

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070221\
 Data File : VY005356.D
 Acq On : 02 Jul 2021 20:57
 Operator : SY/MD
 Sample : M2933-05
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 5

Quant Time: Jul 05 01:09:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

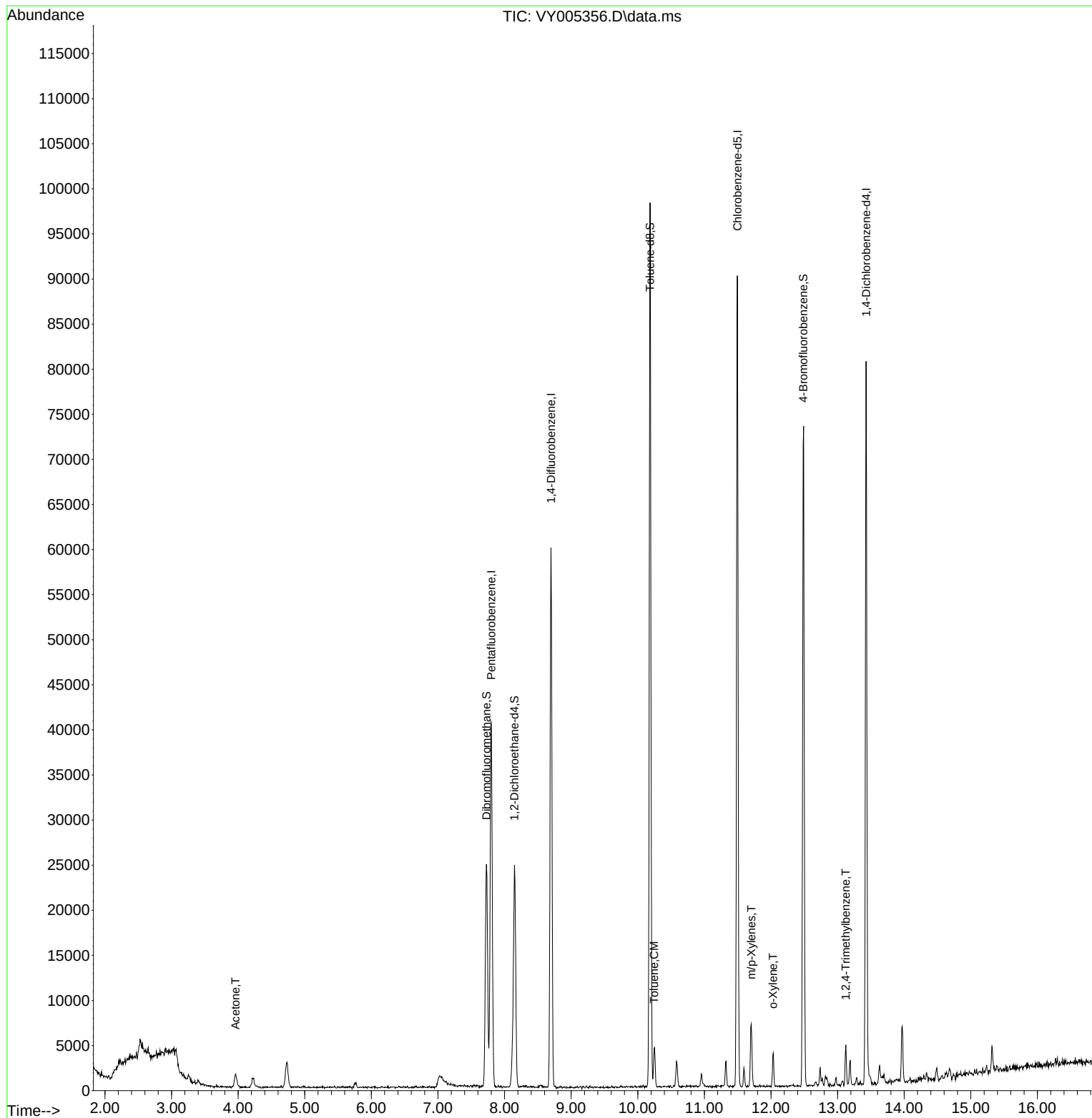
Internal Standards						
1) Pentafluorobenzene	7.801	168	34645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	52380	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	50969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	21338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	18394	63.978	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.960%	
35) Dibromofluoromethane	7.728	113	17342	56.139	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.280%	
50) Toluene-d8	10.185	98	63684	51.550	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.100%	
62) 4-Bromofluorobenzene	12.483	95	17846	43.351	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.700%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	2659	40.035	ug/l	89
52) Toluene	10.246	92	2005	2.306	ug/l	94
68) m/p-Xylenes	11.703	106	2169	3.108	ug/l	96
69) o-Xylene	12.032	106	1028	1.556	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	2439	2.155	ug/l	99

