

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070721\
 Data File : VY005364.D
 Acq On : 07 Jul 2021 14:27
 Operator : SY/MD
 Sample : M2933-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1

Quant Time: Jul 08 02:04:38 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)

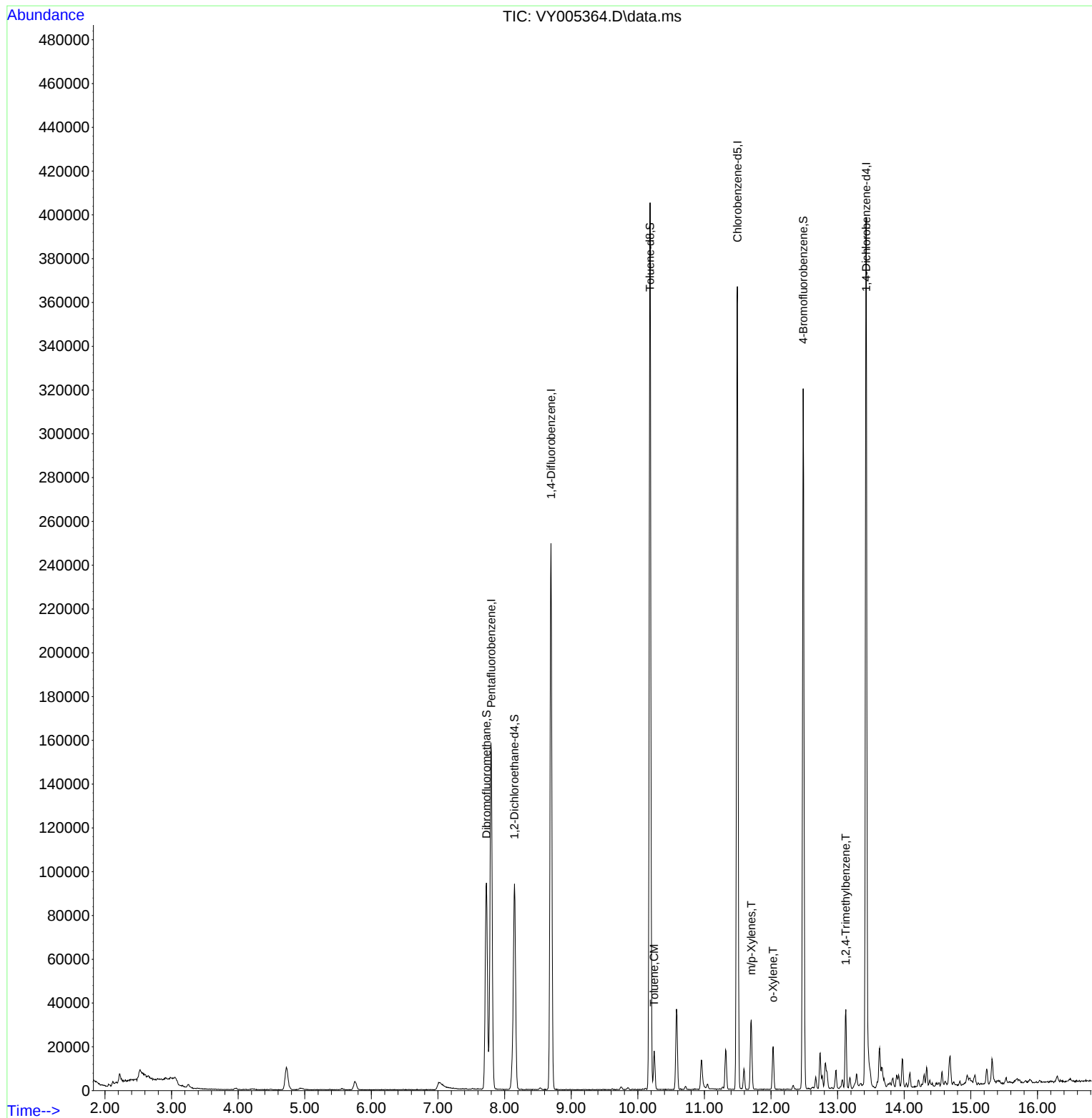
Internal Standards						
1) Pentafluorobenzene	7.801	168	134792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	213910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	211264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	69460	62.097	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.200%			
35) Dibromofluoromethane	7.728	113	67016	53.122	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.240%			
50) Toluene-d8	10.185	98	263723	52.274	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.540%			
62) 4-Bromofluorobenzene	12.483	95	87297	51.927	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.860%			
Target Compounds					Qvalue	
52) Toluene	10.246	92	6916	1.948	ug/l	100
68) m/p-Xylenes	11.703	106	9995	3.455	ug/l	97
69) o-Xylene	12.032	106	5243	1.914	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	19429	3.469	ug/l	99

