

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040921\
 Data File : VY004357.D
 Acq On : 09 Apr 2021 14:59
 Operator : SY/MD
 Sample : M1979-09RE
 Misc : 4.75G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-9RE

Quant Time: Apr 10 02:02:49 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)

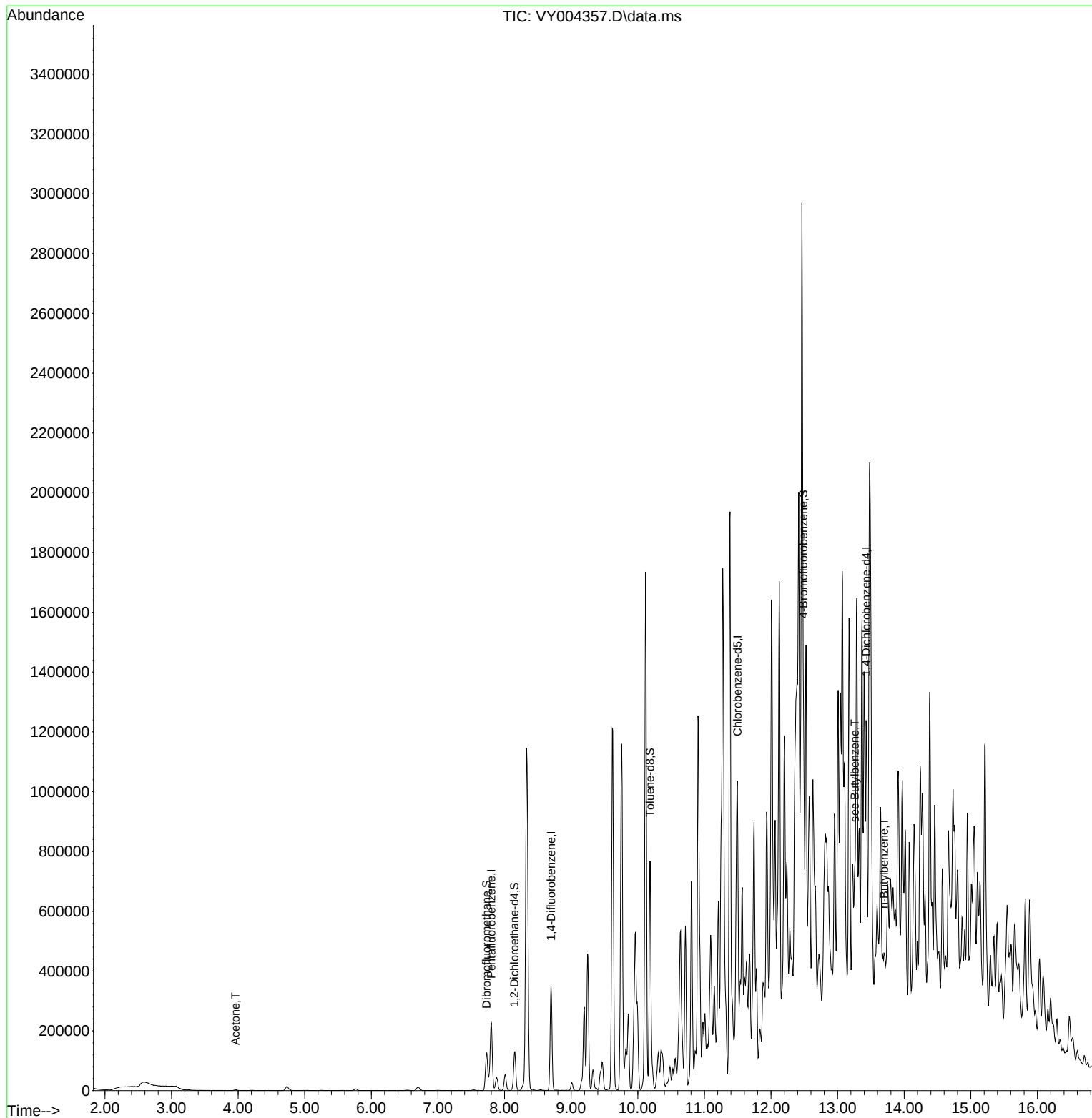
Internal Standards						
1) Pentafluorobenzene	7.801	168	167456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	289755	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	288552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	141672	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	101363	62.97	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.94%			
35) Dibromofluoromethane	7.728	113	87387	54.13	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.26%			
50) Toluene-d8	10.185	98	365367	60.17	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 120.34%			
62) 4-Bromofluorobenzene	12.483	95	162374	78.02	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 156.04%#			
Target Compounds						Qvalue
16) Acetone	3.960	43	5142	15.33	ug/l	93
85) sec-Butylbenzene	13.258	105	21537	2.14	ug/l #	48
89) n-Butylbenzene	13.697	91	38983	4.54	ug/l	92