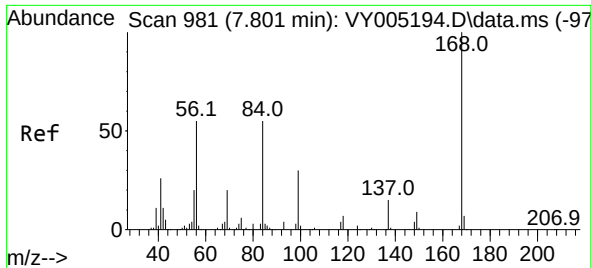
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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5

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 07:57:52 2021
Response via : Initial Calibration

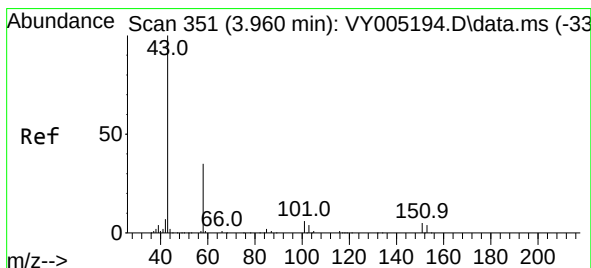
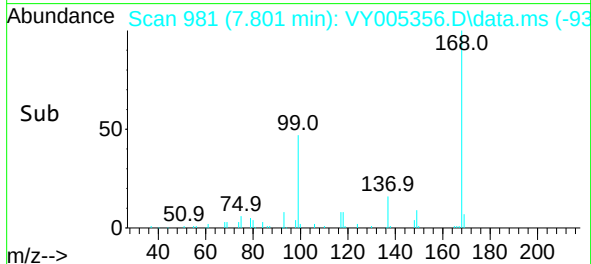
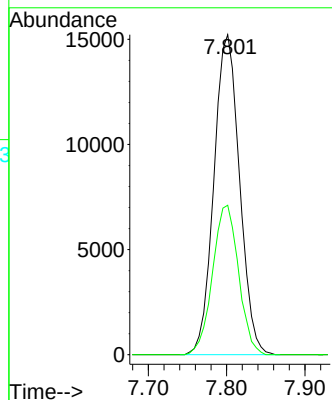
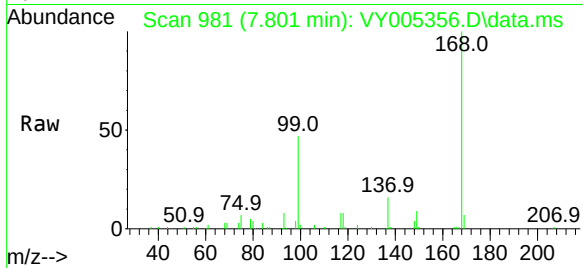




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005356.D
Acq: 02 Jul 2021 20:57

