

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032221\
 Data File : VY004159.D
 Acq On : 22 Mar 2021 13:21
 Operator : SY/MD
 Sample : M1756-01
 Misc : 6.91g/5mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-03-031921

Quant Time: Mar 23 01:09:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

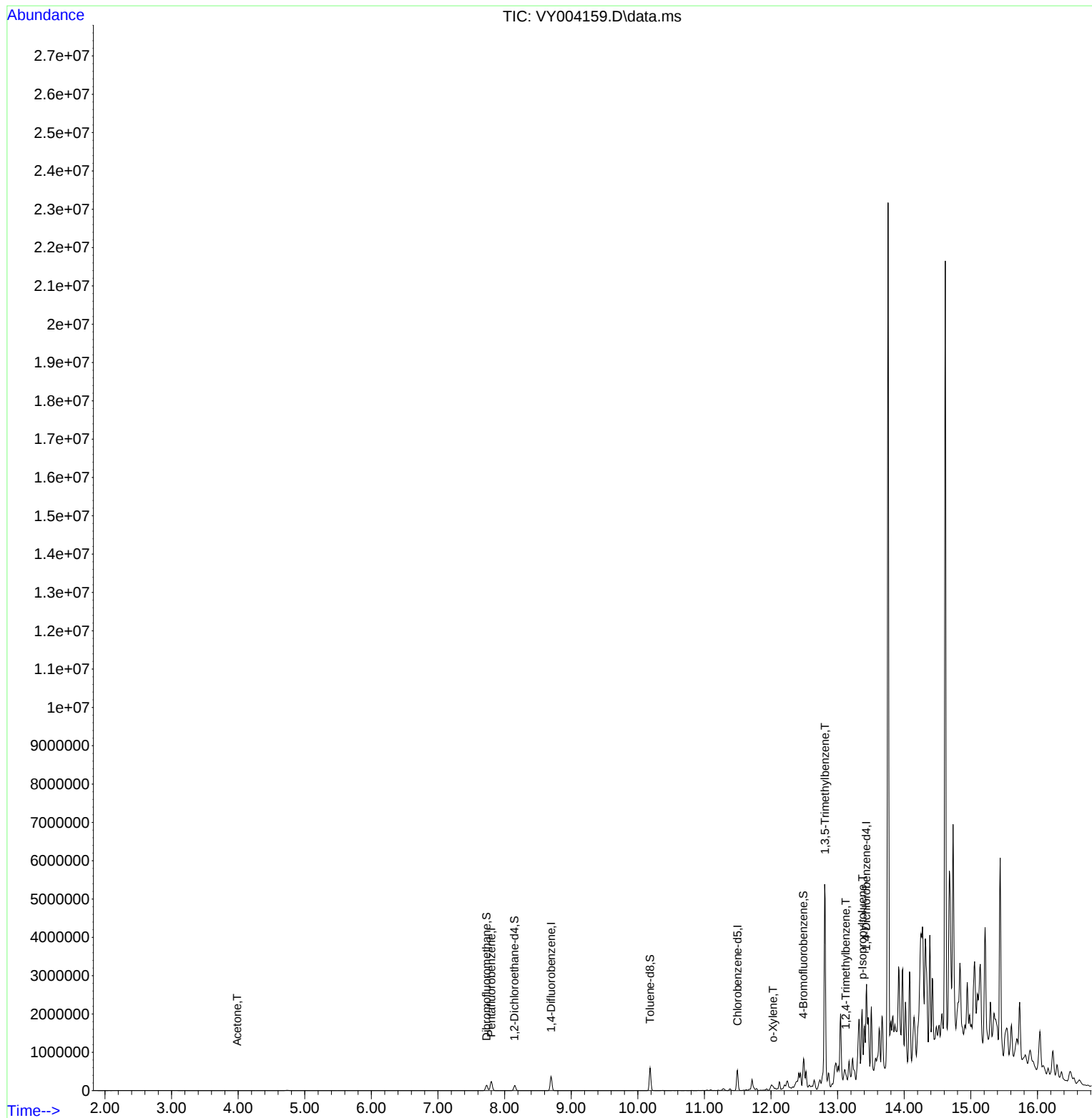
Internal Standards						
1) Pentafluorobenzene	7.801	168	186940	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	314158	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	289108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	137574	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	105343	57.10	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.20%			
35) Dibromofluoromethane	7.728	113	96911	54.70	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.40%			
50) Toluene-d8	10.185	98	370712	53.38	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.76%			
62) 4-Bromofluorobenzene	12.483	95	133247	51.95	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.90%			
Target Compounds					Qvalue	
16) Acetone	3.985	43	3423	7.69	ug/l #	88
69) o-Xylene	12.032	106	13840	3.77	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	344750	42.51	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	55550	6.84	ug/l	97
86) p-Isopropyltoluene	13.373	119	107401	12.04	ug/l	99

