

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070221\
 Data File : VY005352.D
 Acq On : 02 Jul 2021 19:25
 Operator : SY/MD
 Sample : M2933-01
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1

Quant Time: Jul 05 01:08:16 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)

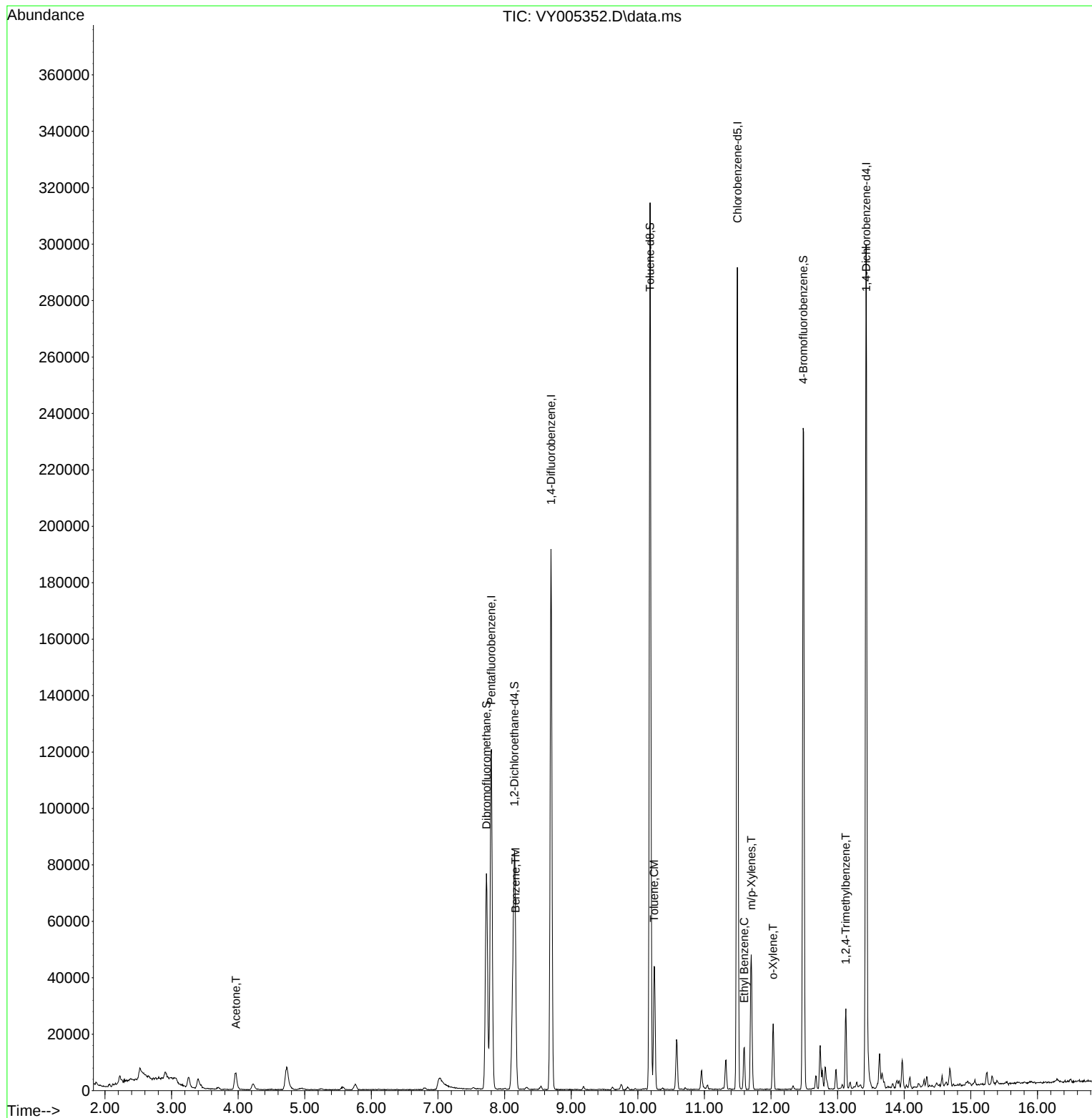
Internal Standards						
1) Pentafluorobenzene	7.801	168	100154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	163315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	162451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	56369	67.822	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.640%	
35) Dibromofluoromethane	7.728	113	53529	55.577	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.160%	
50) Toluene-d8	10.185	98	199725	51.853	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.700%	
62) 4-Bromofluorobenzene	12.483	95	65115	50.732	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.460%	
Target Compounds						Qvalue
16) Acetone	3.966	43	10623	55.327	ug/l	92
40) Benzene	8.167	78	5887	1.388	ug/l	98
52) Toluene	10.246	92	18944	6.989	ug/l	99
67) Ethyl Benzene	11.599	91	10056	1.811	ug/l	100
68) m/p-Xylenes	11.703	106	14215	6.390	ug/l	100
69) o-Xylene	12.032	106	6366	3.022	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	15042	3.542	ug/l	99

