

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032521\
 Data File : VY004203.D
 Acq On : 25 Mar 2021 15:58
 Operator : SY/MD
 Sample : M1812-01RE
 Misc : 6.82g/5mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1RE

Quant Time: Mar 26 01:14:40 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)

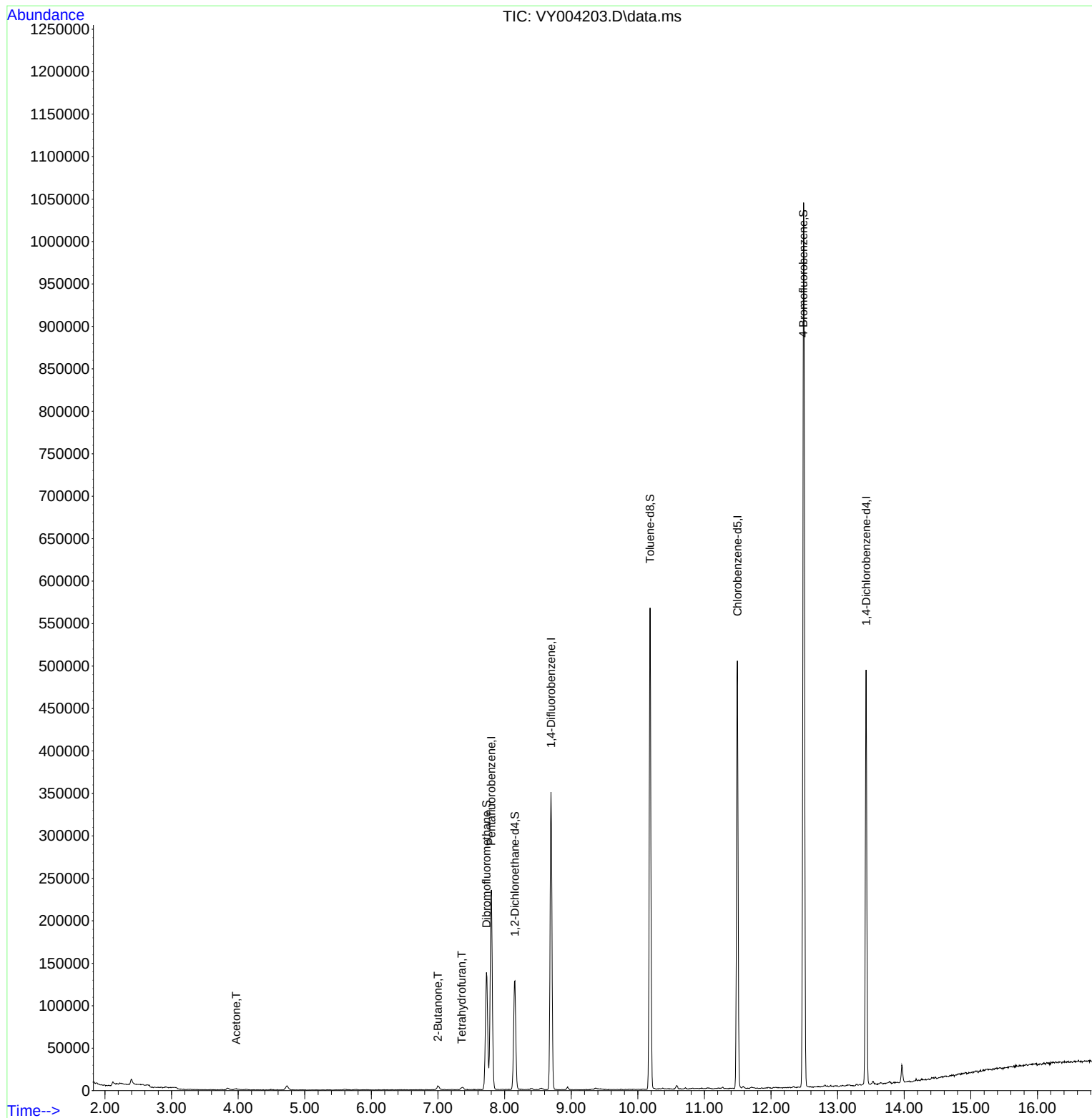
Internal Standards						
1) Pentafluorobenzene	7.801	168	184832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	298519	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	270612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	120484	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	101918	55.88	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.76%	
35) Dibromofluoromethane	7.728	113	94029	55.86	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.72%	
50) Toluene-d8	10.185	98	356443	54.01	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.02%	
62) 4-Bromofluorobenzene	12.483	95	122005	50.06	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.12%	
Target Compounds						Qvalue
16) Acetone	3.972	43	3301	7.50	ug/l	91
25) 2-Butanone	6.996	43	4669	7.36	ug/l #	83
29) Tetrahydrofuran	7.356	42	2387	5.79	ug/l #	64