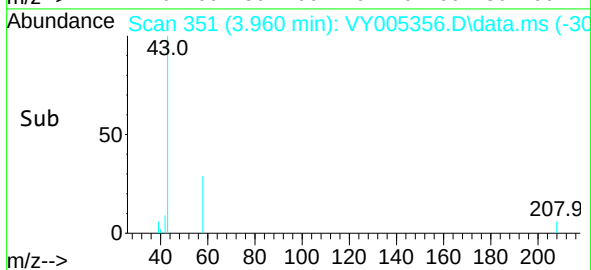
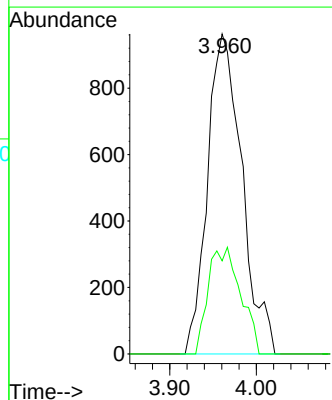
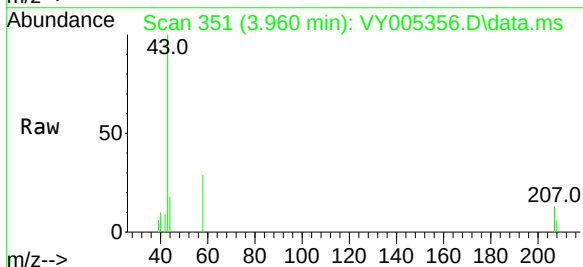
Instrument :
MSVOA_Y
ClientSampled :
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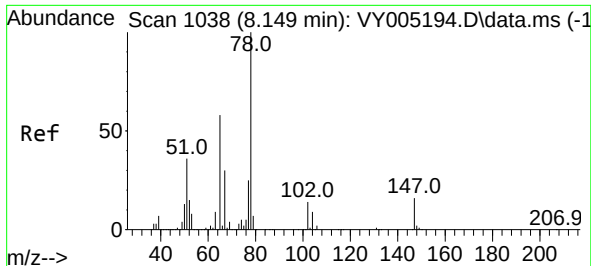
Tgt Ion:168 Resp: 34645
Ion Ratio Lower Upper
168 100
99 46.7 36.2 54.4



#16
Acetone
Concen: 40.035 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005356.D
Acq: 02 Jul 2021 20:57

Tgt Ion: 43 Resp: 2659
Ion Ratio Lower Upper
43 100
58 29.1 28.2 42.2

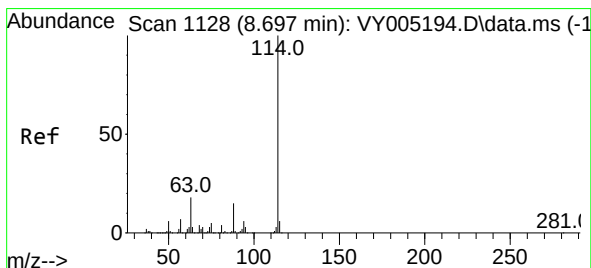
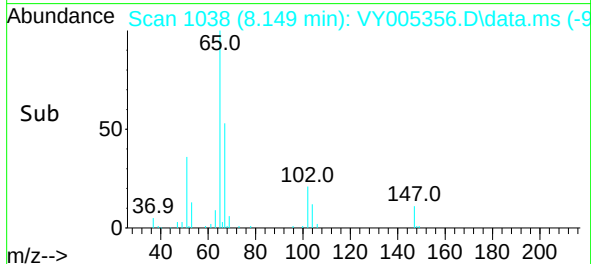
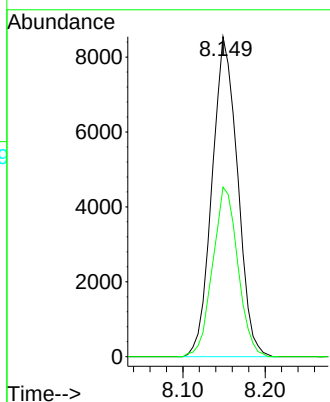
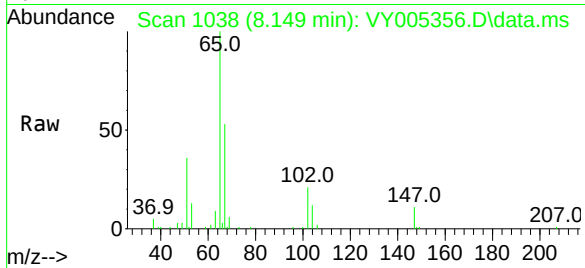




#33
1,2-Dichloroethane-d4
Concen: 63.978 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005356.D
Acq: 02 Jul 2021 20:57