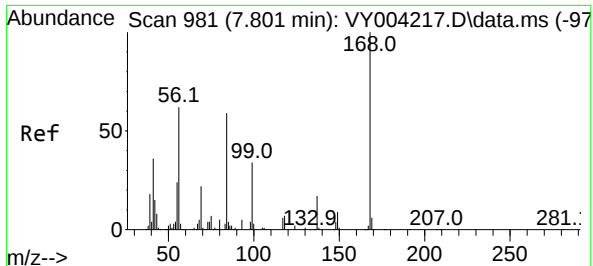
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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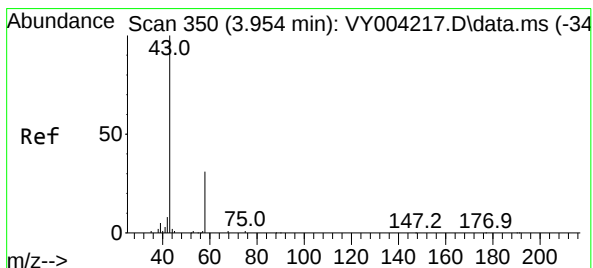
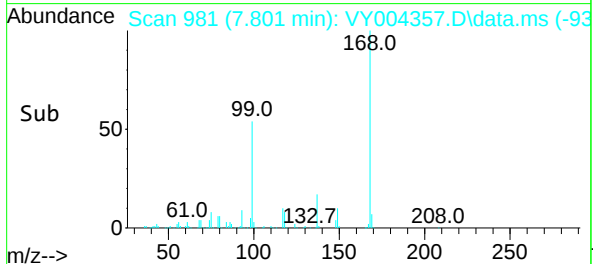
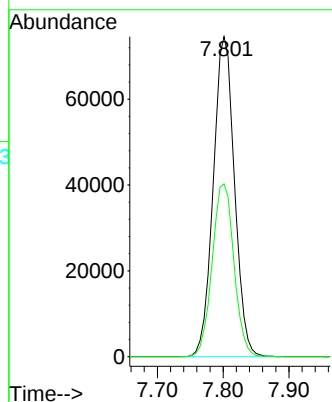
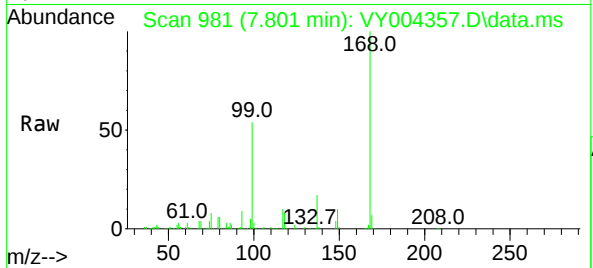




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004357.D
Acq: 09 Apr 2021 14:59