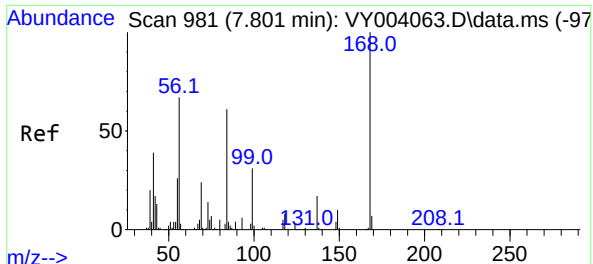
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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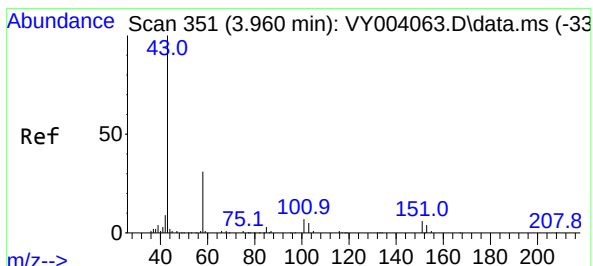
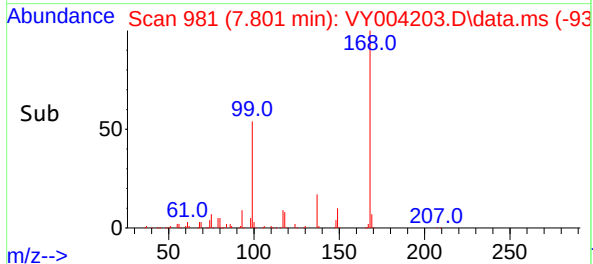
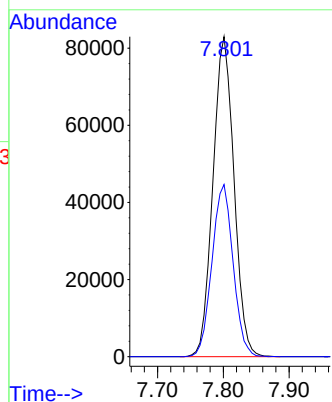
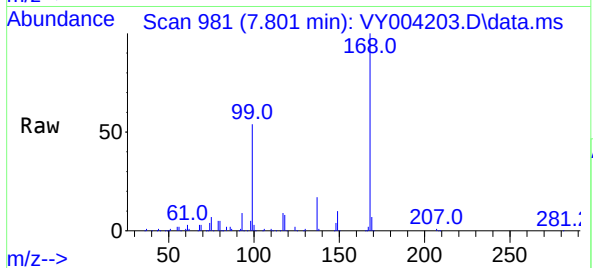




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004203.D
Acq: 25 Mar 2021 15:58

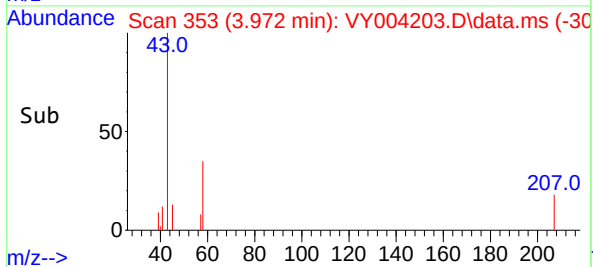
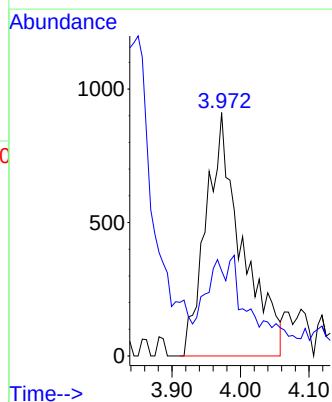
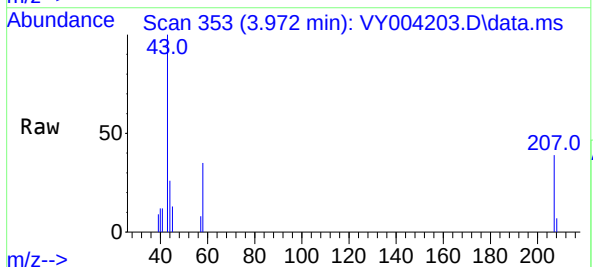
Instrument :
MSVOA_Y
ClientSampled :
TP-1RE

