

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032421\
 Data File : VY004189.D
 Acq On : 24 Mar 2021 16:45
 Operator : SY/MD
 Sample : M1792-01
 Misc : 4.34g/5mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5

Quant Time: Mar 25 09:56:48 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)

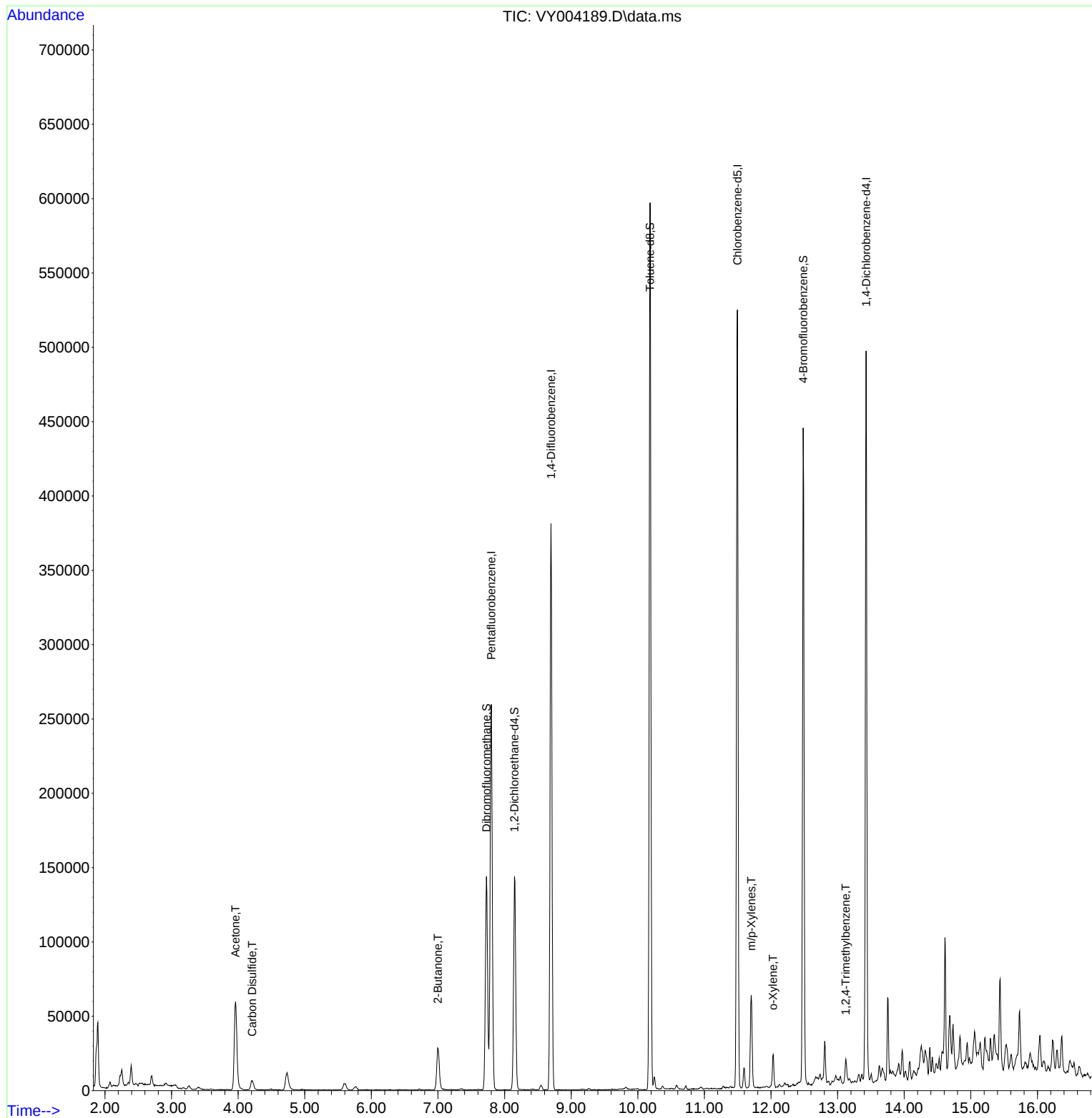
Internal Standards						
1) Pentafluorobenzene	7.801	168	206629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	327149	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	287838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	122422	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	109697	53.80	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.60%			
35) Dibromofluoromethane	7.728	113	97869	53.05	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.10%			
50) Toluene-d8	10.185	98	383805	53.07	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.14%			
62) 4-Bromofluorobenzene	12.483	95	125485	46.98	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.96%			
Target Compounds					Qvalue	
16) Acetone	3.960	43	104859	213.04	ug/l	94
17) Carbon Disulfide	4.210	76	9929	1.86	ug/l	98
25) 2-Butanone	6.996	43	47430	66.85	ug/l	93
68) m/p-Xylenes	11.703	106	18603	4.82	ug/l	94
69) o-Xylene	12.032	106	5887	1.61	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	9308	1.29	ug/l	93

