

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080421\
 Data File : VY005539.D
 Acq On : 04 Aug 2021 15:48
 Operator : SY/MD
 Sample : M3291-01
 Misc : 6.42G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Aug 05 06:40:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	261350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	447563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	454258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	234506	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	150220	56.783	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.560%
35) Dibromofluoromethane	7.728	113	131864	52.624	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.240%
50) Toluene-d8	10.185	98	571491	54.380	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.760%
62) 4-Bromofluorobenzene	12.483	95	206307	59.282	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.560%

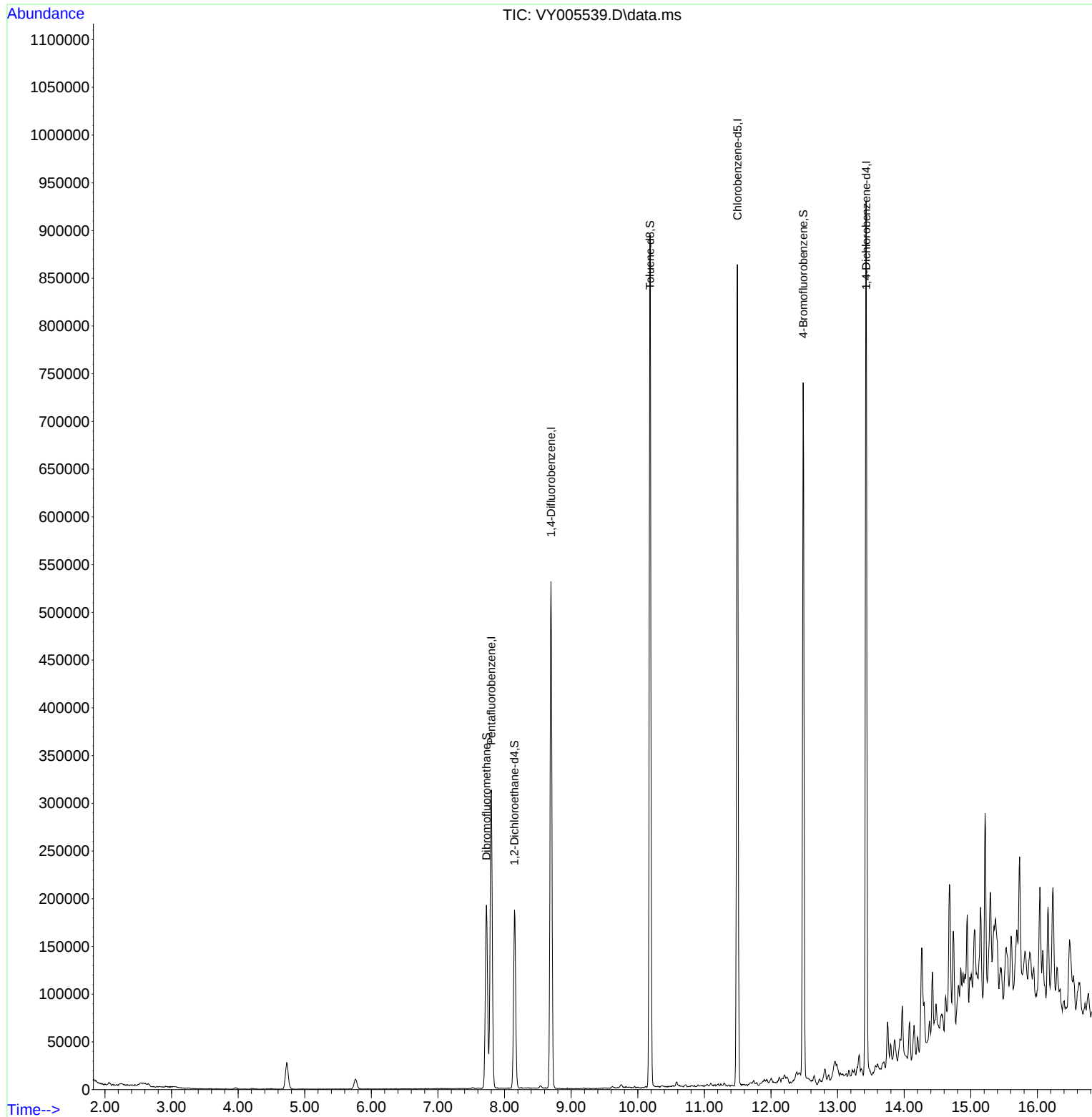
Target Compounds	Qvalue

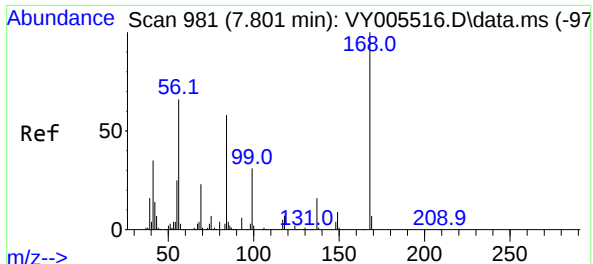
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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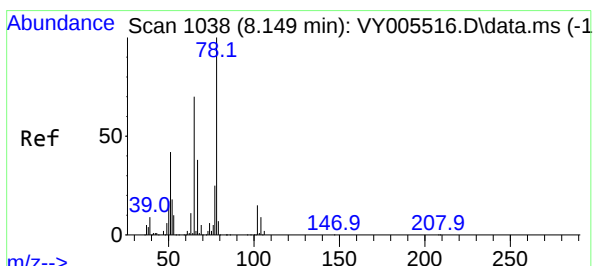
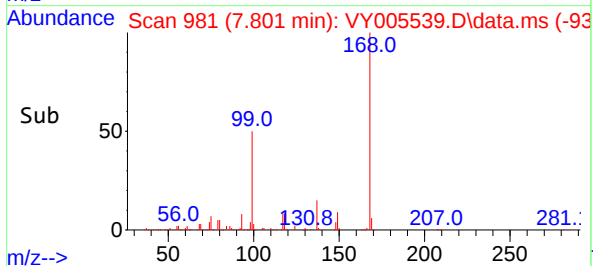
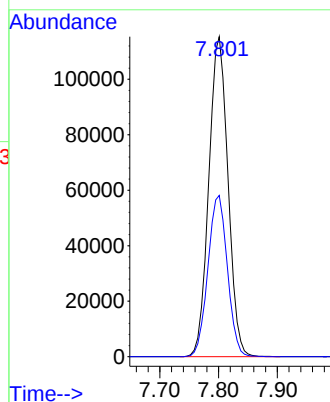
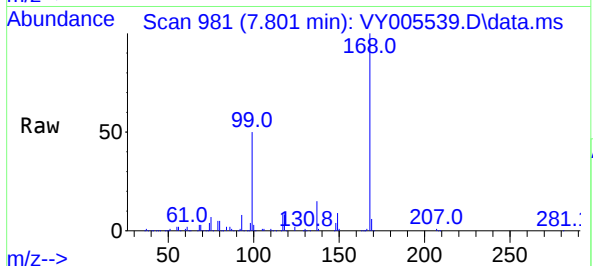




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005539.D
Acq: 04 Aug 2021 15:48

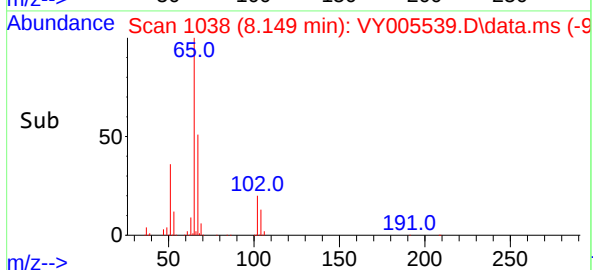
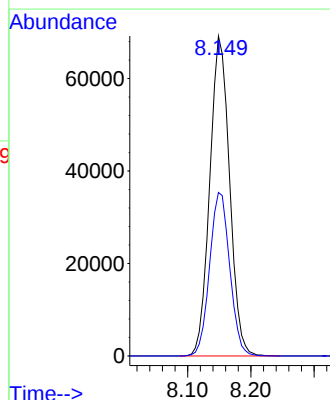
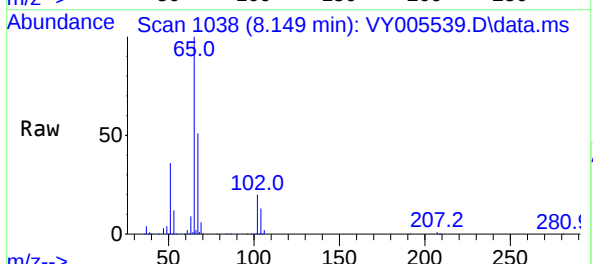
Instrument :
MSVOA_Y
ClientSampled :
WC-1

