

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063021\
 Data File : VY005299.D
 Acq On : 30 Jun 2021 15:42
 Operator : SY/MD
 Sample : M2886-03RE
 Misc : 6.12G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 26878RE

Quant Time: Jul 01 06:38:33 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)

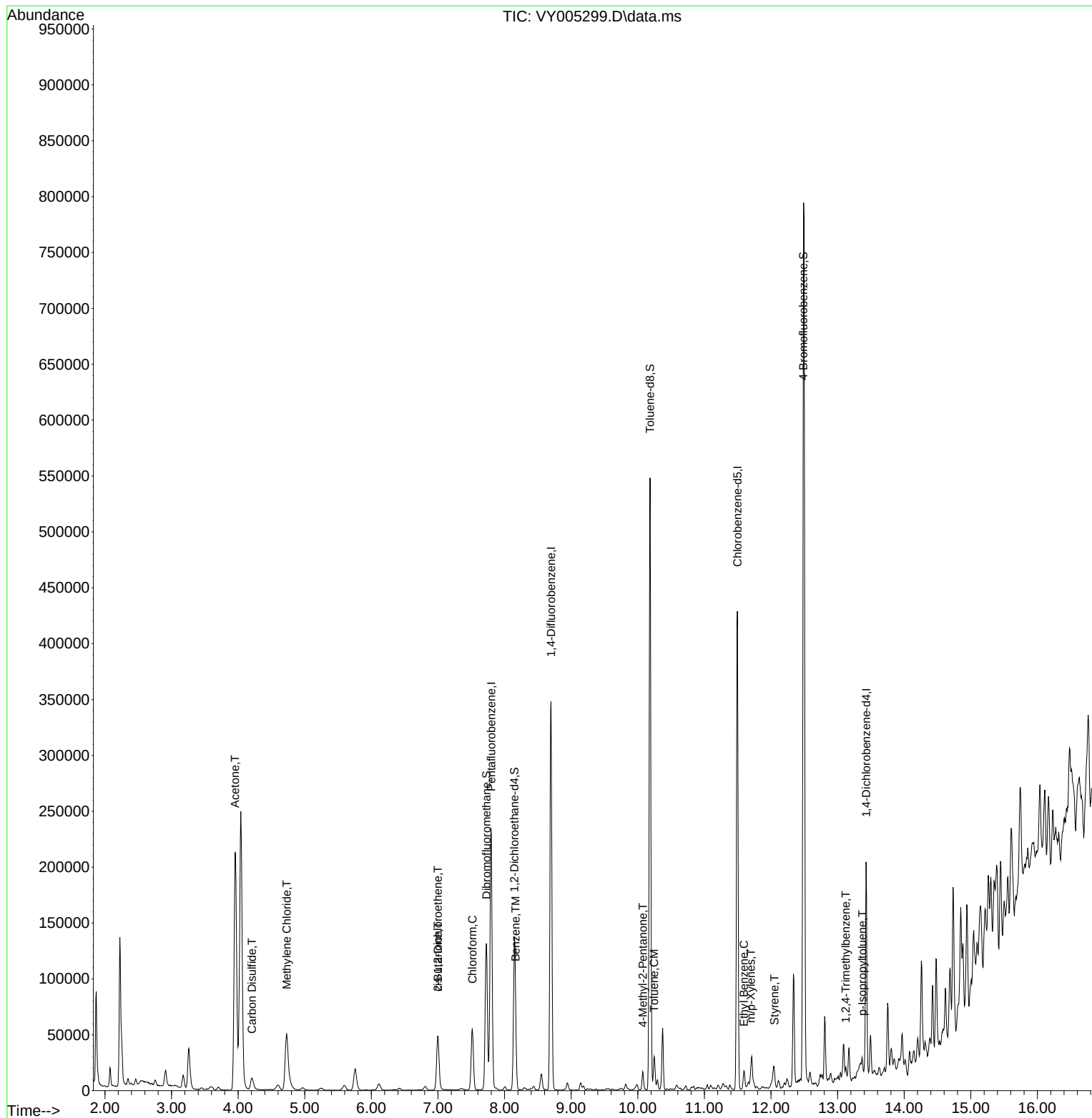
Internal Standards						
1) Pentafluorobenzene	7.801	168	197887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	307148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	242707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	50303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	100194	61.013	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.020%	
35) Dibromofluoromethane	7.728	113	93300	51.507	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.020%	
50) Toluene-d8	10.185	98	356724	49.244	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.480%	
62) 4-Bromofluorobenzene	12.483	95	82188	34.048	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 68.100%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	375371	989.472	ug/l	96
17) Carbon Disulfide	4.204	76	15090	2.928	ug/l	98
20) Methylene Chloride	4.729	84	38709	12.751	ug/l	95
25) 2-Butanone	6.996	43	66791	120.742	ug/l	90
27) cis-1,2-Dichloroethene	6.996	96	5436	2.649	ug/l	92
30) Chloroform	7.515	83	53256	17.236	ug/l	98
40) Benzene	8.167	78	16702	2.094	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	9589	7.146	ug/l	94
52) Toluene	10.246	92	11765	2.308	ug/l	99
67) Ethyl Benzene	11.593	91	9023	1.088	ug/l	99
68) m/p-Xylenes	11.697	106	4808	1.447	ug/l	96
70) Styrene	12.050	104	7503	1.418	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	5929	2.222	ug/l	95
86) p-Isopropyltoluene	13.373	119	8258	2.734	ug/l #	87

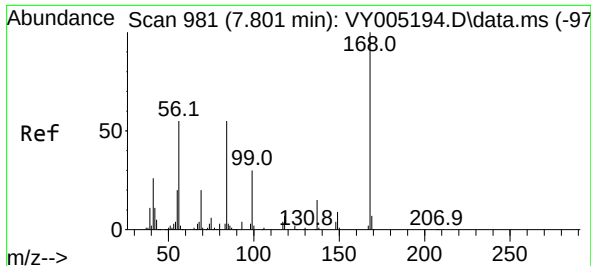
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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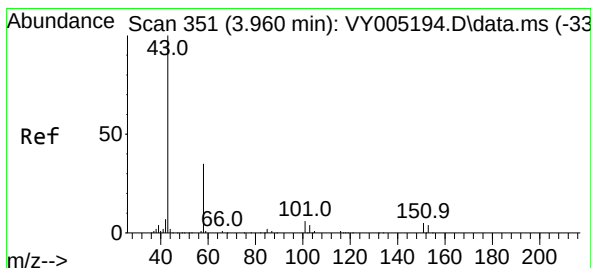
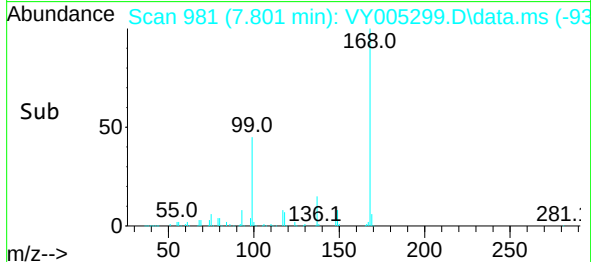
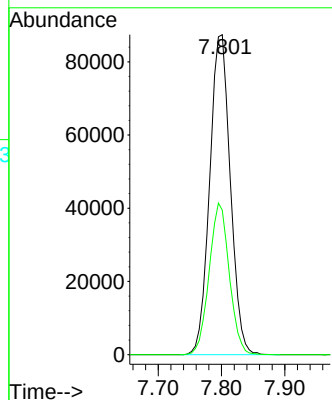
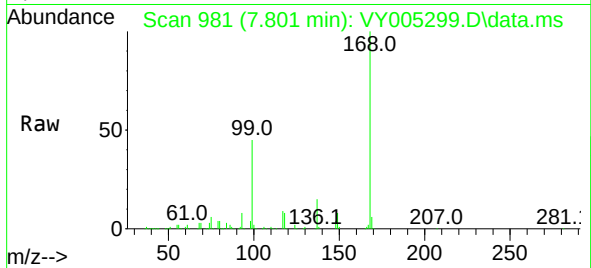




