

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060321\
 Data File : VY004941.D
 Acq On : 03 Jun 2021 16:59
 Operator : SY/MD
 Sample : M2589-11
 Misc : 4.79G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B10(0-2)

Quant Time: Jun 04 01:17:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

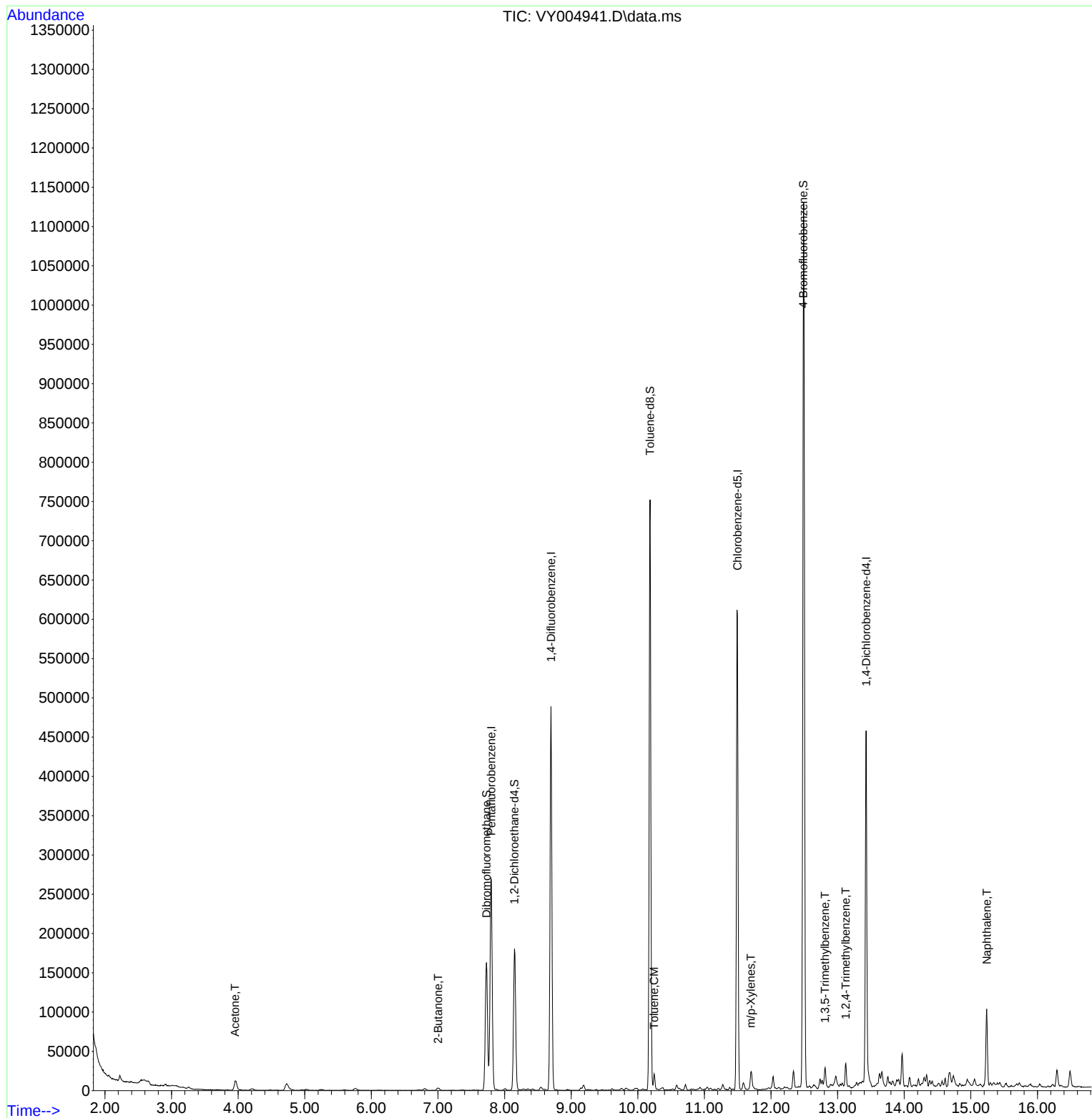
Internal Standards						
1) Pentafluorobenzene	7.801	168	202364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	389743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	327080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107894	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	137575	64.307	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.620%	
35) Dibromofluoromethane	7.728	113	115375	55.023	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.040%	
50) Toluene-d8	10.185	98	475618	54.615	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.220%	
62) 4-Bromofluorobenzene	12.483	95	133765	44.662	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.320%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	21761	42.255	ug/l	98
25) 2-Butanone	7.002	43	5606	6.474	ug/l	97
52) Toluene	10.246	92	7055	1.068	ug/l	94
68) m/p-Xylenes	11.697	106	6674	1.487	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	8476	1.261	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	15580	2.332	ug/l	94
95) Naphthalene	15.239	128	75744	17.912	ug/l	99