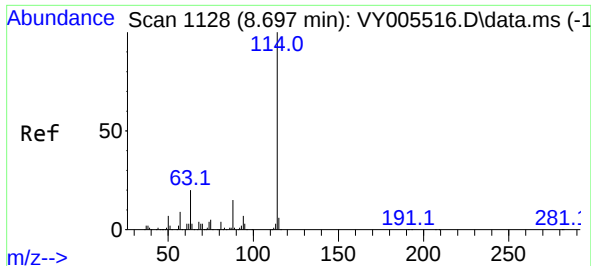
Tgt Ion:168 Resp: 261350
Ion Ratio Lower Upper
168 100
99 50.4 38.9 58.3



#33
1,2-Dichloroethane-d4
Concen: 56.783 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005539.D
Acq: 04 Aug 2021 15:48

Tgt Ion: 65 Resp: 150220
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.4



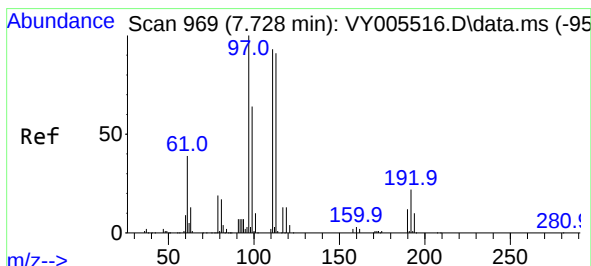
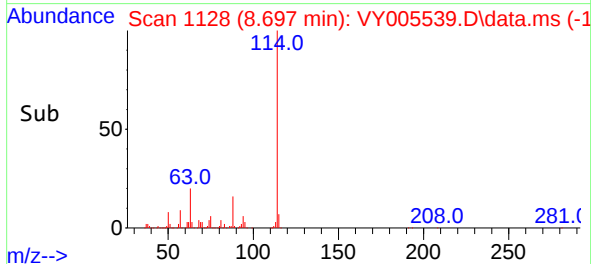
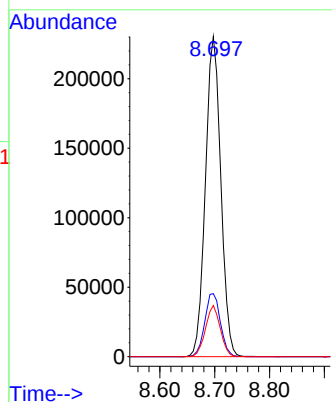
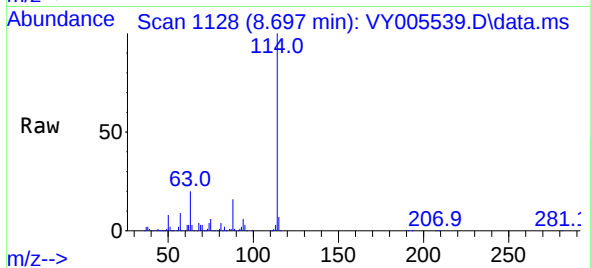


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005539.D
Acq: 04 Aug 2021 15:48

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

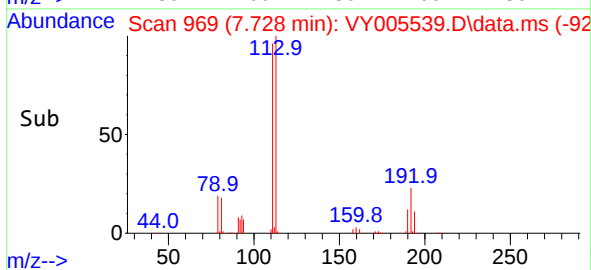
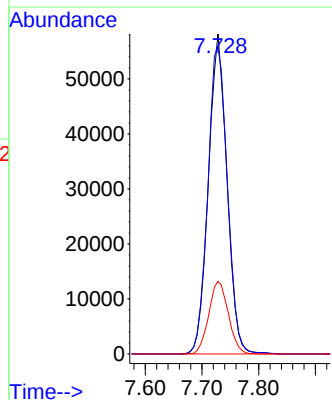
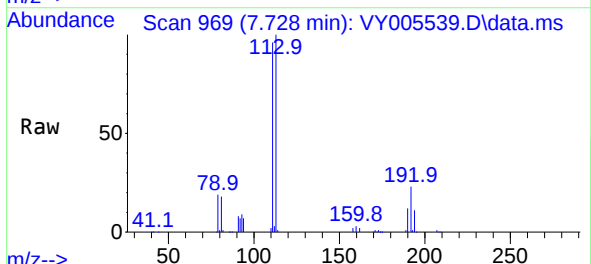
Tgt Ion:114 Resp: 447563
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.2
88 16.0 0.0 30.8