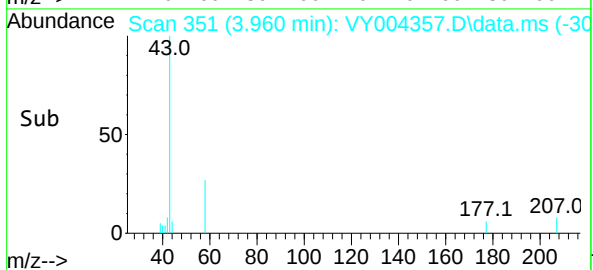
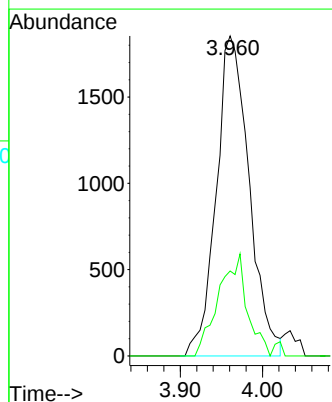
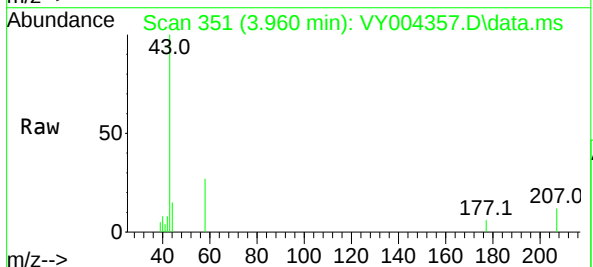
Instrument :
MSVOA_Y
ClientSampleId :
S-9RE

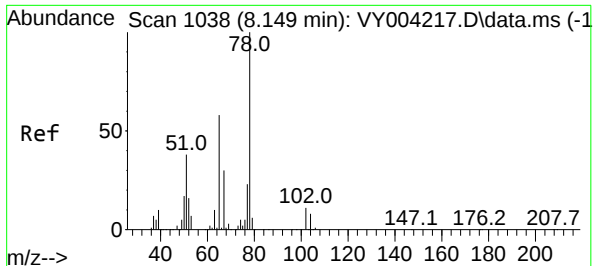
Tgt Ion:168 Resp: 167456
Ion Ratio Lower Upper
168 100
99 54.0 42.6 64.0



#16
Acetone
Concen: 15.33 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004357.D
Acq: 09 Apr 2021 14:59

Tgt Ion: 43 Resp: 5142
Ion Ratio Lower Upper
43 100
58 26.5 24.5 36.7



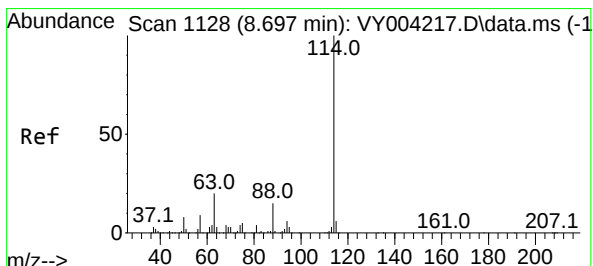
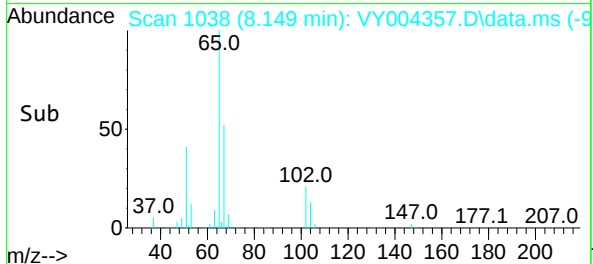
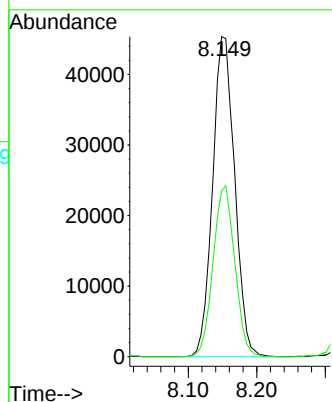
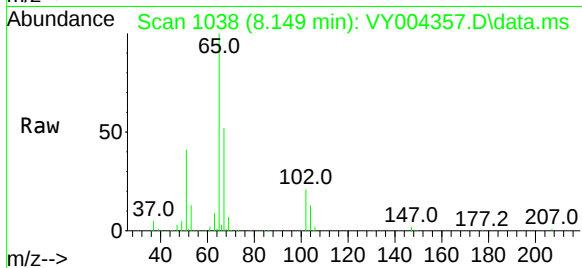


#33
 1,2-Dichloroethane-d4
 Concen: 62.97 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY004357.D
 Acq: 09 Apr 2021 14:59

Instrument :
 MSVOA_Y
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 S-9RE

