

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031121\
 Data File : VY004082.D
 Acq On : 11 Mar 2021 17:14
 Operator : SY/MD
 Sample : M1650-01
 Misc : 7.49g/5mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-031121

Quant Time: Mar 12 01:20:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

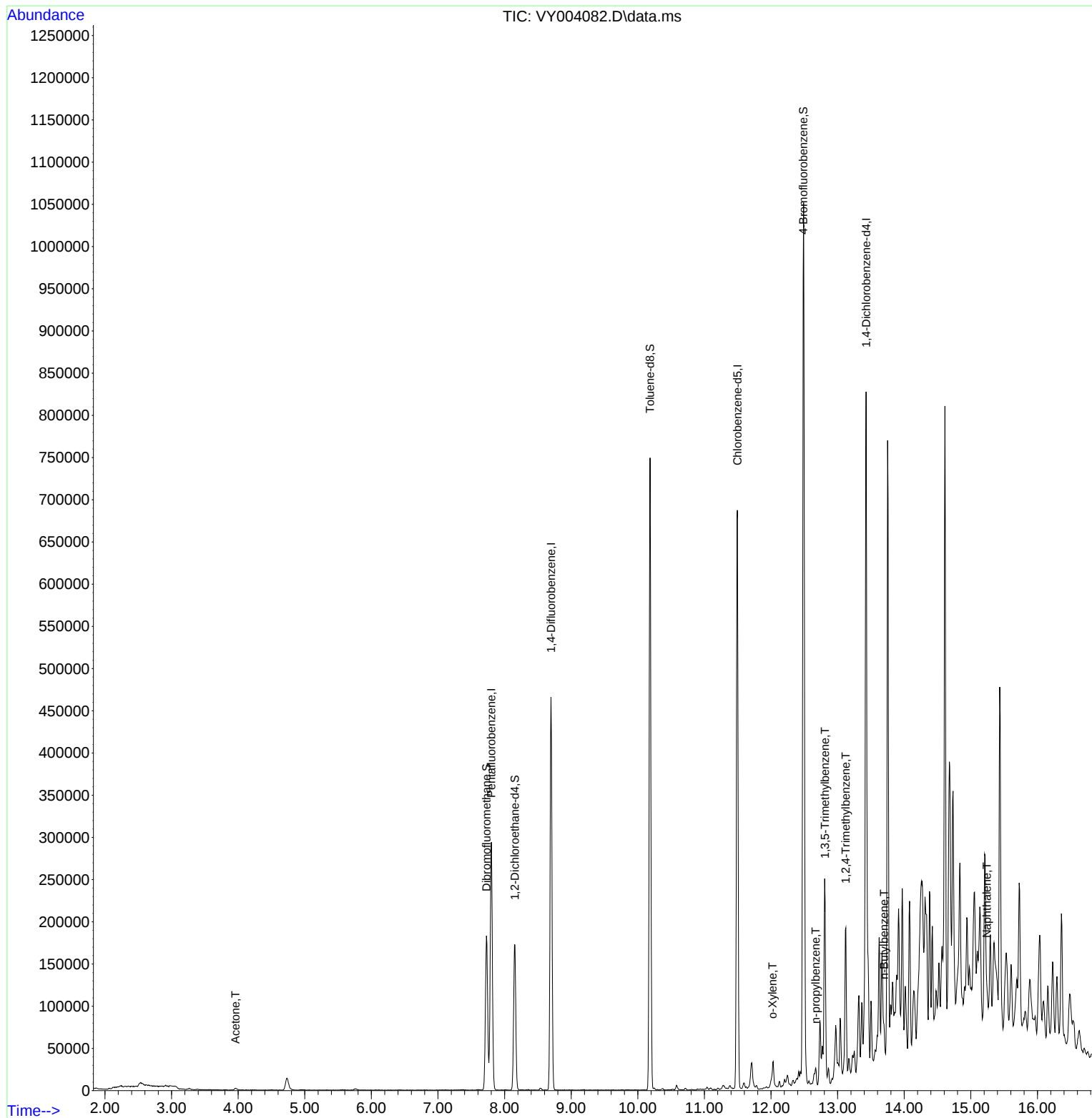
Internal Standards						
1) Pentafluorobenzene	7.801	168	233837	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	405078	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	384804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	185993	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	137247	59.48	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.96%			
35) Dibromofluoromethane	7.728	113	127424	55.78	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.56%			
50) Toluene-d8	10.185	98	485219	54.18	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.36%			
62) 4-Bromofluorobenzene	12.483	95	176880	53.48	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.96%			
Target Compounds					Qvalue	
16) Acetone	3.960	43	3868	6.94	ug/l	95
69) o-Xylene	12.026	106	7484	1.53	ug/l	96
78) n-propylbenzene	12.672	91	15552	1.02	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	39936	3.64	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	93923	8.55	ug/l	97
89) n-Butylbenzene	13.696	91	18416	1.60	ug/l #	72
95) Naphthalene	15.239	128	14902	2.17	ug/l #	80