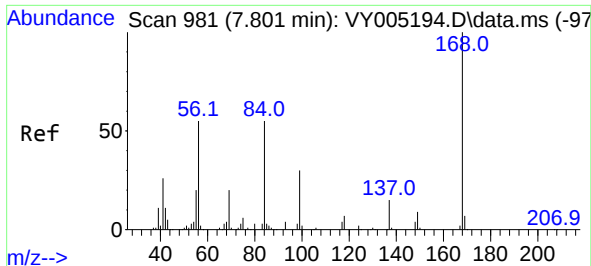
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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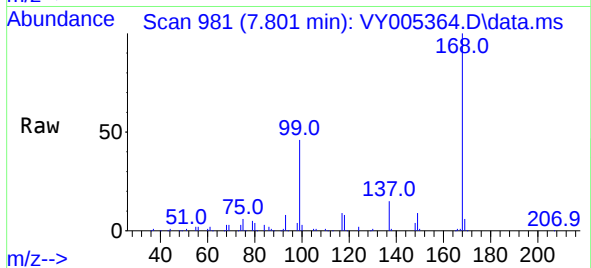
Quant Time: Jul 08 02:04:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 07:57:52 2021
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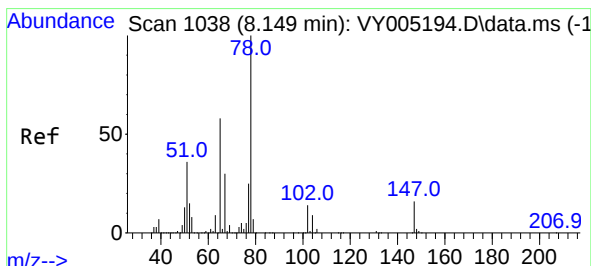
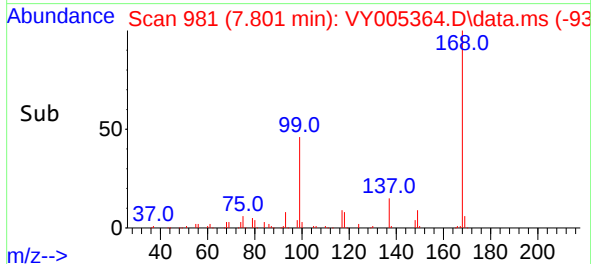
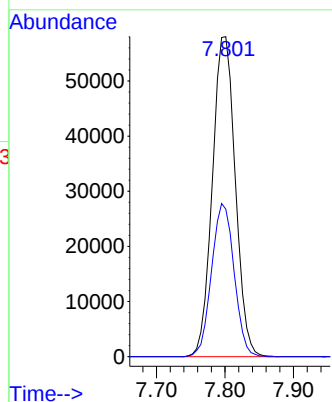


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005364.D
Acq: 07 Jul 2021 14:27