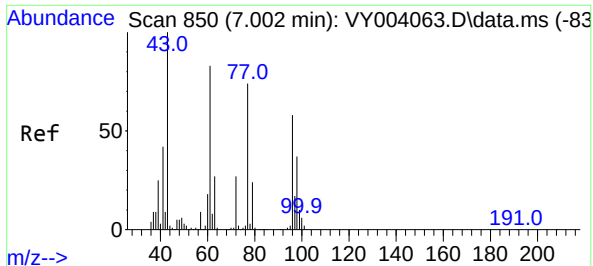
Tgt Ion:168 Resp: 184832
Ion Ratio Lower Upper
168 100
99 53.8 41.2 61.8



#16
Acetone
Concen: 7.50 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY004203.D
Acq: 25 Mar 2021 15:58

Tgt Ion: 43 Resp: 3301
Ion Ratio Lower Upper
43 100
58 23.4 22.6 34.0

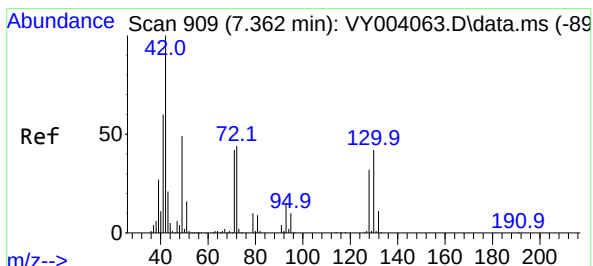
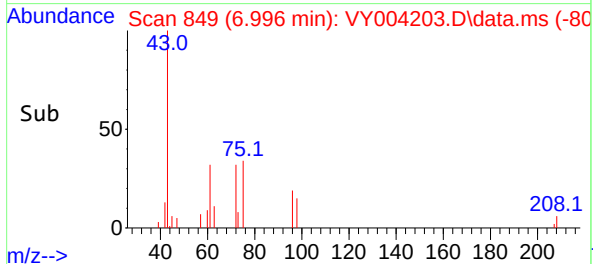
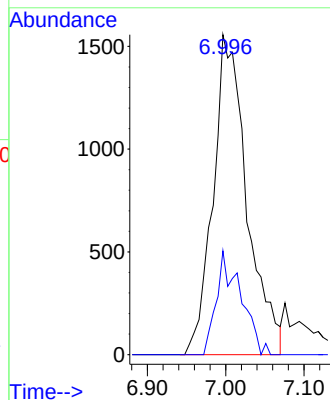
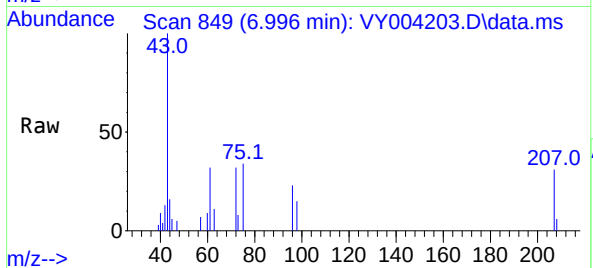




#25
2-Butanone
Concen: 7.36 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY004203.D
Acq: 25 Mar 2021 15:58