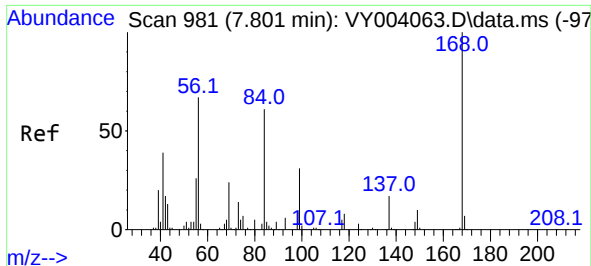
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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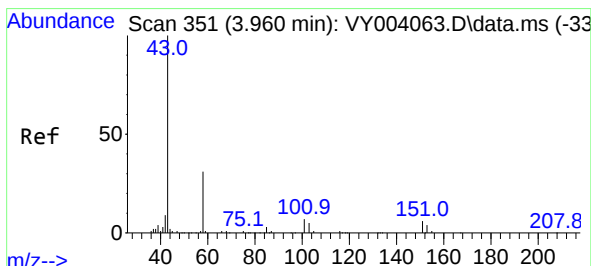
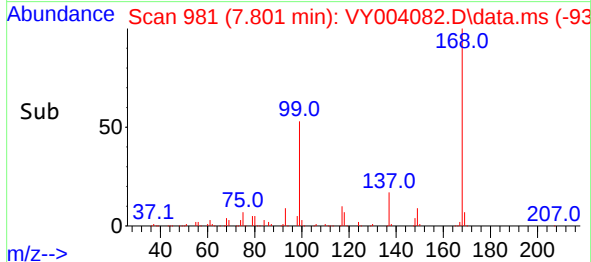
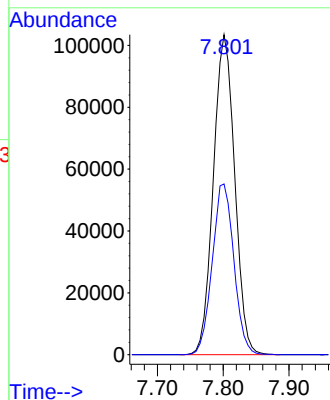
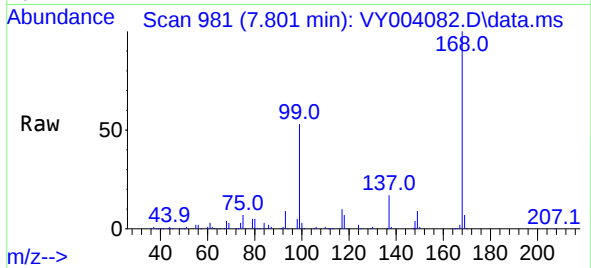




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004082.D
Acq: 11 Mar 2021 17:14

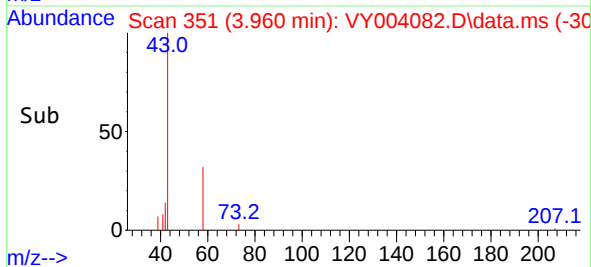
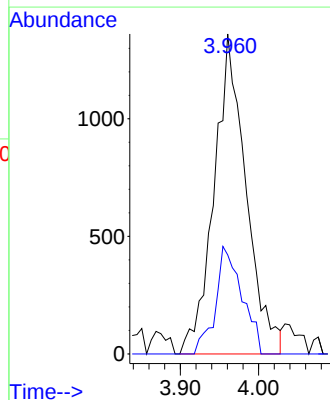
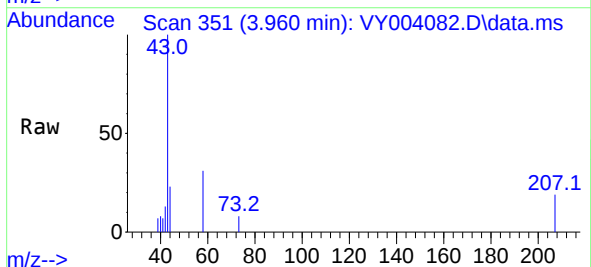
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-031121

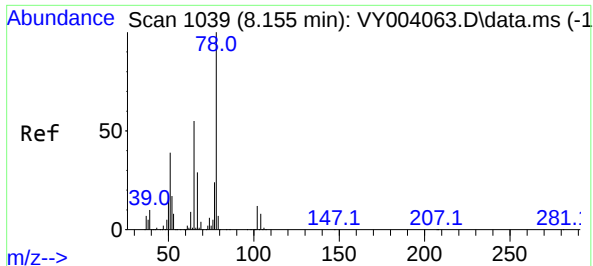
Tgt Ion:168 Resp: 233837
Ion Ratio Lower Upper
168 100
99 53.3 41.2 61.8