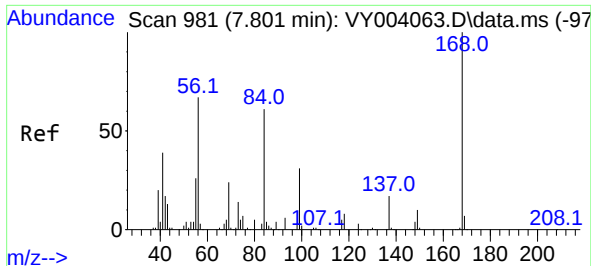
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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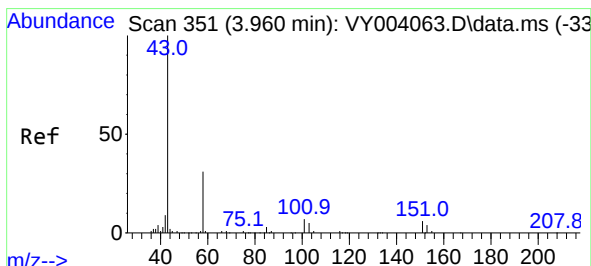
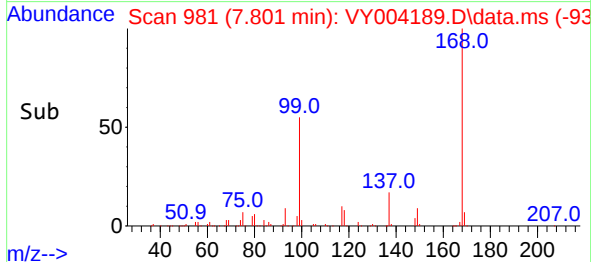
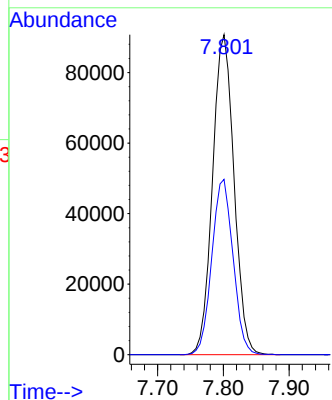
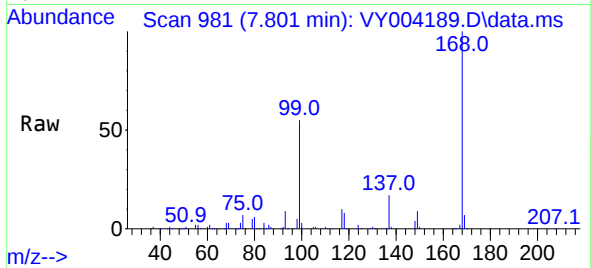




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004189.D
Acq: 24 Mar 2021 16:45

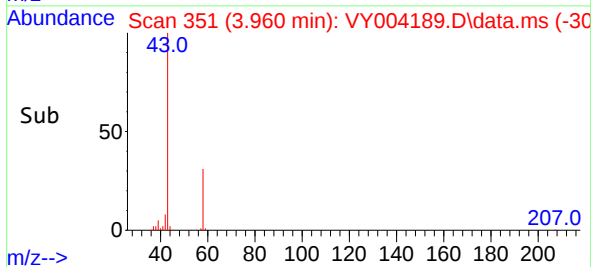
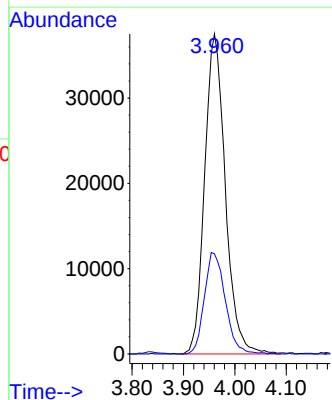
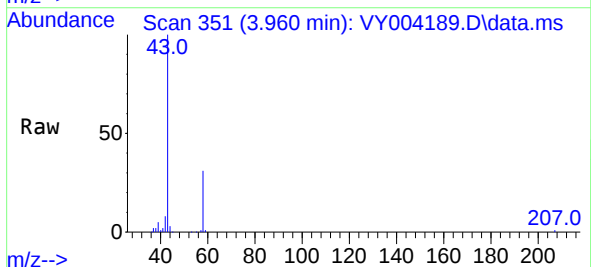
Instrument :
MSVOA_Y
ClientSampled :
TP-5