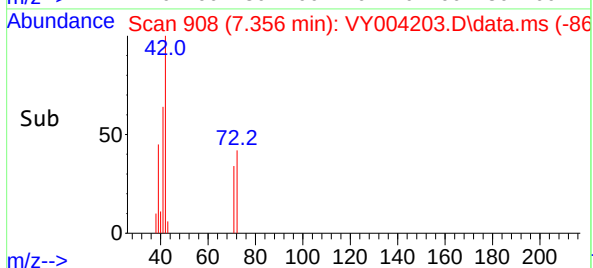
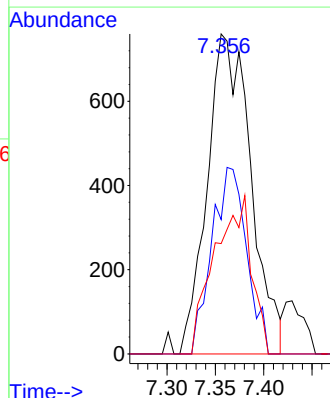
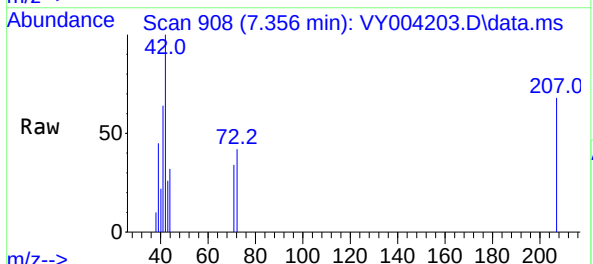
Instrument :
MSVOA_Y
ClientSampled :
TP-1RE

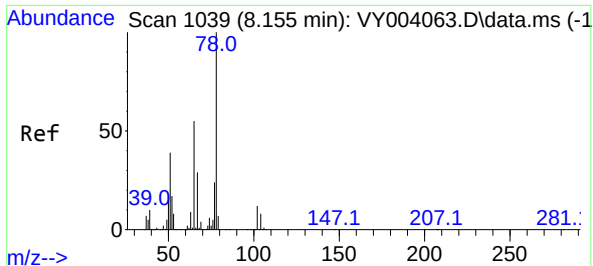
Tgt Ion: 43 Resp: 4669
Ion Ratio Lower Upper
43 100
72 32.4 19.4 29.0#



#29
Tetrahydrofuran
Concen: 5.79 ug/l
RT: 7.356 min Scan# 908
Delta R.T. -0.006 min
Lab File: VY004203.D
Acq: 25 Mar 2021 15:58

Tgt Ion: 42 Resp: 2387
Ion Ratio Lower Upper
42 100
72 46.4 32.6 48.8
71 0.0 31.0 46.6#

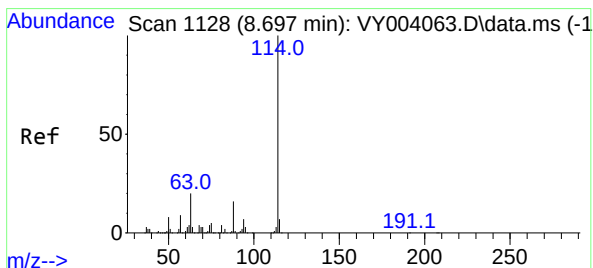
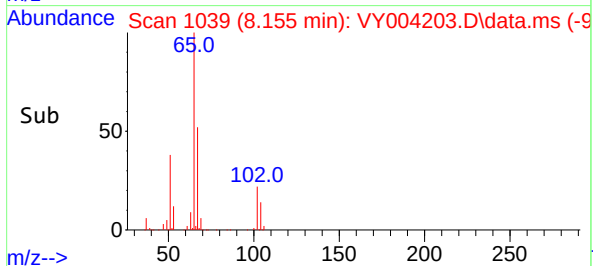
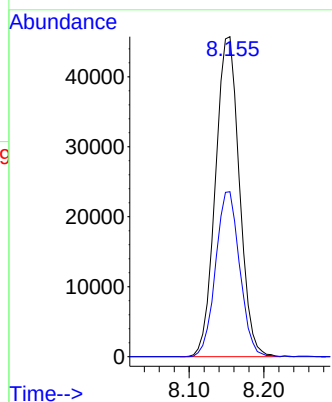
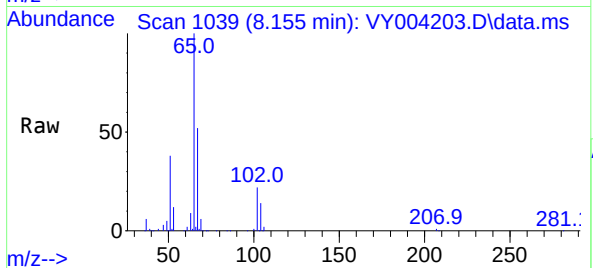