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005299.D
Acq: 30 Jun 2021 15:42

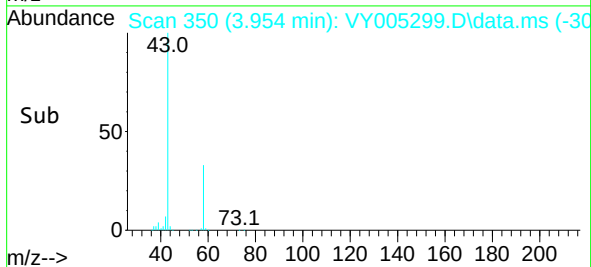
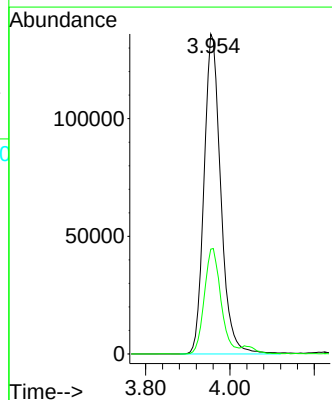
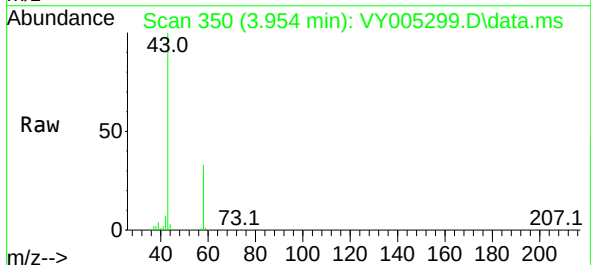
Instrument :
MSVOA_Y
ClientSampleId :
26878RE

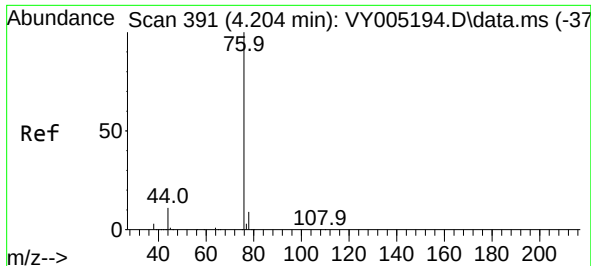
Tgt Ion:168 Resp: 197887
Ion Ratio Lower Upper
168 100
99 45.2 36.2 54.4



#16
Acetone
Concen: 989.472 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005299.D
Acq: 30 Jun 2021 15:42

Tgt Ion: 43 Resp: 375371
Ion Ratio Lower Upper
43 100
58 32.7 28.2 42.2

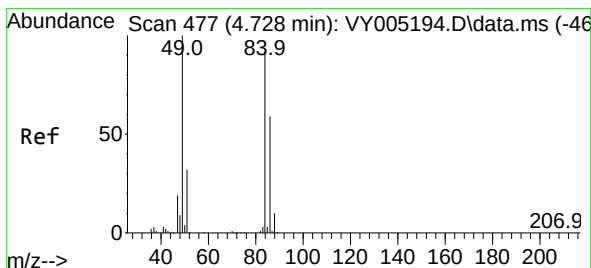
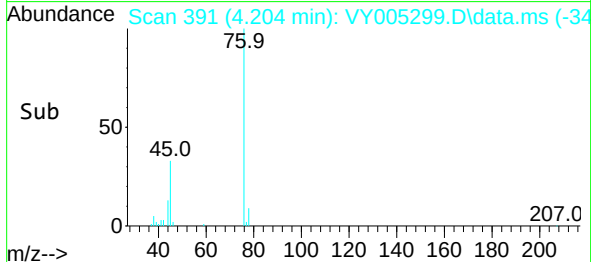
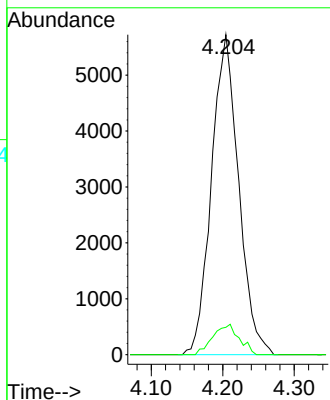
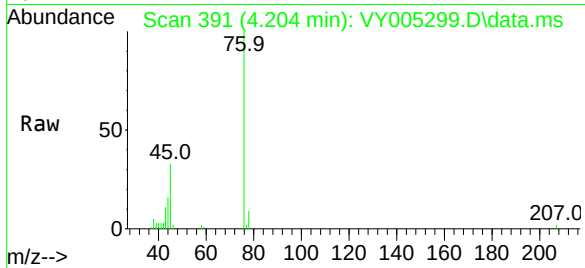




#17
Carbon Disulfide
Concen: 2.928 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY005299.D
Acq: 30 Jun 2021 15:42

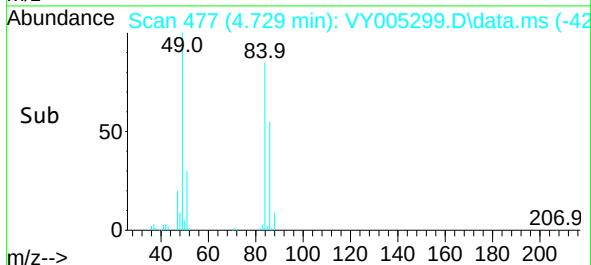
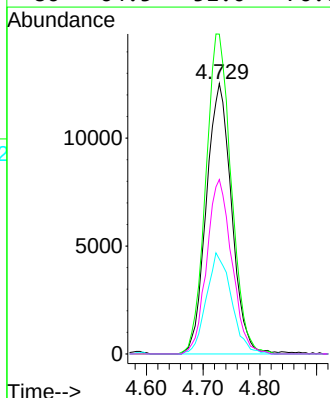
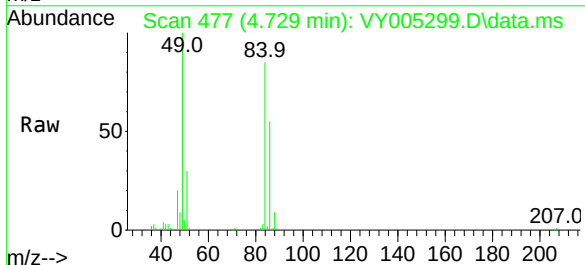
Instrument :
MSVOA_Y
ClientSampleId :
26878RE