#16
Acetone
Concen: 6.94 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004082.D
Acq: 11 Mar 2021 17:14

Tgt Ion: 43 Resp: 3868
Ion Ratio Lower Upper
43 100
58 30.9 22.6 34.0

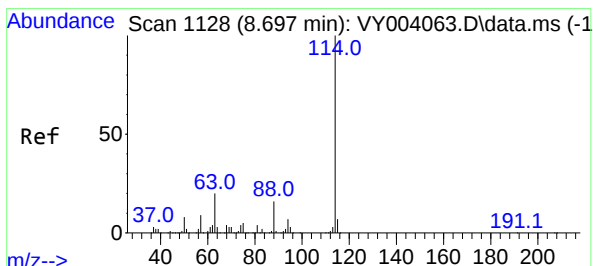
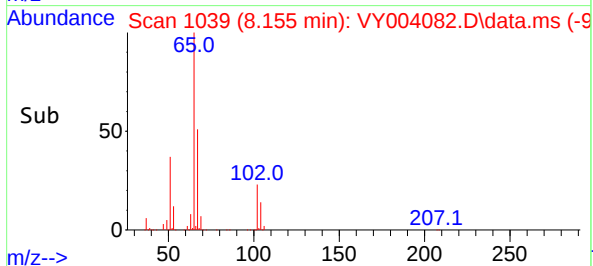
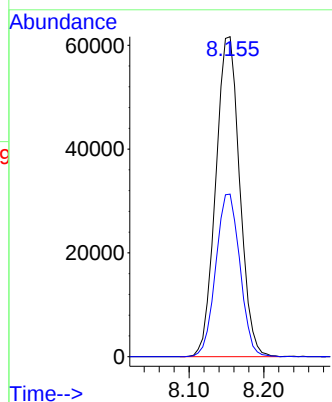
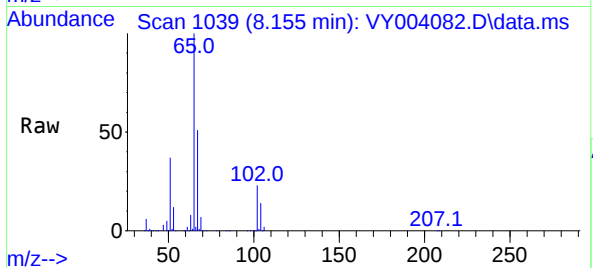




#33
1,2-Dichloroethane-d4
Concen: 59.48 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004082.D
Acq: 11 Mar 2021 17:14

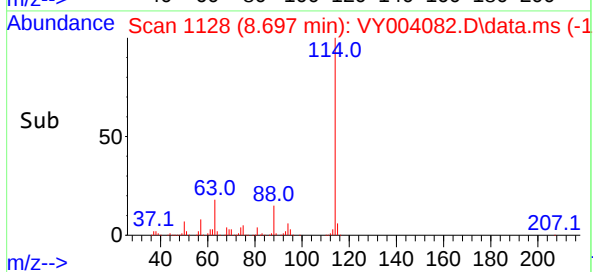
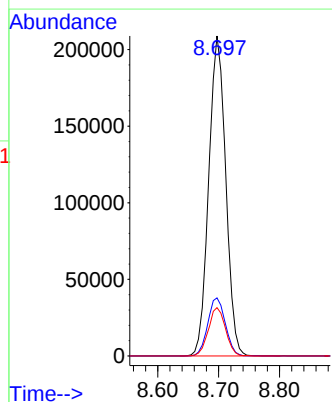
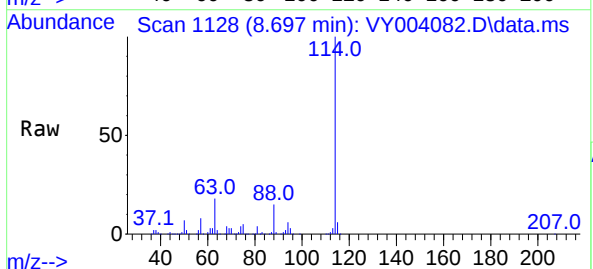
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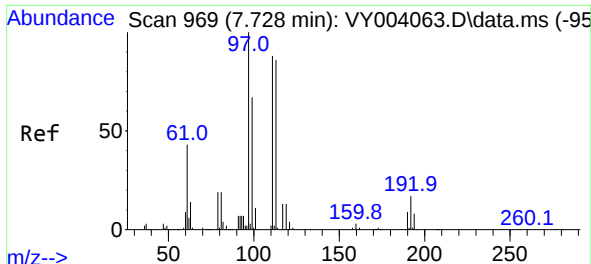
Tgt Ion: 65 Resp: 137247
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004082.D
Acq: 11 Mar 2021 17:14