Instrument :
MSVOA_Y
ClientSampled :
1

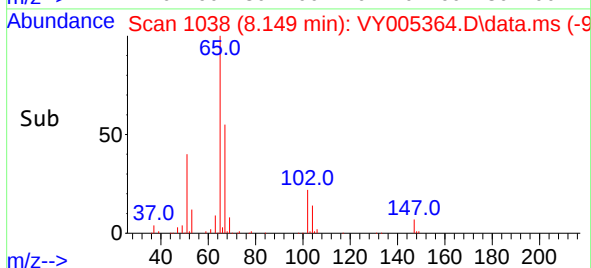
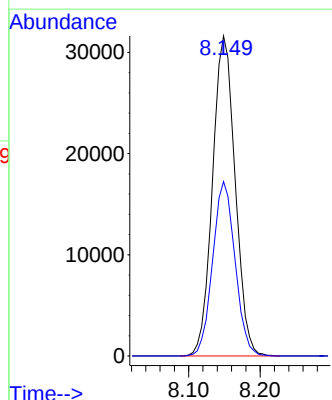
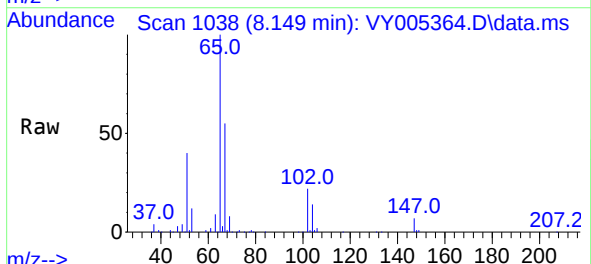


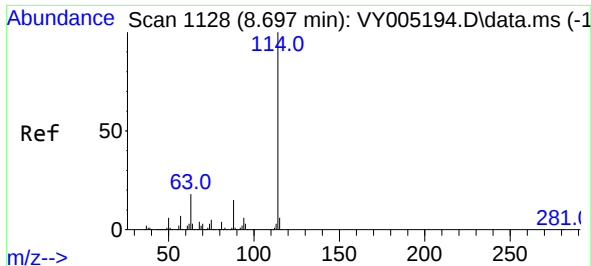
Tgt Ion:168 Resp: 134792
Ion Ratio Lower Upper
168 100
99 46.1 36.2 54.4



#33
1,2-Dichloroethane-d4
Concen: 62.097 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005364.D
Acq: 07 Jul 2021 14:27

Tgt Ion: 65 Resp: 69460
Ion Ratio Lower Upper
65 100
67 53.9 0.0 110.6

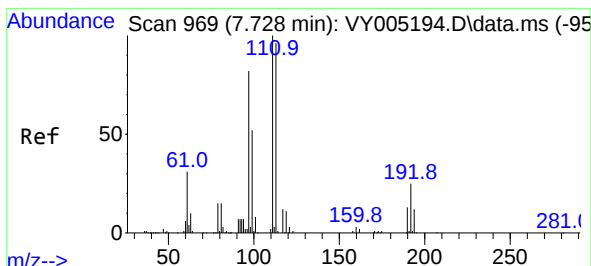
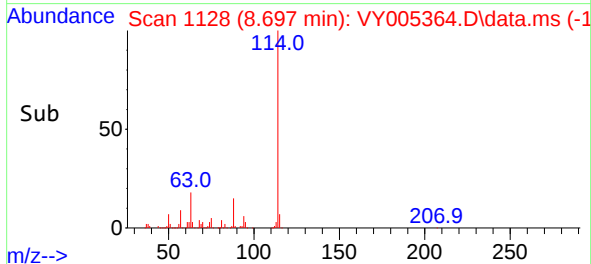
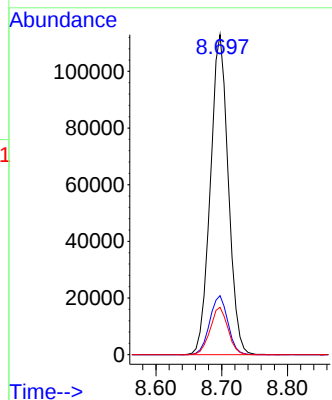
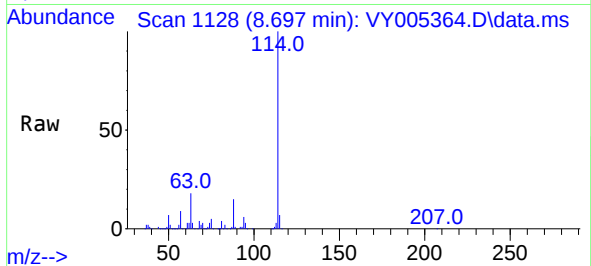