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

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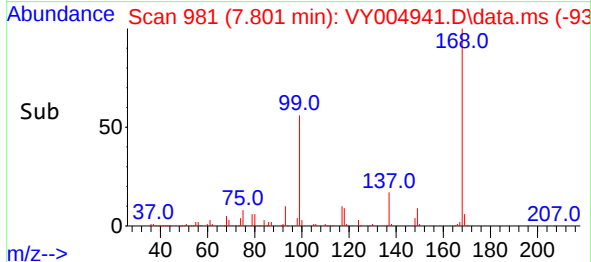
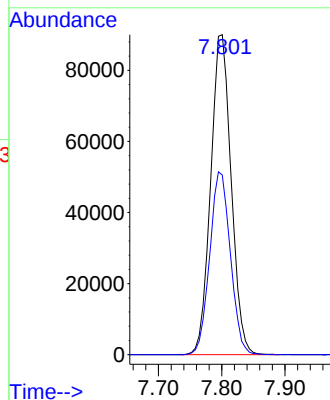
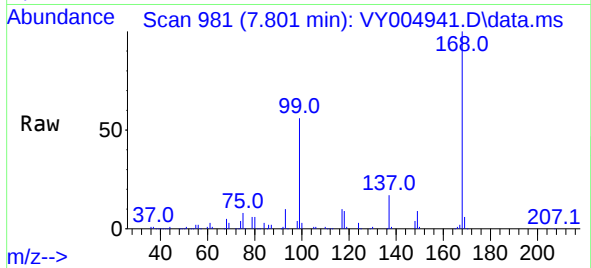




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004941.D
Acq: 03 Jun 2021 16:59

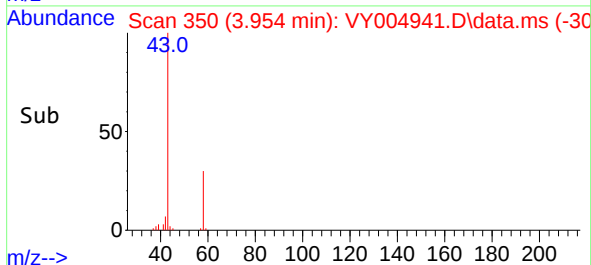
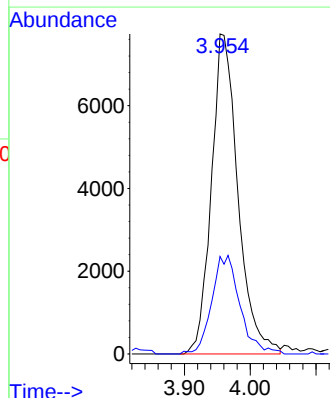
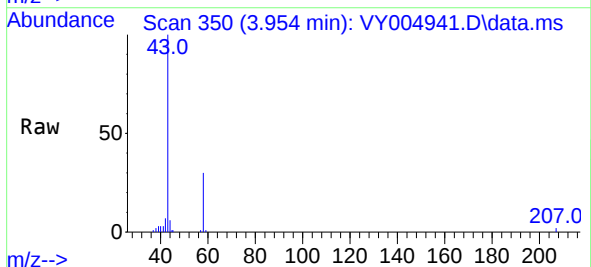
Instrument :
MSVOA_Y
ClientSampleId :
18-B10(0-2)

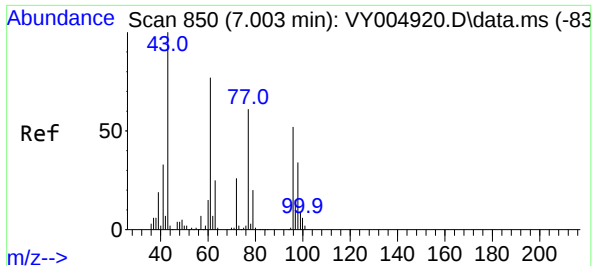
Tgt Ion:168 Resp: 202364
Ion Ratio Lower Upper
168 100
99 56.2 43.9 65.9



#16
Acetone
Concen: 42.255 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004941.D
Acq: 03 Jun 2021 16:59