Tgt Ion:114 Resp: 405078
Ion Ratio Lower Upper
114 100
63 18.2 0.0 41.6
88 15.1 0.0 31.4

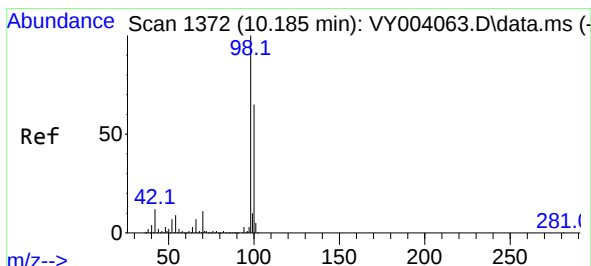
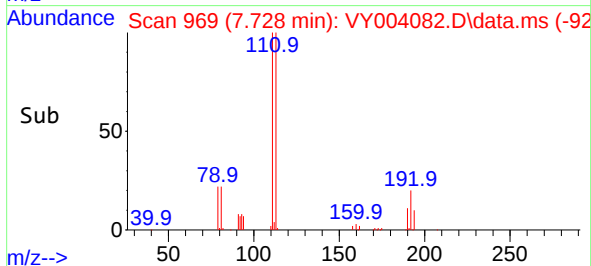
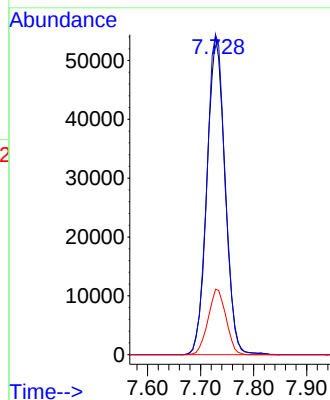
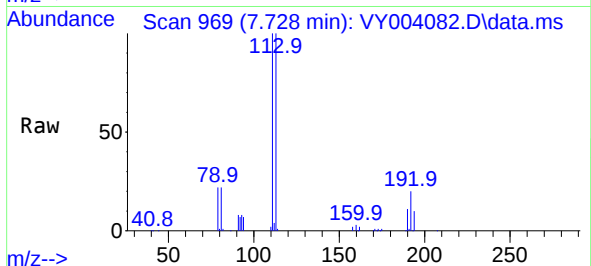




#35
Dibromofluoromethane
Concen: 55.78 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004082.D
Acq: 11 Mar 2021 17:14

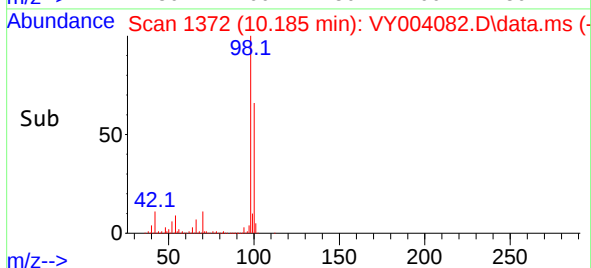
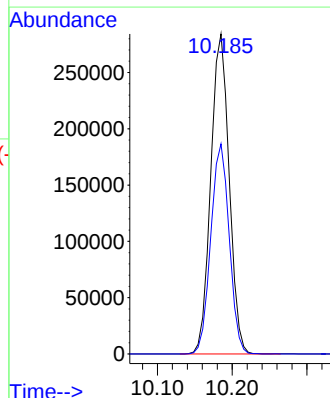
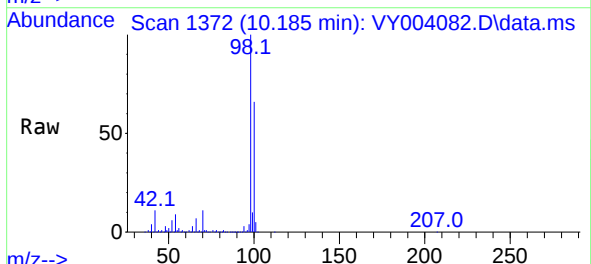
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-031121

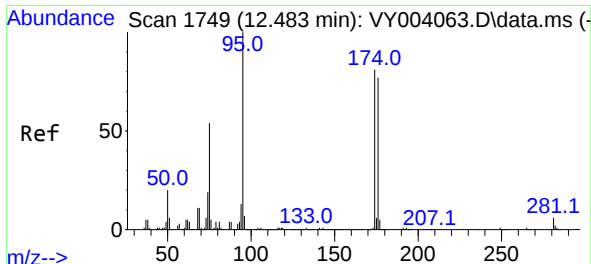
Tgt Ion:113 Resp: 127424
Ion Ratio Lower Upper
113 100
111 102.3 83.2 124.8
192 20.5 18.5 27.7