Tgt Ion: 65 Resp: 101363

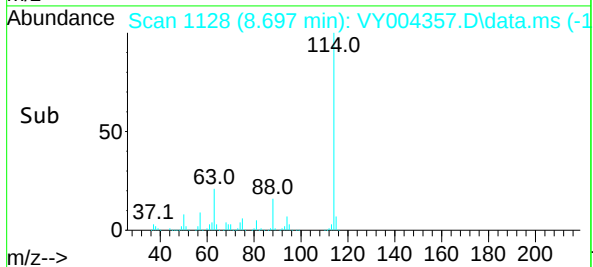
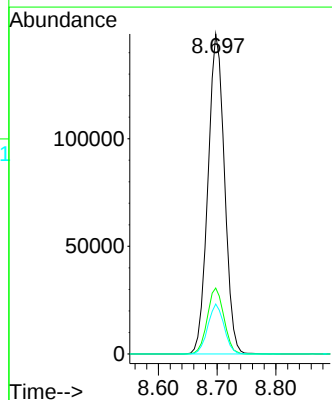
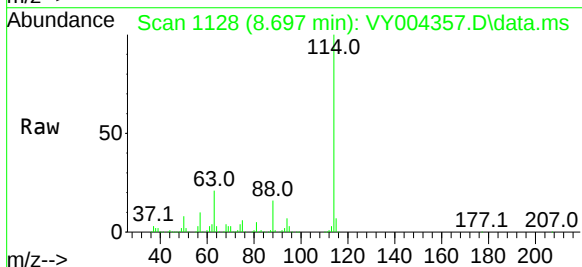
Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	103.2

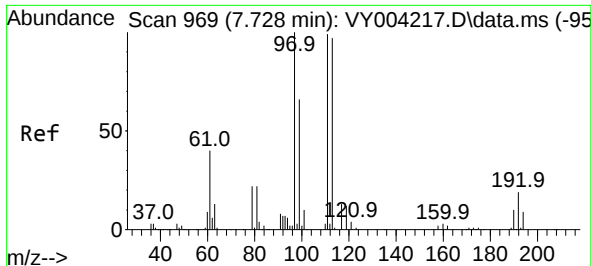


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY004357.D
 Acq: 09 Apr 2021 14:59

Tgt Ion: 114 Resp: 289755

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.4
88	15.6	0.0	30.8

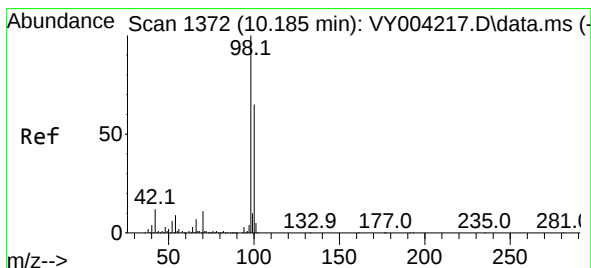
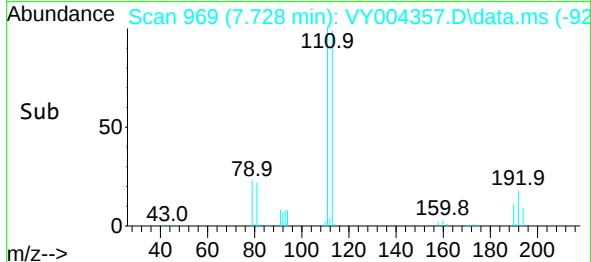
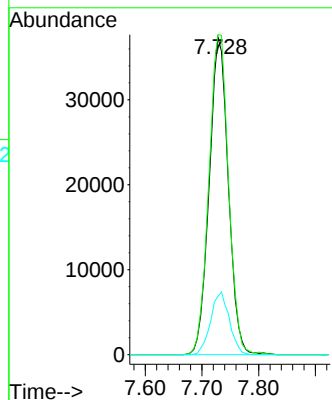
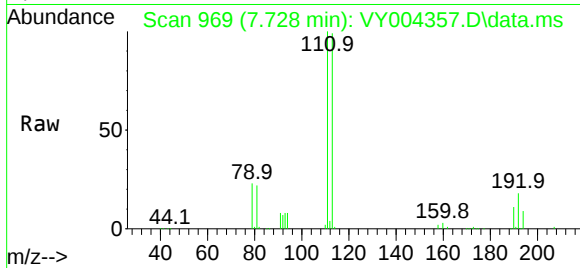