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005364.D
Acq: 07 Jul 2021 14:27

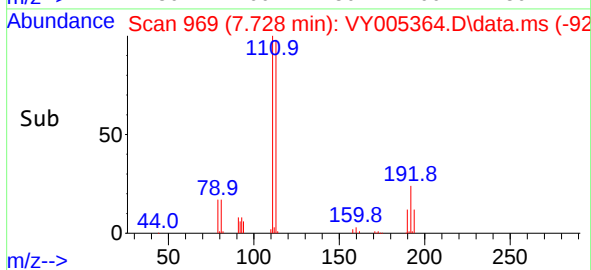
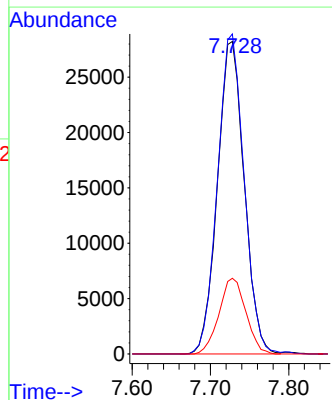
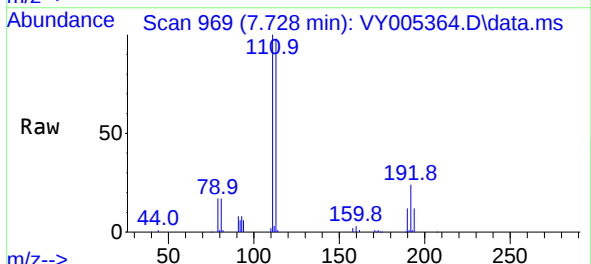
Instrument :
MSVOA_Y
ClientSampled :
1

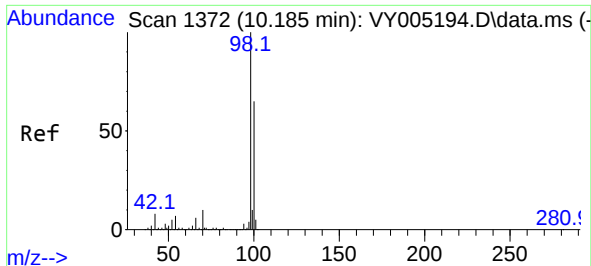
Tgt Ion:114 Resp: 213910
Ion Ratio Lower Upper
114 100
63 18.4 0.0 35.2
88 14.8 0.0 29.4



#35
Dibromofluoromethane
Concen: 53.122 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005364.D
Acq: 07 Jul 2021 14:27

Tgt Ion:113 Resp: 67016
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 24.3 20.2 30.2

