

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032421\
 Data File : VY004190.D
 Acq On : 24 Mar 2021 17:09
 Operator : SY/MD
 Sample : M1792-04
 Misc : 5.66g/5mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6

Quant Time: Mar 25 01:21:13 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)

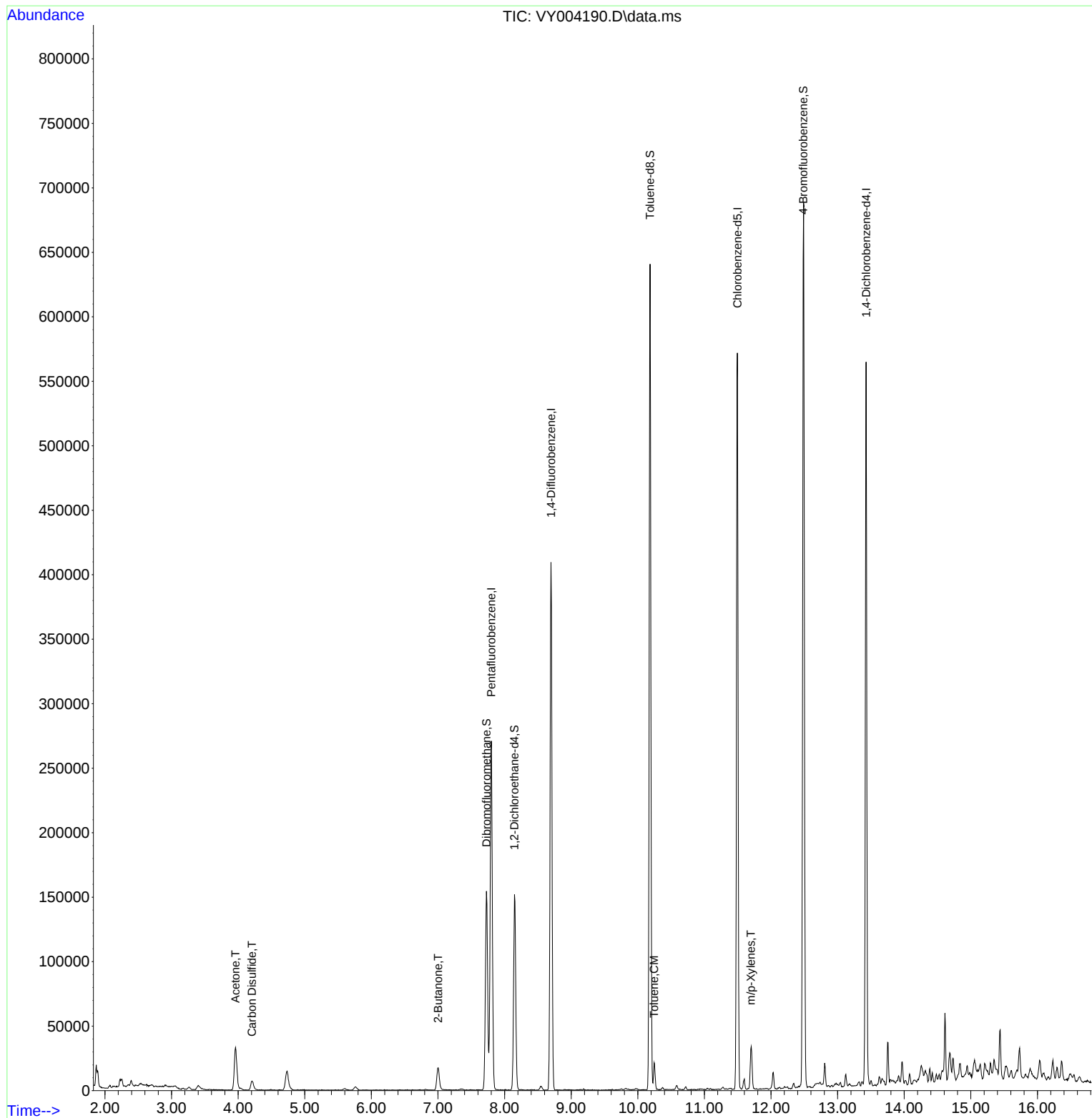
Internal Standards						
1) Pentafluorobenzene	7.801	168	214787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	352371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	311533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136502	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	117911	55.63	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.26%
35) Dibromofluoromethane	7.728	113	105454	53.07	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.14%
50) Toluene-d8	10.185	98	413019	53.02	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.04%
62) 4-Bromofluorobenzene	12.483	95	139876	48.62	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.24%
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	57309	112.01	ug/l	94
17) Carbon Disulfide	4.204	76	12089	2.18	ug/l	99
25) 2-Butanone	7.003	43	29152	39.53	ug/l	96
52) Toluene	10.246	92	8201	1.45	ug/l	100
68) m/p-Xylenes	11.697	106	10281	2.46	ug/l	92