#50
Toluene-d8
Concen: 54.18 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004082.D
Acq: 11 Mar 2021 17:14

Tgt Ion: 98 Resp: 485219
Ion Ratio Lower Upper
98 100
100 65.8 51.8 77.6



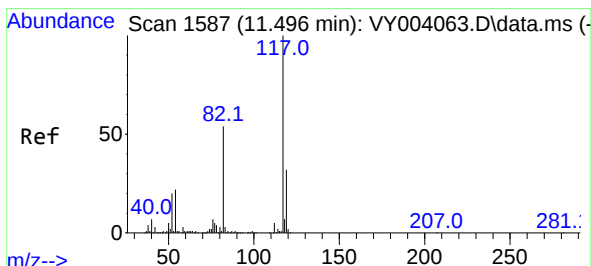
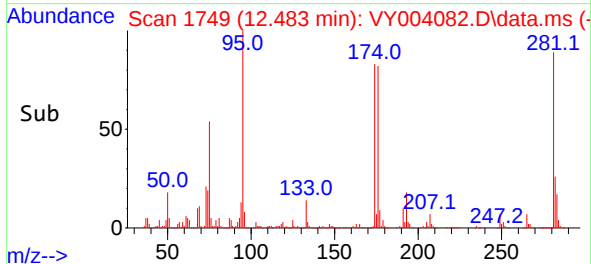
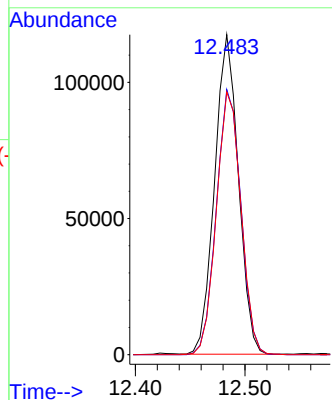
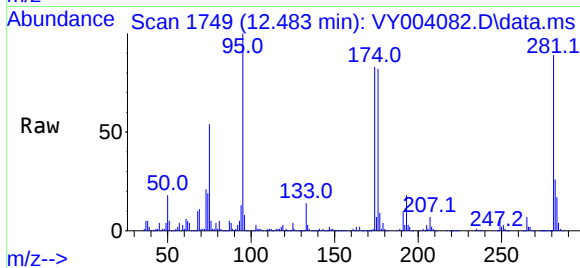


#62
4-Bromofluorobenzene
Concen: 53.48 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004082.D
Acq: 11 Mar 2021 17:14

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-031121

Tgt Ion: 95 Resp: 176880

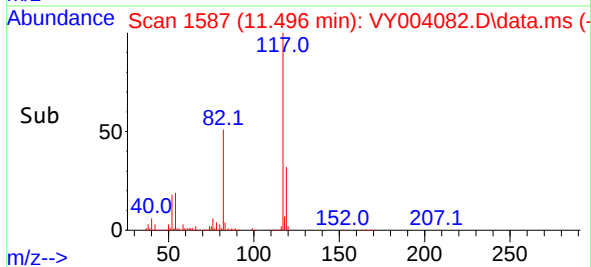
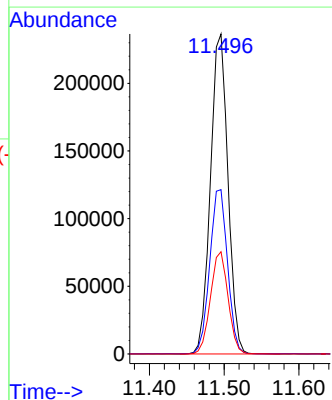
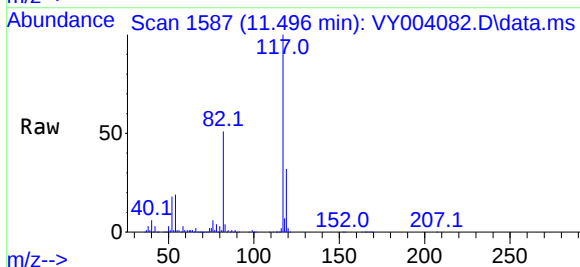
Ion	Ratio	Lower	Upper
95	100		
174	85.4	0.0	179.0
176	84.9	0.0	174.4

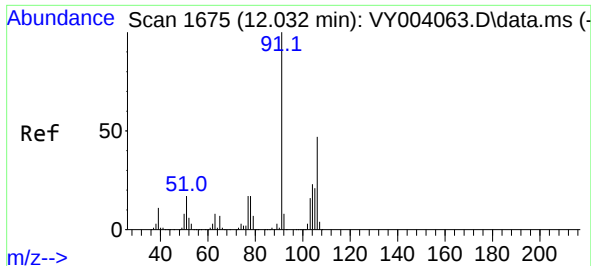


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004082.D
Acq: 11 Mar 2021 17:14