#33
1,2-Dichloroethane-d4
Concen: 55.88 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004203.D
Acq: 25 Mar 2021 15:58

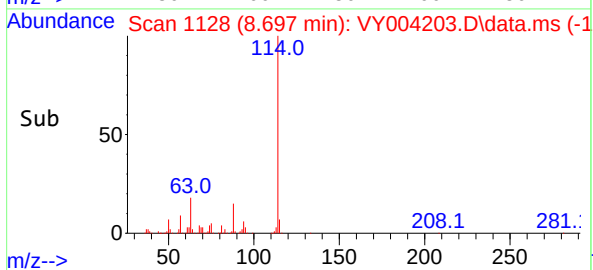
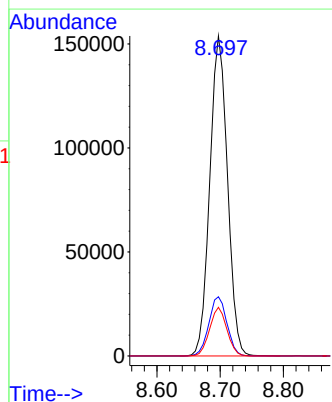
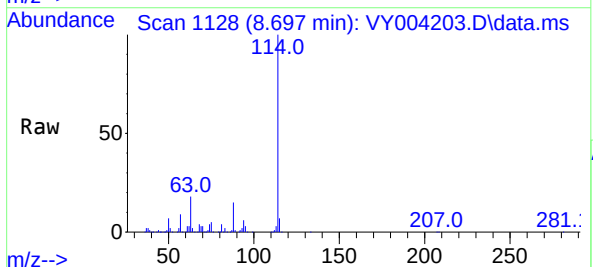
Instrument :
MSVOA_Y
ClientSampleId :
TP-1RE

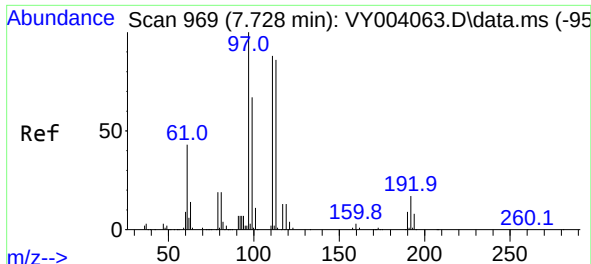
Tgt Ion: 65 Resp: 101918
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004203.D
Acq: 25 Mar 2021 15:58

Tgt Ion:114 Resp: 298519
Ion Ratio Lower Upper
114 100
63 18.5 0.0 41.6
88 15.2 0.0 31.4

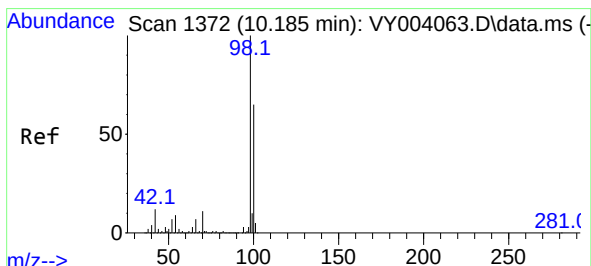
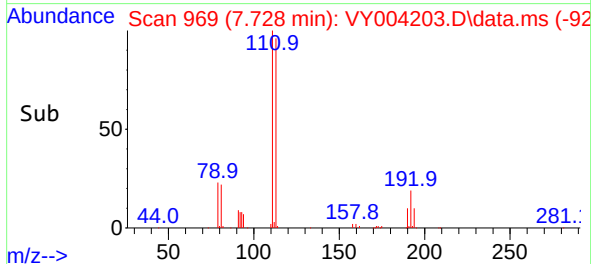
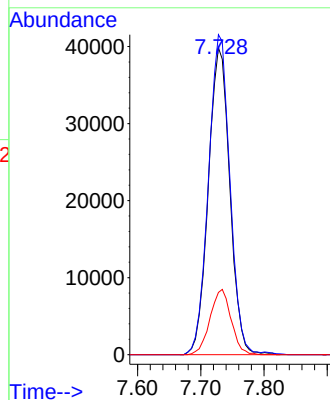
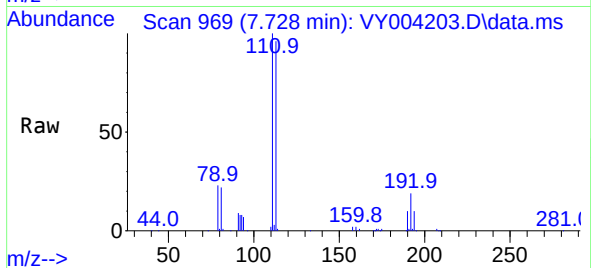