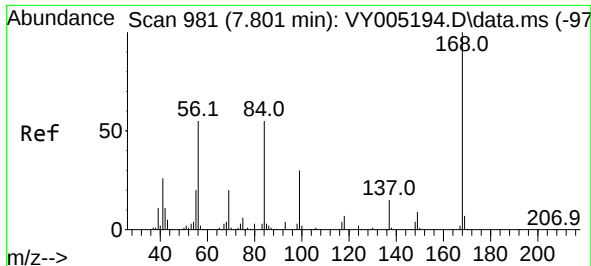
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1

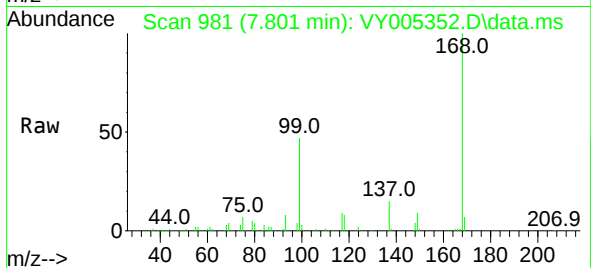
Quant Time: Jul 05 01:08:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 07:57:52 2021
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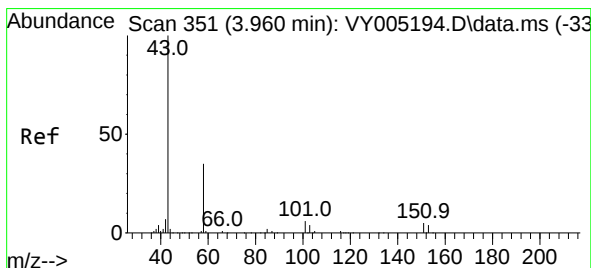
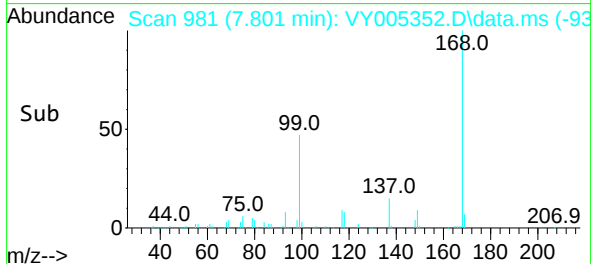
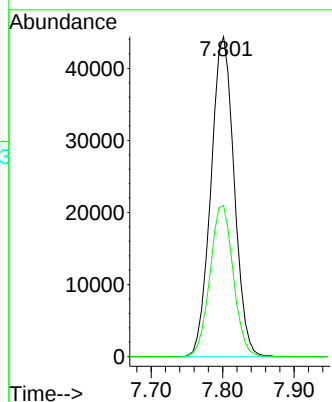


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005352.D
Acq: 02 Jul 2021 19:25

Instrument :
MSVOA_Y
ClientSampleId :
1

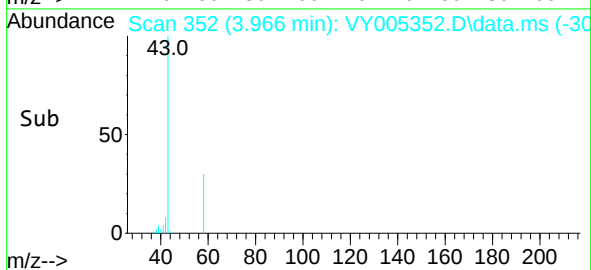
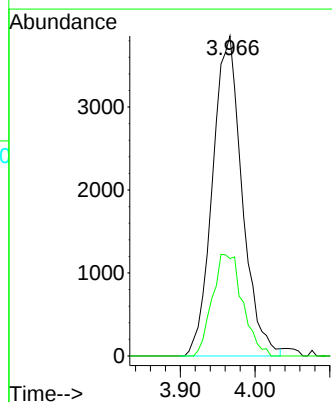
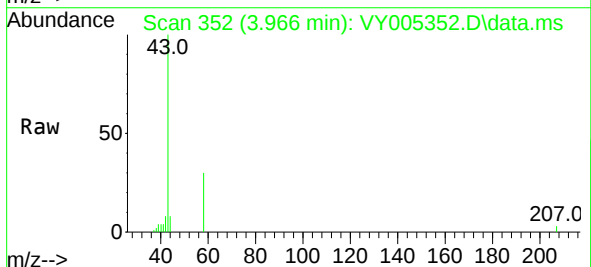