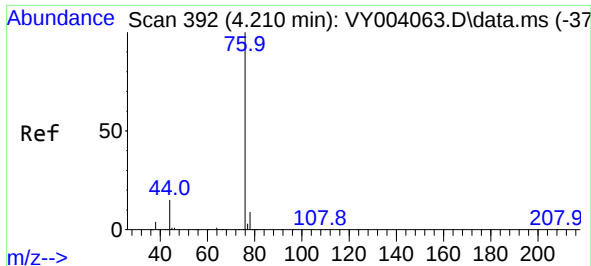
Tgt Ion:168 Resp: 206629
Ion Ratio Lower Upper
168 100
99 54.8 41.2 61.8



#16
Acetone
Concen: 213.04 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004189.D
Acq: 24 Mar 2021 16:45

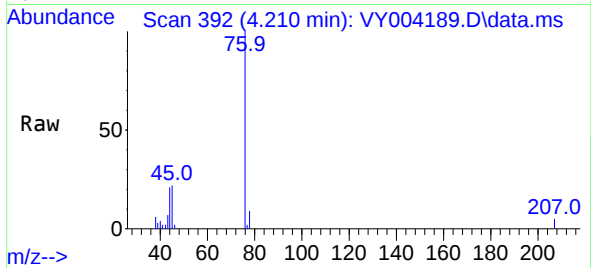
Tgt Ion: 43 Resp: 104859
Ion Ratio Lower Upper
43 100
58 31.3 22.6 34.0



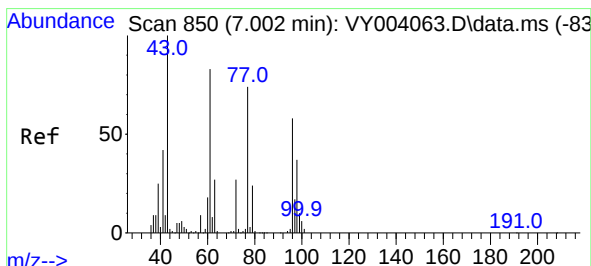
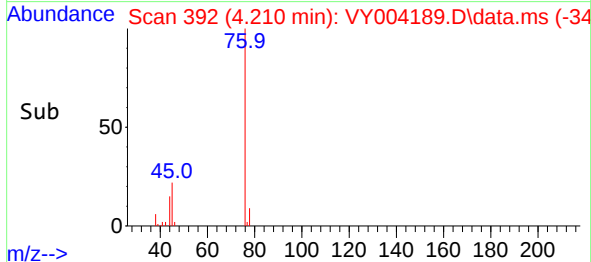
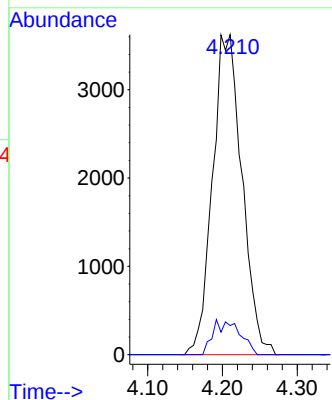


#17
Carbon Disulfide
Concen: 1.86 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY004189.D
Acq: 24 Mar 2021 16:45

Instrument :
MSVOA_Y
ClientSampled :
TP-5

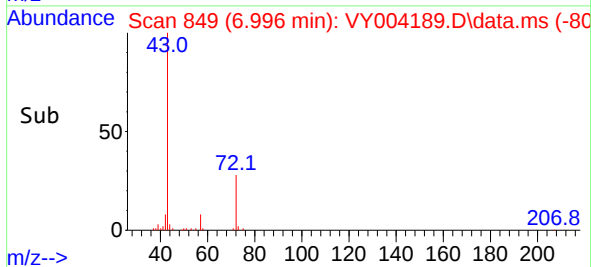
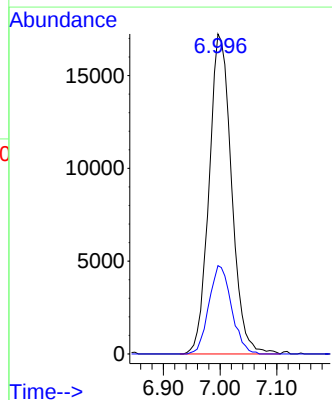
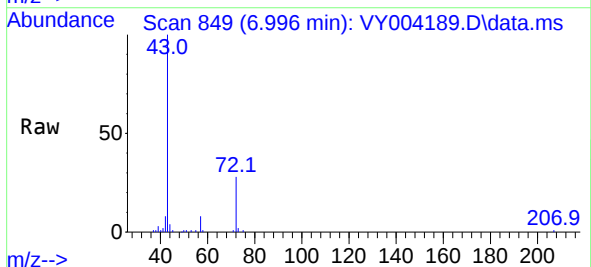