#35
Dibromofluoromethane
Concen: 55.86 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004203.D
Acq: 25 Mar 2021 15:58

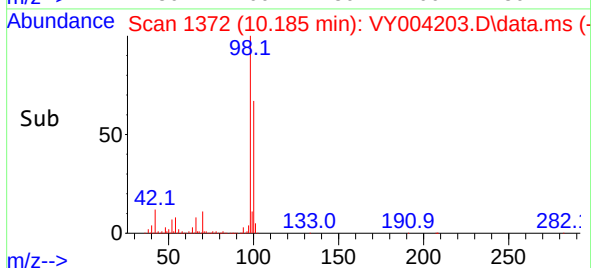
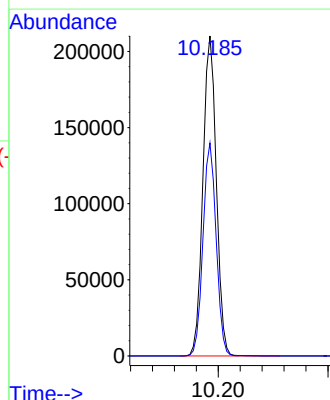
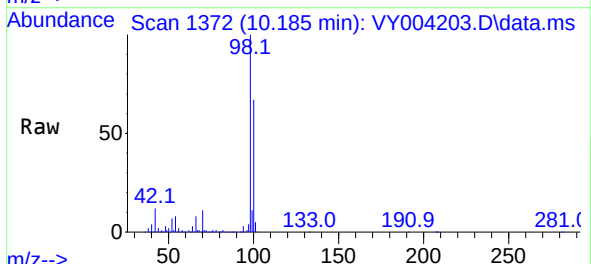
Instrument :
MSVOA_Y
ClientSampleId :
TP-1RE

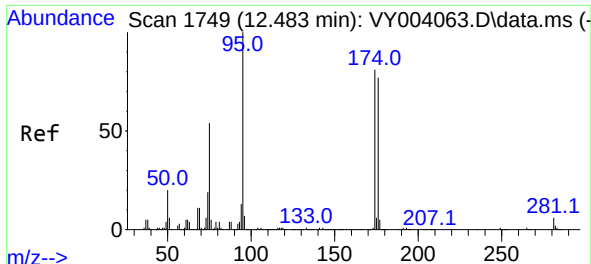
Tgt Ion:113 Resp: 94029
Ion Ratio Lower Upper
113 100
111 104.4 83.2 124.8
192 20.9 18.5 27.7



#50
Toluene-d8
Concen: 54.01 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004203.D
Acq: 25 Mar 2021 15:58