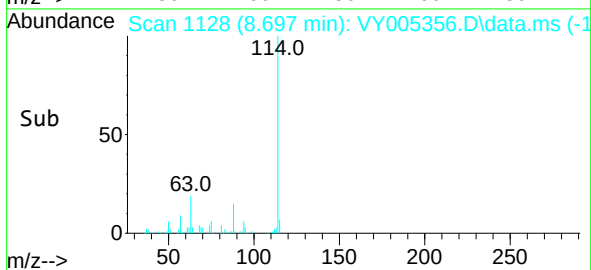
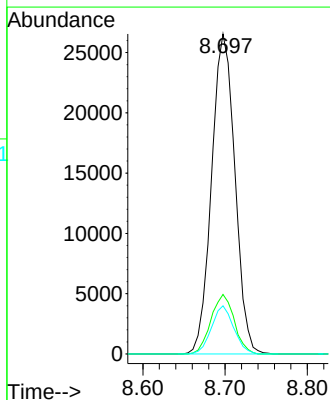
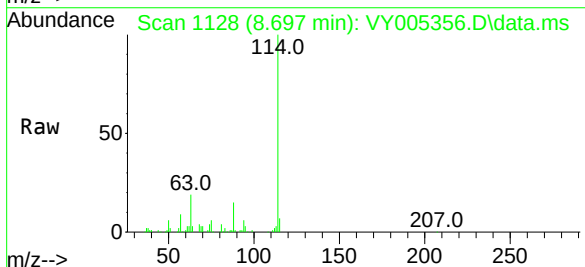
Instrument :
MSVOA_Y
ClientSampled :
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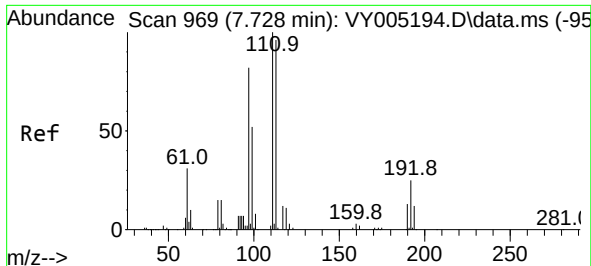
Tgt Ion: 65 Resp: 18394
Ion Ratio Lower Upper
65 100
67 52.4 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005356.D
Acq: 02 Jul 2021 20:57

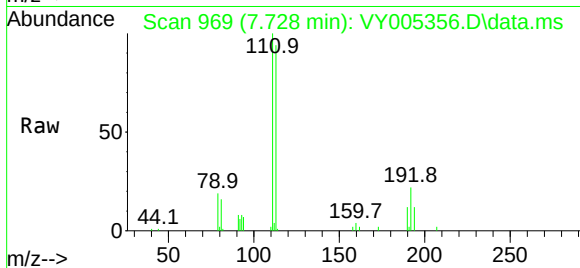
Tgt Ion: 114 Resp: 52380
Ion Ratio Lower Upper
114 100
63 18.6 0.0 35.2
88 15.1 0.0 29.4



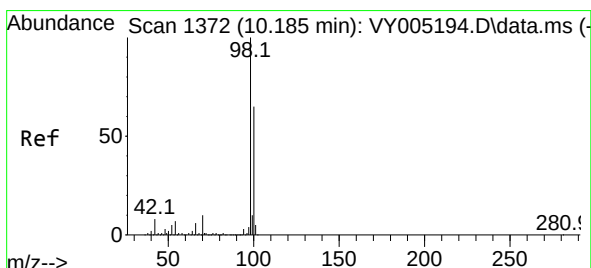
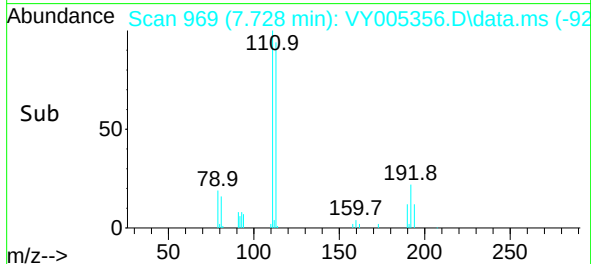
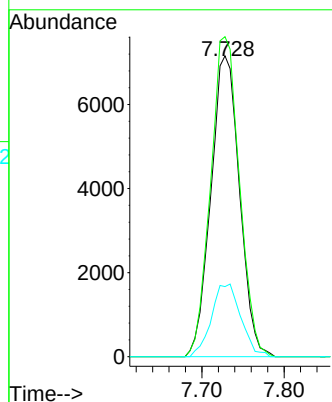


#35
Dibromofluoromethane
Concen: 56.139 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005356.D
Acq: 02 Jul 2021 20:57