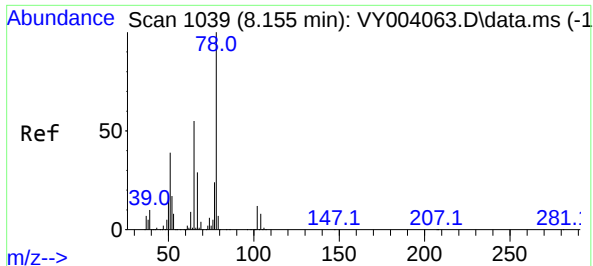
Tgt Ion: 76 Resp: 9929
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#25
2-Butanone
Concen: 66.85 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY004189.D
Acq: 24 Mar 2021 16:45

Tgt Ion: 43 Resp: 47430
Ion Ratio Lower Upper
43 100
72 27.6 19.4 29.0

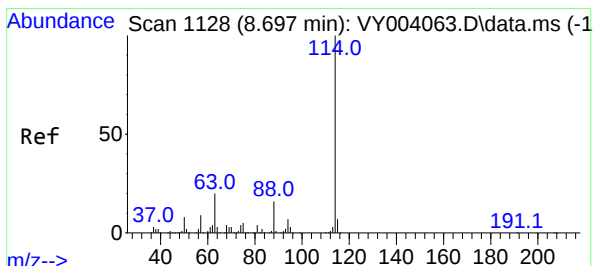
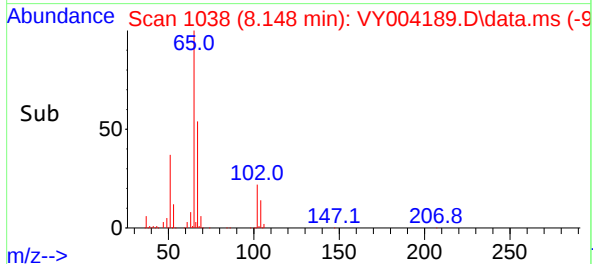
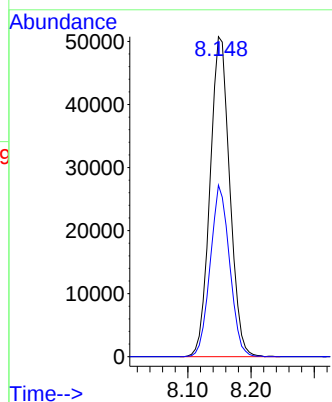
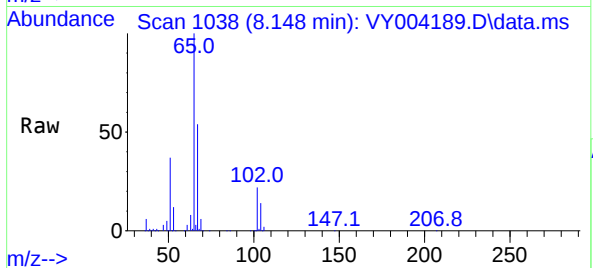




#33
1,2-Dichloroethane-d4
Concen: 53.80 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.007 min
Lab File: VY004189.D
Acq: 24 Mar 2021 16:45

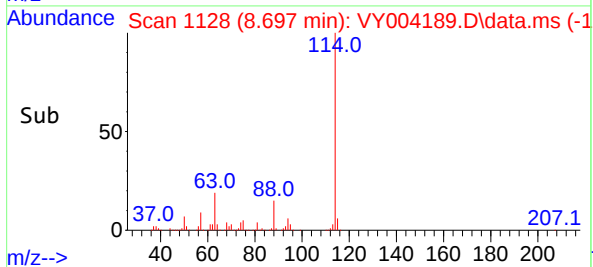
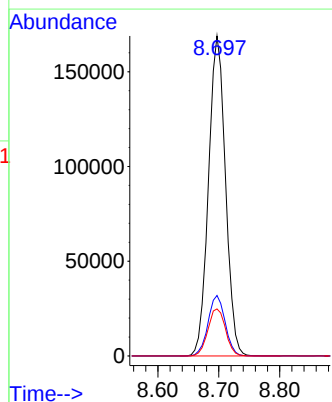
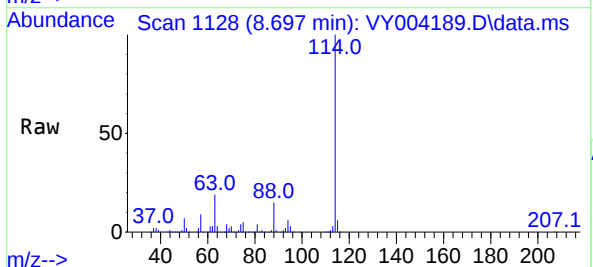
Instrument :
MSVOA_Y
ClientSampled :
TP-5