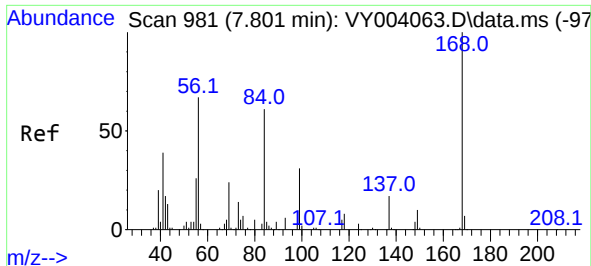
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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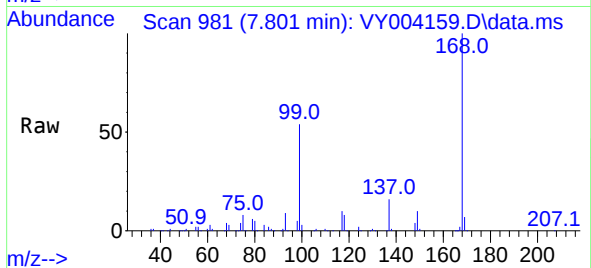
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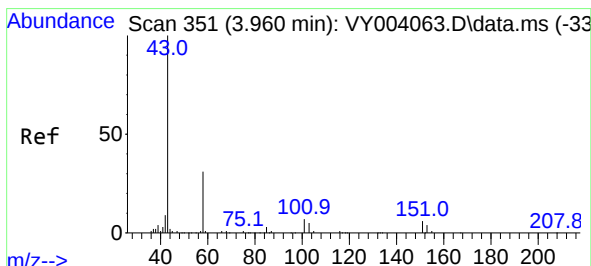
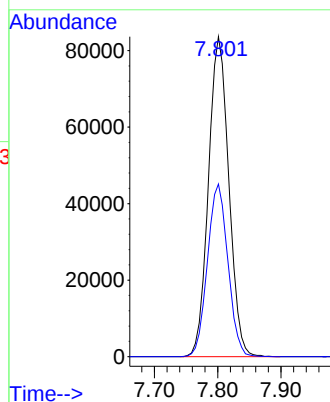
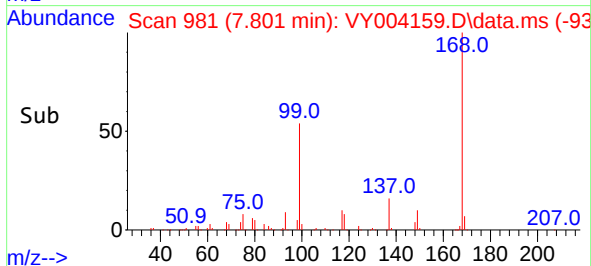


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004159.D
Acq: 22 Mar 2021 13:21

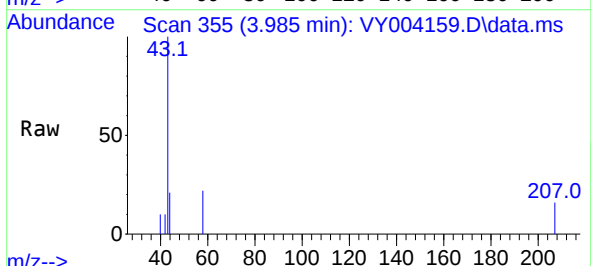
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MSVOA_Y
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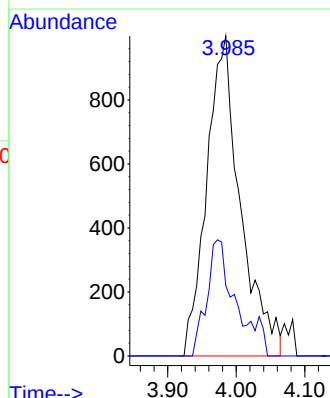
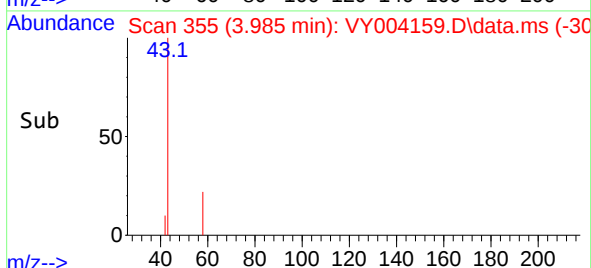
Tgt Ion:168 Resp: 186940
Ion Ratio Lower Upper
168 100
99 54.0 41.2 61.8

