

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031821\
 Data File : VY004120.D
 Acq On : 18 Mar 2021 14:36
 Operator : SY/MD
 Sample : M1713-01
 Misc : 5.02g/5mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6A

Quant Time: Mar 19 01:43:05 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	194054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	339026	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	324417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	159039	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	110068	57.48	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.96%
35) Dibromofluoromethane	7.728	113	105212	55.03	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.06%
50) Toluene-d8	10.185	98	403985	53.90	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.80%
62) 4-Bromofluorobenzene	12.483	95	150417	54.34	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.68%

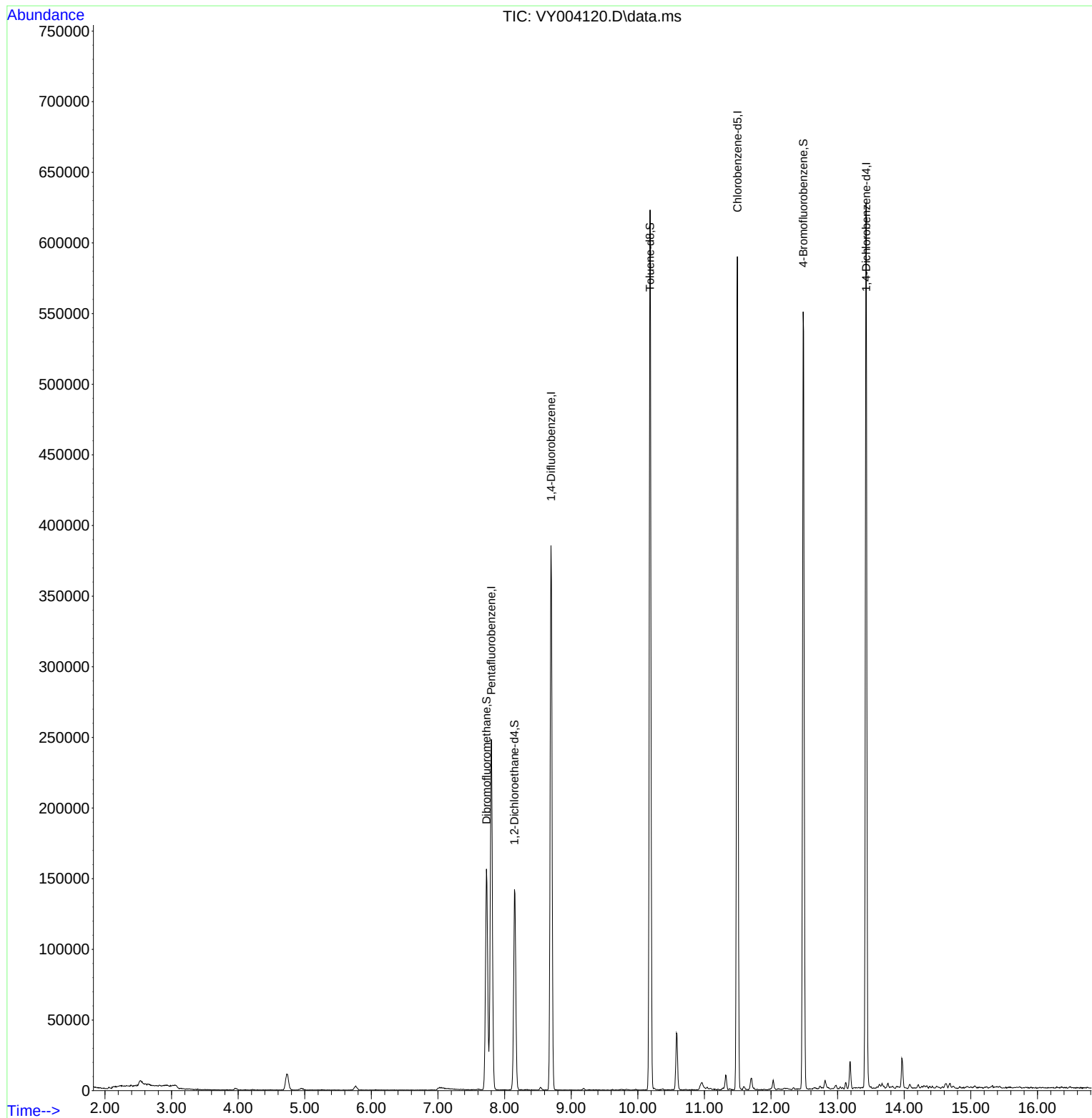
Target Compounds	Qvalue

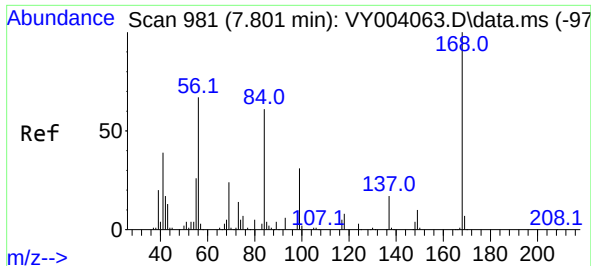
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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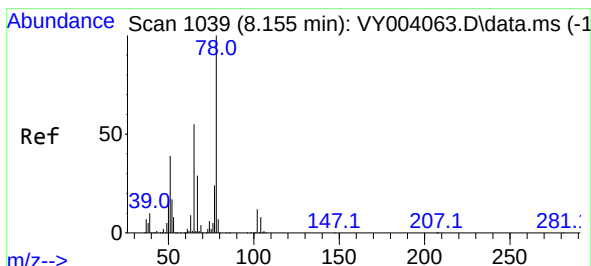
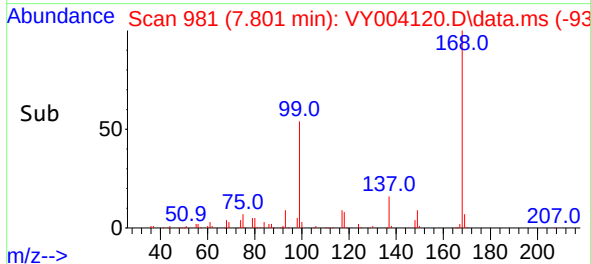
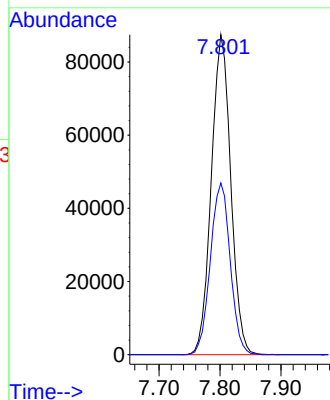
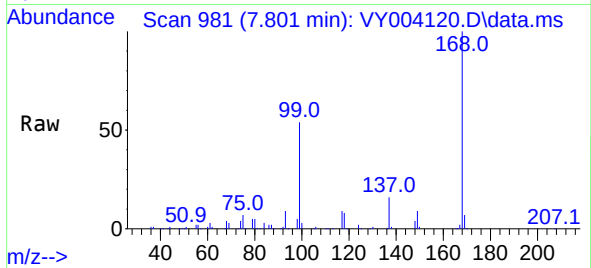




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004120.D
Acq: 18 Mar 2021 14:36

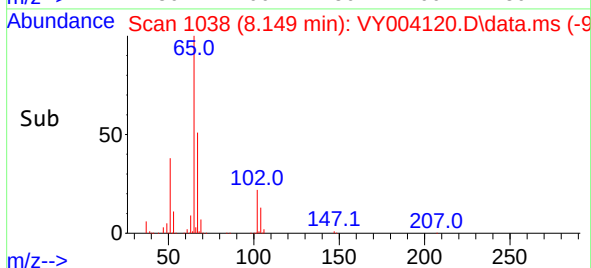
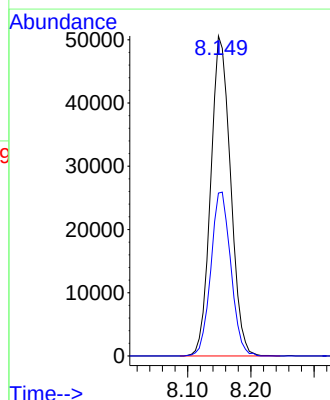
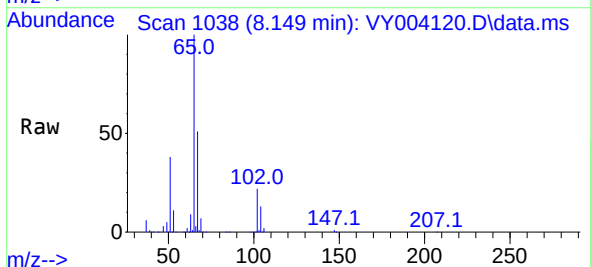
Instrument :
MSVOA_Y
ClientSampled :
TP-6A