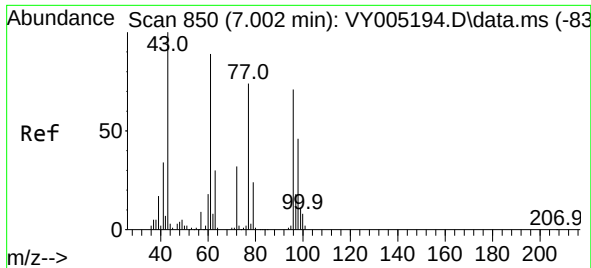
Tgt Ion: 76 Resp: 15090
Ion Ratio Lower Upper
76 100
78 8.5 7.3 10.9



#20
Methylene Chloride
Concen: 12.751 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.001 min
Lab File: VY005299.D
Acq: 30 Jun 2021 15:42

Tgt Ion: 84 Resp: 38709
Ion Ratio Lower Upper
84 100
49 118.3 86.9 130.3
51 35.1 27.4 41.2
86 64.5 51.0 76.6

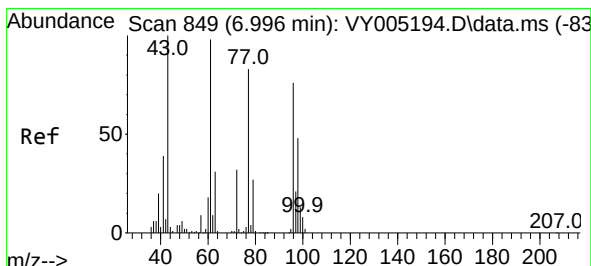
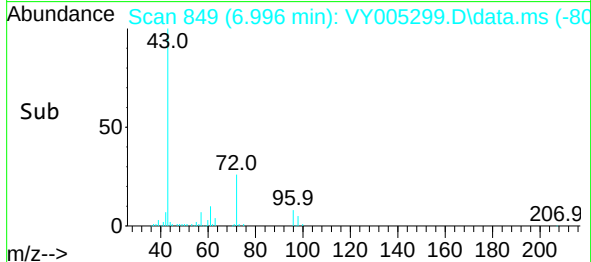
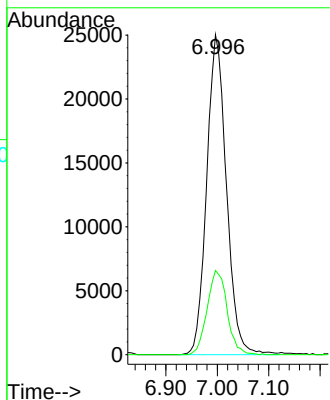
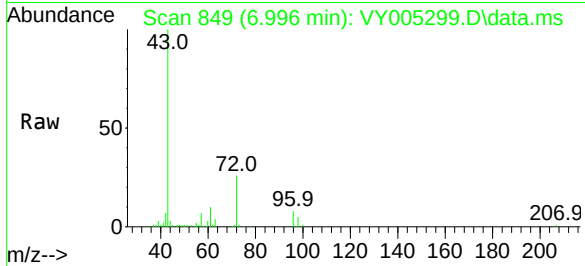




#25
2-Butanone
Concen: 120.742 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY005299.D
Acq: 30 Jun 2021 15:42

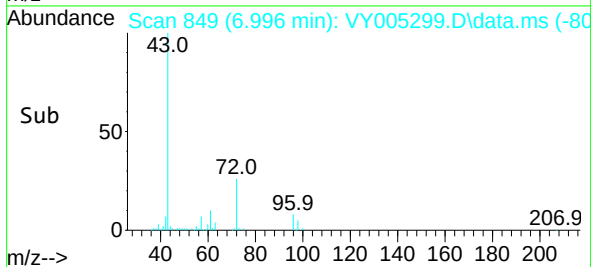
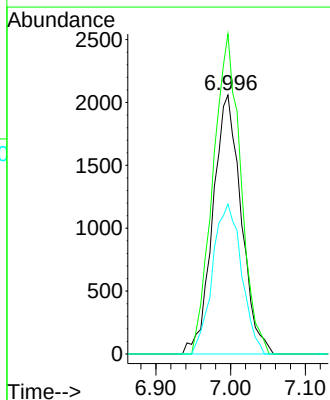
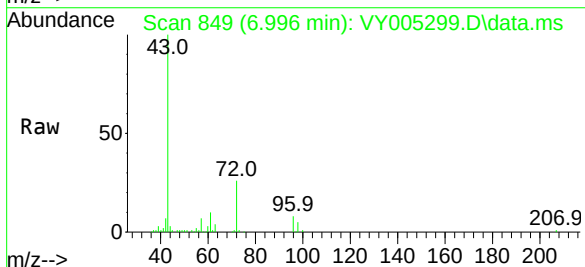
Instrument :
MSVOA_Y
ClientSampleId :
26878RE

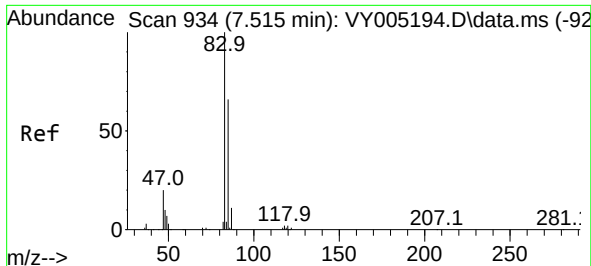
Tgt Ion: 43 Resp: 66791
Ion Ratio Lower Upper
43 100
72 26.3 25.3 37.9



#27
cis-1,2-Dichloroethene
Concen: 2.649 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY005299.D
Acq: 30 Jun 2021 15:42

Tgt Ion: 96 Resp: 5436
Ion Ratio Lower Upper
96 100
61 121.1 0.0 261.6
98 59.2 0.0 129.4

