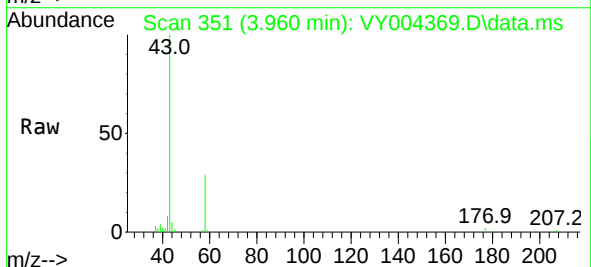
Instrument :
MSVOA_Y
ClientSampled :
T-1

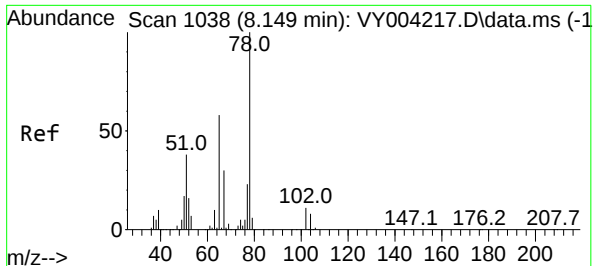
Tgt Ion:168 Resp: 219924
Ion Ratio Lower Upper
168 100
99 56.0 42.6 64.0



#16
Acetone
Concen: 53.12 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004369.D
Acq: 09 Apr 2021 19:38

Tgt Ion: 43 Resp: 23399
Ion Ratio Lower Upper
43 100
58 29.3 24.5 36.7

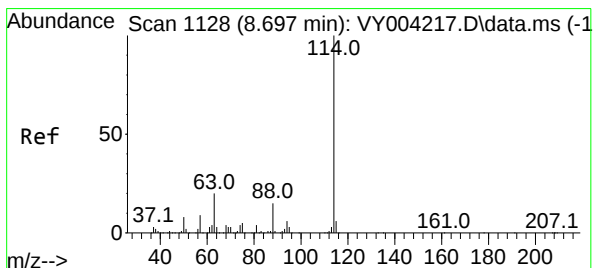
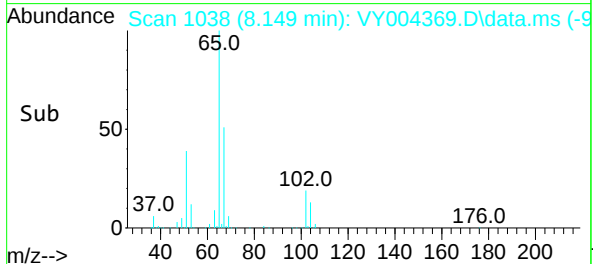
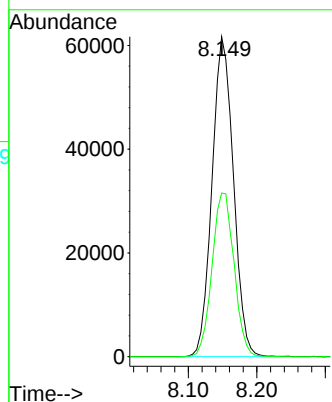
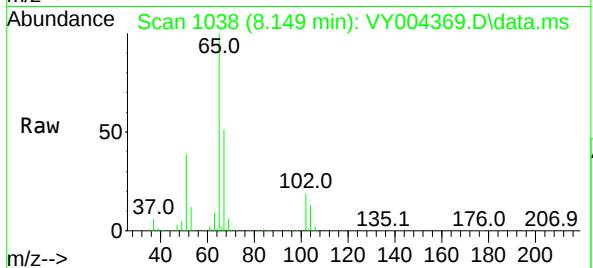




#33
 1,2-Dichloroethane-d4
 Concen: 63.16 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY004369.D
 Acq: 09 Apr 2021 19:38