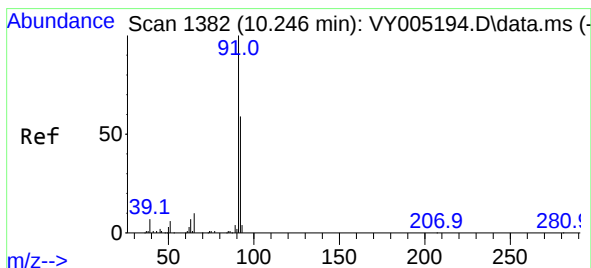
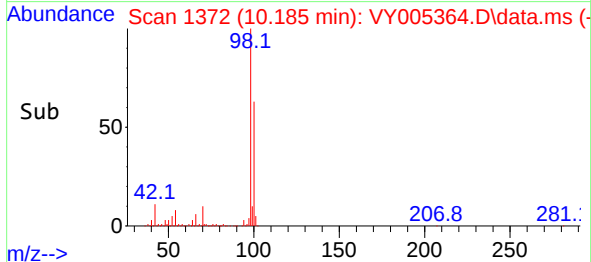
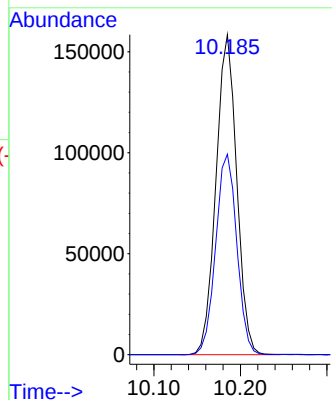
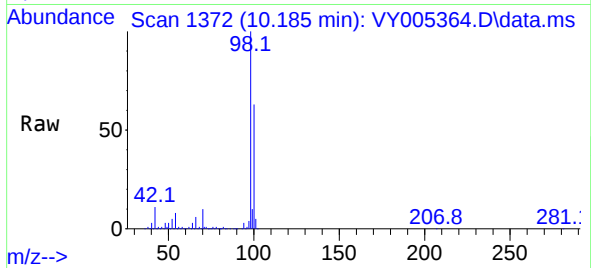




#50
Toluene-d8
Concen: 52.274 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005364.D
Acq: 07 Jul 2021 14:27

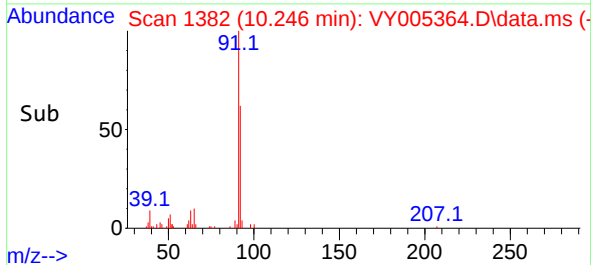
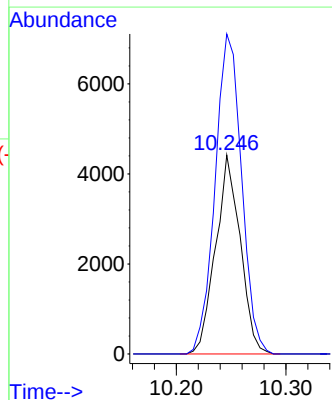
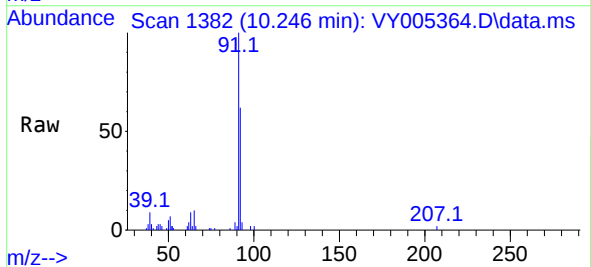
Instrument :
MSVOA_Y
ClientSampled :
1

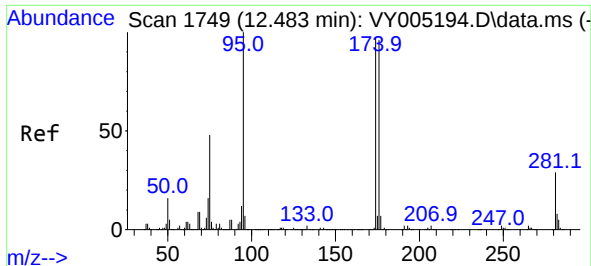
Tgt Ion: 98 Resp: 263723
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#52
Toluene
Concen: 1.948 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY005364.D
Acq: 07 Jul 2021 14:27