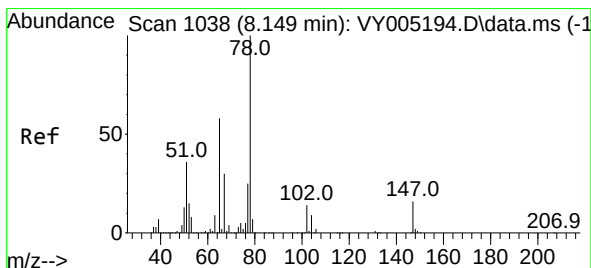
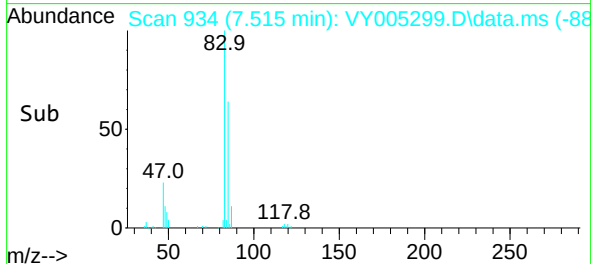
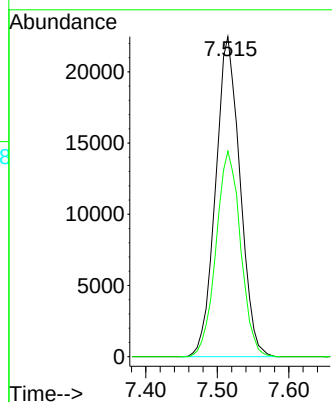
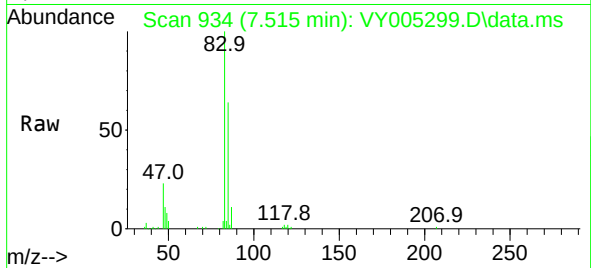




#30
Chloroform
Concen: 17.236 ug/l
RT: 7.515 min Scan# 934
Delta R.T. 0.000 min
Lab File: VY005299.D
Acq: 30 Jun 2021 15:42

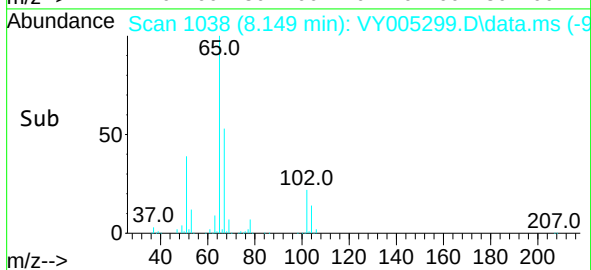
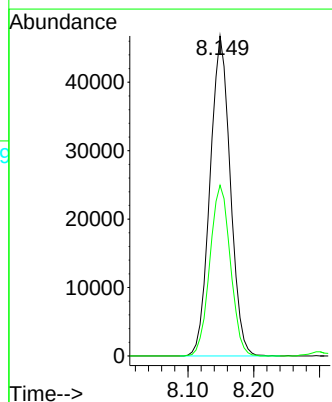
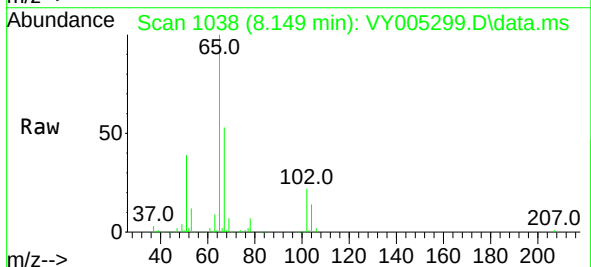
Instrument :
MSVOA_Y
ClientSampleId :
26878RE

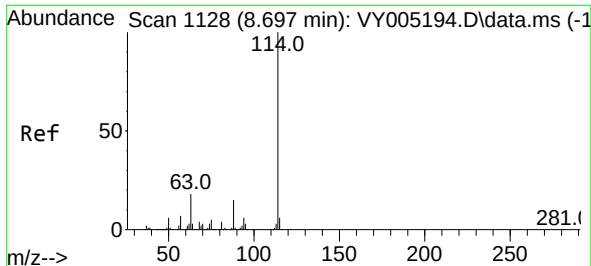
Tgt Ion: 83 Resp: 53256
Ion Ratio Lower Upper
83 100
85 64.2 52.7 79.1



#33
1,2-Dichloroethane-d4
Concen: 61.013 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005299.D
Acq: 30 Jun 2021 15:42

Tgt Ion: 65 Resp: 100194
Ion Ratio Lower Upper
65 100
67 54.1 0.0 110.6

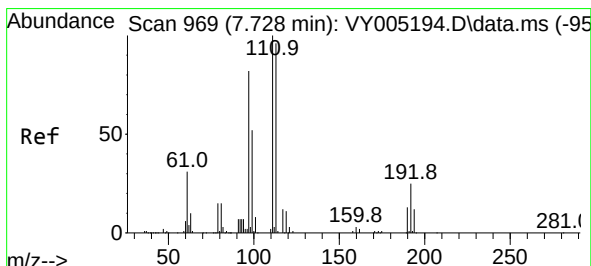
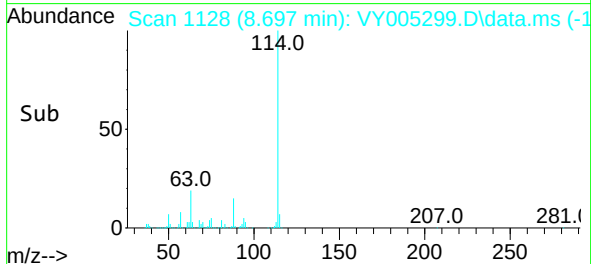
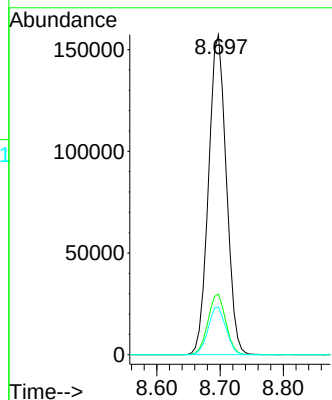
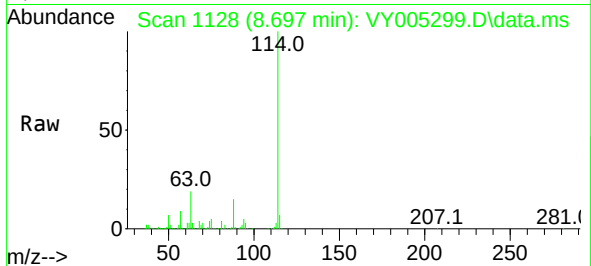




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005299.D
Acq: 30 Jun 2021 15:42