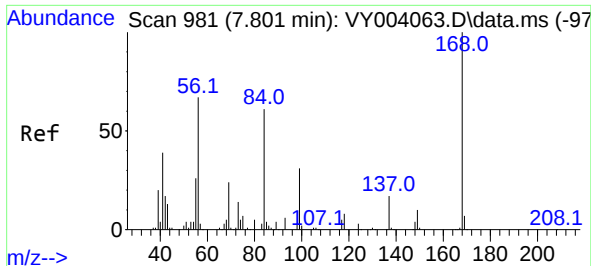
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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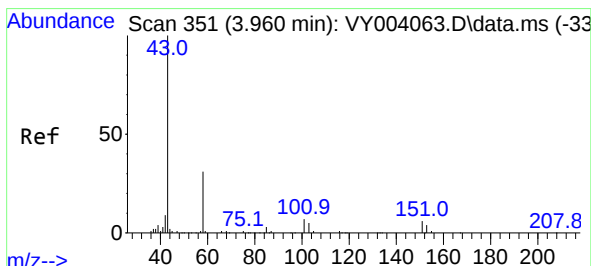
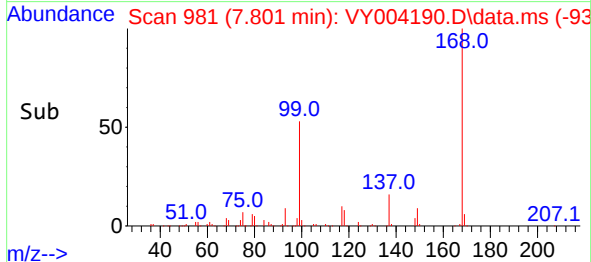
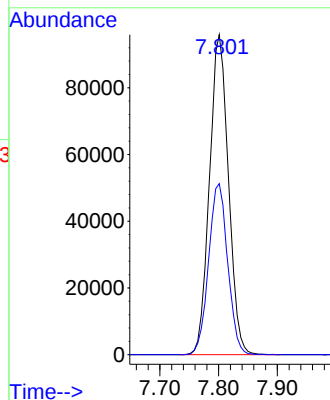
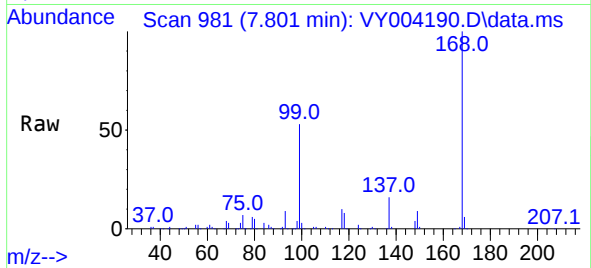




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004190.D
Acq: 24 Mar 2021 17:09

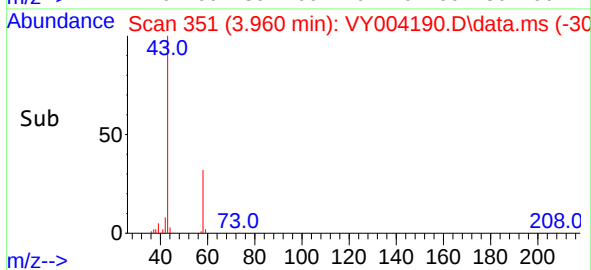
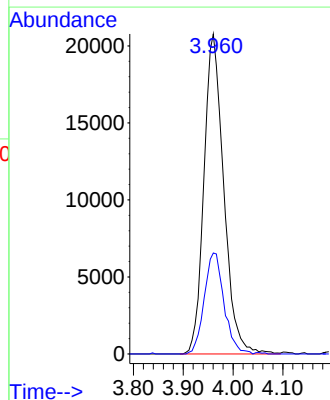
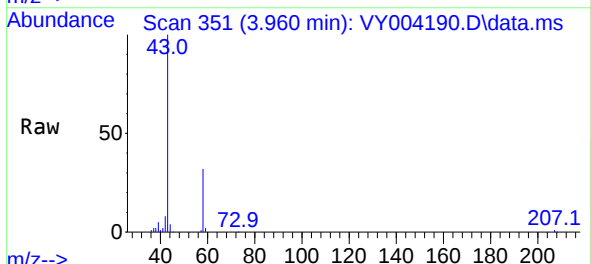
Instrument :
MSVOA_Y
ClientSampled :
TP-6