Instrument :
MSVOA_Y
ClientSampleId :
5

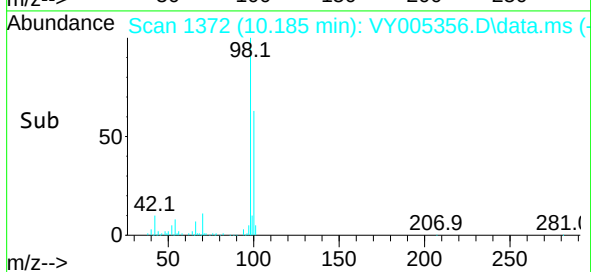
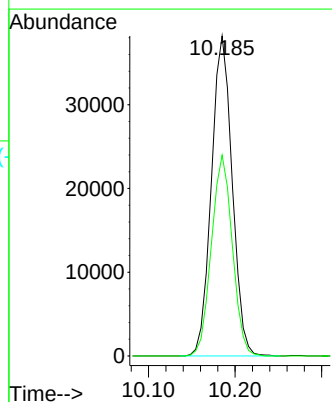
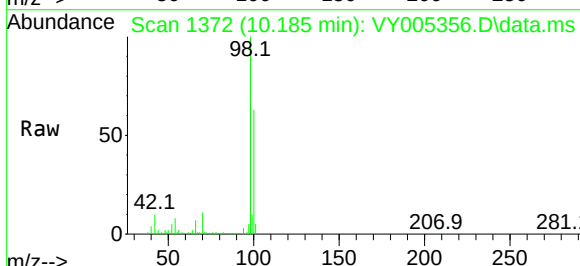


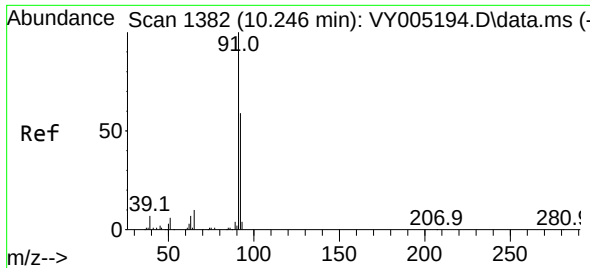
Tgt Ion:113 Resp: 17342
Ion Ratio Lower Upper
113 100
111 106.9 82.6 124.0
192 24.8 20.2 30.2



#50
Toluene-d8
Concen: 51.550 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005356.D
Acq: 02 Jul 2021 20:57

Tgt Ion: 98 Resp: 63684
Ion Ratio Lower Upper
98 100
100 63.0 51.9 77.9

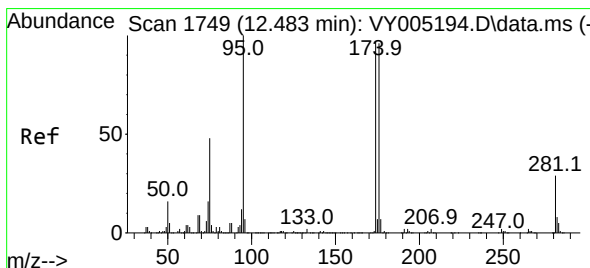
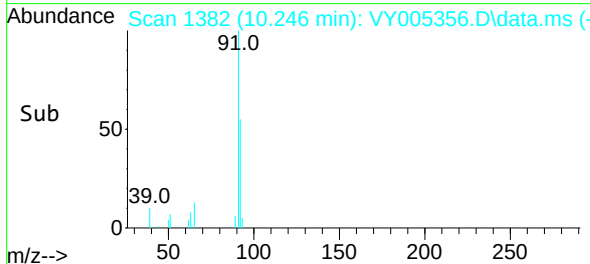
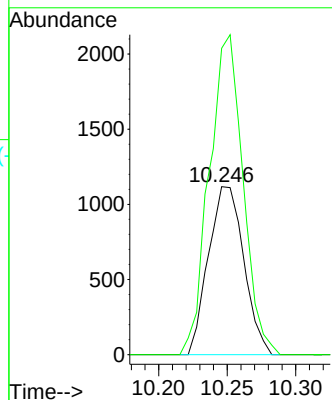
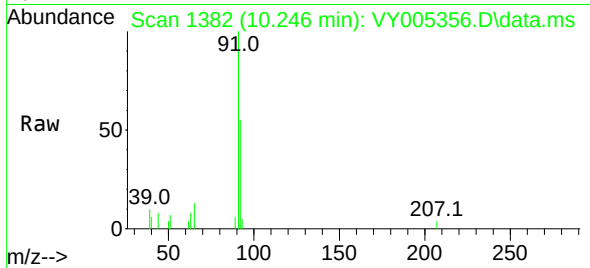