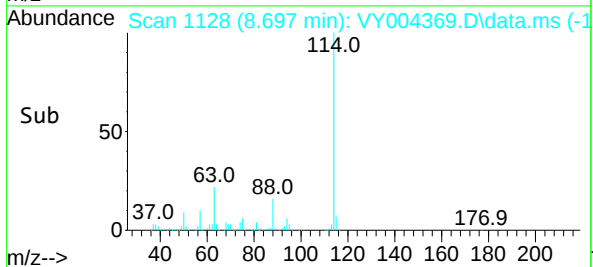
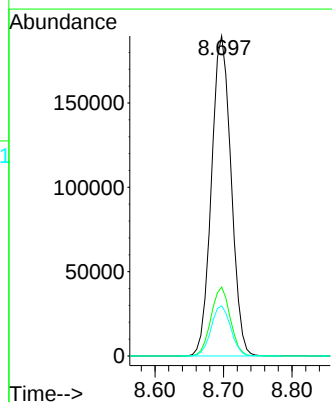
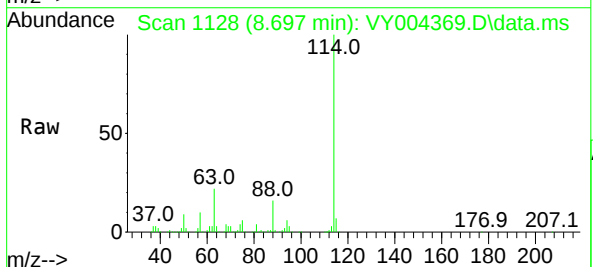
Instrument :
 MSVOA_Y
 ClientSampled :
 T-1

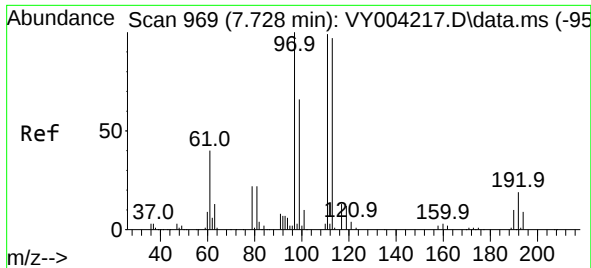
Tgt Ion: 65 Resp: 133540
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY004369.D
 Acq: 09 Apr 2021 19:38

Tgt Ion: 114 Resp: 376835
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 40.4
 88 15.6 0.0 30.8

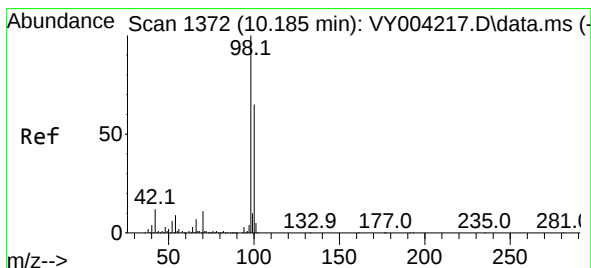
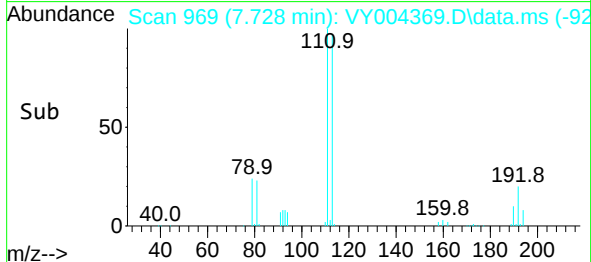
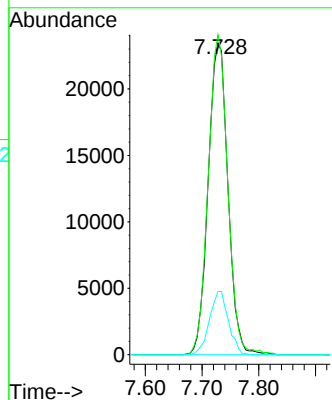
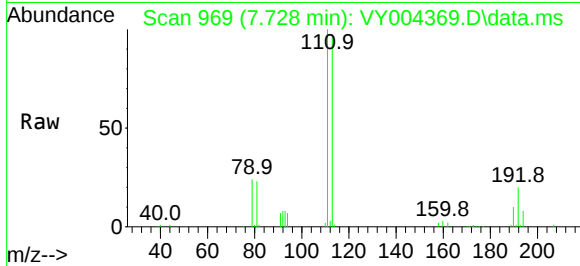