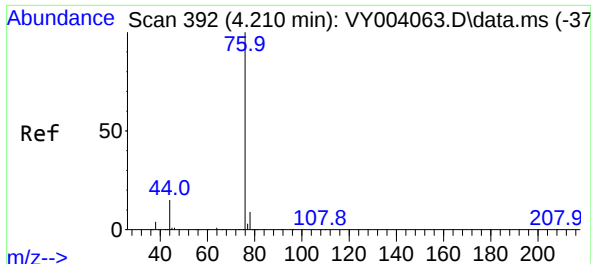
Tgt Ion:168 Resp: 214787
Ion Ratio Lower Upper
168 100
99 53.4 41.2 61.8



#16
Acetone
Concen: 112.01 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004190.D
Acq: 24 Mar 2021 17:09

Tgt Ion: 43 Resp: 57309
Ion Ratio Lower Upper
43 100
58 31.6 22.6 34.0

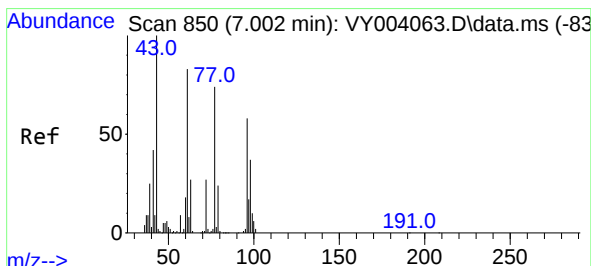
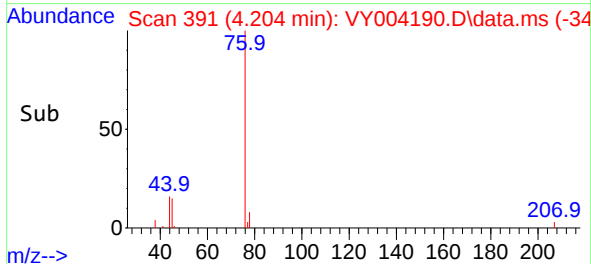
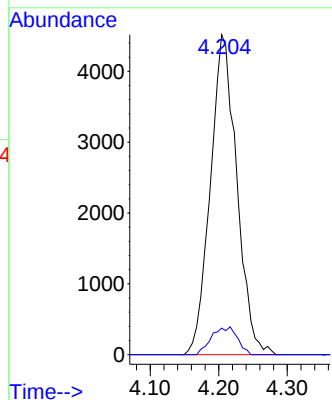
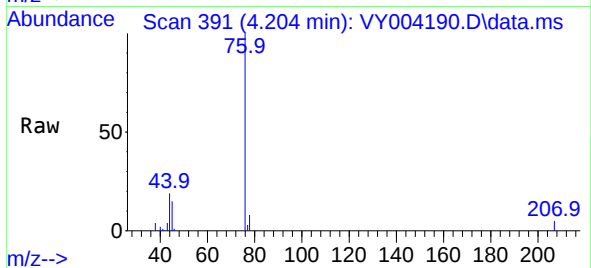




#17
Carbon Disulfide
Concen: 2.18 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY004190.D
Acq: 24 Mar 2021 17:09