Tgt Ion: 117 Resp: 384804

Ion	Ratio	Lower	Upper
117	100		
82	51.3	43.8	65.6
119	32.0	26.2	39.2

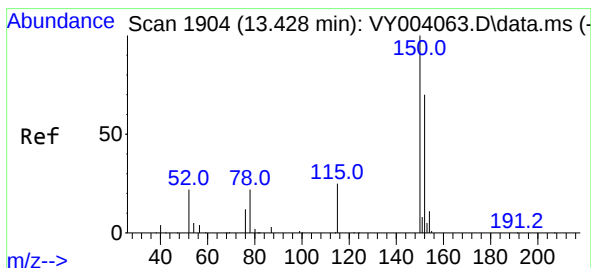
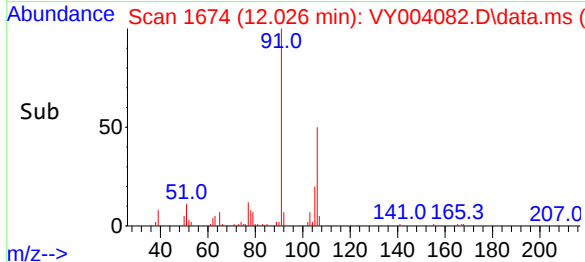
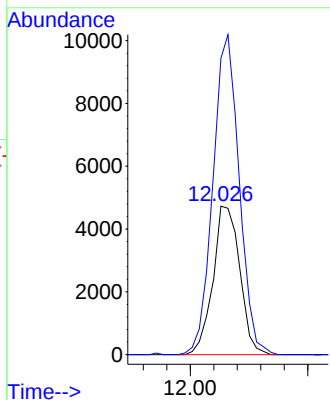
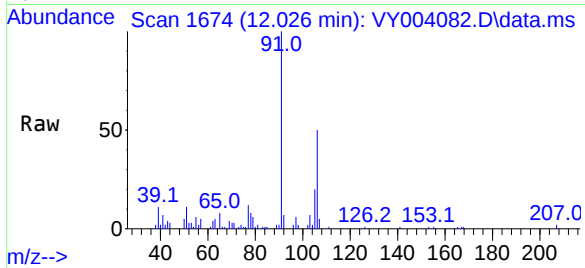




#69
o-Xylene
Concen: 1.53 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY004082.D
Acq: 11 Mar 2021 17:14

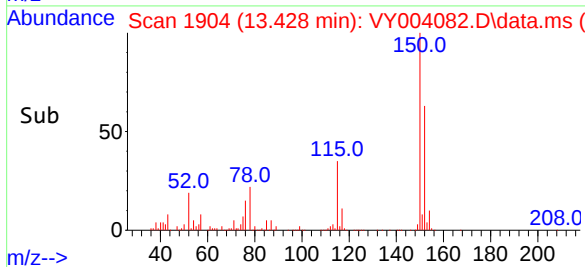
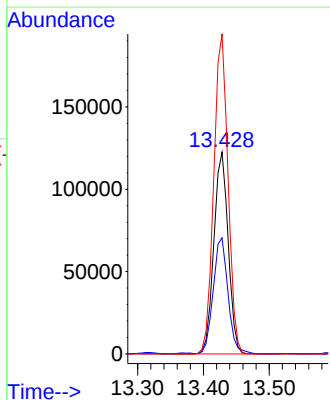
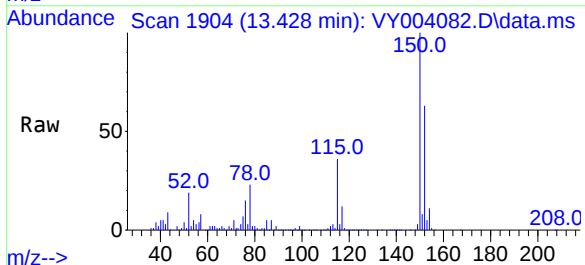
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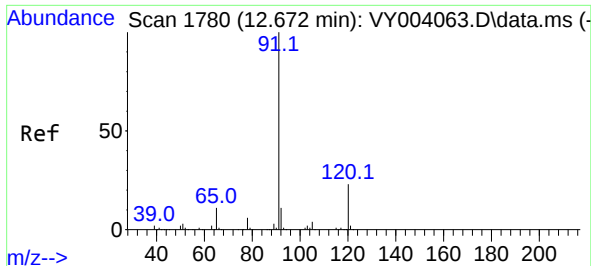
Tgt Ion:106 Resp: 7484
Ion Ratio Lower Upper
106 100
91 211.6 108.9 326.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004082.D
Acq: 11 Mar 2021 17:14

Tgt Ion:152 Resp: 185993
Ion Ratio Lower Upper
152 100
115 59.5 28.2 84.6
150 157.2 0.0 347.2