Tgt Ion: 92 Resp: 6916
Ion Ratio Lower Upper
92 100
91 172.7 138.3 207.5



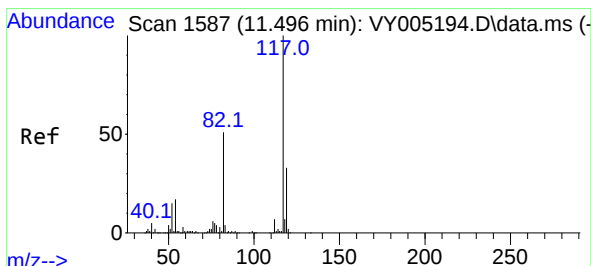
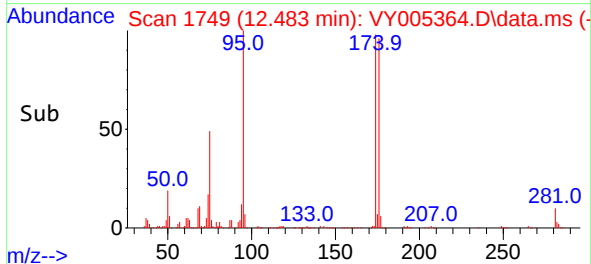
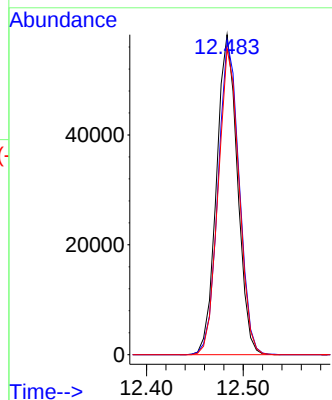
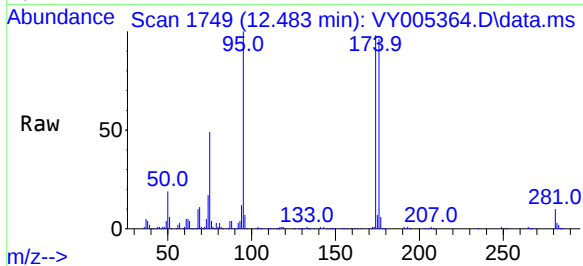


#62
4-Bromofluorobenzene
Concen: 51.927 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005364.D
Acq: 07 Jul 2021 14:27

Instrument :
MSVOA_Y
ClientSampled :
1

Tgt Ion: 95 Resp: 87297

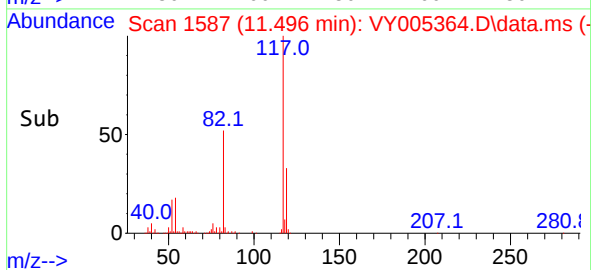
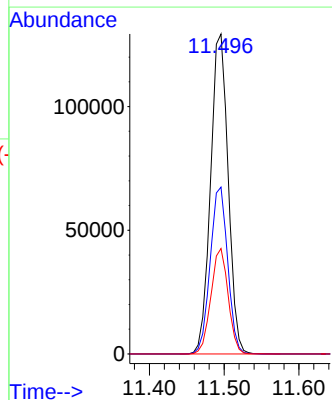
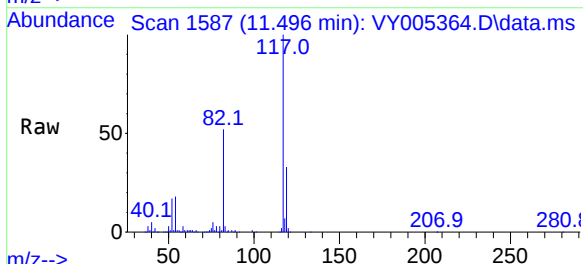
Ion	Ratio	Lower	Upper
95	100		
174	98.7	0.0	201.6
176	95.0	0.0	197.4