#52
Toluene
Concen: 2.306 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY005356.D
Acq: 02 Jul 2021 20:57

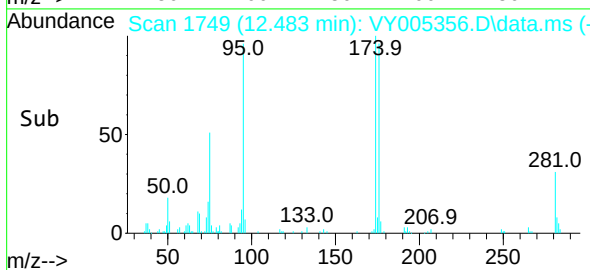
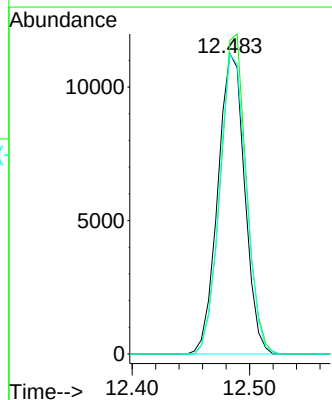
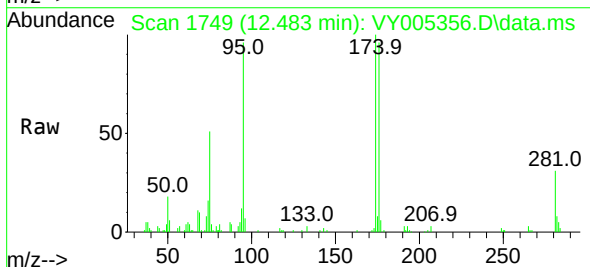
Instrument :
MSVOA_Y
ClientSampled :
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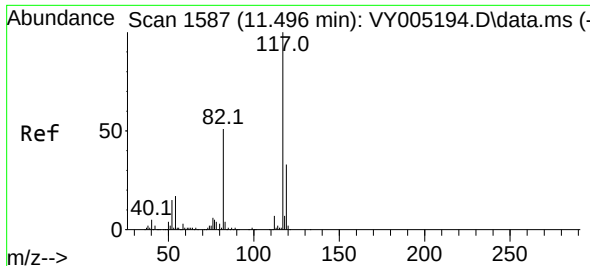
Tgt Ion: 92 Resp: 2005
Ion Ratio Lower Upper
92 100
91 181.8 138.3 207.5



#62
4-Bromofluorobenzene
Concen: 43.351 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005356.D
Acq: 02 Jul 2021 20:57

Tgt Ion: 95 Resp: 17846
Ion Ratio Lower Upper
95 100
174 103.5 0.0 201.6
176 99.5 0.0 197.4

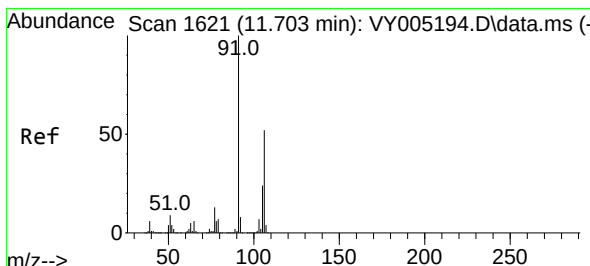
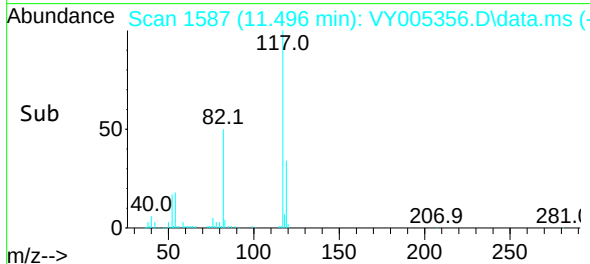
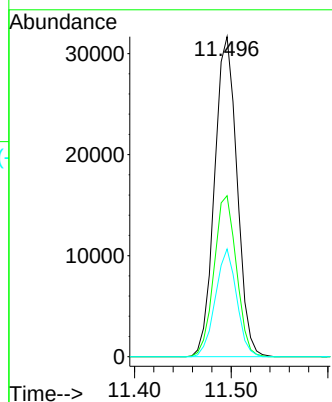
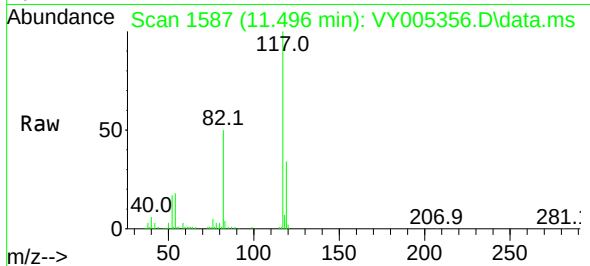