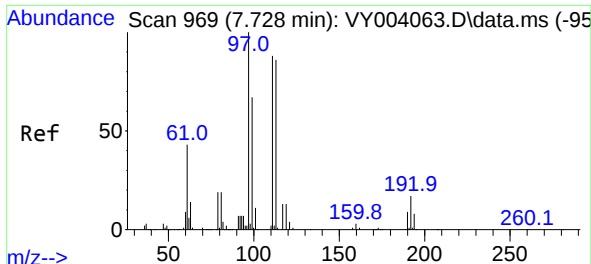
Tgt Ion: 65 Resp: 109697
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004189.D
Acq: 24 Mar 2021 16:45

Tgt Ion:114 Resp: 327149
Ion Ratio Lower Upper
114 100
63 18.9 0.0 41.6
88 14.7 0.0 31.4

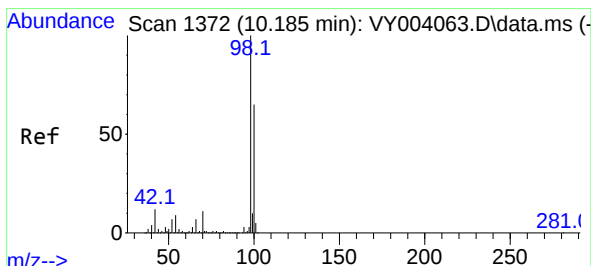
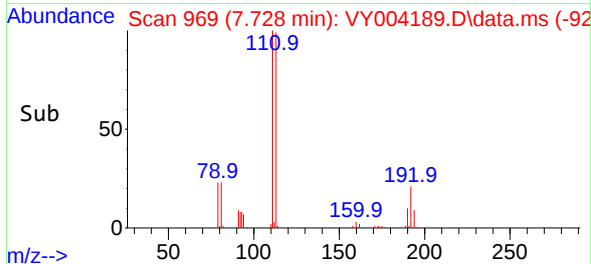
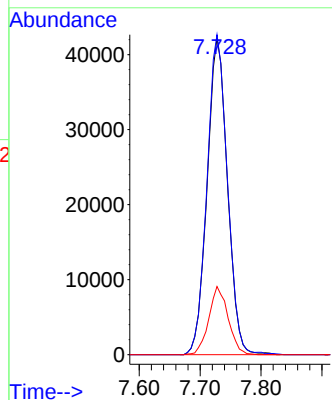
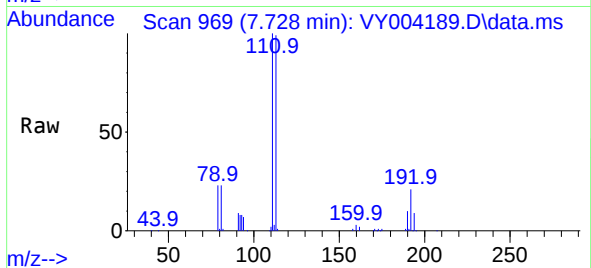




#35
Dibromofluoromethane
Concen: 53.05 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004189.D
Acq: 24 Mar 2021 16:45

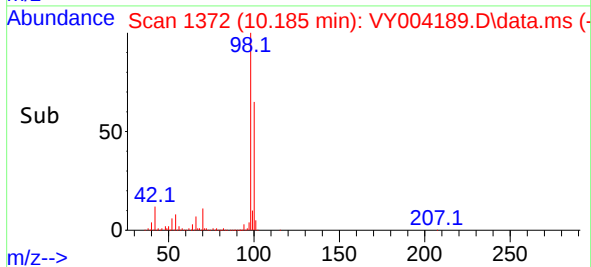
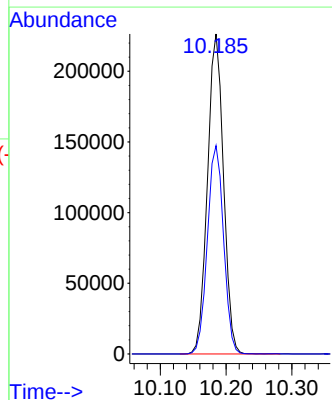
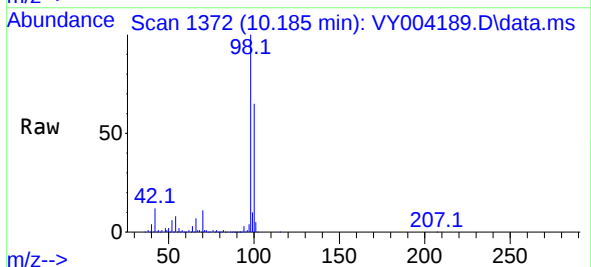
Instrument :
MSVOA_Y
ClientSampled :
TP-5