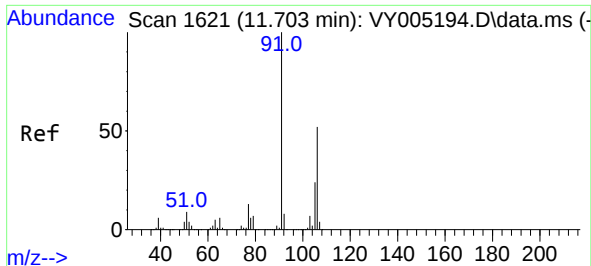


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005364.D
Acq: 07 Jul 2021 14:27

Tgt Ion: 117 Resp: 211264

Ion	Ratio	Lower	Upper
117	100		
82	52.1	40.6	60.8
119	33.0	26.1	39.1

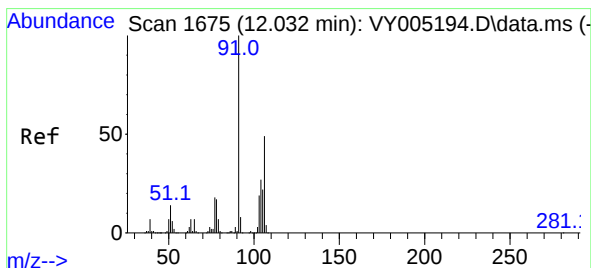
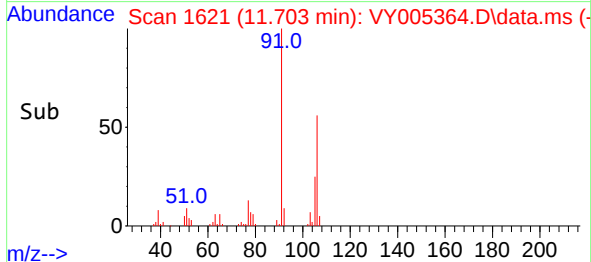
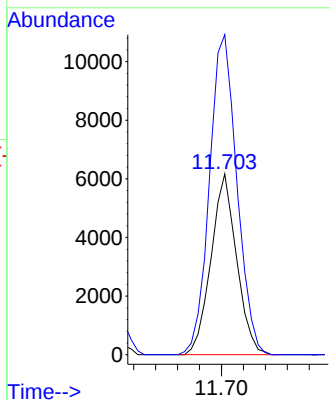
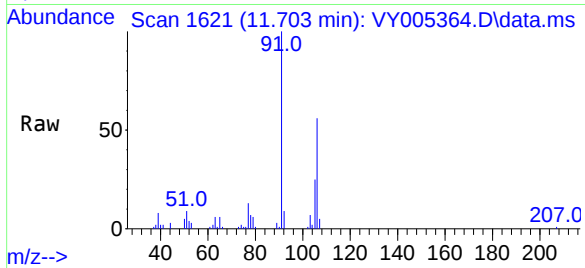




#68
m/p-Xylenes
Concen: 3.455 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY005364.D
Acq: 07 Jul 2021 14:27

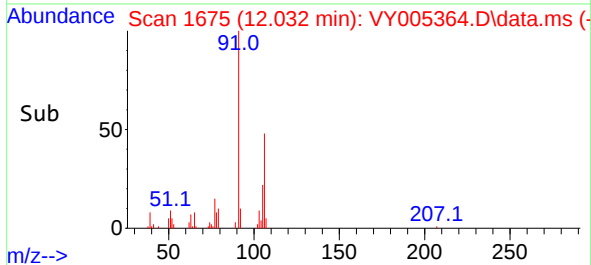
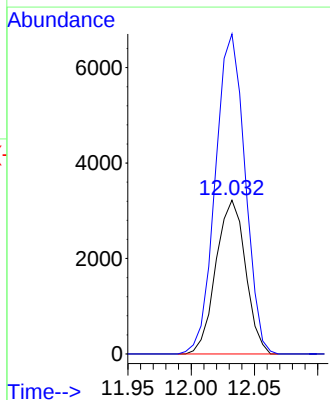
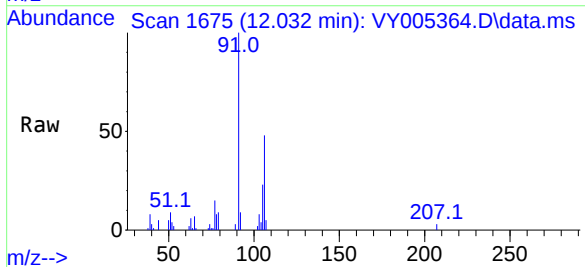
Instrument :
MSVOA_Y
ClientSampleId :
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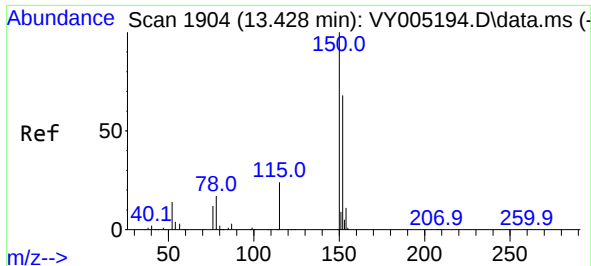
Tgt Ion:106 Resp: 9995
Ion Ratio Lower Upper
106 100
91 189.7 154.8 232.2