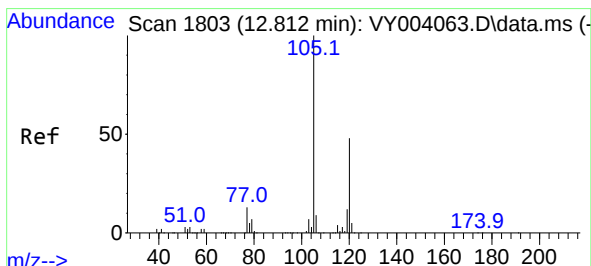
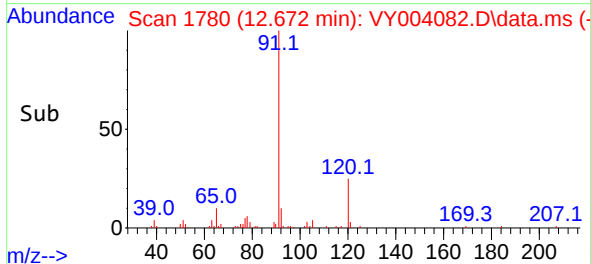
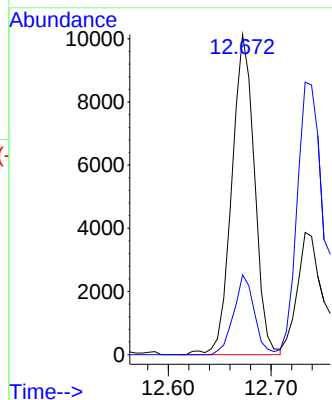
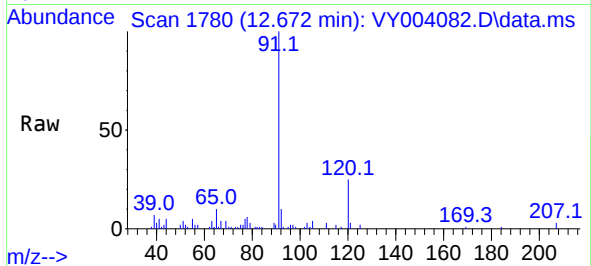




#78
n-propylbenzene
Concen: 1.02 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY004082.D
Acq: 11 Mar 2021 17:14

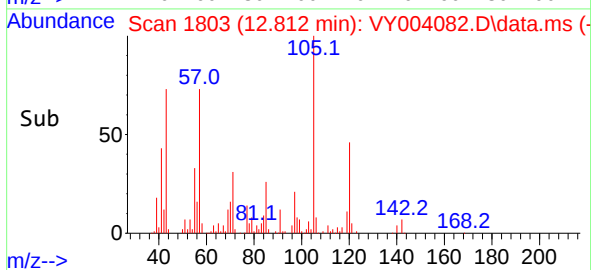
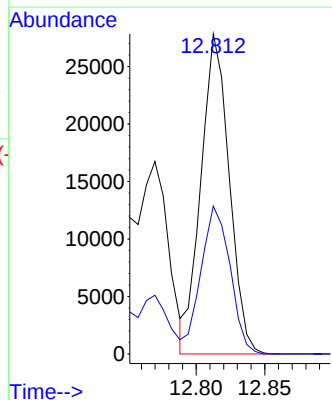
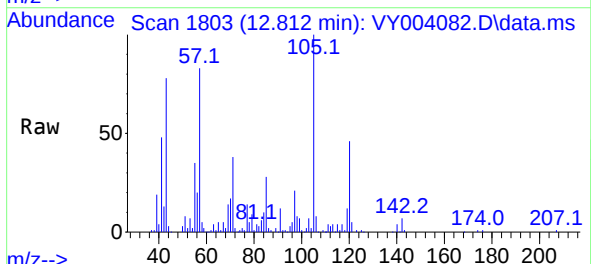
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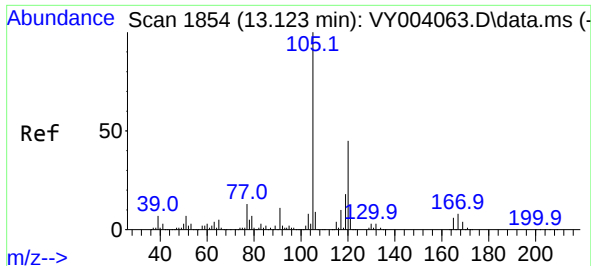
Tgt Ion: 91 Resp: 15552
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.9



#80
1,3,5-Trimethylbenzene
Concen: 3.64 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY004082.D
Acq: 11 Mar 2021 17:14