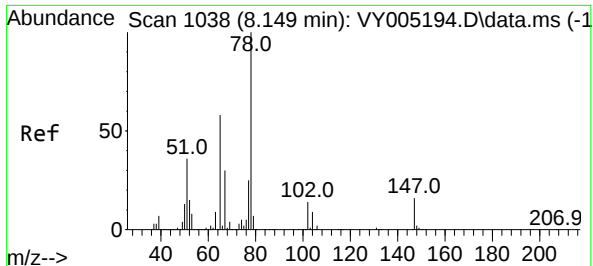
Tgt Ion:168 Resp: 100154
Ion Ratio Lower Upper
168 100
99 47.3 36.2 54.4



#16
Acetone
Concen: 55.327 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005352.D
Acq: 02 Jul 2021 19:25

Tgt Ion: 43 Resp: 10623
Ion Ratio Lower Upper
43 100
58 30.5 28.2 42.2

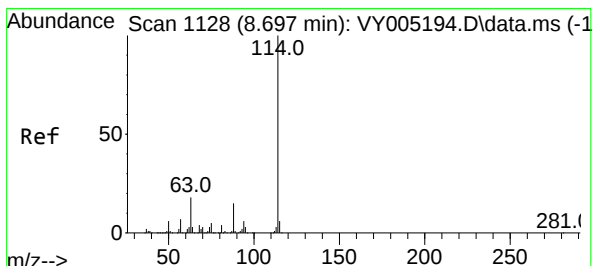
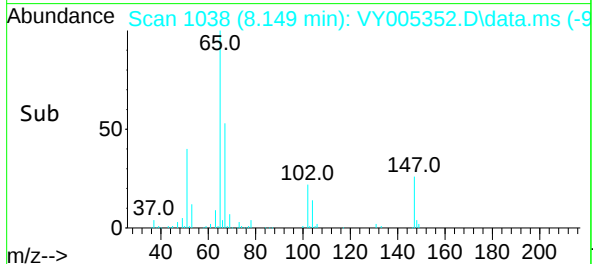
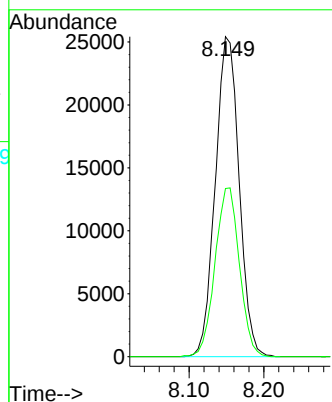
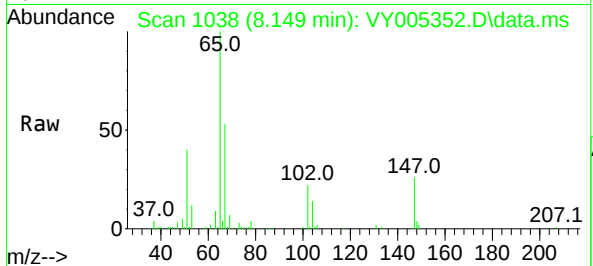




#33
1,2-Dichloroethane-d4
Concen: 67.822 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005352.D
Acq: 02 Jul 2021 19:25

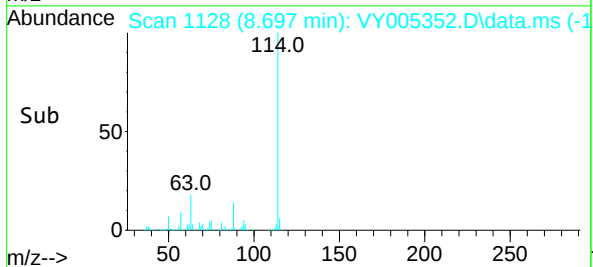
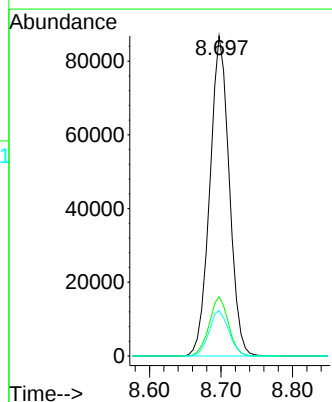
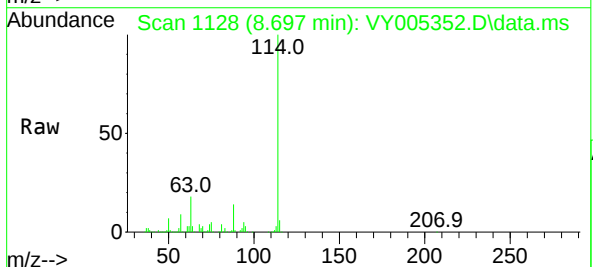
Instrument :
MSVOA_Y
ClientSampled :
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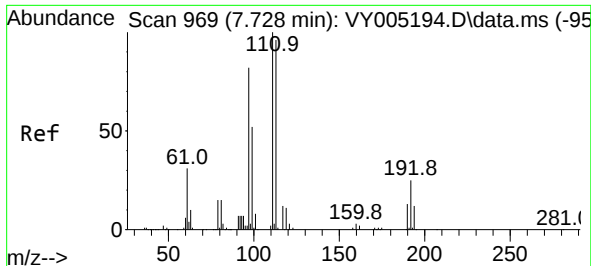
Tgt Ion: 65 Resp: 56369
Ion Ratio Lower Upper
65 100
67 54.1 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005352.D
Acq: 02 Jul 2021 19:25