Tgt Ion: 98 Resp: 356443
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6

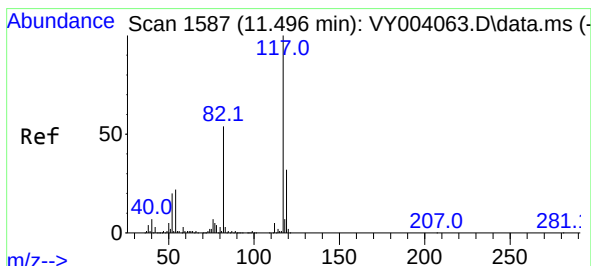
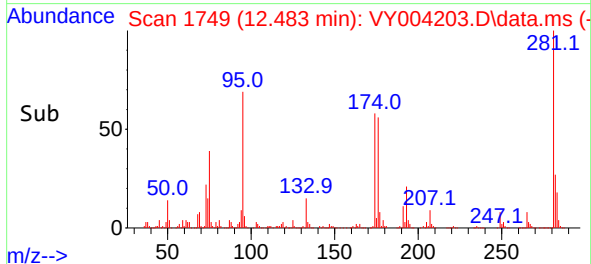
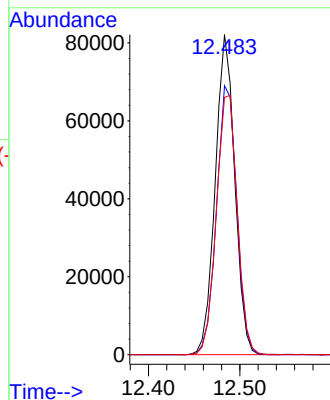
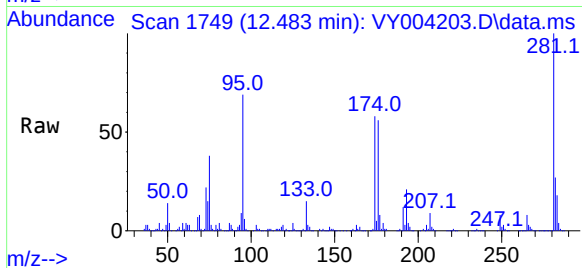




#62
4-Bromofluorobenzene
Concen: 50.06 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004203.D
Acq: 25 Mar 2021 15:58

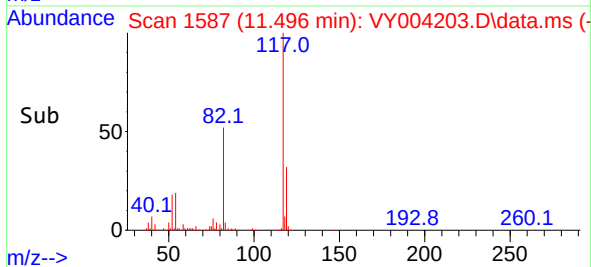
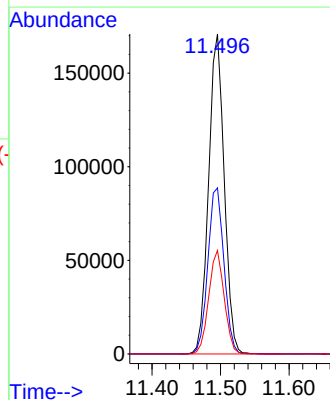
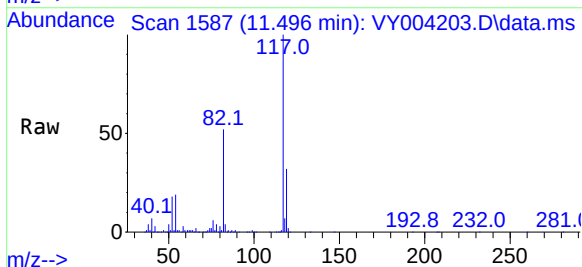
Instrument :
MSVOA_Y
ClientSampleId :
TP-1RE

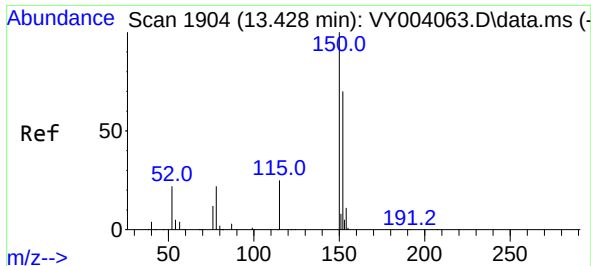
Tgt Ion:	95	Resp:	122005
Ion Ratio	Lower	Upper	
95	100		
174	86.9	0.0	179.0
176	86.9	0.0	174.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004203.D
Acq: 25 Mar 2021 15:58

Tgt Ion:	117	Resp:	270612
Ion Ratio	Lower	Upper	
117	100		
82	51.9	43.8	65.6
119	32.4	26.2	39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004203.D
 Acq: 25 Mar 2021 15:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1RE

Tgt Ion:152 Resp: 120484

Ion	Ratio	Lower	Upper
152	100		
115	58.2	28.2	84.6
150	157.7	0.0	347.2