#35
Dibromofluoromethane
Concen: 27.09 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004369.D
Acq: 09 Apr 2021 19:38

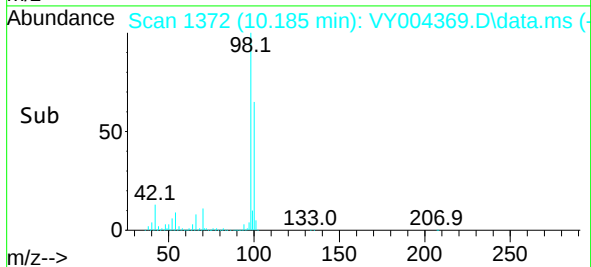
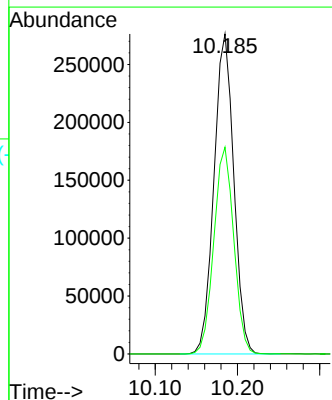
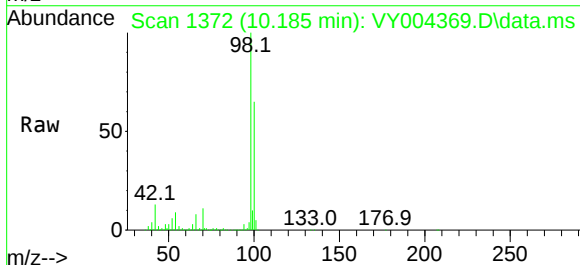
Instrument :
MSVOA_Y
ClientSampled :
T-1

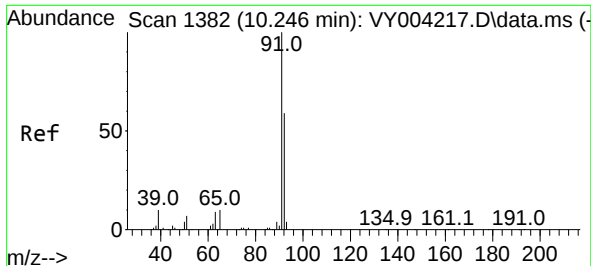
Tgt Ion:	113	Resp:	56871
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.6	124.0
192	19.4	16.4	24.6



#50
Toluene-d8
Concen: 58.61 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004369.D
Acq: 09 Apr 2021 19:38

Tgt Ion:	98	Resp:	462846
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.5	78.7

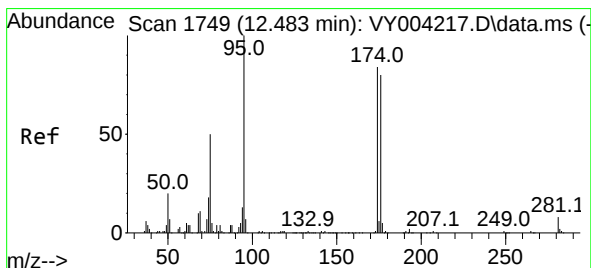
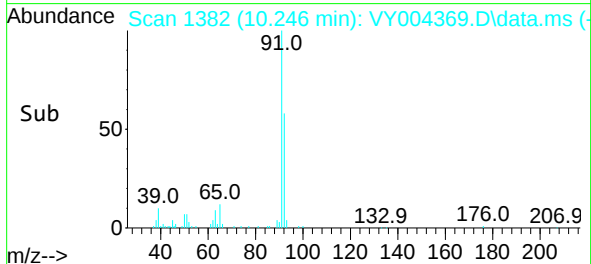
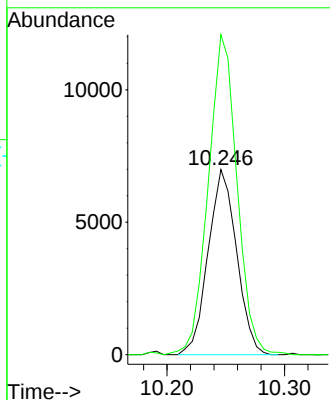
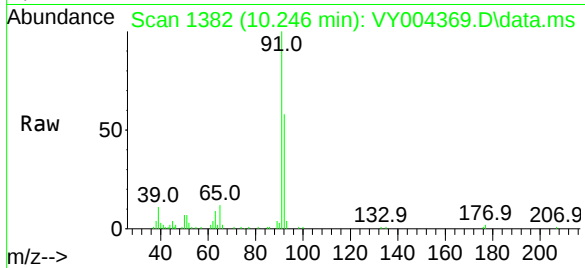