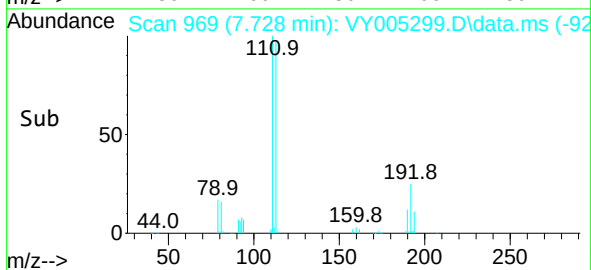
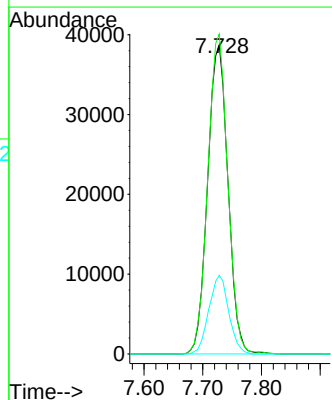
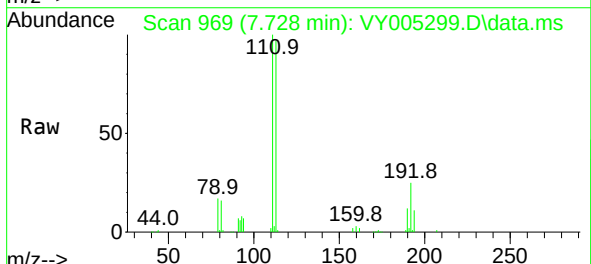
Instrument :
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ClientSampleId :
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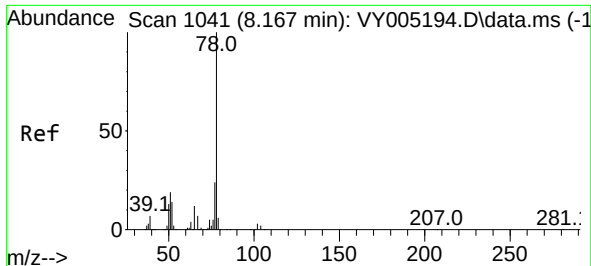
Tgt Ion:	114	Resp:	307148
Ion Ratio	Lower	Upper	
114	100		
63	19.0	0.0	35.2
88	14.9	0.0	29.4



#35
Dibromofluoromethane
Concen: 51.507 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005299.D
Acq: 30 Jun 2021 15:42

Tgt Ion:	113	Resp:	93300
Ion Ratio	Lower	Upper	
113	100		
111	101.7	82.6	124.0
192	24.8	20.2	30.2

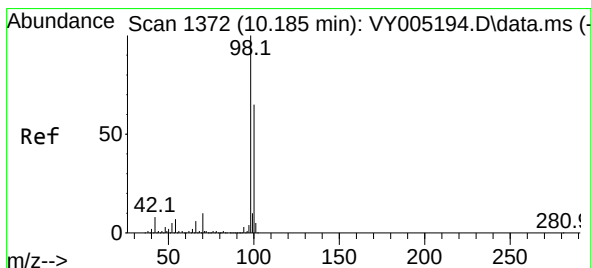
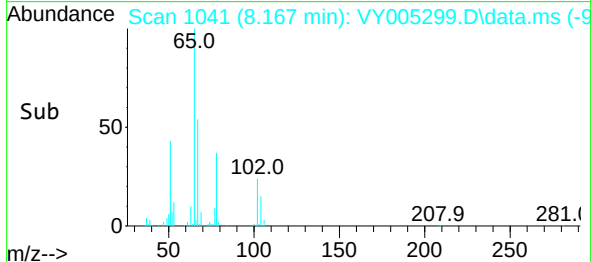
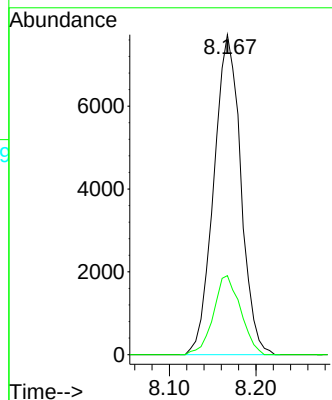
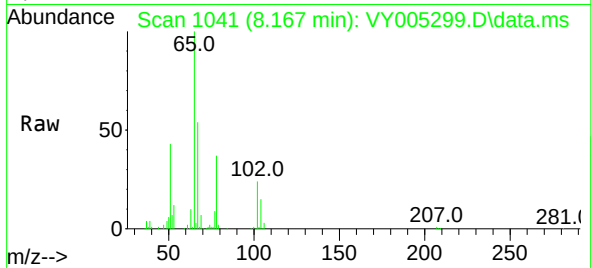




#40
Benzene
Concen: 2.094 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY005299.D
Acq: 30 Jun 2021 15:42

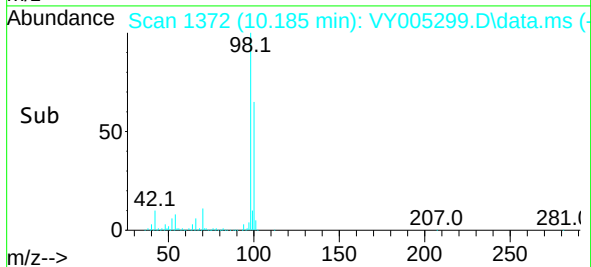
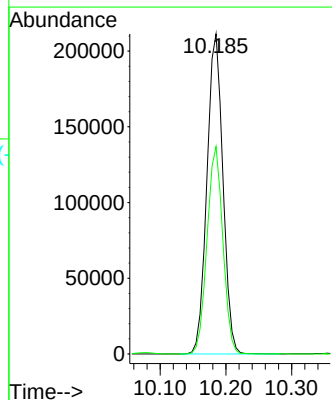
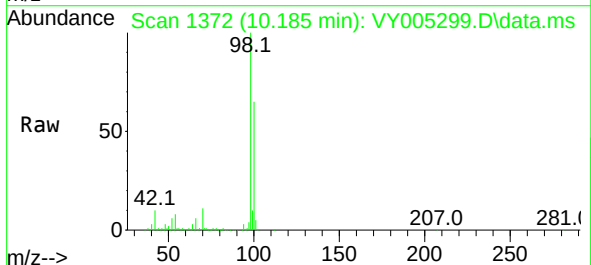
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26878RE

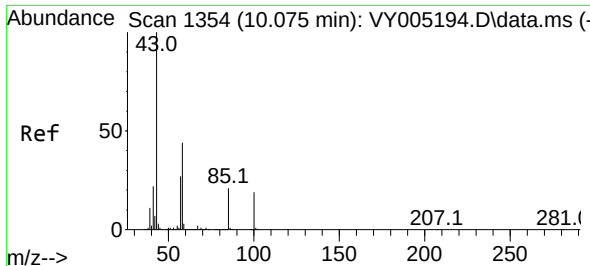
Tgt Ion: 78 Resp: 16702
Ion Ratio Lower Upper
78 100
77 24.7 19.1 28.7



#50
Toluene-d8
Concen: 49.244 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005299.D
Acq: 30 Jun 2021 15:42