Tgt Ion: 43 Resp: 21761
Ion Ratio Lower Upper
43 100
58 30.4 25.3 37.9

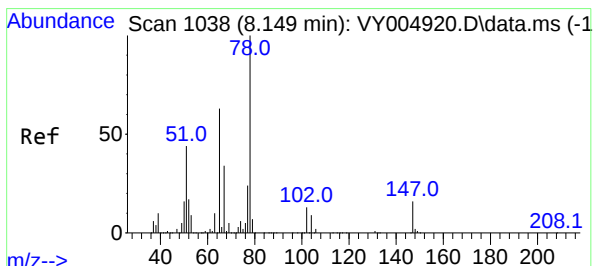
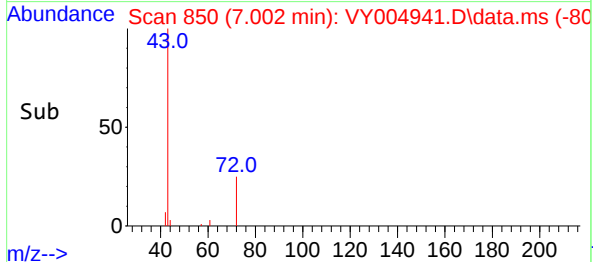
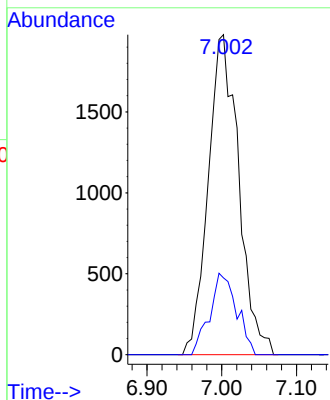
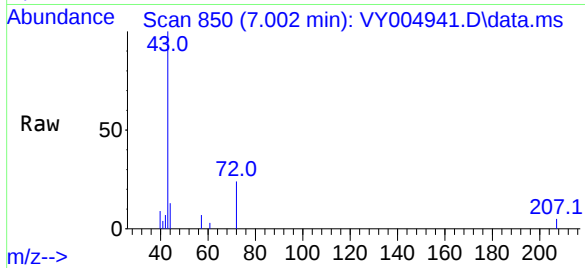




#25
2-Butanone
Concen: 6.474 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY004941.D
Acq: 03 Jun 2021 16:59

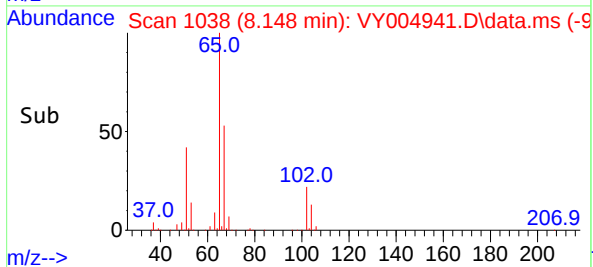
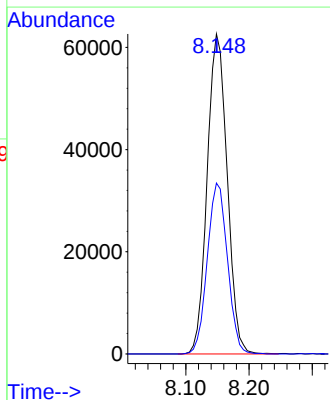
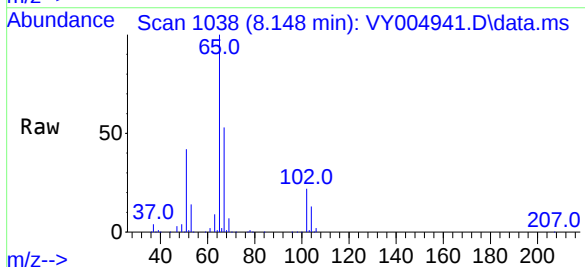
Instrument :
MSVOA_Y
ClientSampleId :
18-B10(0-2)

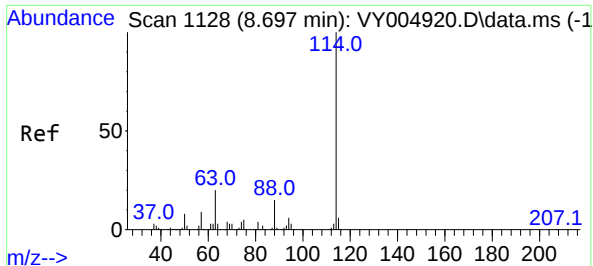
Tgt Ion: 43 Resp: 5606
Ion Ratio Lower Upper
43 100
72 24.0 20.6 31.0



#33
1,2-Dichloroethane-d4
Concen: 64.307 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004941.D
Acq: 03 Jun 2021 16:59