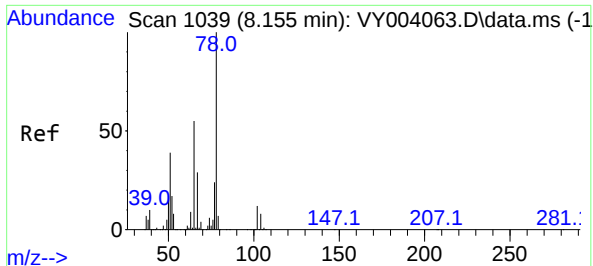


#16
Acetone
Concen: 7.69 ug/l
RT: 3.985 min Scan# 355
Delta R.T. 0.025 min
Lab File: VY004159.D
Acq: 22 Mar 2021 13:21



Tgt Ion: 43 Resp: 3423
Ion Ratio Lower Upper
43 100
58 21.9 22.6 34.0#

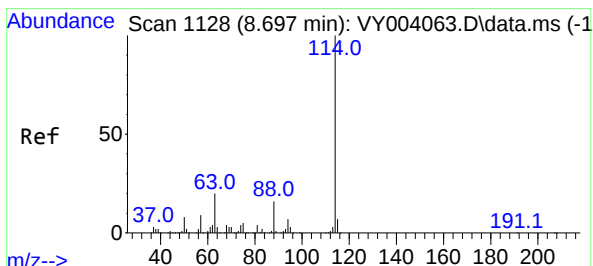
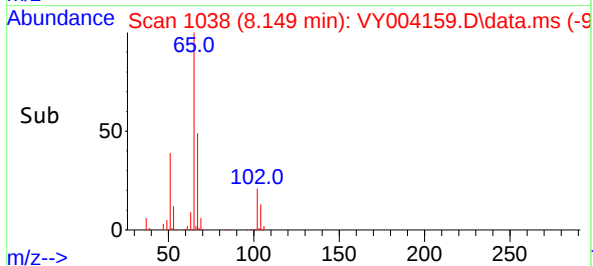
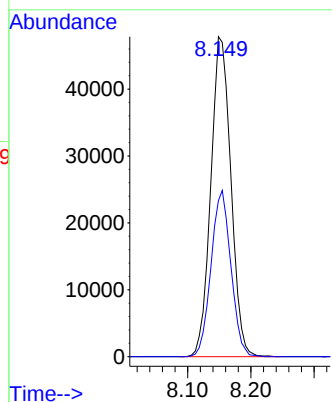
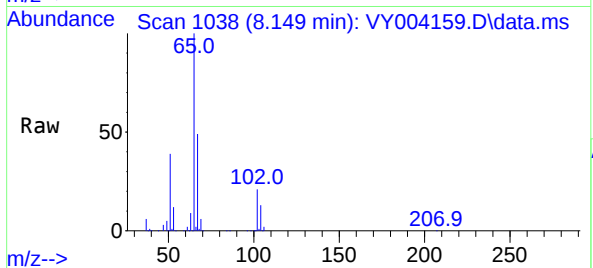




#33
1,2-Dichloroethane-d4
Concen: 57.10 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004159.D
Acq: 22 Mar 2021 13:21