#35
Dibromofluoromethane
Concen: 54.13 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004357.D
Acq: 09 Apr 2021 14:59

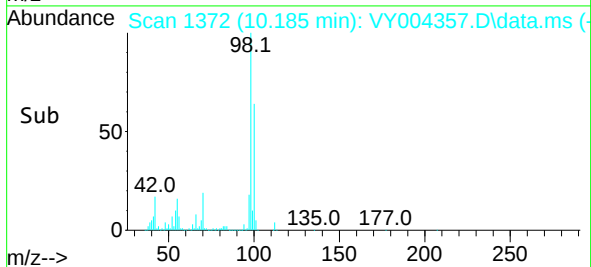
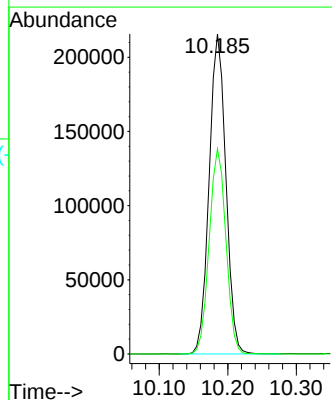
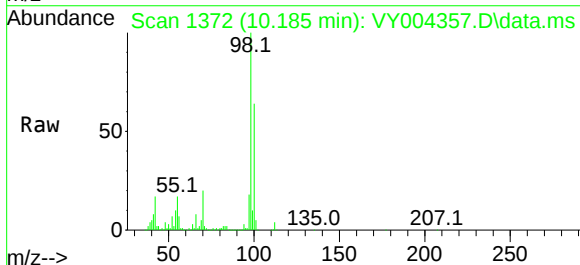
Instrument :
MSVOA_Y
ClientSampleId :
S-9RE

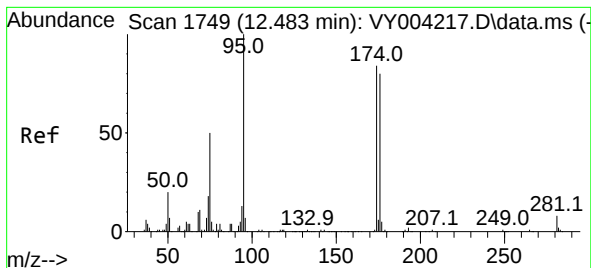
Tgt Ion:	113	Resp:	87387
Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.6	124.0
192	19.4	16.4	24.6



#50
Toluene-d8
Concen: 60.17 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004357.D
Acq: 09 Apr 2021 14:59

Tgt Ion:	98	Resp:	365367
Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.5	78.7

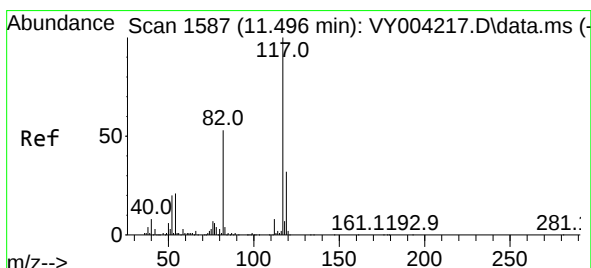
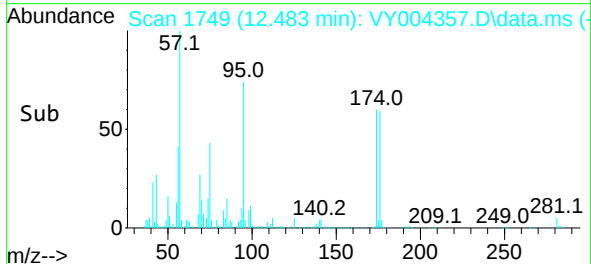
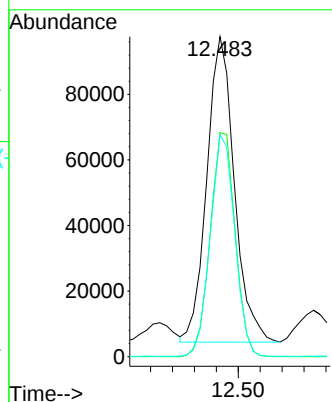
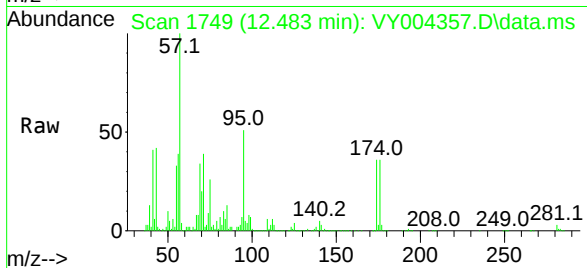