Tgt Ion: 65 Resp: 137575
Ion Ratio Lower Upper
65 100
67 53.8 0.0 110.6

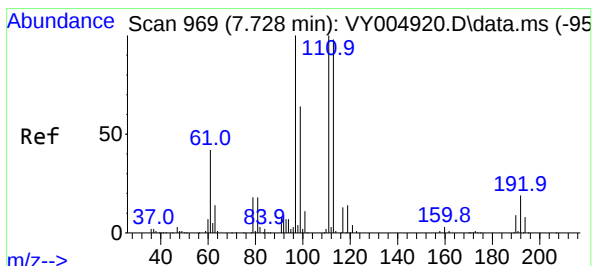
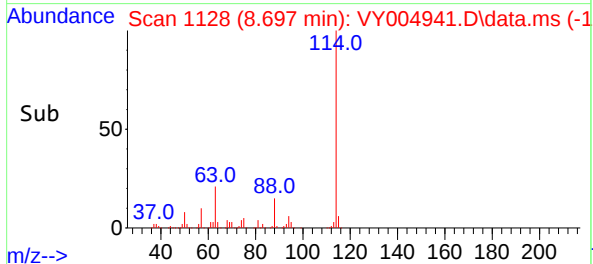
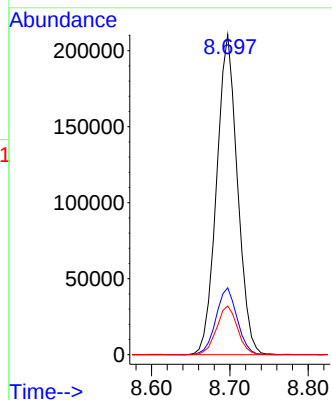
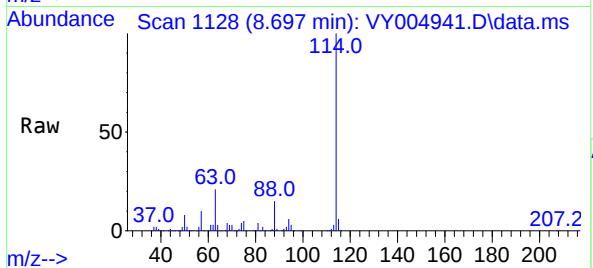




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004941.D
Acq: 03 Jun 2021 16:59

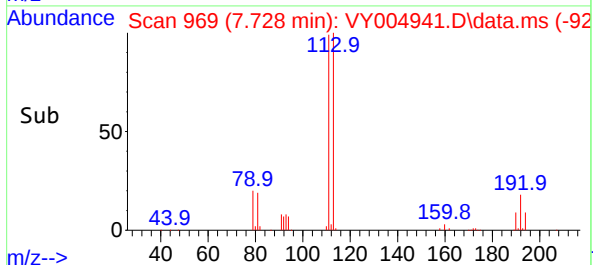
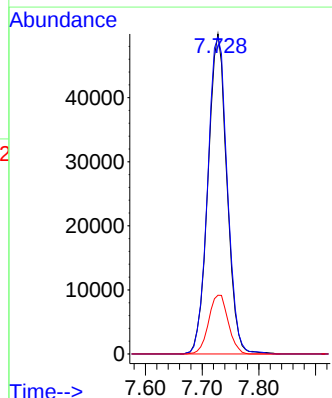
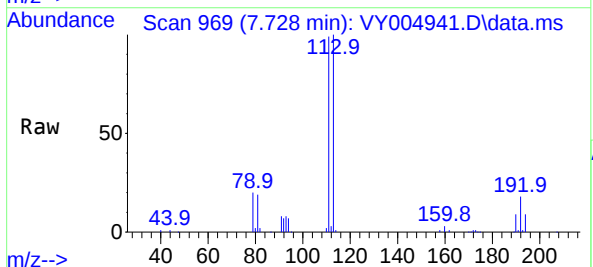
Instrument :
MSVOA_Y
ClientSampleId :
18-B10(0-2)

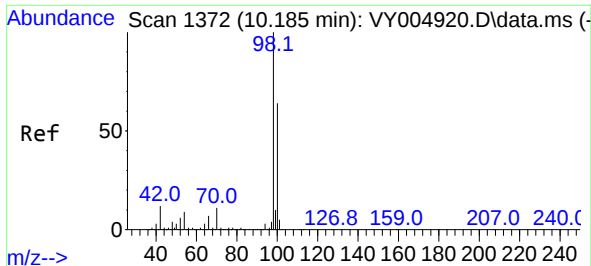
Tgt Ion:114 Resp: 389743
Ion Ratio Lower Upper
114 100
63 20.9 0.0 41.0
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.023 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004941.D
Acq: 03 Jun 2021 16:59

Tgt Ion:113 Resp: 115375
Ion Ratio Lower Upper
113 100
111 102.8 81.8 122.8
192 19.1 15.3 22.9