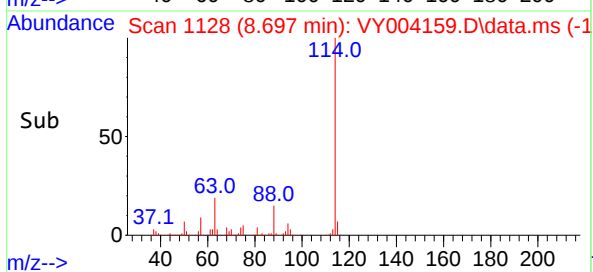
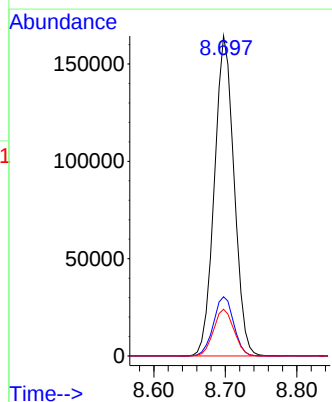
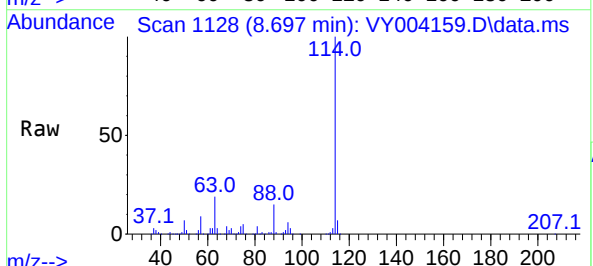
Instrument :
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ClientSampleId :
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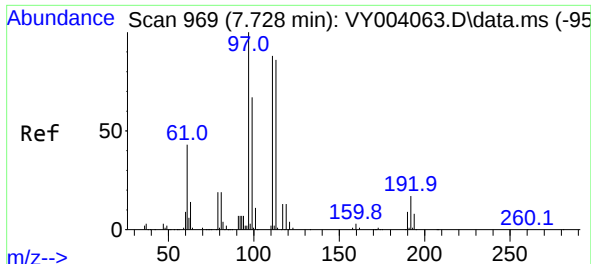
Tgt Ion: 65 Resp: 105343
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004159.D
Acq: 22 Mar 2021 13:21

Tgt Ion:114 Resp: 314158
Ion Ratio Lower Upper
114 100
63 18.5 0.0 41.6
88 14.6 0.0 31.4

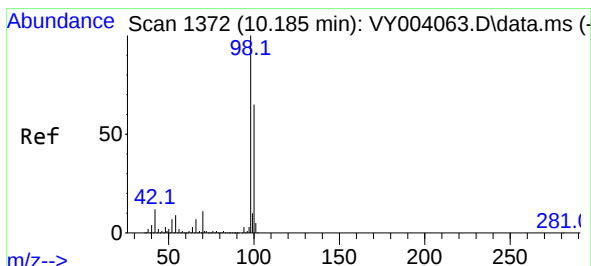
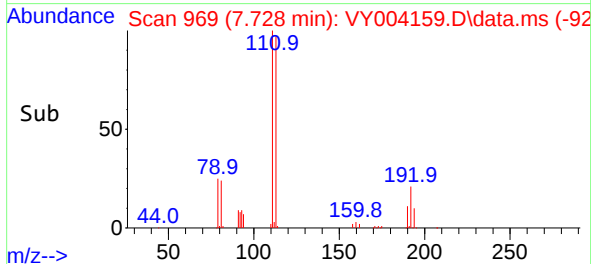
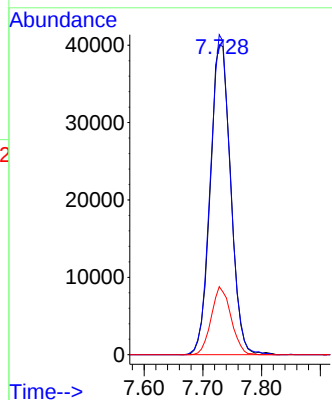
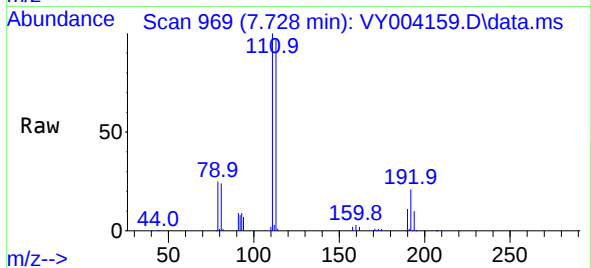