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005356.D
Acq: 02 Jul 2021 20:57

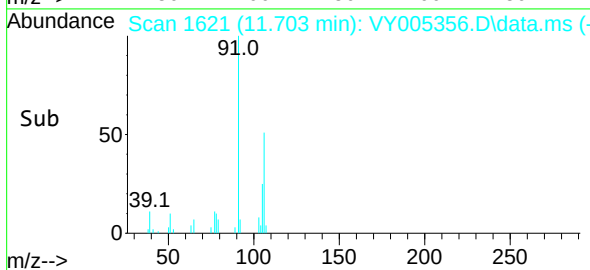
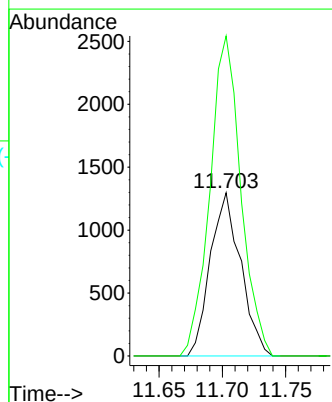
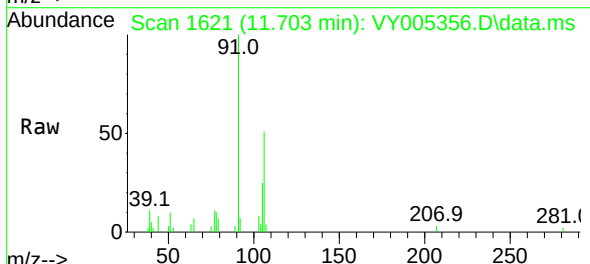
Instrument :
MSVOA_Y
ClientSampleId :
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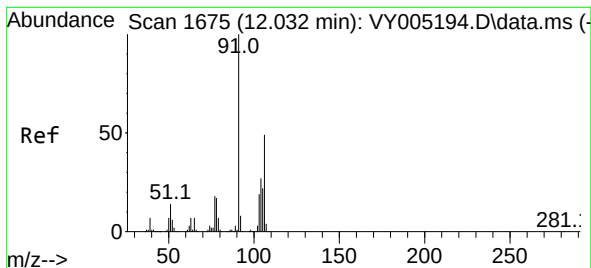
Tgt Ion:	117	Resp:	50969
Ion	Ratio	Lower	Upper
117	100		
82	50.3	40.6	60.8
119	33.7	26.1	39.1



#68
m/p-Xylenes
Concen: 3.108 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY005356.D
Acq: 02 Jul 2021 20:57

Tgt Ion:	106	Resp:	2169
Ion	Ratio	Lower	Upper
106	100		
91	199.3	154.8	232.2

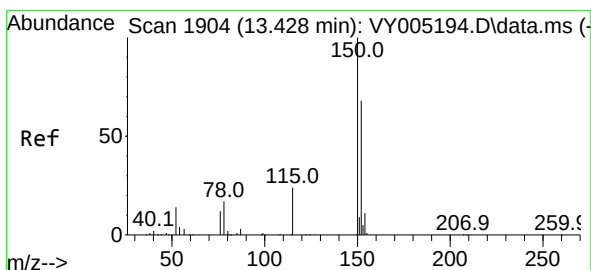
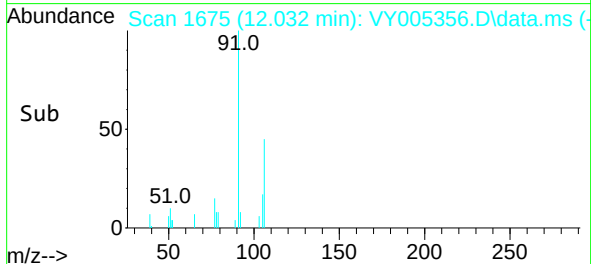
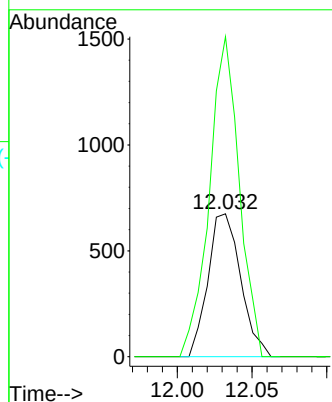
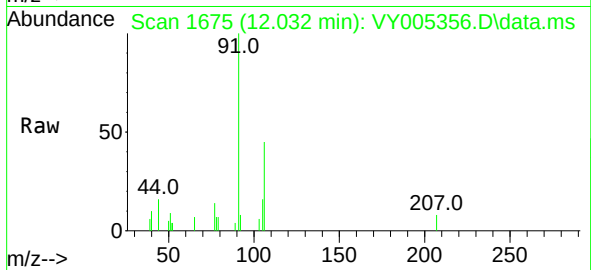