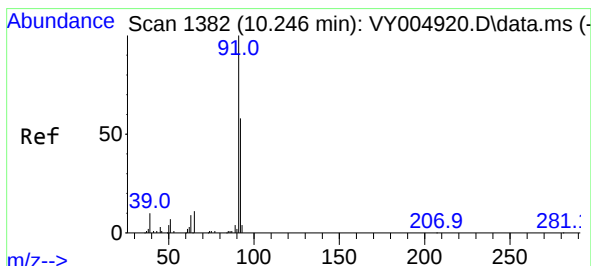
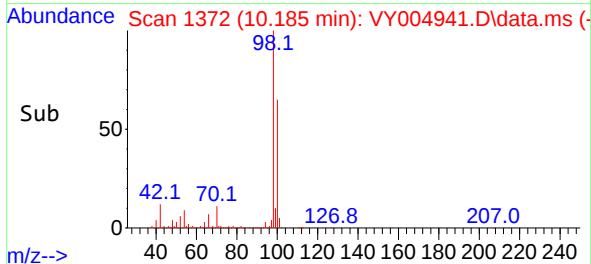
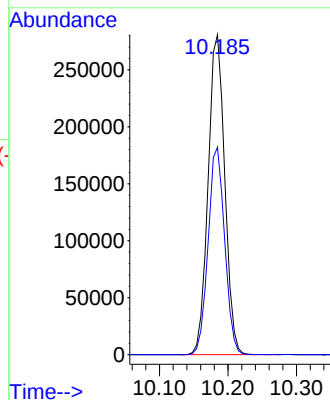
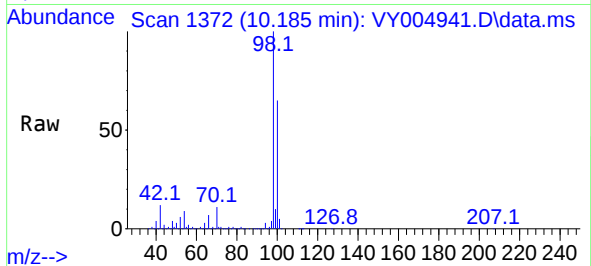




#50
Toluene-d8
Concen: 54.615 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004941.D
Acq: 03 Jun 2021 16:59

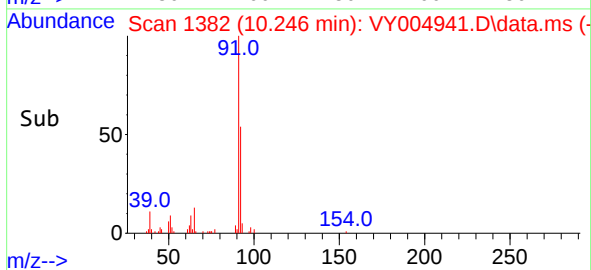
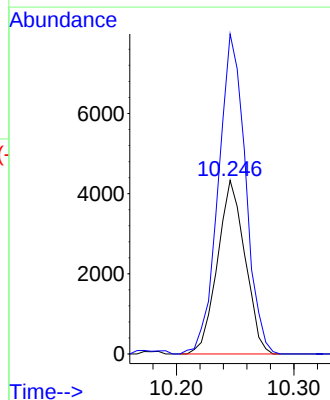
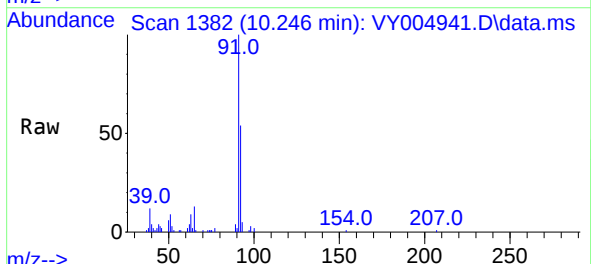
Instrument :
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ClientSampleId :
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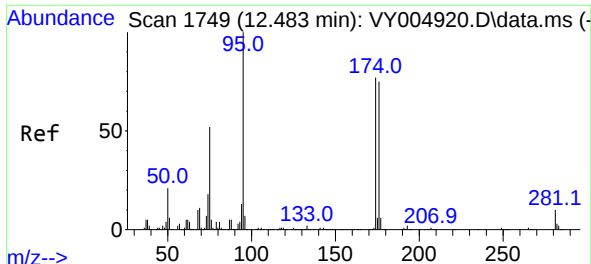
Tgt Ion: 98 Resp: 475618
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#52
Toluene
Concen: 1.068 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY004941.D
Acq: 03 Jun 2021 16:59