#52
Toluene
Concen: 1.88 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY004369.D
Acq: 09 Apr 2021 19:38

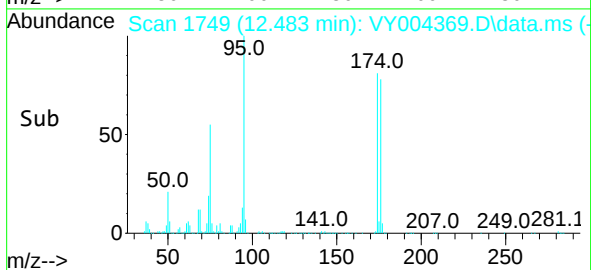
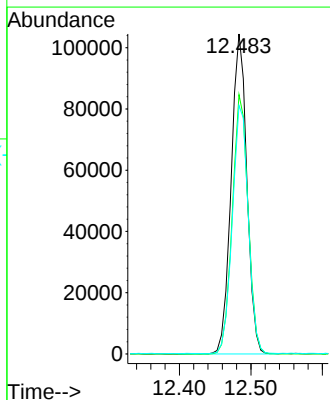
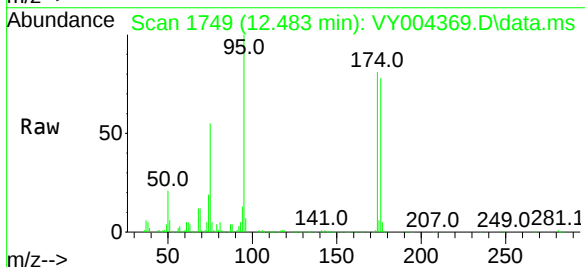
Instrument :
MSVOA_Y
ClientSampled :
T-1

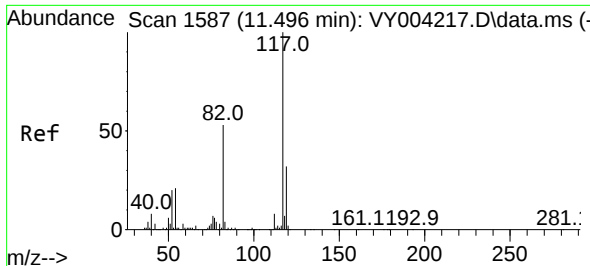
Tgt Ion: 92 Resp: 11788
Ion Ratio Lower Upper
92 100
91 174.1 136.0 204.0



#62
4-Bromofluorobenzene
Concen: 58.89 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004369.D
Acq: 09 Apr 2021 19:38

Tgt Ion: 95 Resp: 159388
Ion Ratio Lower Upper
95 100
174 81.3 0.0 171.4
176 78.6 0.0 165.6