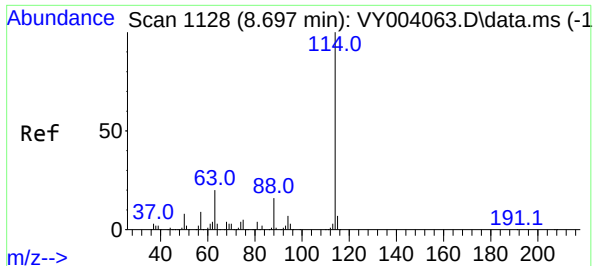
Tgt Ion:168 Resp: 194054
Ion Ratio Lower Upper
168 100
99 53.7 41.2 61.8



#33
1,2-Dichloroethane-d4
Concen: 57.48 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004120.D
Acq: 18 Mar 2021 14:36

Tgt Ion: 65 Resp: 110068
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.4

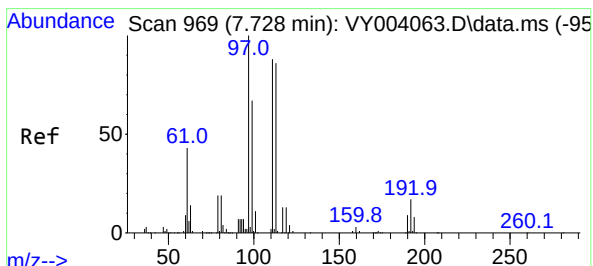
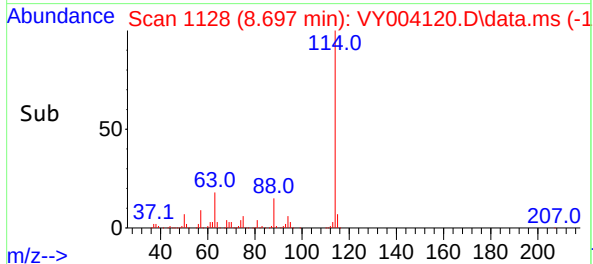
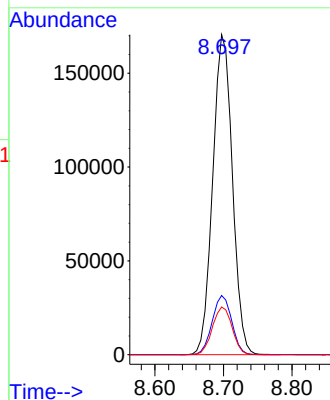
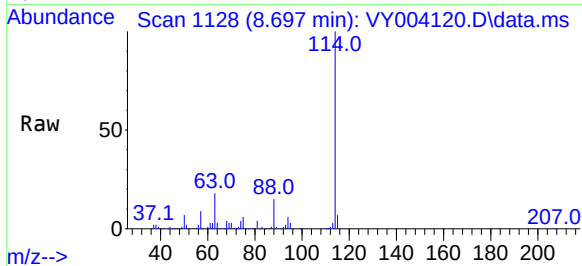




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004120.D
Acq: 18 Mar 2021 14:36

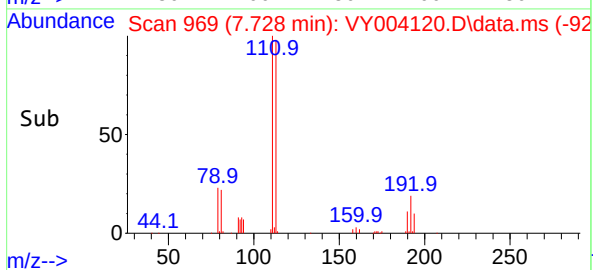
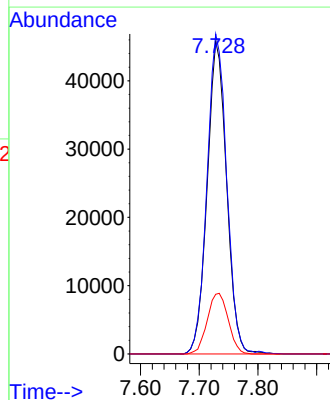
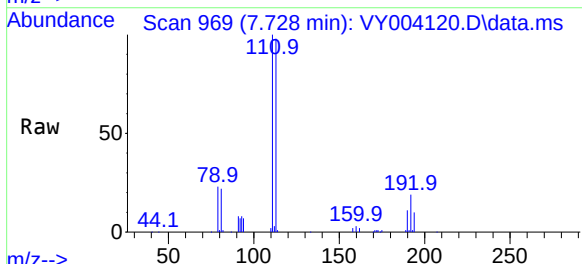
Instrument :
MSVOA_Y
ClientSampled :
TP-6A