Tgt Ion: 92 Resp: 7055
Ion Ratio Lower Upper
92 100
91 182.0 139.3 208.9



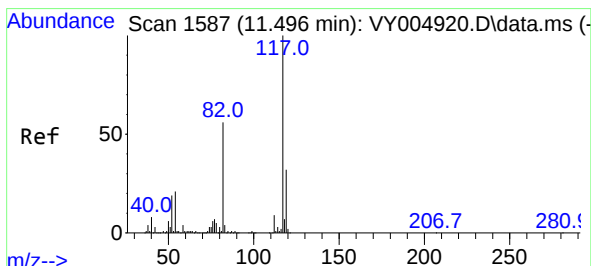
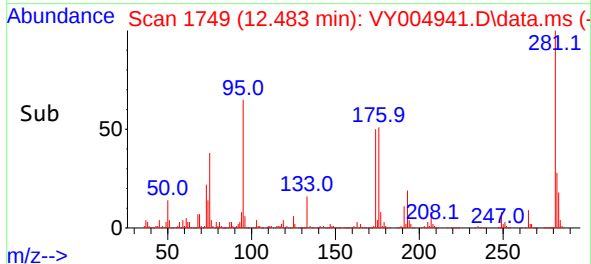
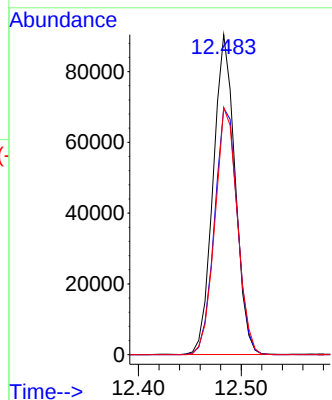
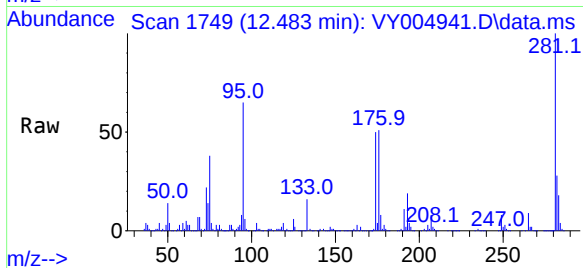


#62
4-Bromofluorobenzene
Concen: 44.662 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004941.D
Acq: 03 Jun 2021 16:59

Instrument :
MSVOA_Y
ClientSampleId :
18-B10(0-2)

Tgt Ion: 95 Resp: 133765

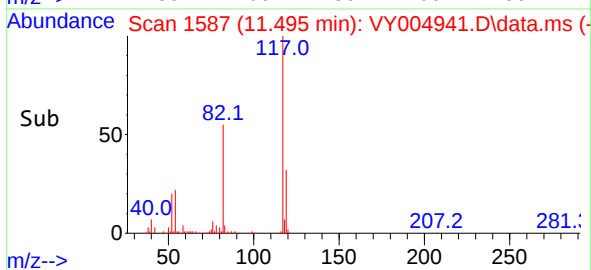
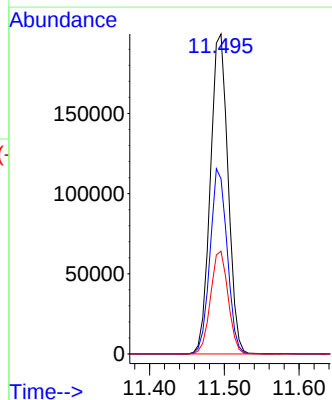
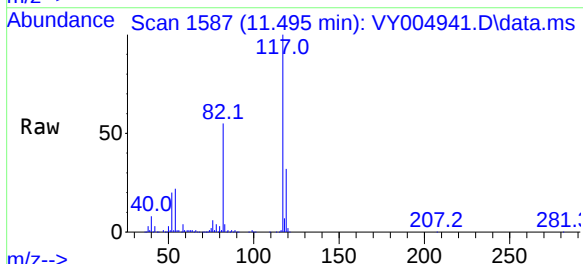
Ion	Ratio	Lower	Upper
95	100		
174	80.3	0.0	160.8
176	79.0	0.0	155.6

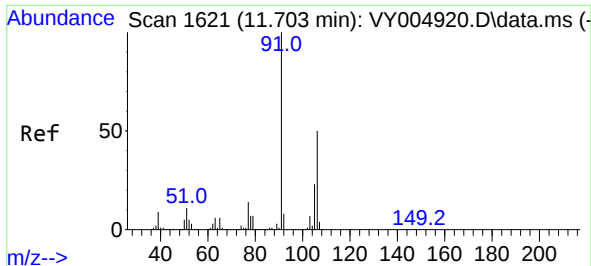


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004941.D
Acq: 03 Jun 2021 16:59