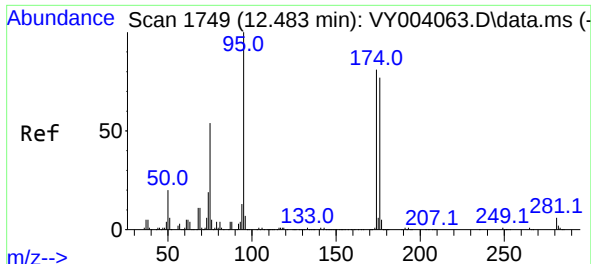
Tgt Ion:113 Resp: 97869
Ion Ratio Lower Upper
113 100
111 101.5 83.2 124.8
192 20.5 18.5 27.7



#50
Toluene-d8
Concen: 53.07 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004189.D
Acq: 24 Mar 2021 16:45

Tgt Ion: 98 Resp: 383805
Ion Ratio Lower Upper
98 100
100 65.7 51.8 77.6

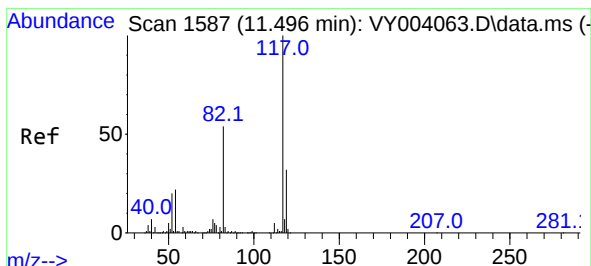
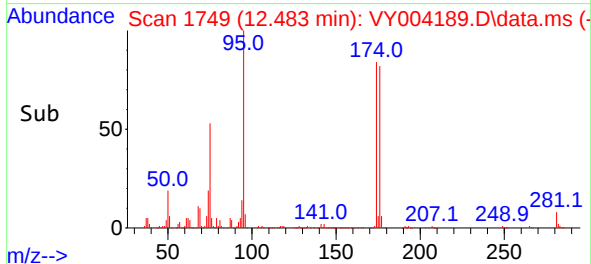
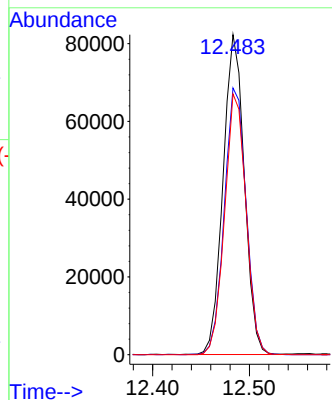
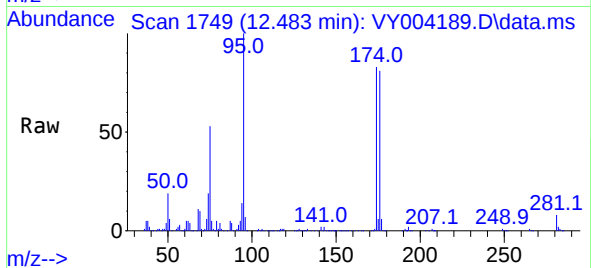




#62
4-Bromofluorobenzene
Concen: 46.98 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004189.D
Acq: 24 Mar 2021 16:45