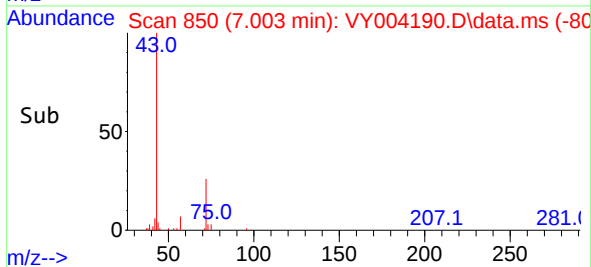
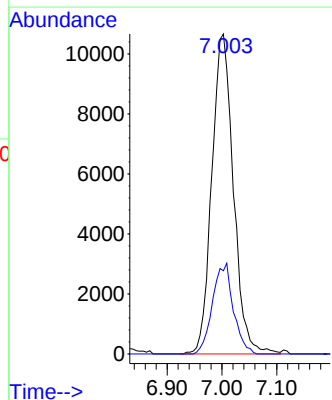
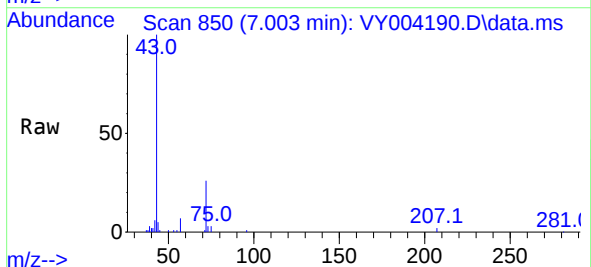
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

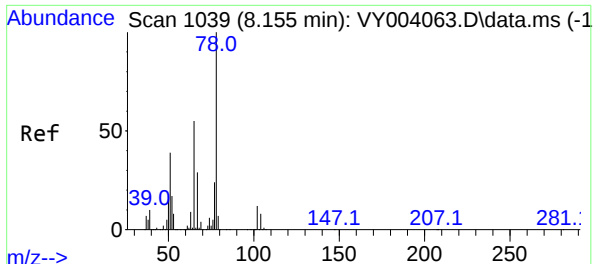
Tgt Ion: 76 Resp: 12089
Ion Ratio Lower Upper
76 100
78 8.3 6.8 10.2



#25
2-Butanone
Concen: 39.53 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.001 min
Lab File: VY004190.D
Acq: 24 Mar 2021 17:09

Tgt Ion: 43 Resp: 29152
Ion Ratio Lower Upper
43 100
72 26.0 19.4 29.0

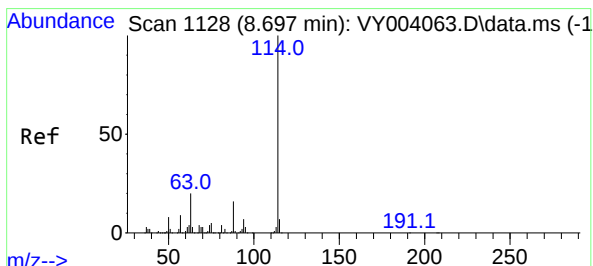
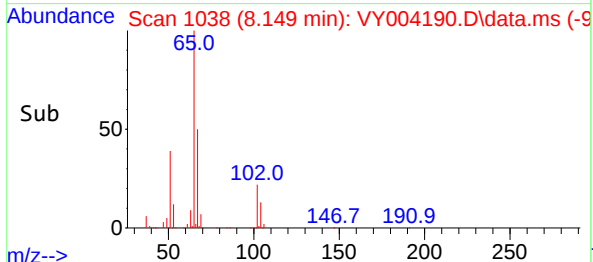
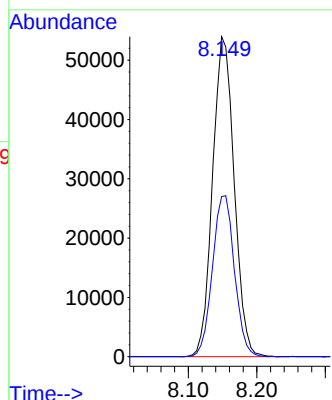
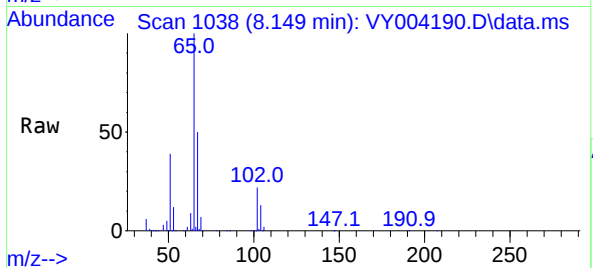