#69
o-Xylene
Concen: 1.914 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY005364.D
Acq: 07 Jul 2021 14:27

Tgt Ion:106 Resp: 5243
Ion Ratio Lower Upper
106 100
91 208.4 101.6 304.8

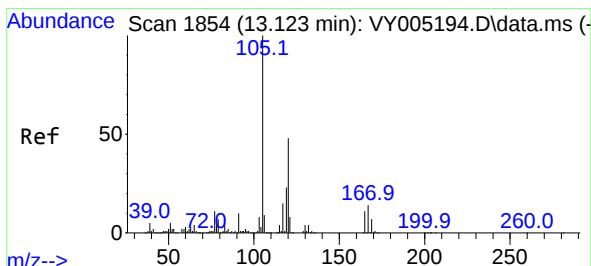
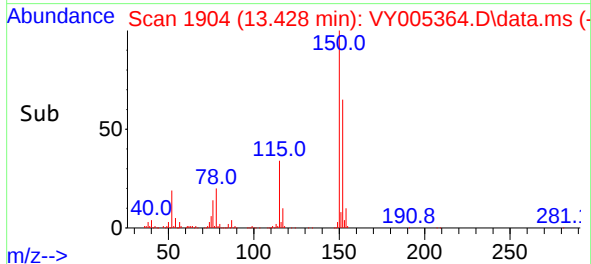
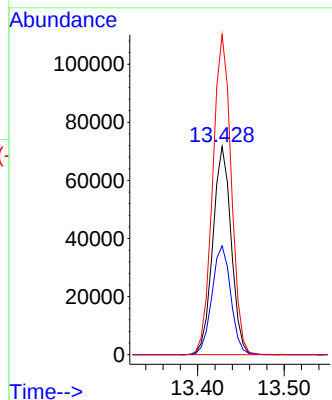
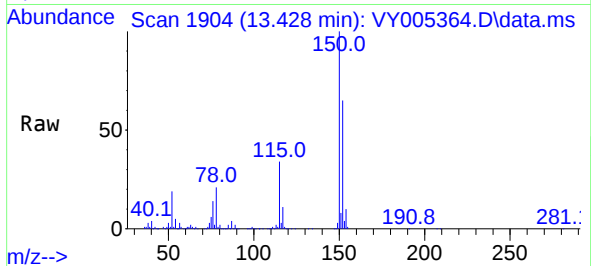




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005364.D
Acq: 07 Jul 2021 14:27

Instrument :
MSVOA_Y
ClientSampleId :
1

Tgt Ion:152 Resp: 105587
Ion Ratio Lower Upper
152 100
115 53.9 26.3 78.8
150 155.5 0.0 344.2



#84
1,2,4-Trimethylbenzene
Concen: 3.469 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY005364.D
Acq: 07 Jul 2021 14:27

Tgt Ion:105 Resp: 19429
Ion Ratio Lower Upper
105 100
120 46.9 23.6 71.0