#35
Dibromofluoromethane
Concen: 54.70 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004159.D
Acq: 22 Mar 2021 13:21

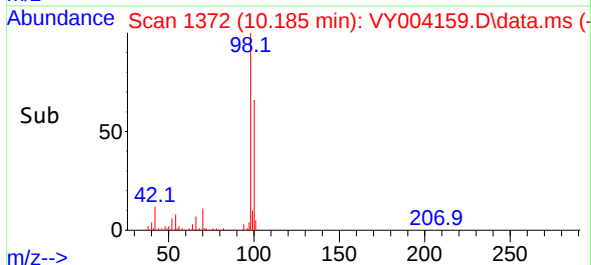
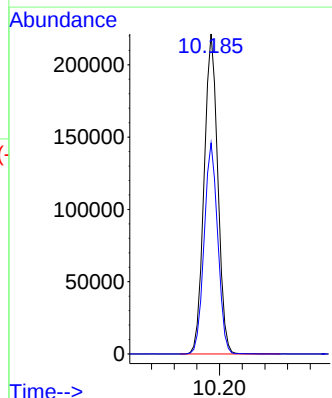
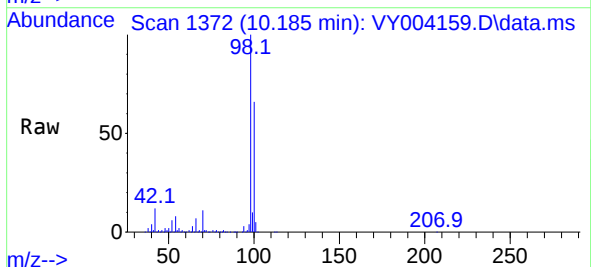
Instrument :
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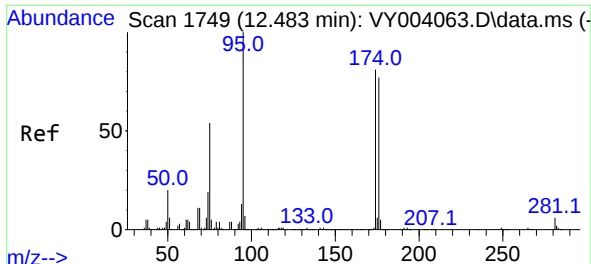
Tgt Ion:113 Resp: 96911
Ion Ratio Lower Upper
113 100
111 101.2 83.2 124.8
192 21.1 18.5 27.7



#50
Toluene-d8
Concen: 53.38 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004159.D
Acq: 22 Mar 2021 13:21

Tgt Ion: 98 Resp: 370712
Ion Ratio Lower Upper
98 100
100 65.5 51.8 77.6

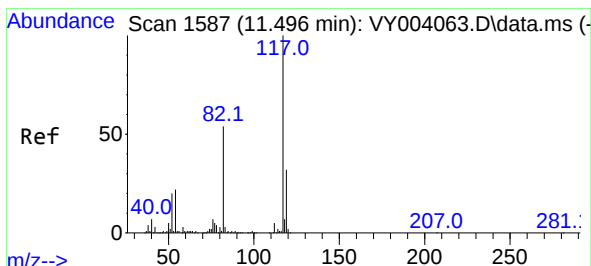
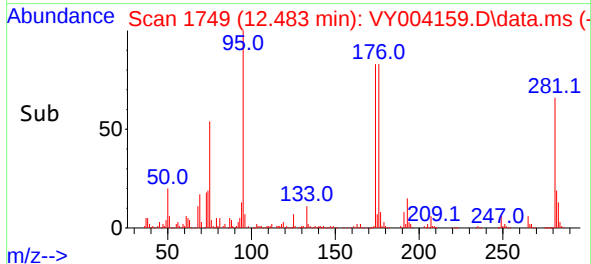
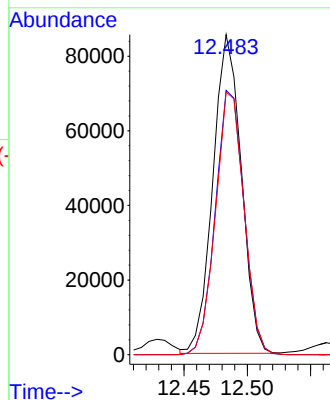
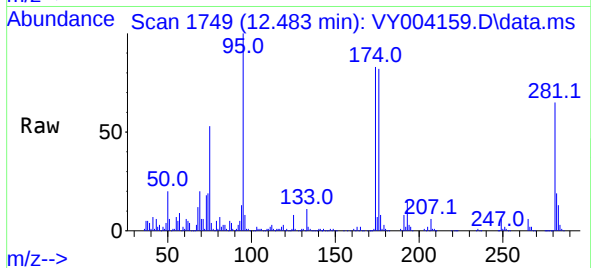