#62
4-Bromofluorobenzene
Concen: 78.02 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004357.D
Acq: 09 Apr 2021 14:59

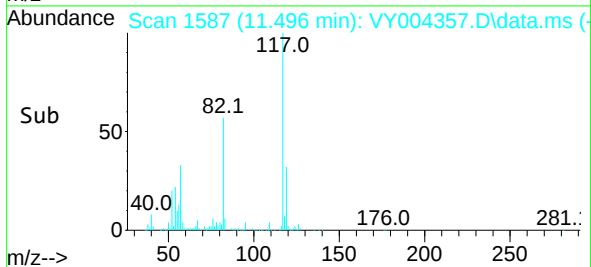
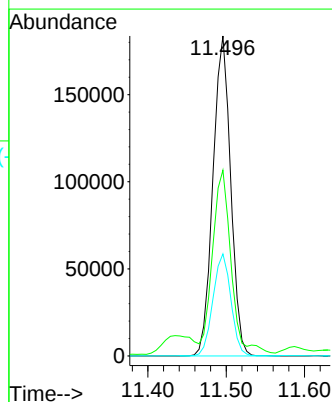
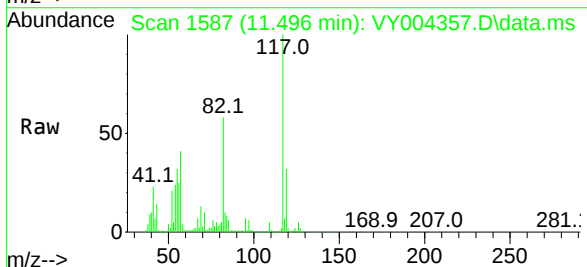
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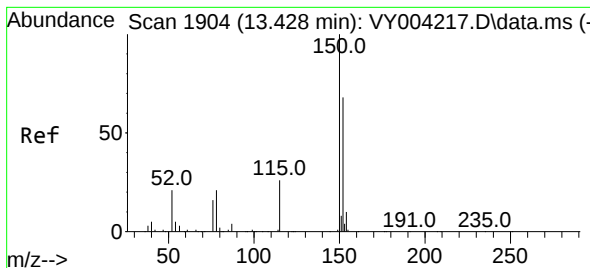
Tgt Ion: 95 Resp: 162374
Ion Ratio Lower Upper
95 100
174 66.7 0.0 171.4
176 64.6 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004357.D
Acq: 09 Apr 2021 14:59

Tgt Ion: 117 Resp: 288552
Ion Ratio Lower Upper
117 100
82 56.6 42.7 64.1
119 31.8 25.7 38.5