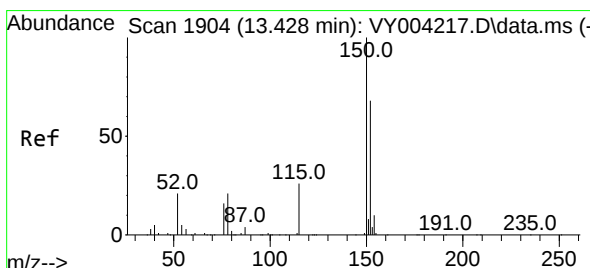
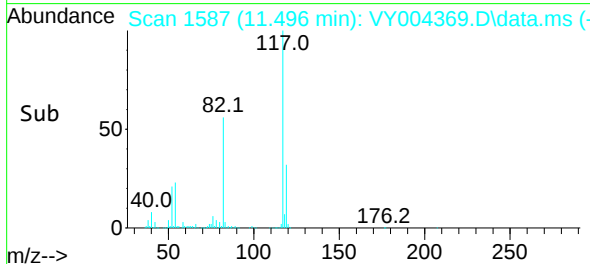
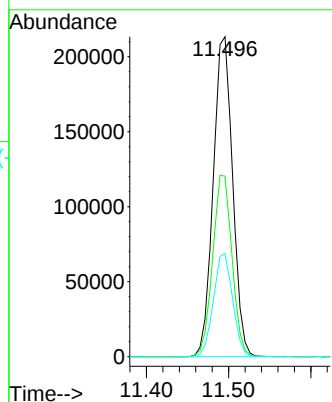
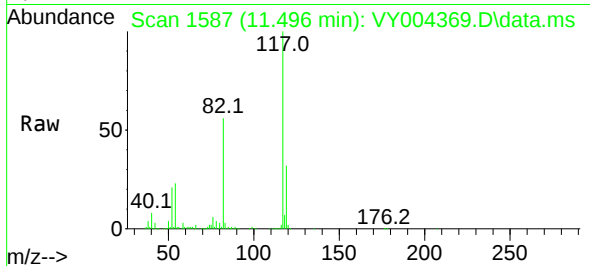




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004369.D
Acq: 09 Apr 2021 19:38

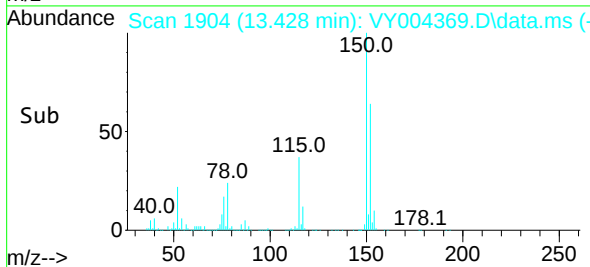
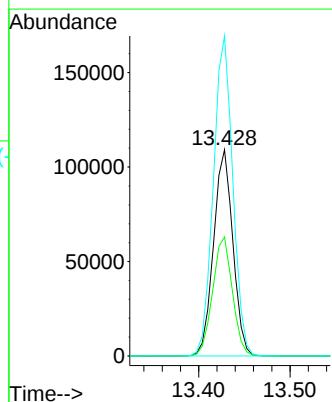
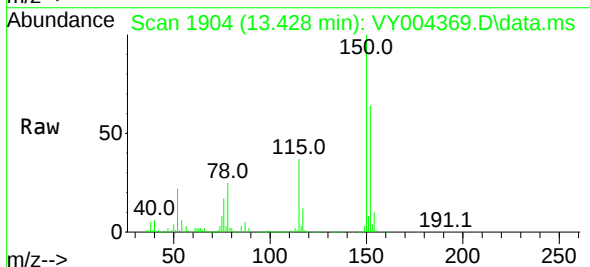
Instrument :
MSVOA_Y
ClientSampled :
T-1

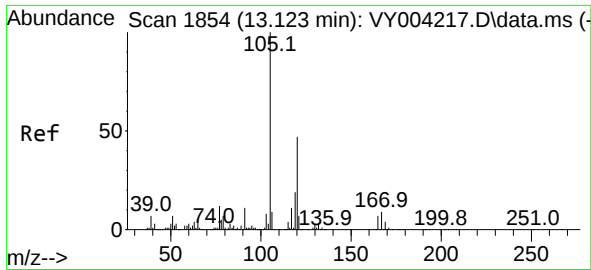
Tgt Ion:117 Resp: 349843
Ion Ratio Lower Upper
117 100
82 56.4 42.7 64.1
119 32.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004369.D
Acq: 09 Apr 2021 19:38

Tgt Ion:152 Resp: 160689
Ion Ratio Lower Upper
152 100
115 58.8 29.0 87.1
150 155.8 0.0 347.4





#84
 1,2,4-Trimethylbenzene
 Concen: 1.93 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: VY004369.D
 Acq: 09 Apr 2021 19:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 T-1

Tgt Ion:105 Resp: 18533
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.9 68.7