Tgt Ion: 114 Resp: 163315
Ion Ratio Lower Upper
114 100
63 18.5 0.0 35.2
88 14.2 0.0 29.4

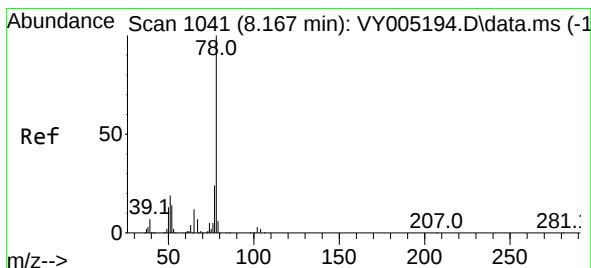
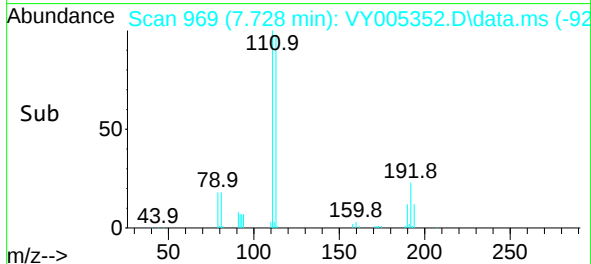
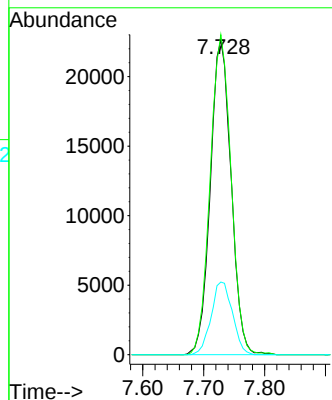
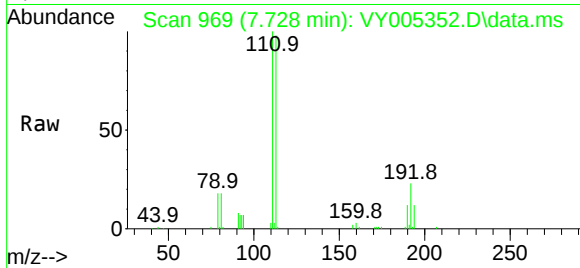




#35
Dibromofluoromethane
Concen: 55.577 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005352.D
Acq: 02 Jul 2021 19:25

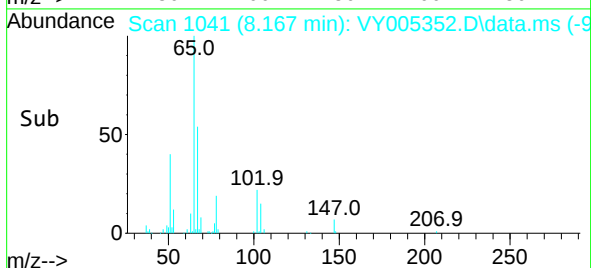
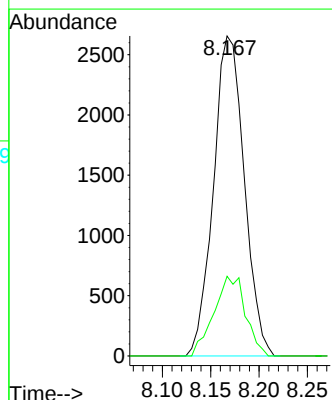
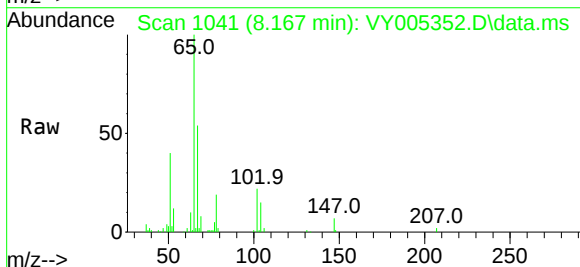
Instrument :
MSVOA_Y
ClientSampled :
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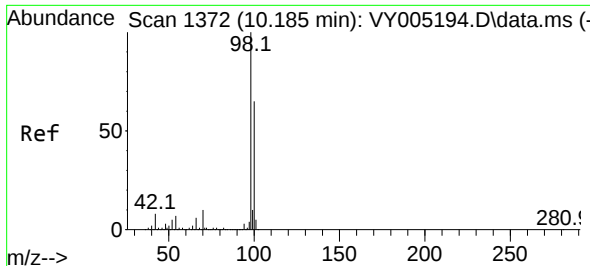
Tgt Ion:113 Resp: 53529
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 23.7 20.2 30.2