Tgt Ion: 105 Resp: 39936
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.2

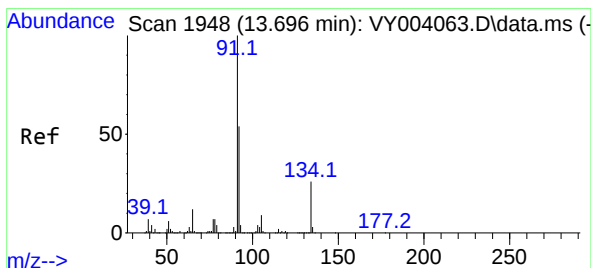
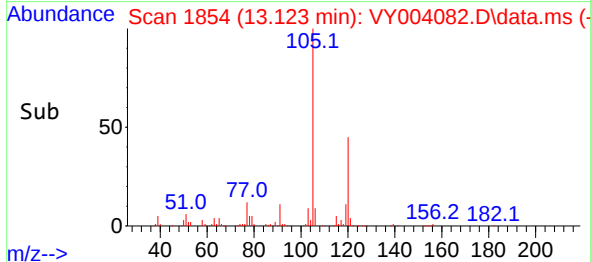
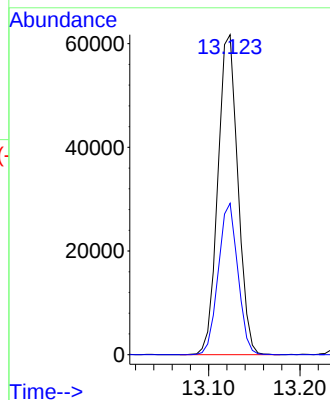
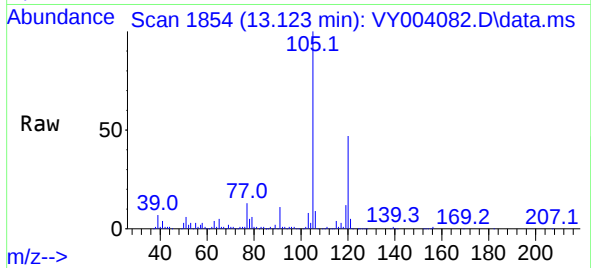




#84
1,2,4-Trimethylbenzene
Concen: 8.55 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004082.D
Acq: 11 Mar 2021 17:14

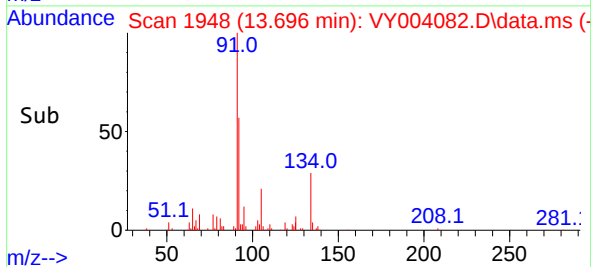
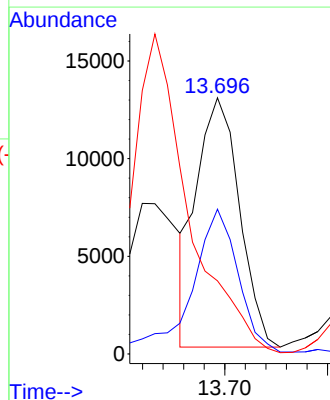
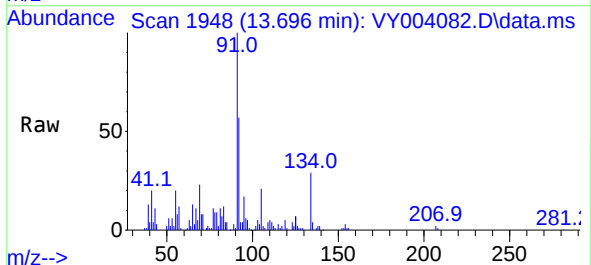
Instrument :
MSVOA_Y
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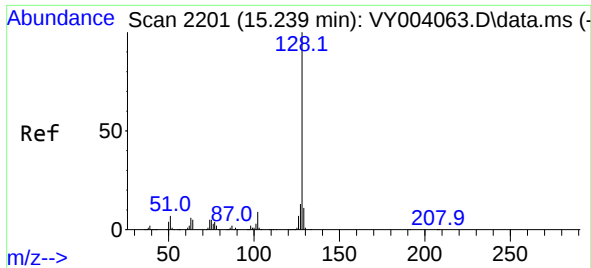
Tgt Ion:105 Resp: 93923
Ion Ratio Lower Upper
105 100
120 46.3 22.1 66.3



#89
n-Butylbenzene
Concen: 1.60 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY004082.D
Acq: 11 Mar 2021 17:14

Tgt Ion: 91 Resp: 18416
Ion Ratio Lower Upper
91 100
92 64.3 26.5 79.4
134 0.0 13.2 39.5#





#95
Naphthalene
Concen: 2.17 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004082.D
Acq: 11 Mar 2021 17:14

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-031121

Tgt Ion:128 Resp: 14902
Ion Ratio Lower Upper
128 100
127 24.6 10.6 16.0#
129 14.7 8.7 13.1#