#62
4-Bromofluorobenzene
Concen: 51.95 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004159.D
Acq: 22 Mar 2021 13:21

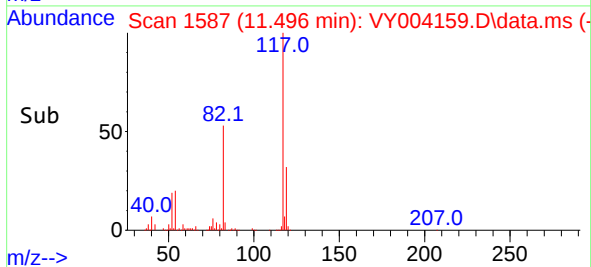
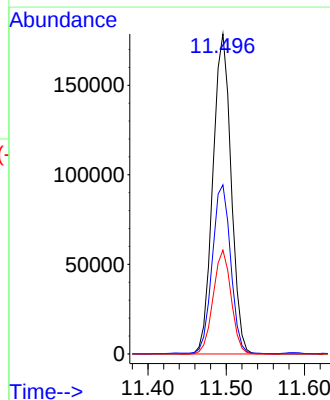
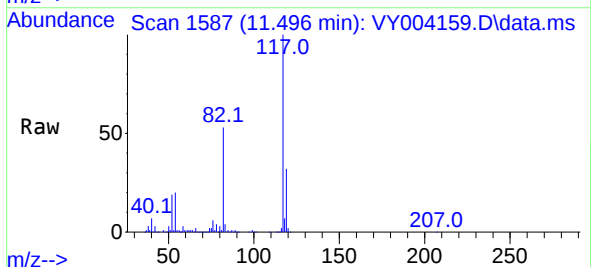
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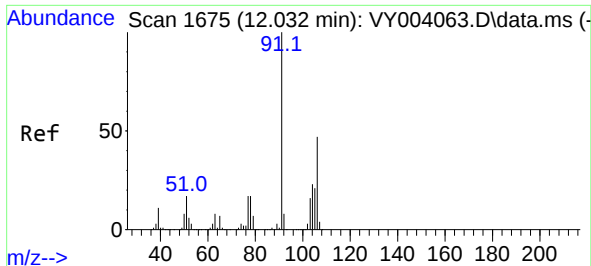
Tgt Ion: 95 Resp: 133247
Ion Ratio Lower Upper
95 100
174 83.4 0.0 179.0
176 82.8 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004159.D
Acq: 22 Mar 2021 13:21

Tgt Ion: 117 Resp: 289108
Ion Ratio Lower Upper
117 100
82 52.7 43.8 65.6
119 32.4 26.2 39.2

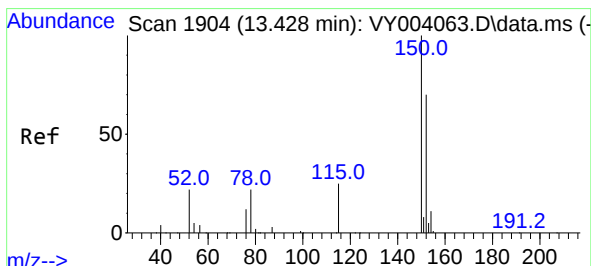
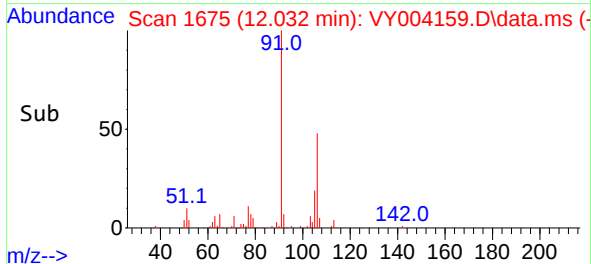
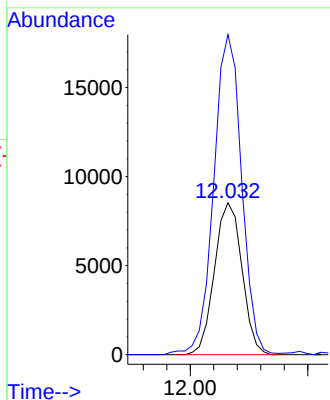
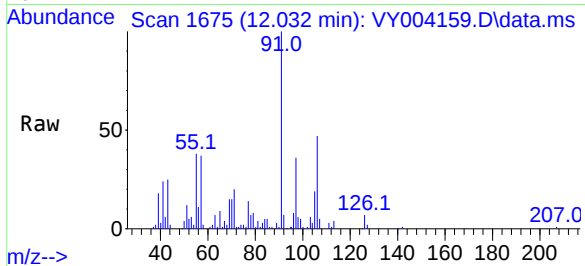