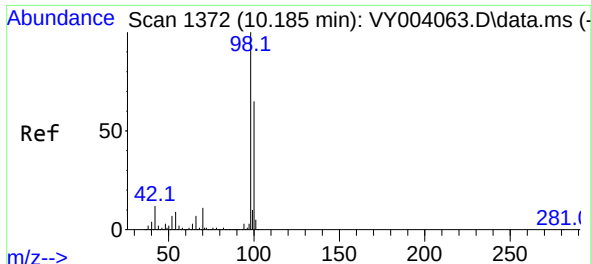
Tgt Ion:	114	Resp:	339026
Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	41.6
88	14.9	0.0	31.4



#35
Dibromofluoromethane
Concen: 55.03 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004120.D
Acq: 18 Mar 2021 14:36

Tgt Ion:	113	Resp:	105212
Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.2	124.8
192	20.9	18.5	27.7

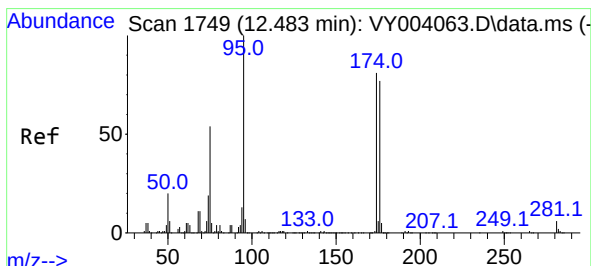
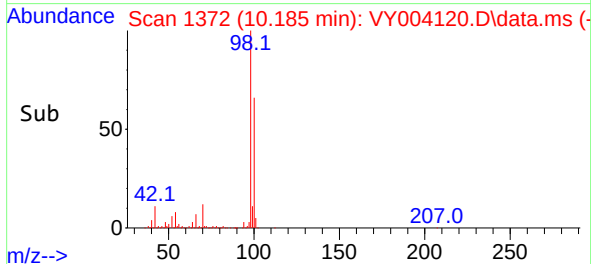
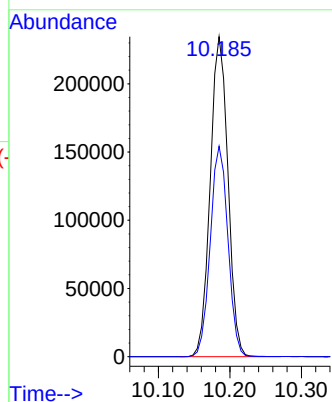
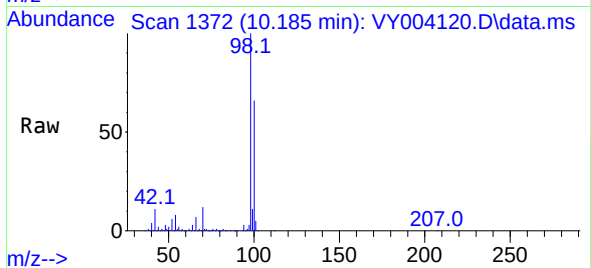




#50
Toluene-d8
Concen: 53.90 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004120.D
Acq: 18 Mar 2021 14:36