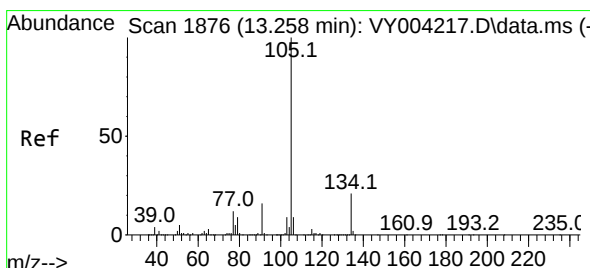
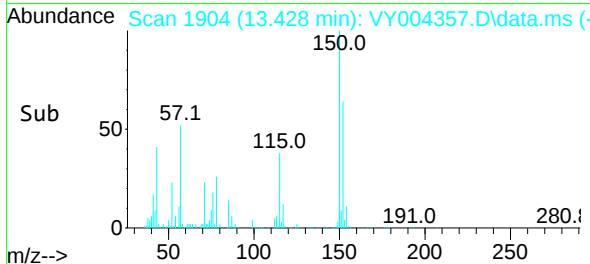
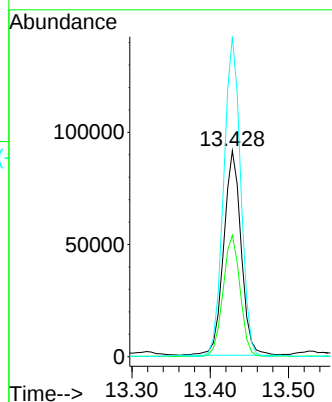
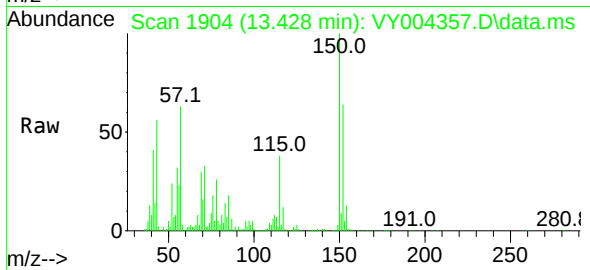




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004357.D
Acq: 09 Apr 2021 14:59

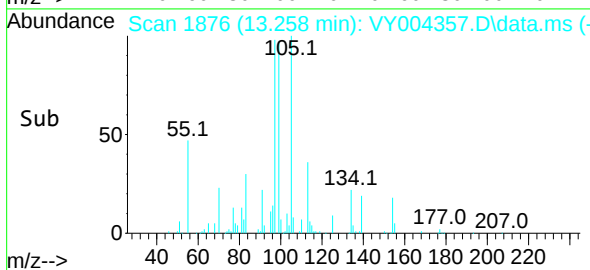
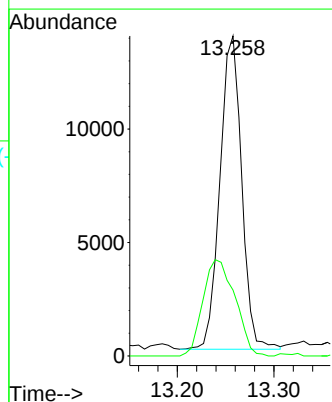
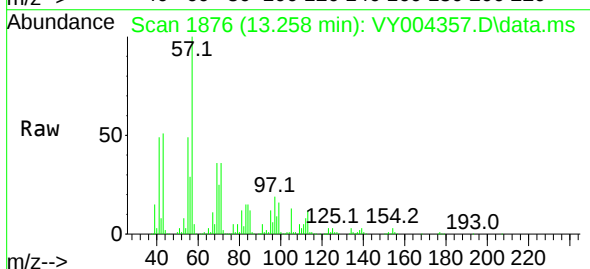
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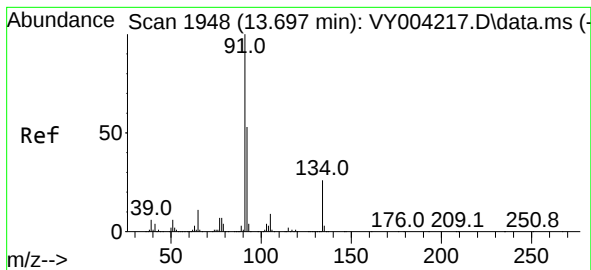
Tgt Ion:152 Resp: 141672
Ion Ratio Lower Upper
152 100
115 57.7 29.0 87.1
150 151.0 0.0 347.4



#85
sec-Butylbenzene
Concen: 2.14 ug/l
RT: 13.258 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VY004357.D
Acq: 09 Apr 2021 14:59

Tgt Ion:105 Resp: 21537
Ion Ratio Lower Upper
105 100
134 45.4 10.4 31.4#





#89
 n-Butylbenzene
 Concen: 4.54 ug/l
 RT: 13.697 min Scan# 1948
 Delta R.T. 0.000 min
 Lab File: VY004357.D
 Acq: 09 Apr 2021 14:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-9RE

Tgt Ion:	91	Resp:	38983
Ion	Ratio	Lower	Upper
91	100		
92	45.7	26.5	79.4
134	25.1	13.6	40.7