#69
o-Xylene
Concen: 3.77 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004159.D
Acq: 22 Mar 2021 13:21

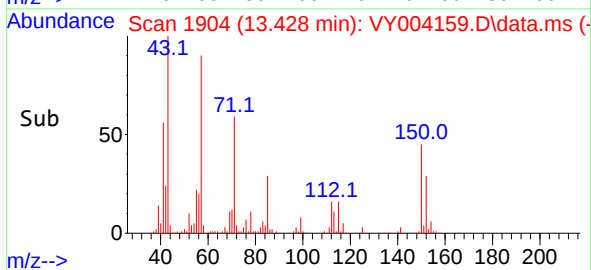
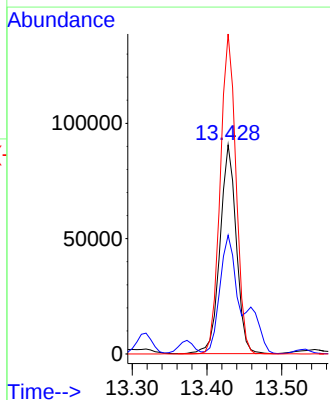
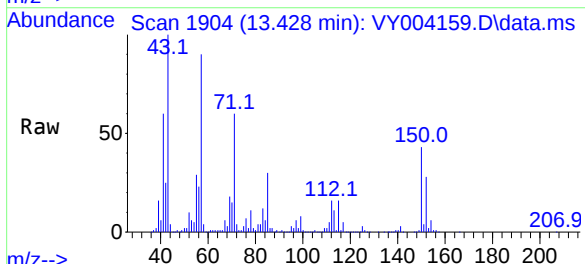
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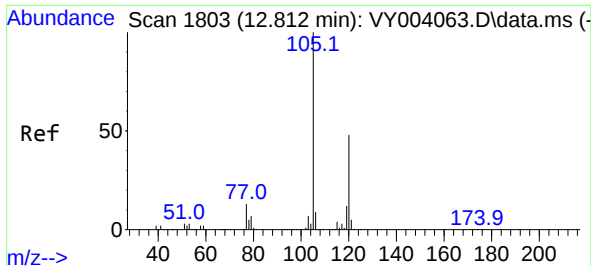
Tgt Ion:106 Resp: 13840
Ion Ratio Lower Upper
106 100
91 214.2 108.9 326.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004159.D
Acq: 22 Mar 2021 13:21

Tgt Ion:152 Resp: 137574
Ion Ratio Lower Upper
152 100
115 77.0 28.2 84.6
150 148.3 0.0 347.2