#33
1,2-Dichloroethane-d4
Concen: 55.63 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004190.D
Acq: 24 Mar 2021 17:09

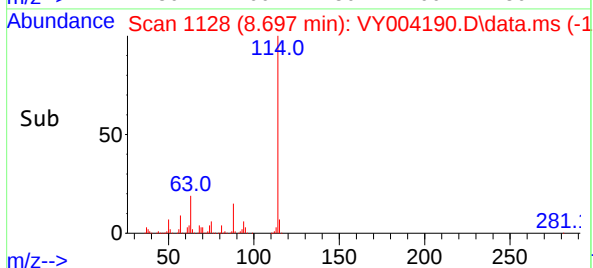
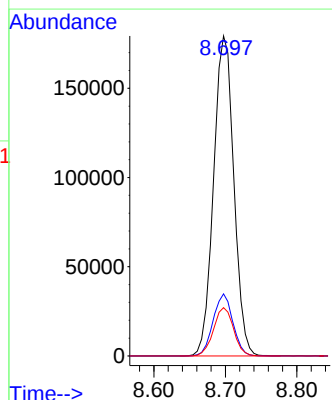
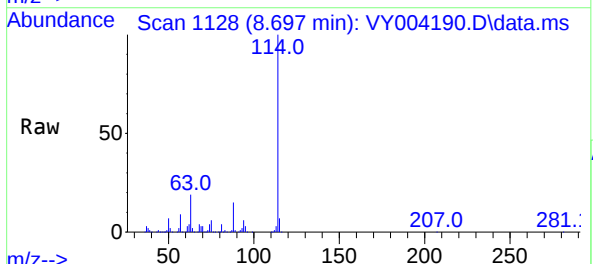
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

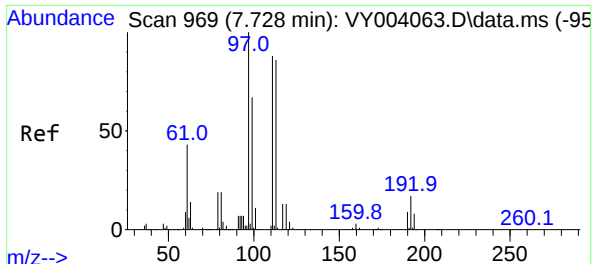
Tgt Ion: 65 Resp: 117911
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004190.D
Acq: 24 Mar 2021 17:09

Tgt Ion:114 Resp: 352371
Ion Ratio Lower Upper
114 100
63 19.4 0.0 41.6
88 15.1 0.0 31.4

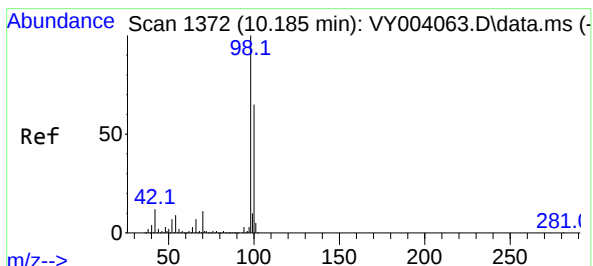
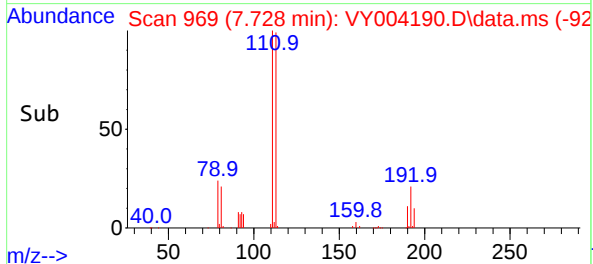
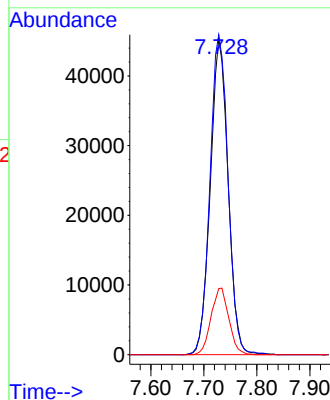
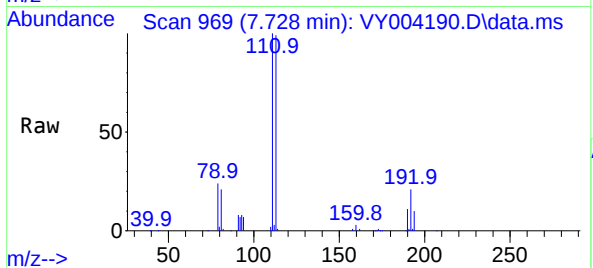