#69
o-Xylene
Concen: 1.556 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY005356.D
Acq: 02 Jul 2021 20:57

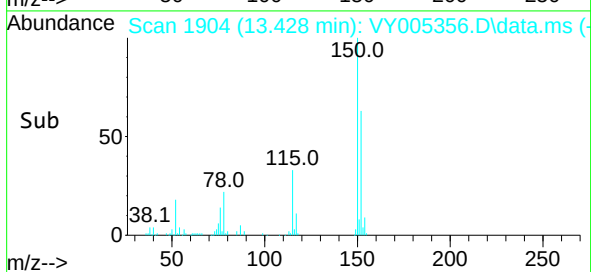
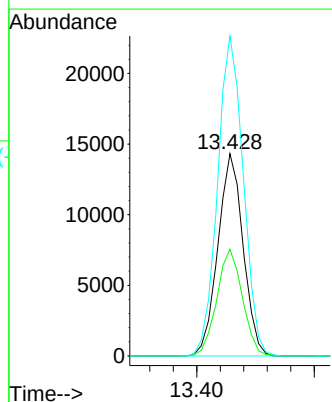
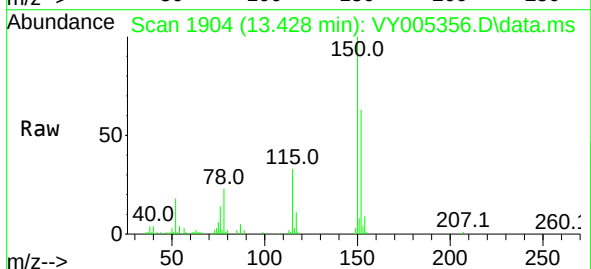
Instrument :
MSVOA_Y
ClientSampled :
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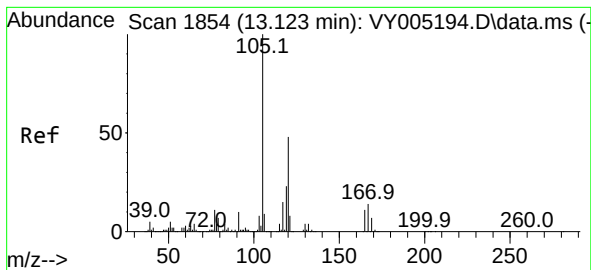
Tgt Ion:106 Resp: 1028
Ion Ratio Lower Upper
106 100
91 204.3 101.6 304.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005356.D
Acq: 02 Jul 2021 20:57

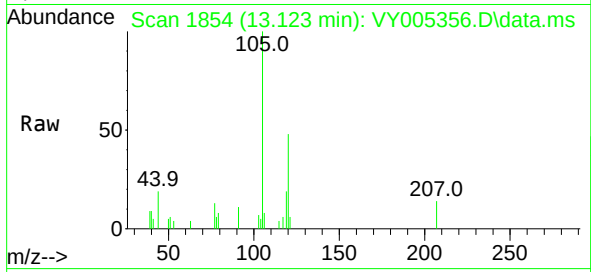
Tgt Ion:152 Resp: 21338
Ion Ratio Lower Upper
152 100
115 53.5 26.3 78.8
150 161.3 0.0 344.2





#84
 1,2,4-Trimethylbenzene
 Concen: 2.155 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: VY005356.D
 Acq: 02 Jul 2021 20:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 5



Tgt Ion:105 Resp: 2439
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.6 71.0