Tgt Ion: 98 Resp: 356724
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9

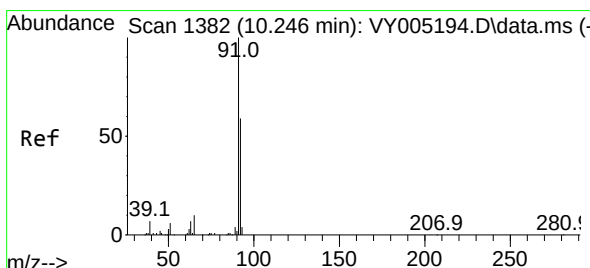
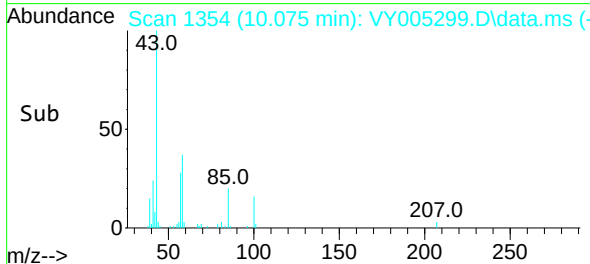
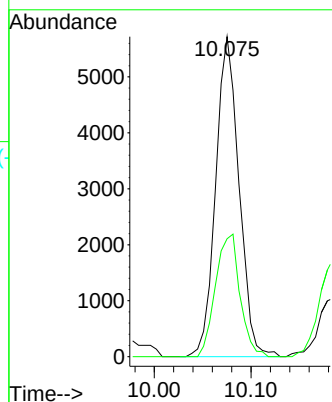
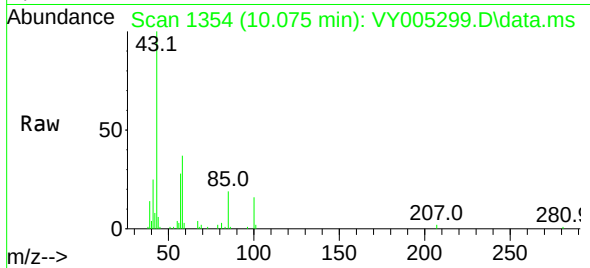




#51
4-Methyl-2-Pentanone
Concen: 7.146 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY005299.D
Acq: 30 Jun 2021 15:42

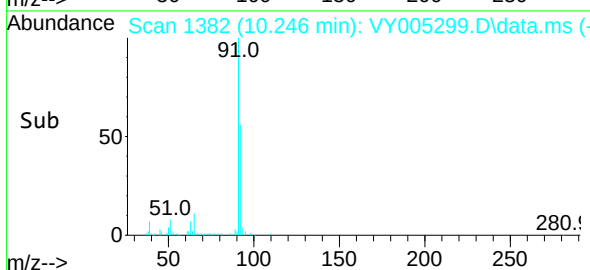
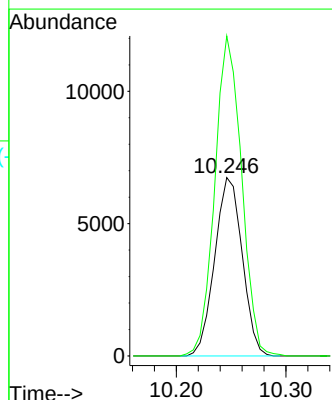
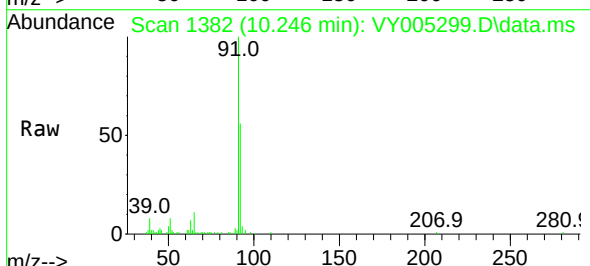
Instrument :
MSVOA_Y
ClientSampled :
26878RE

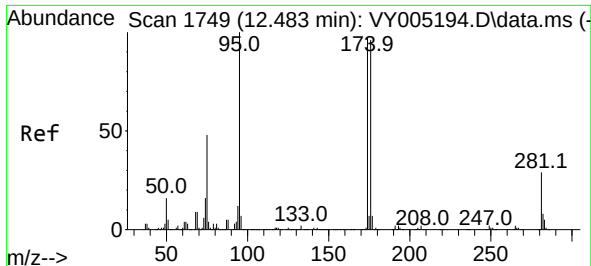
Tgt Ion: 43 Resp: 9589
Ion Ratio Lower Upper
43 100
58 40.1 35.3 52.9



#52
Toluene
Concen: 2.308 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY005299.D
Acq: 30 Jun 2021 15:42

Tgt Ion: 92 Resp: 11765
Ion Ratio Lower Upper
92 100
91 174.7 138.3 207.5

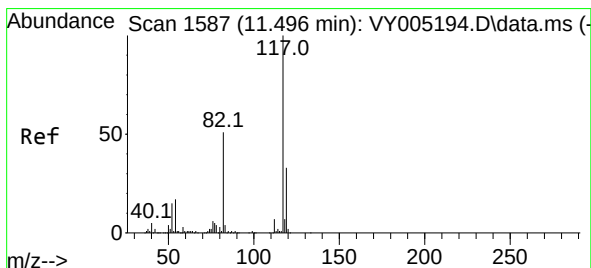
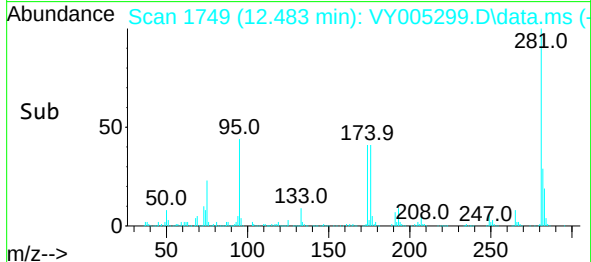
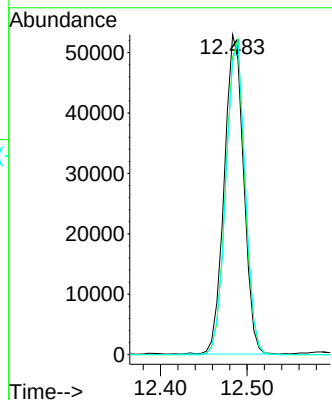
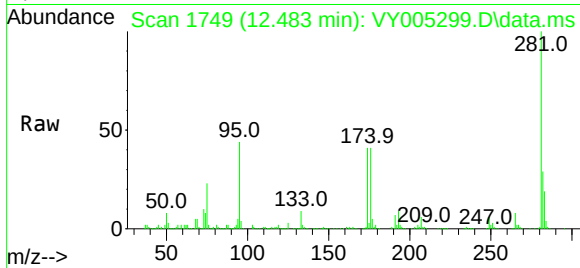




#62
4-Bromofluorobenzene
Concen: 34.048 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005299.D
Acq: 30 Jun 2021 15:42