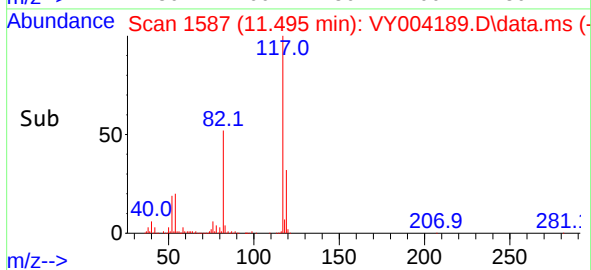
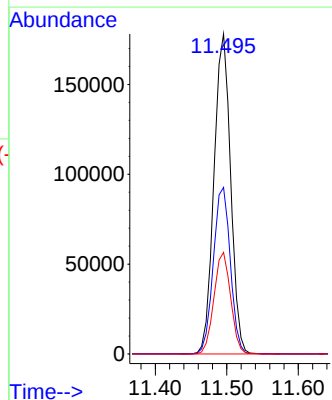
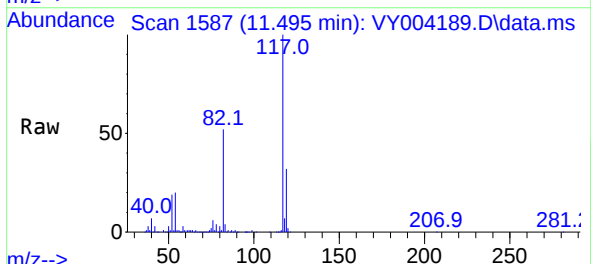
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

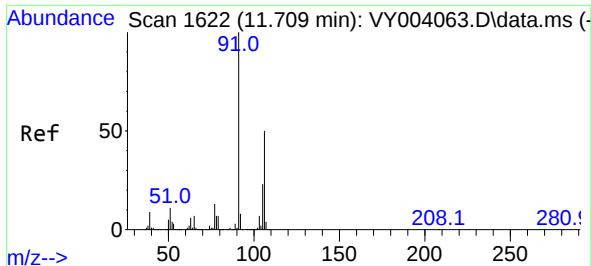
Tgt Ion:	95	Resp:	125485
Ion Ratio	Lower	Upper	
95	100		
174	85.6	0.0	179.0
176	82.3	0.0	174.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.001 min
Lab File: VY004189.D
Acq: 24 Mar 2021 16:45

Tgt Ion:	117	Resp:	287838
Ion Ratio	Lower	Upper	
117	100		
82	52.0	43.8	65.6
119	31.7	26.2	39.2

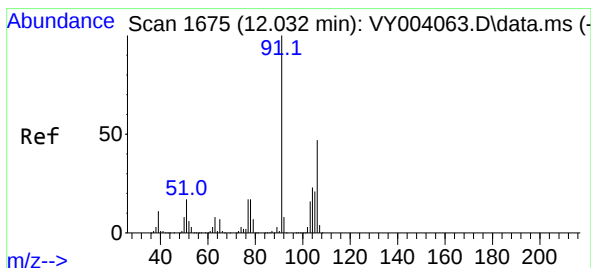
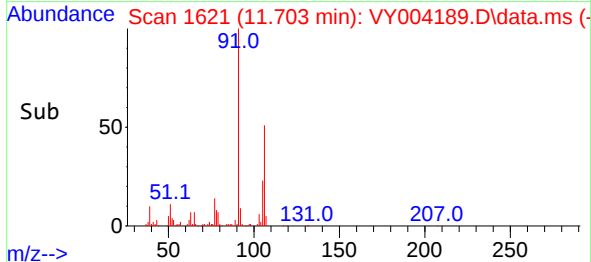
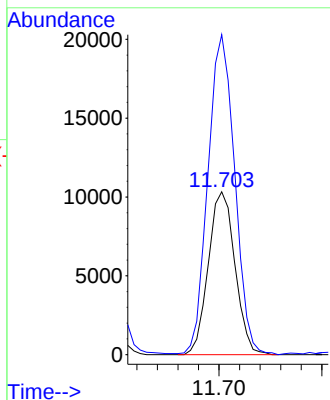
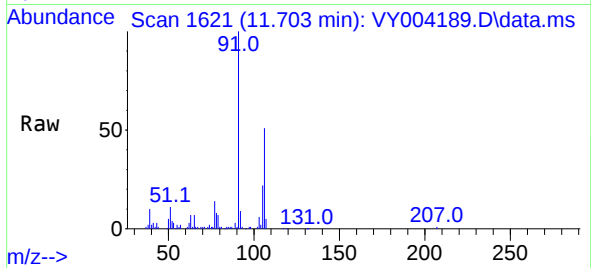




#68
m/p-Xylenes
Concen: 4.82 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY004189.D
Acq: 24 Mar 2021 16:45