Tgt Ion: 117 Resp: 327080

Ion	Ratio	Lower	Upper
117	100		
82	54.7	44.8	67.2
119	32.1	25.2	37.8

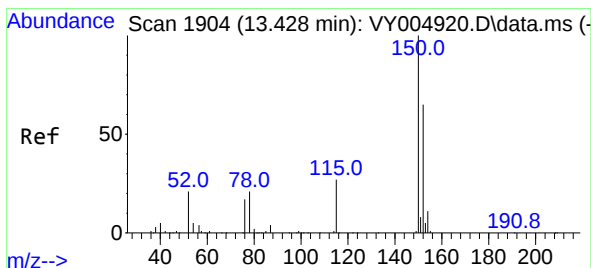
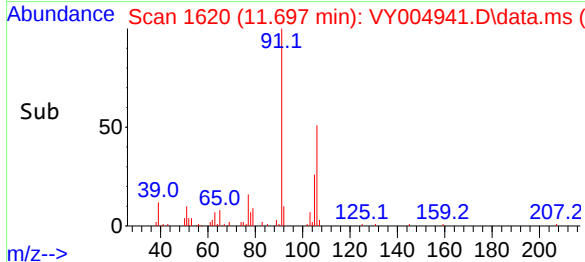
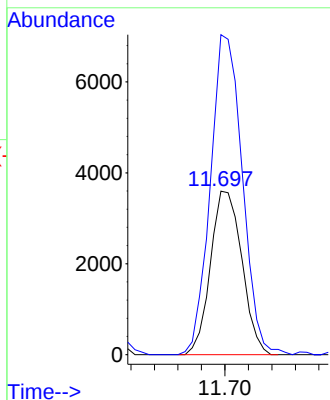
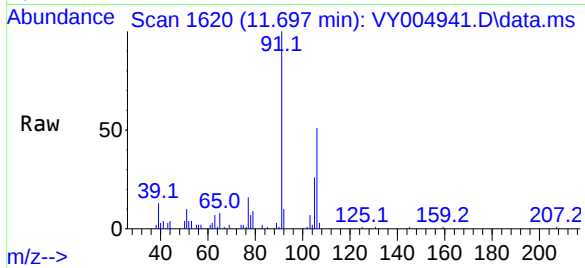




#68
m/p-Xylenes
Concen: 1.487 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY004941.D
Acq: 03 Jun 2021 16:59

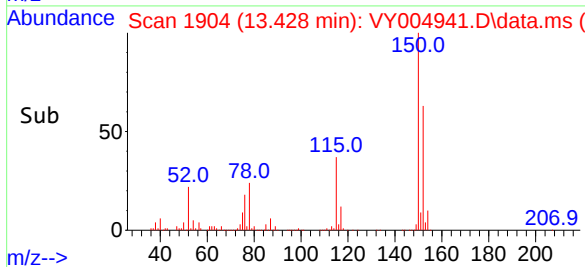
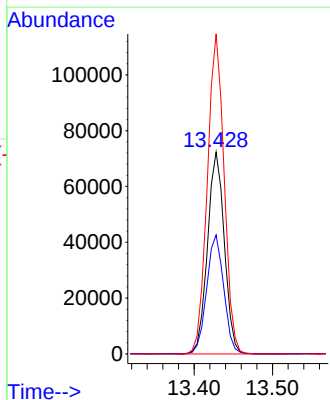
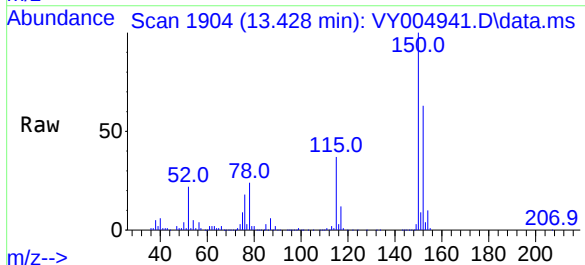
Instrument :
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18-B10(0-2)

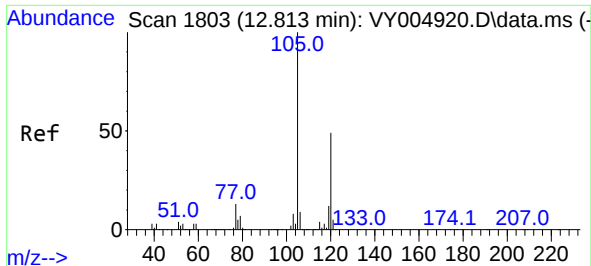
Tgt Ion:106 Resp: 6674
Ion Ratio Lower Upper
106 100
91 199.2 161.9 242.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004941.D
Acq: 03 Jun 2021 16:59

Tgt Ion:152 Resp: 107894
Ion Ratio Lower Upper
152 100
115 59.9 29.9 89.7
150 158.0 0.0 347.8