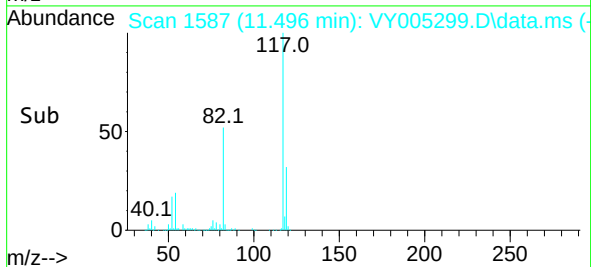
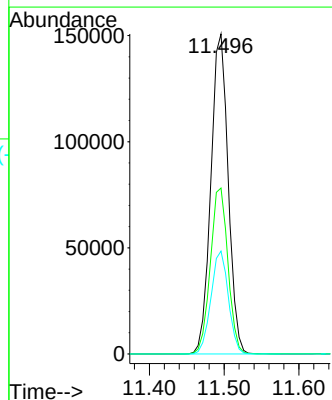
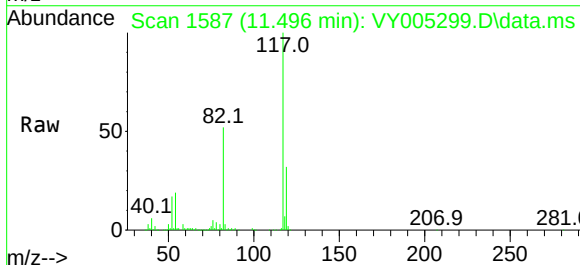
Instrument :
MSVOA_Y
ClientSampleId :
26878RE

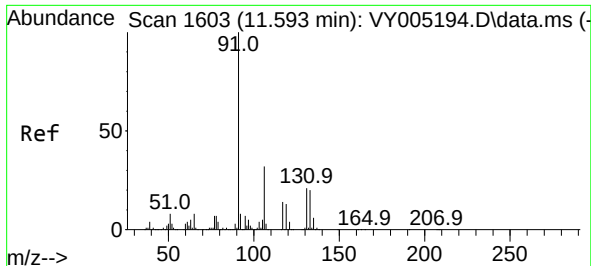
Tgt Ion: 95 Resp: 82188
Ion Ratio Lower Upper
95 100
174 96.8 0.0 201.6
176 97.3 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005299.D
Acq: 30 Jun 2021 15:42

Tgt Ion: 117 Resp: 242707
Ion Ratio Lower Upper
117 100
82 51.9 40.6 60.8
119 32.1 26.1 39.1

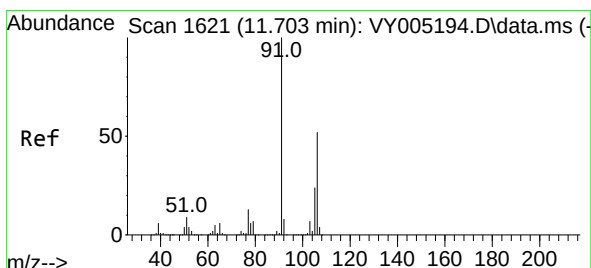
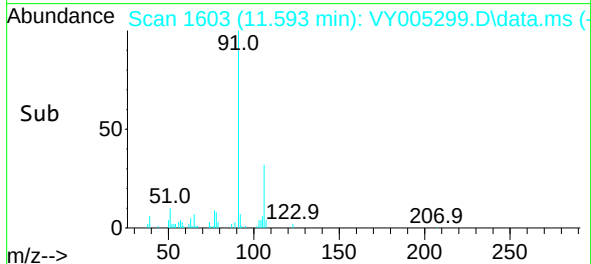
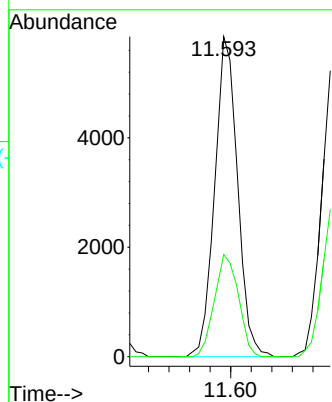
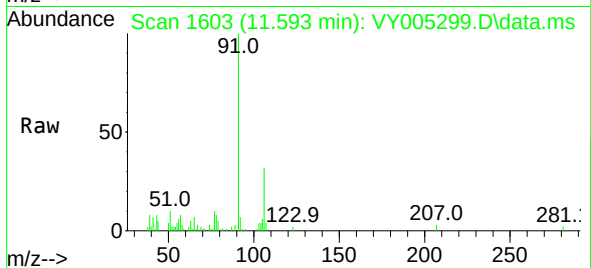




#67
Ethyl Benzene
Concen: 1.088 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY005299.D
Acq: 30 Jun 2021 15:42

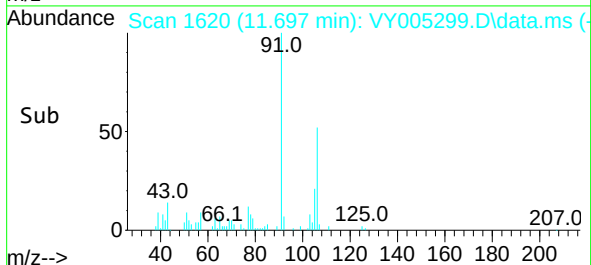
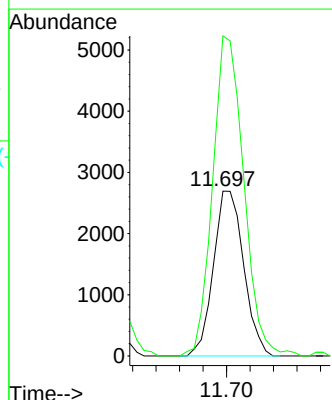
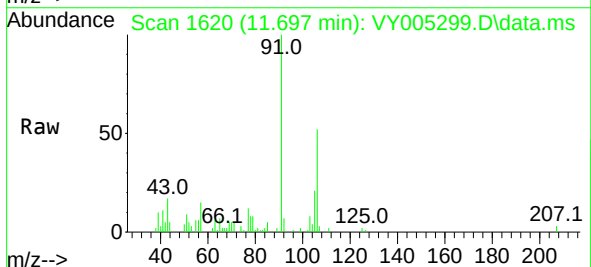
Instrument :
MSVOA_Y
ClientSampleId :
26878RE

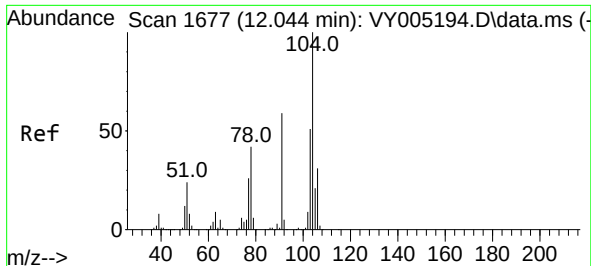
Tgt Ion: 91 Resp: 9023
Ion Ratio Lower Upper
91 100
106 31.9 25.8 38.6



#68
m/p-Xylenes
Concen: 1.447 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY005299.D
Acq: 30 Jun 2021 15:42