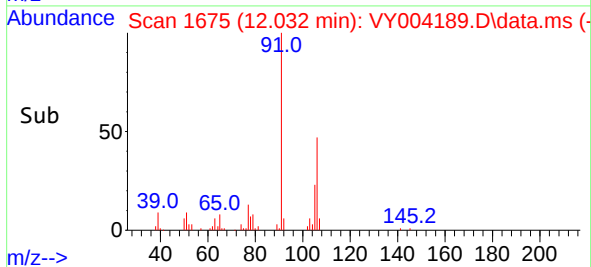
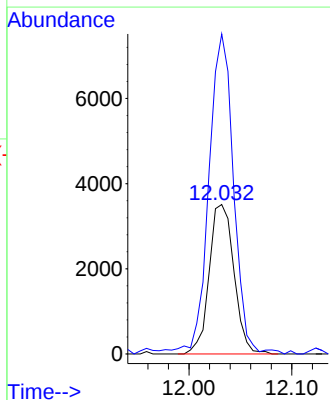
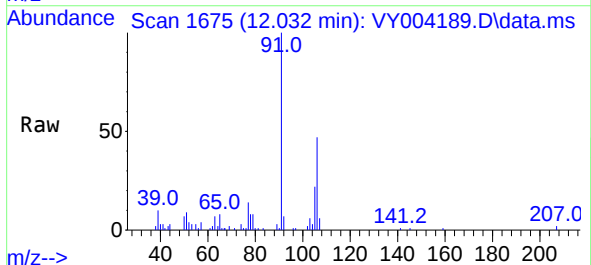
Instrument :
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ClientSampled :
TP-5

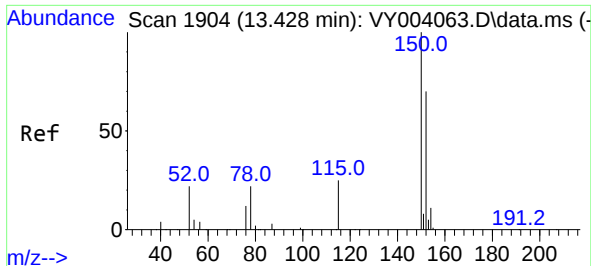
Tgt Ion:106 Resp: 18603
Ion Ratio Lower Upper
106 100
91 197.5 165.4 248.0



#69
o-Xylene
Concen: 1.61 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY004189.D
Acq: 24 Mar 2021 16:45

Tgt Ion:106 Resp: 5887
Ion Ratio Lower Upper
106 100
91 214.5 108.9 326.7

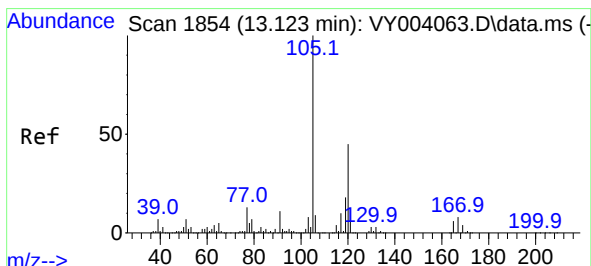
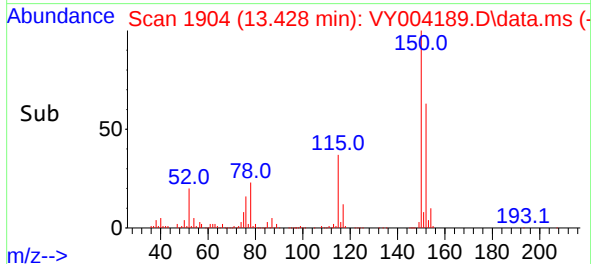
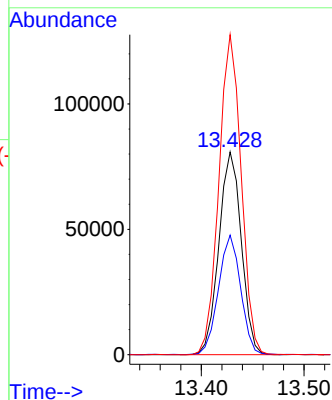
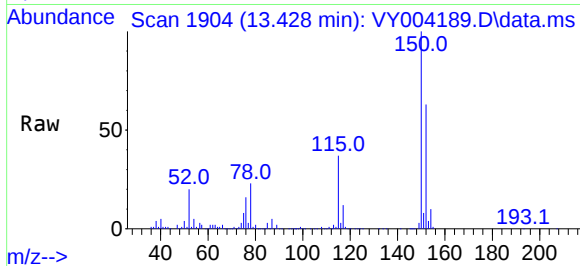




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004189.D
Acq: 24 Mar 2021 16:45

Instrument :
MSVOA_Y
ClientSampled :
TP-5

Tgt Ion:152 Resp: 122422
Ion Ratio Lower Upper
152 100
115 58.5 28.2 84.6
150 157.0 0.0 347.2



#84
1,2,4-Trimethylbenzene
Concen: 1.29 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004189.D
Acq: 24 Mar 2021 16:45

Tgt Ion:105 Resp: 9308
Ion Ratio Lower Upper
105 100
120 39.3 22.1 66.3