#35
Dibromofluoromethane
Concen: 53.07 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004190.D
Acq: 24 Mar 2021 17:09

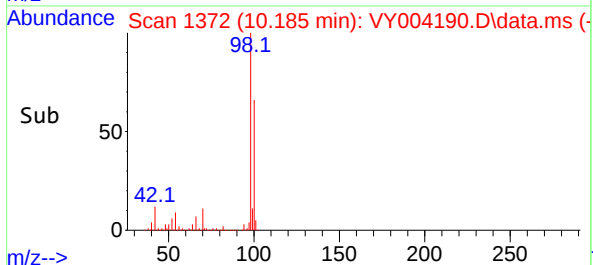
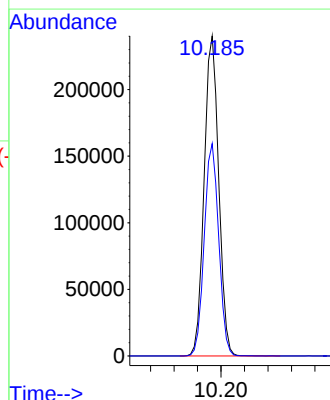
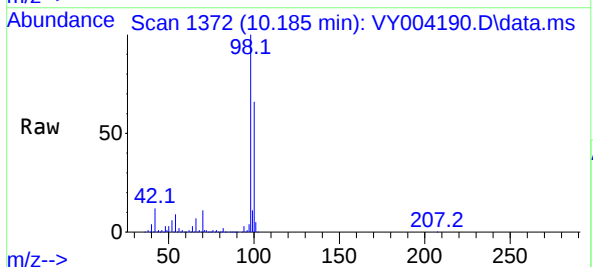
Instrument :
MSVOA_Y
ClientSampled :
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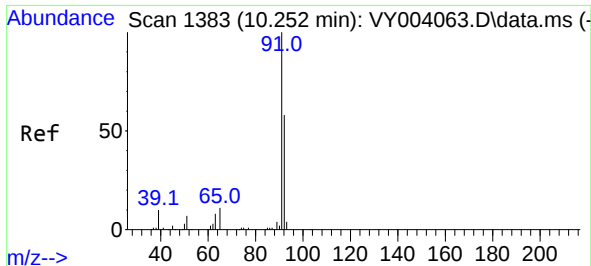
Tgt Ion:113 Resp: 105454
Ion Ratio Lower Upper
113 100
111 103.2 83.2 124.8
192 21.1 18.5 27.7



#50
Toluene-d8
Concen: 53.02 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004190.D
Acq: 24 Mar 2021 17:09

Tgt Ion: 98 Resp: 413019
Ion Ratio Lower Upper
98 100
100 65.9 51.8 77.6

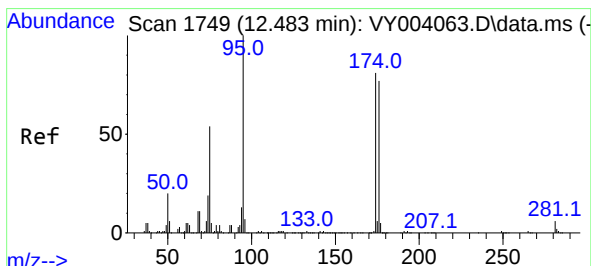
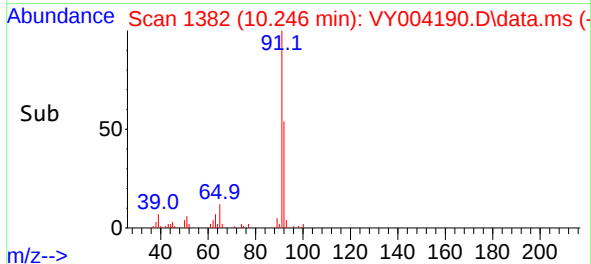
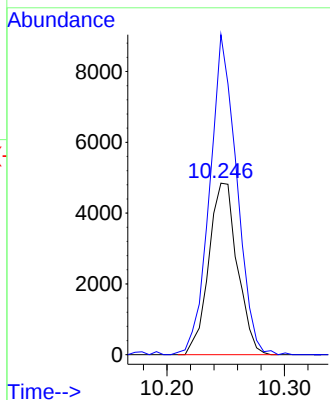
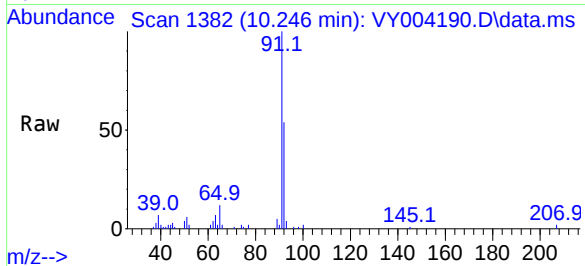