Tgt Ion: 106 Resp: 4808
Ion Ratio Lower Upper
106 100
91 200.2 154.8 232.2

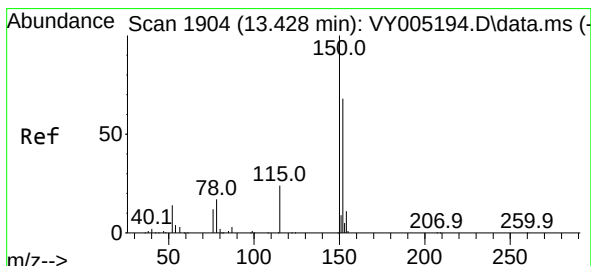
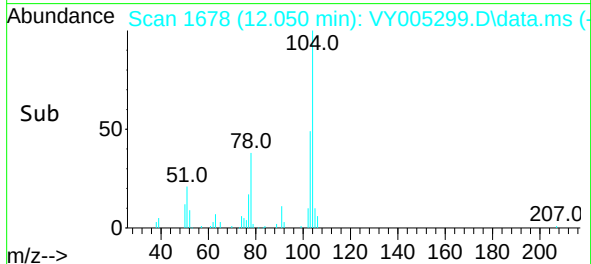
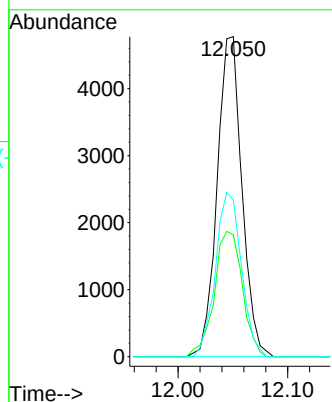
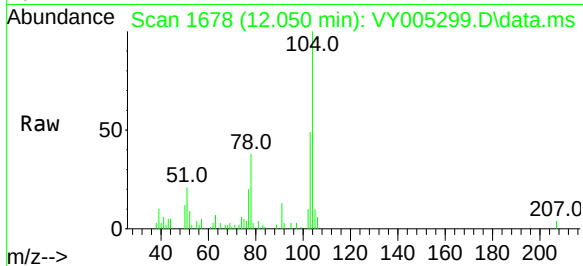




#70
Styrene
Concen: 1.418 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY005299.D
Acq: 30 Jun 2021 15:42

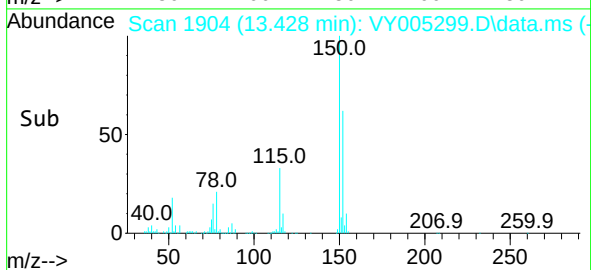
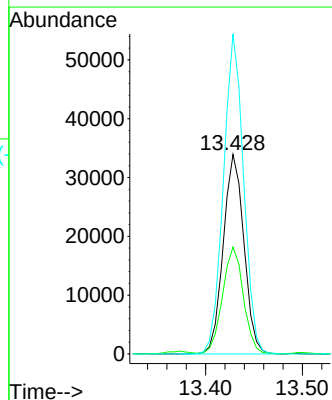
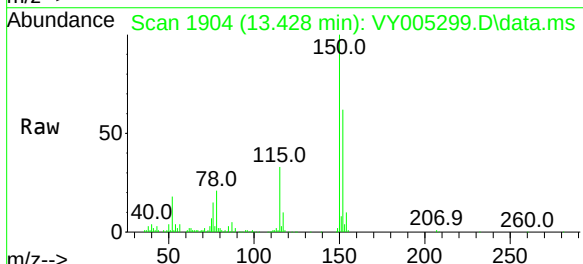
Instrument :
MSVOA_Y
ClientSampleId :
26878RE

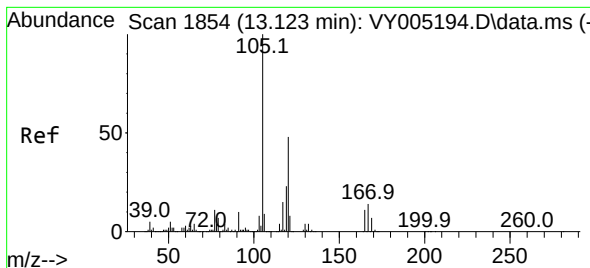
Tgt Ion:	104	Resp:	7503
Ion Ratio	Lower	Upper	
104	100		
78	44.3	36.4	54.6
103	53.8	43.8	65.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005299.D
Acq: 30 Jun 2021 15:42

Tgt Ion:	152	Resp:	50303
Ion Ratio	Lower	Upper	
152	100		
115	54.1	26.3	78.8
150	156.5	0.0	344.2





#84

1,2,4-Trimethylbenzene

Concen: 2.222 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY005299.D

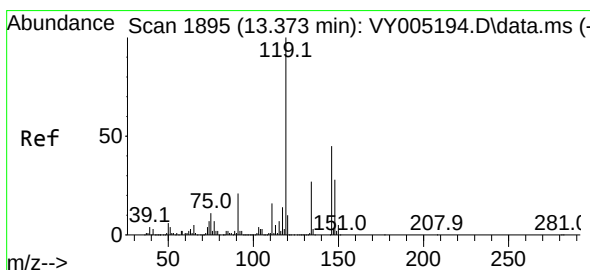
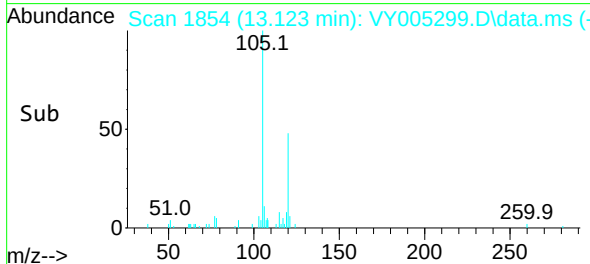
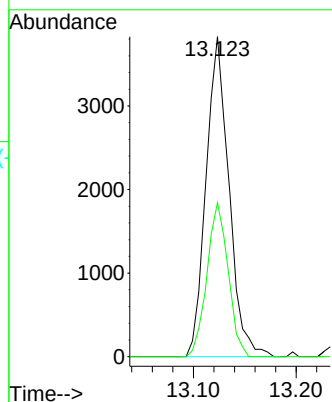
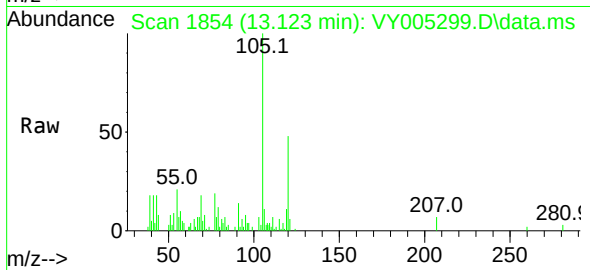
Acq: 30 Jun 2021 15:42

Tgt Ion:105 Resp: 5929

Ion Ratio Lower Upper

105 100

120 44.3 23.6 71.0



#86

p-Isopropyltoluene

Concen: 2.734 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY005299.D

Acq: 30 Jun 2021 15:42

Tgt Ion:119 Resp: 8258

Ion Ratio Lower Upper

119 100

134 28.2 13.9 41.6

91 34.4 10.8 32.3#