#40
Benzene
Concen: 1.388 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY005352.D
Acq: 02 Jul 2021 19:25

Tgt Ion: 78 Resp: 5887
Ion Ratio Lower Upper
78 100
77 24.9 19.1 28.7

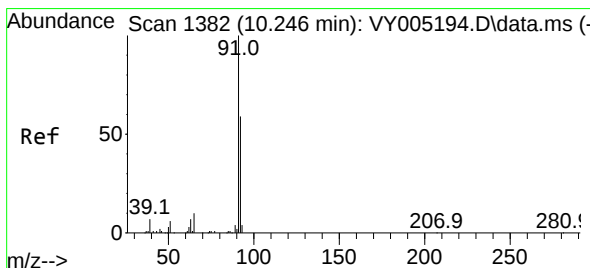
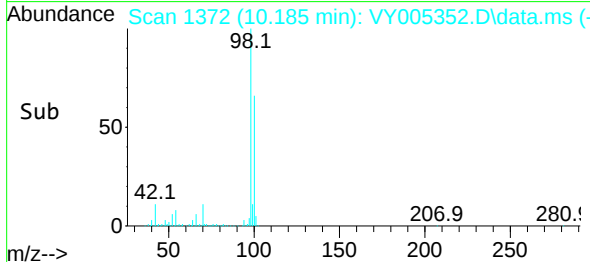
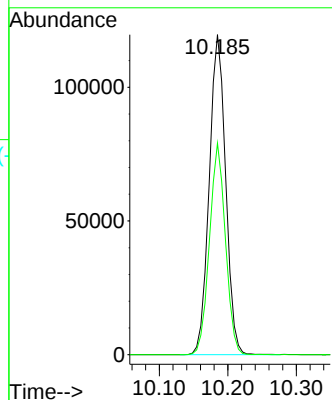
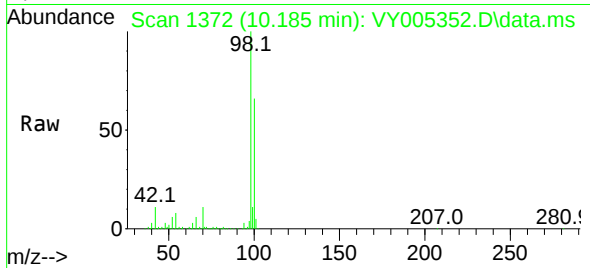




#50
Toluene-d8
Concen: 51.853 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005352.D
Acq: 02 Jul 2021 19:25

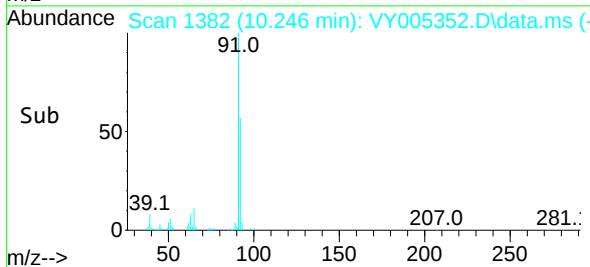
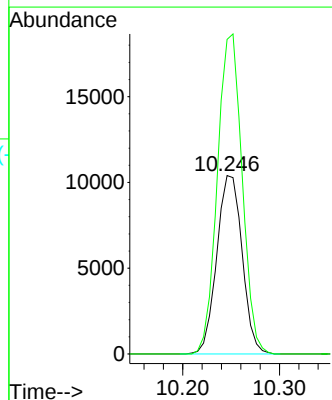
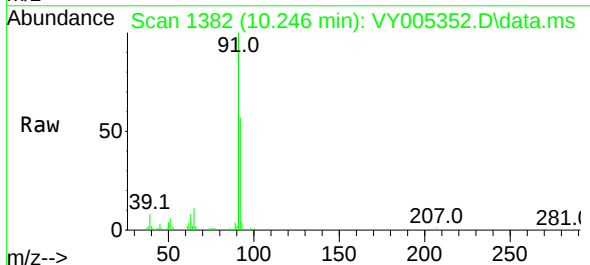
Instrument :
MSVOA_Y
ClientSampled :
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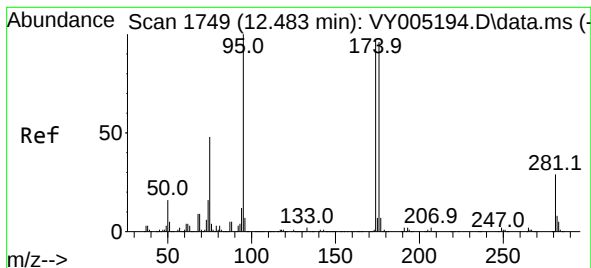
Tgt Ion: 98 Resp: 199725
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#52
Toluene
Concen: 6.989 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY005352.D
Acq: 02 Jul 2021 19:25