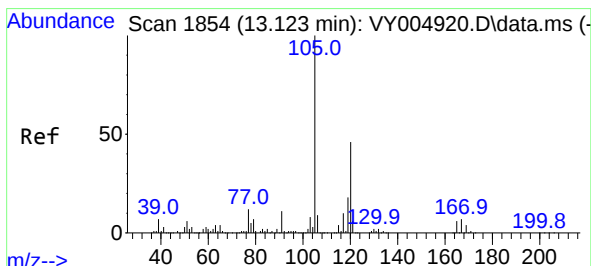
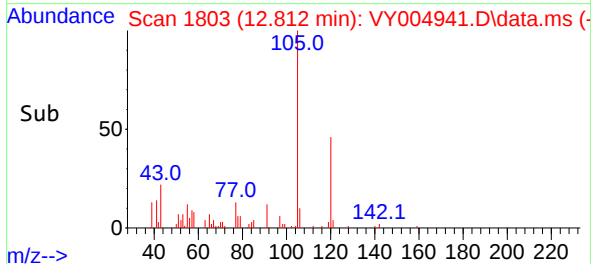
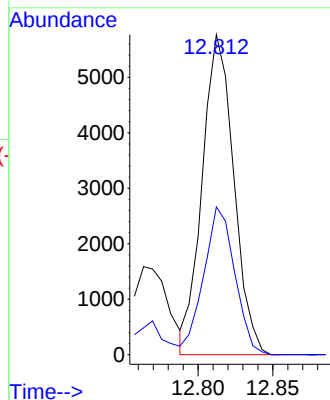
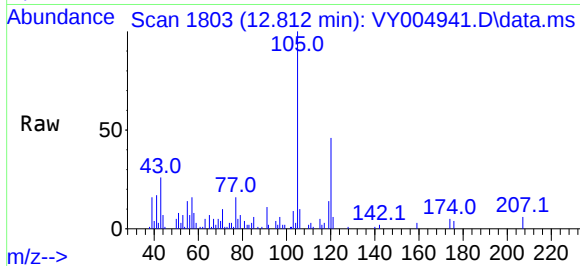




#80
1,3,5-Trimethylbenzene
Concen: 1.261 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY004941.D
Acq: 03 Jun 2021 16:59

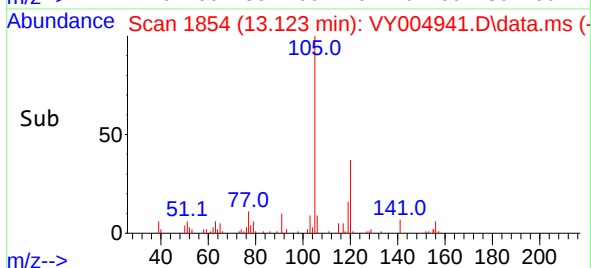
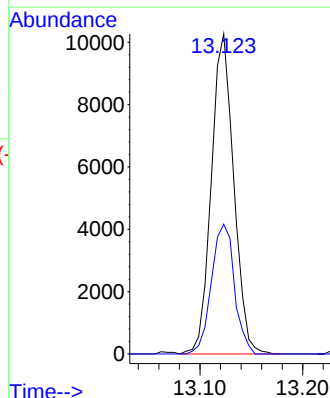
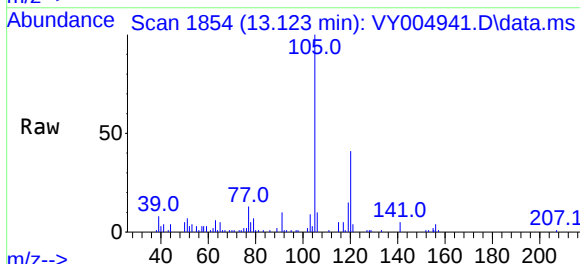
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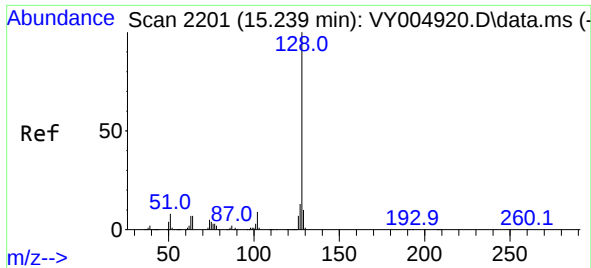
Tgt Ion:105 Resp: 8476
Ion Ratio Lower Upper
105 100
120 45.5 24.5 73.5



#84
1,2,4-Trimethylbenzene
Concen: 2.332 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004941.D
Acq: 03 Jun 2021 16:59

Tgt Ion:105 Resp: 15580
Ion Ratio Lower Upper
105 100
120 41.5 22.6 67.7





#95
Naphthalene
Concen: 17.912 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004941.D
Acq: 03 Jun 2021 16:59

Instrument :
MSVOA_Y
ClientSampleId :
18-B10(0-2)

Tgt Ion:128 Resp: 75744
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 11.5 8.7 13.1