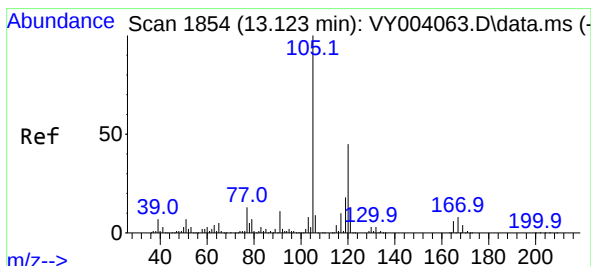
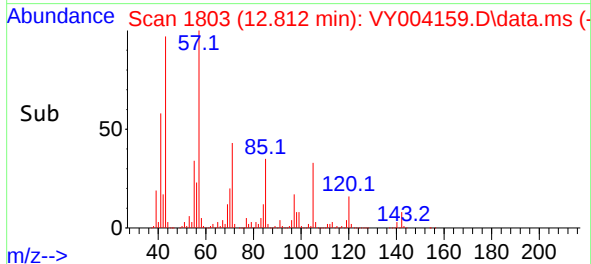
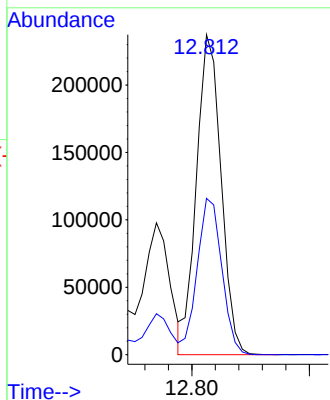
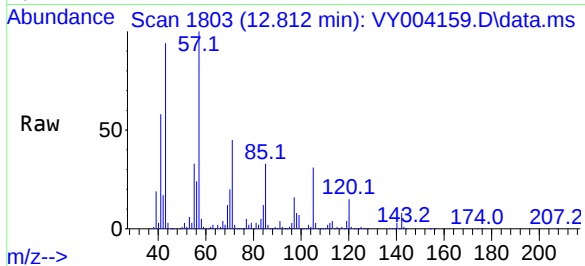




#80
1,3,5-Trimethylbenzene
Concen: 42.51 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY004159.D
Acq: 22 Mar 2021 13:21

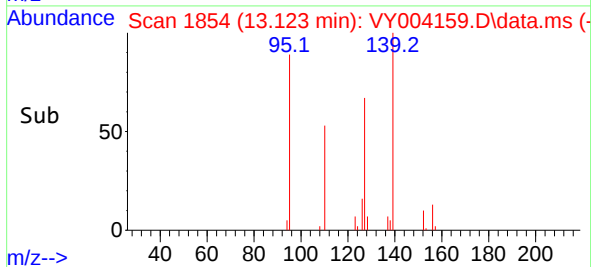
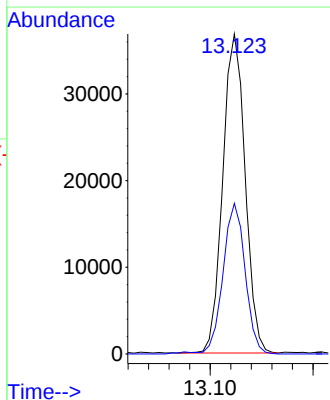
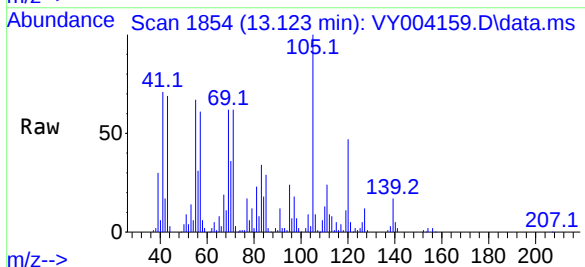
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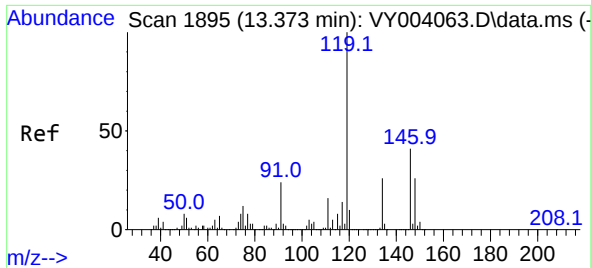
Tgt Ion:105 Resp: 344750
Ion Ratio Lower Upper
105 100
120 49.2 24.1 72.2



#84
1,2,4-Trimethylbenzene
Concen: 6.84 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004159.D
Acq: 22 Mar 2021 13:21

Tgt Ion:105 Resp: 55550
Ion Ratio Lower Upper
105 100
120 46.4 22.1 66.3





#86
 p-Isopropyltoluene
 Concen: 12.04 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY004159.D
 Acq: 22 Mar 2021 13:21

Instrument :
 MSVOA_Y
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Tgt Ion:119 Resp: 107401
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.2 39.5
 91 24.4 12.1 36.3