Tgt Ion: 92 Resp: 18944
Ion Ratio Lower Upper
92 100
91 174.8 138.3 207.5

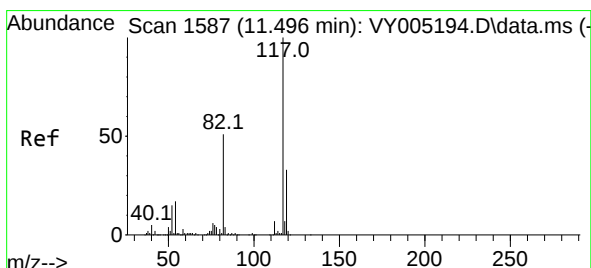
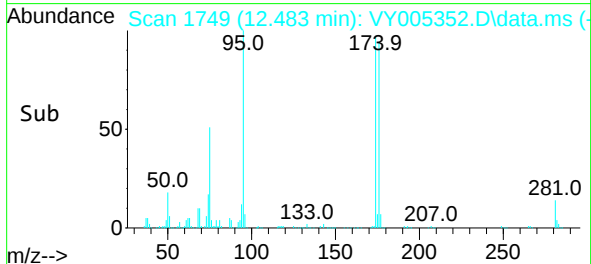
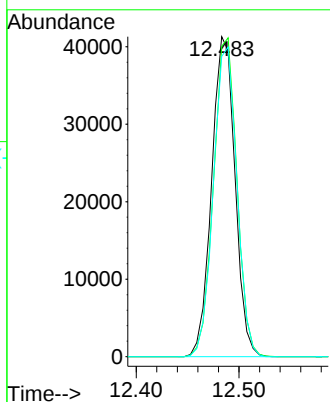
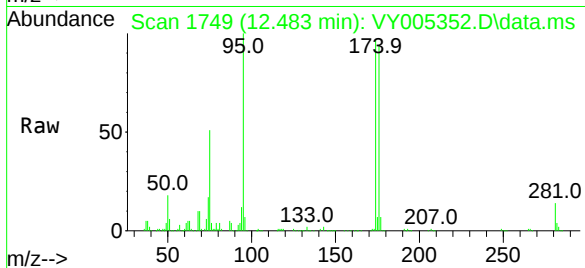




#62
4-Bromofluorobenzene
Concen: 50.732 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005352.D
Acq: 02 Jul 2021 19:25

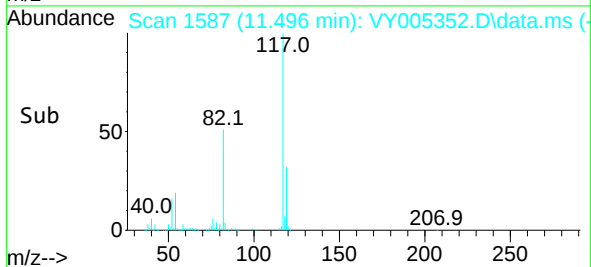
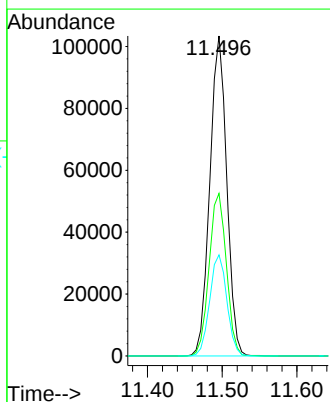
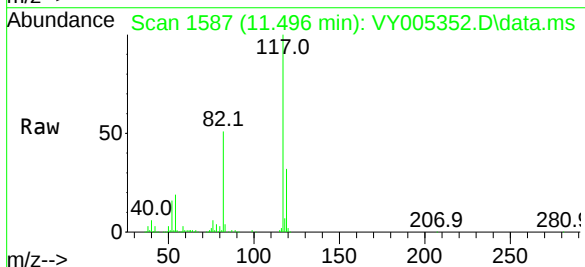
Instrument :
MSVOA_Y
ClientSampled :
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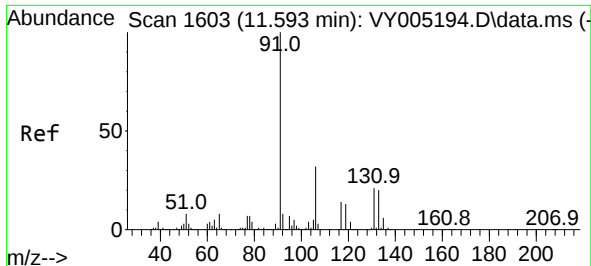
Tgt Ion: 95 Resp: 65115
Ion Ratio Lower Upper
95 100
174 99.4 0.0 201.6
176 97.5 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005352.D
Acq: 02 Jul 2021 19:25

Tgt Ion: 117 Resp: 162451
Ion Ratio Lower Upper
117 100
82 50.8 40.6 60.8
119 31.6 26.1 39.1