#52
Toluene
Concen: 1.45 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VY004190.D
Acq: 24 Mar 2021 17:09

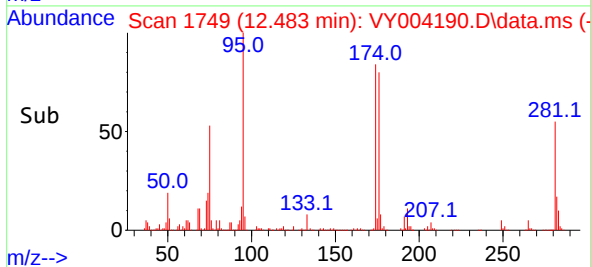
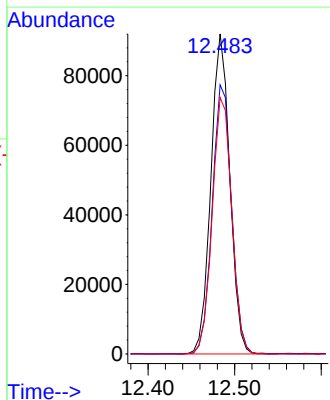
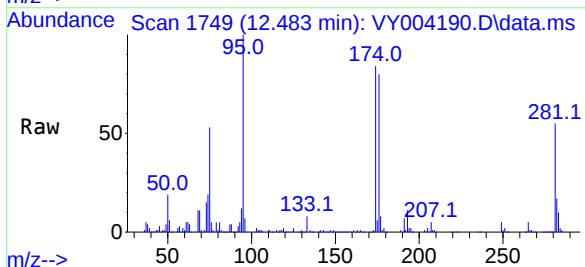
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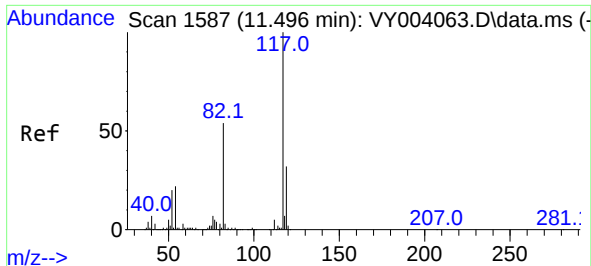
Tgt Ion: 92 Resp: 8201
Ion Ratio Lower Upper
92 100
91 176.1 141.0 211.4



#62
4-Bromofluorobenzene
Concen: 48.62 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004190.D
Acq: 24 Mar 2021 17:09

Tgt Ion: 95 Resp: 139876
Ion Ratio Lower Upper
95 100
174 85.6 0.0 179.0
176 82.5 0.0 174.4