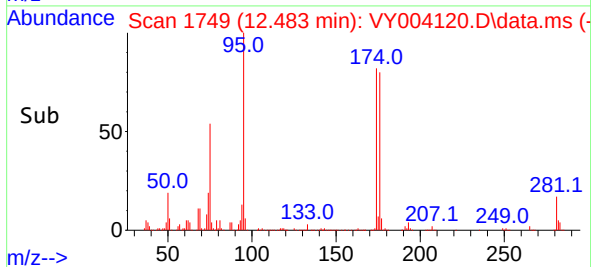
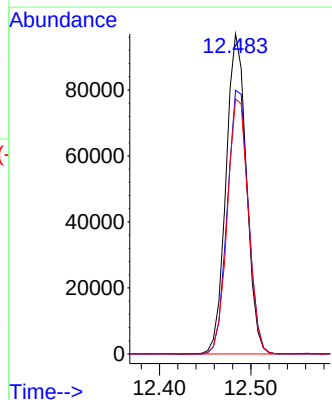
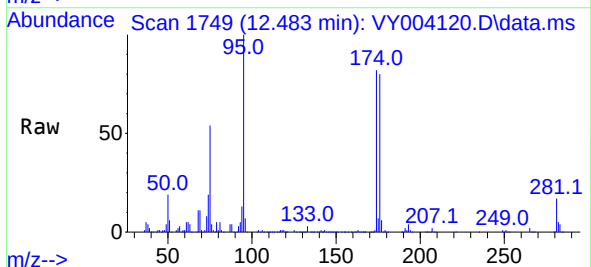
Instrument :
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ClientSampled :
TP-6A

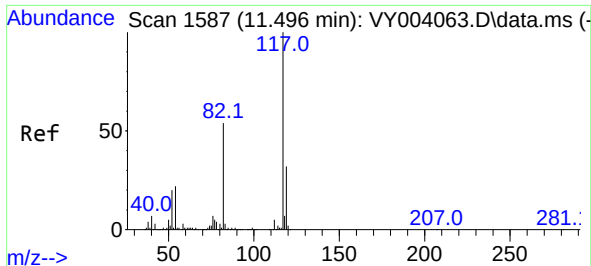
Tgt Ion: 98 Resp: 403985
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 54.34 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004120.D
Acq: 18 Mar 2021 14:36

Tgt Ion: 95 Resp: 150417
Ion Ratio Lower Upper
95 100
174 84.8 0.0 179.0
176 82.1 0.0 174.4

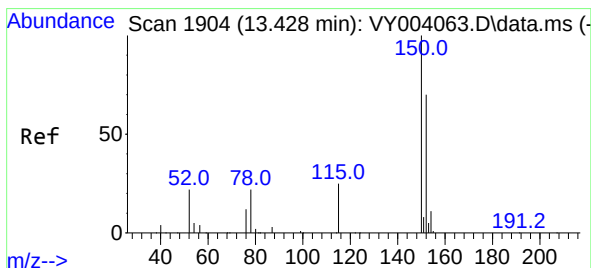
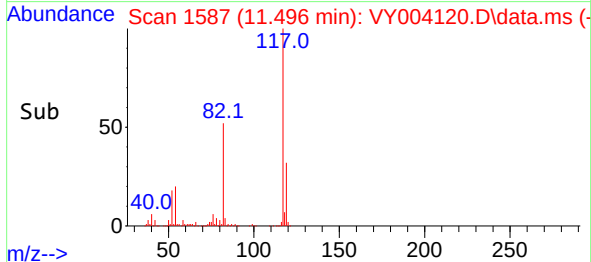
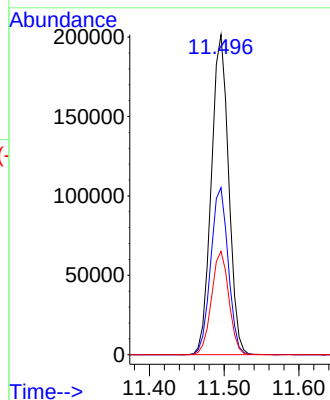
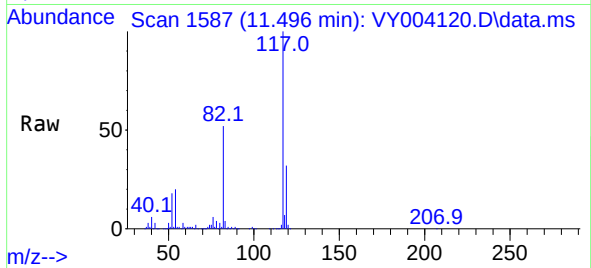




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004120.D
Acq: 18 Mar 2021 14:36

Instrument :
MSVOA_Y
ClientSampled :
TP-6A

Tgt Ion:	117	Resp:	324417
Ion	Ratio	Lower	Upper
117	100		
82	52.2	43.8	65.6
119	32.3	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: VY004120.D
Acq: 18 Mar 2021 14:36

Tgt Ion:	152	Resp:	159039
Ion	Ratio	Lower	Upper
152	100		
115	58.2	28.2	84.6
150	157.5	0.0	347.2