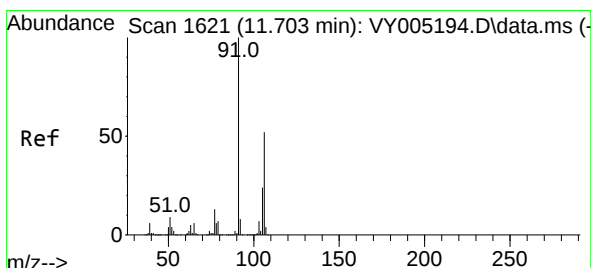
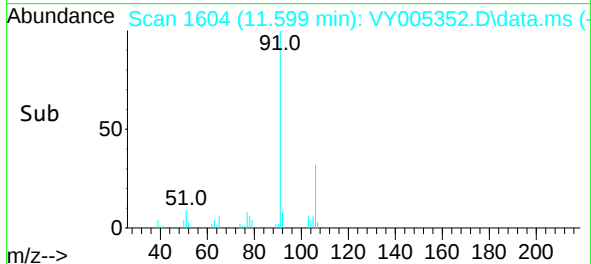
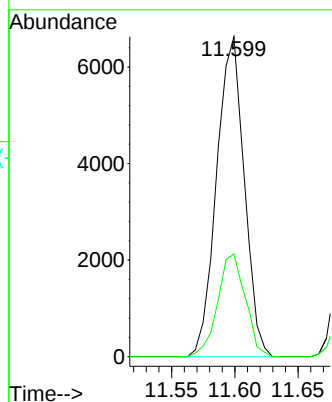
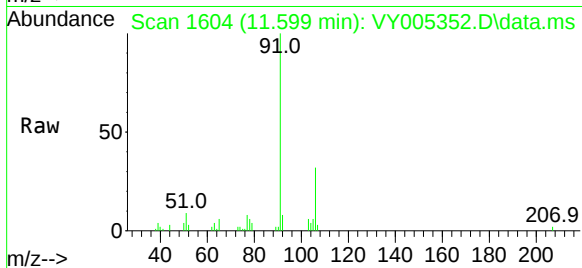




#67
Ethyl Benzene
Concen: 1.811 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY005352.D
Acq: 02 Jul 2021 19:25

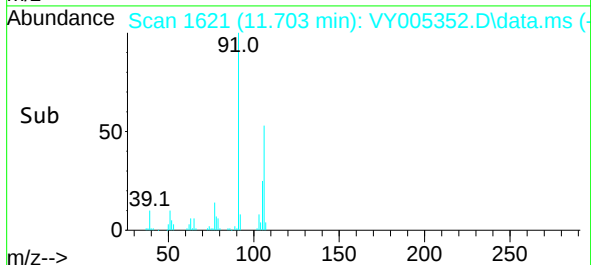
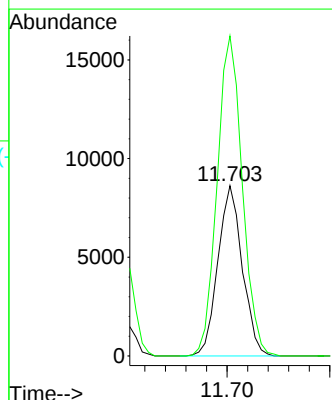
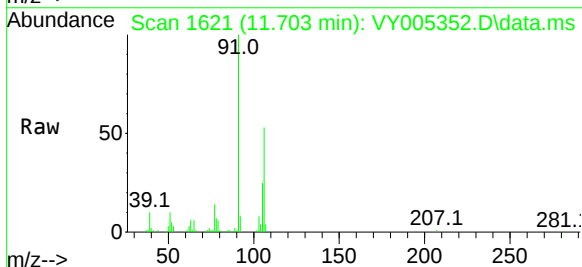
Instrument :
MSVOA_Y
ClientSampled :
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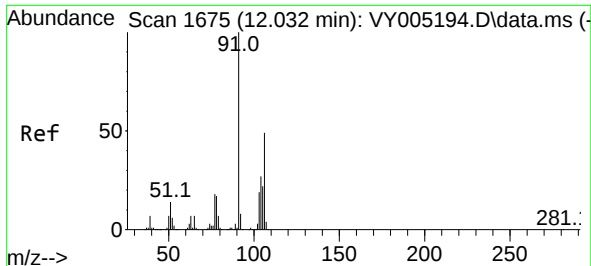
Tgt Ion: 91 Resp: 10056
Ion Ratio Lower Upper
91 100
106 32.1 25.8 38.6



#68
m/p-Xylenes
Concen: 6.390 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY005352.D
Acq: 02 Jul 2021 19:25