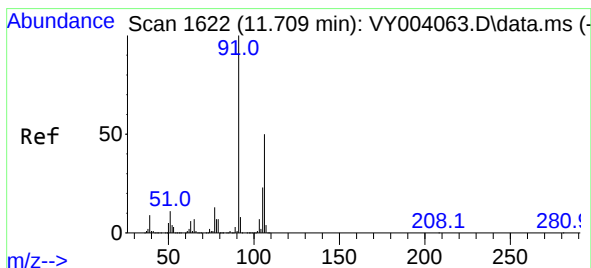
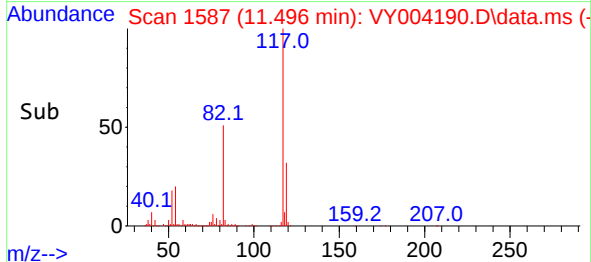
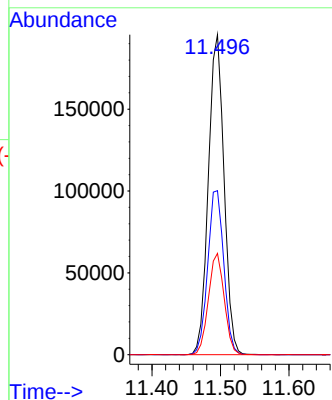
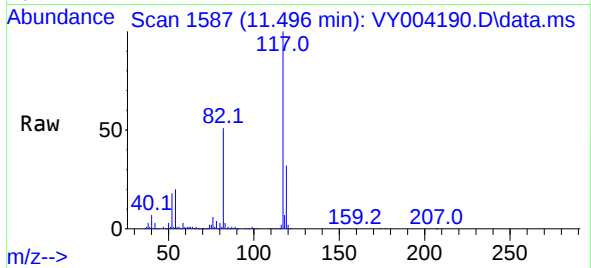




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004190.D
Acq: 24 Mar 2021 17:09

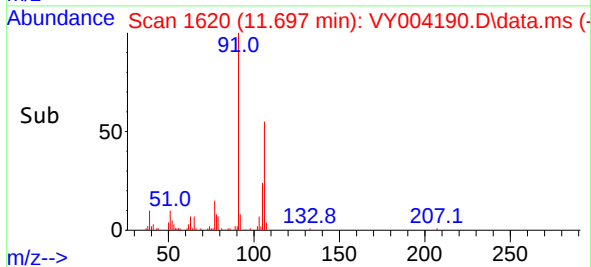
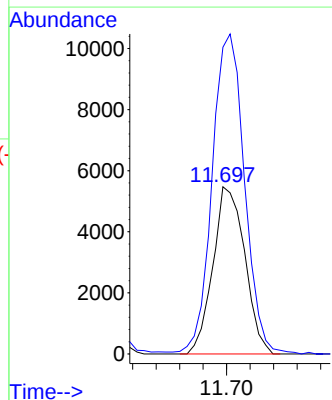
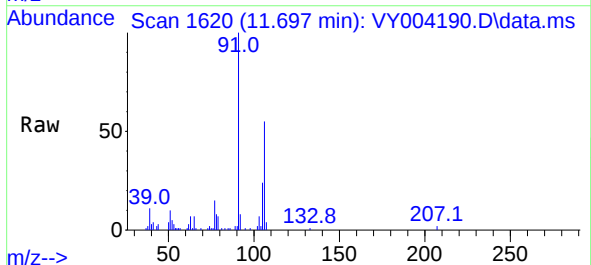
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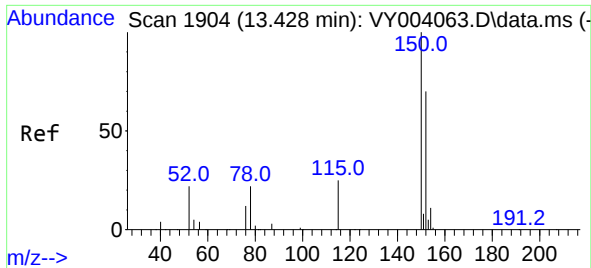
Tgt Ion:	117	Resp:	311533
Ion	Ratio	Lower	Upper
117	100		
82	51.2	43.8	65.6
119	31.6	26.2	39.2



#68
m/p-Xylenes
Concen: 2.46 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.012 min
Lab File: VY004190.D
Acq: 24 Mar 2021 17:09

Tgt Ion:	106	Resp:	10281
Ion	Ratio	Lower	Upper
106	100		
91	195.0	165.4	248.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004190.D
 Acq: 24 Mar 2021 17:09

Instrument :
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Tgt Ion:152 Resp: 136502
 Ion Ratio Lower Upper
 152 100
 115 58.4 28.2 84.6
 150 157.0 0.0 347.2