Tgt Ion:106 Resp: 14215
Ion Ratio Lower Upper
106 100
91 193.5 154.8 232.2

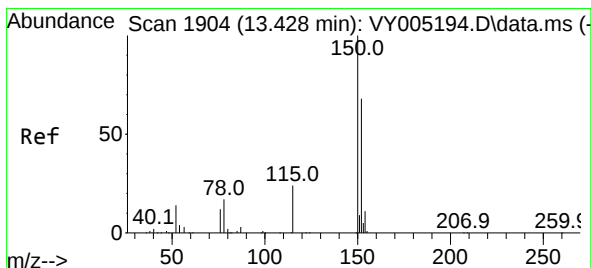
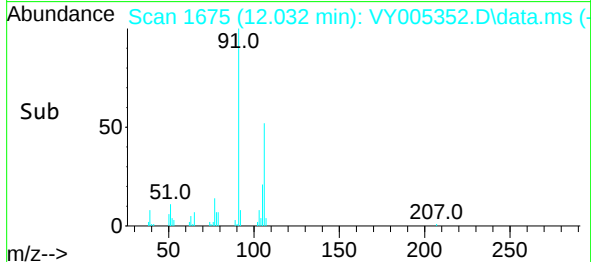
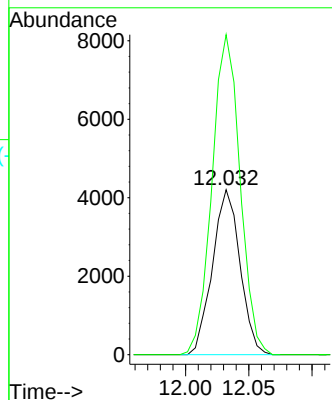
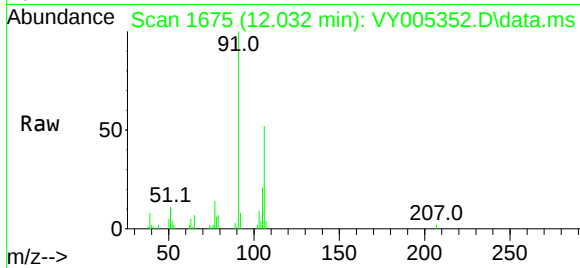




#69
o-Xylene
Concen: 3.022 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY005352.D
Acq: 02 Jul 2021 19:25

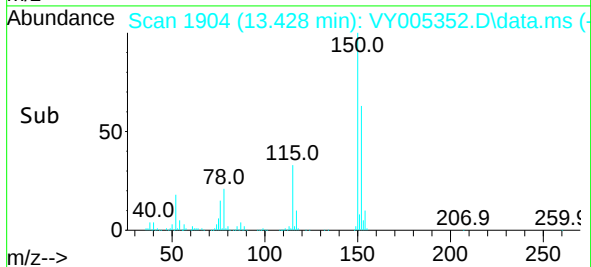
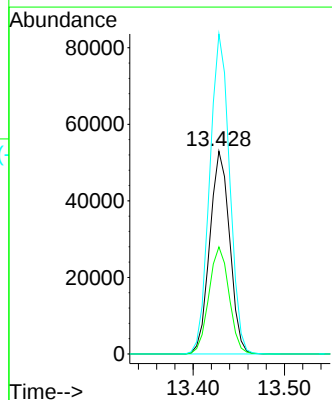
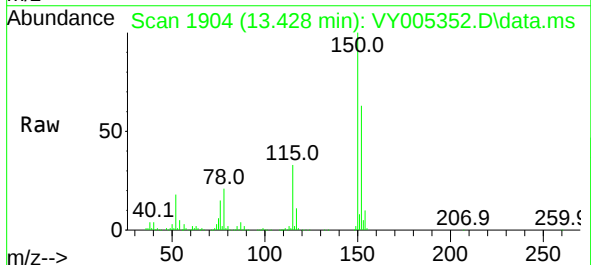
Instrument :
MSVOA_Y
ClientSampled :
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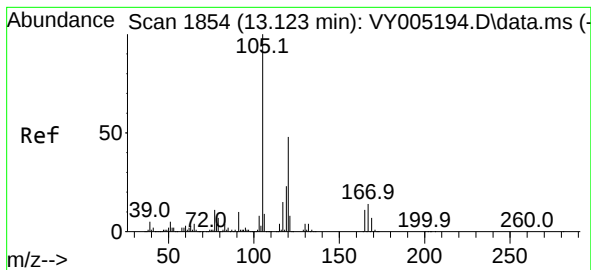
Tgt Ion:106 Resp: 6366
Ion Ratio Lower Upper
106 100
91 197.3 101.6 304.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005352.D
Acq: 02 Jul 2021 19:25

Tgt Ion:152 Resp: 80052
Ion Ratio Lower Upper
152 100
115 53.4 26.3 78.8
150 158.0 0.0 344.2





#84
 1,2,4-Trimethylbenzene
 Concen: 3.542 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: VY005352.D
 Acq: 02 Jul 2021 19:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 1

Tgt Ion:105 Resp: 15042
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.6 71.0