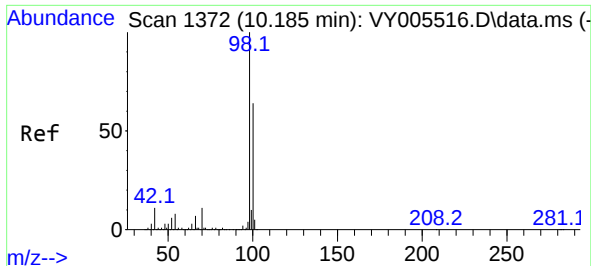


#35

Dibromofluoromethane
Concen: 52.624 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005539.D
Acq: 04 Aug 2021 15:48

Tgt Ion:113 Resp: 131864
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 24.0 19.2 28.8

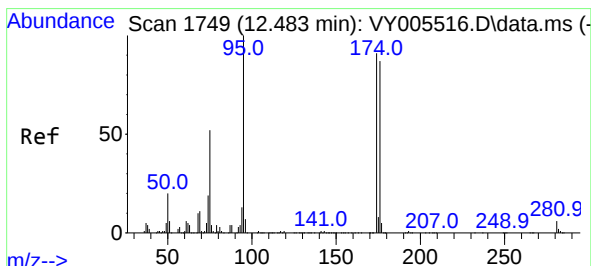
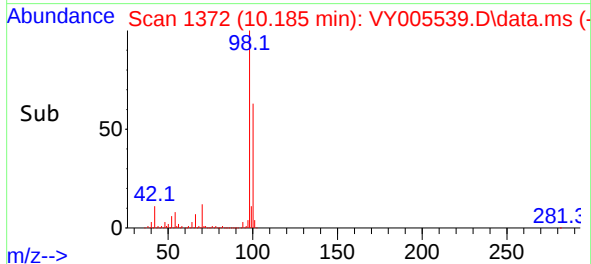
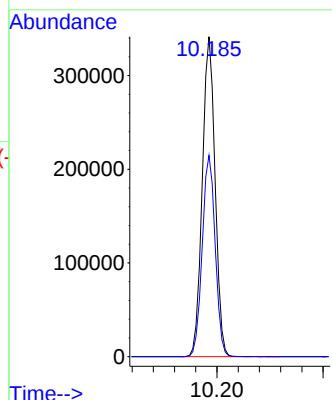
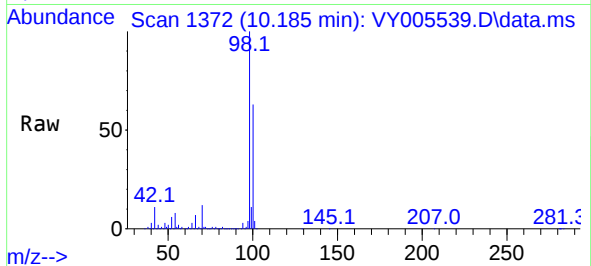




#50
Toluene-d8
Concen: 54.380 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005539.D
Acq: 04 Aug 2021 15:48

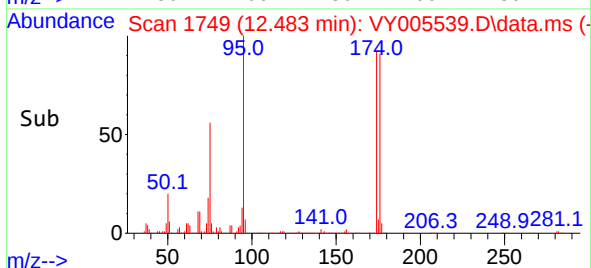
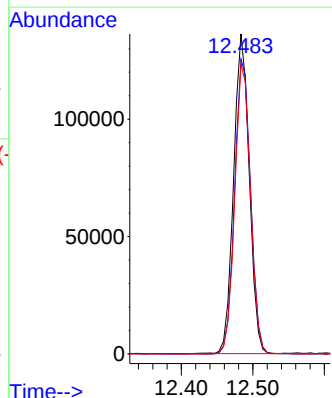
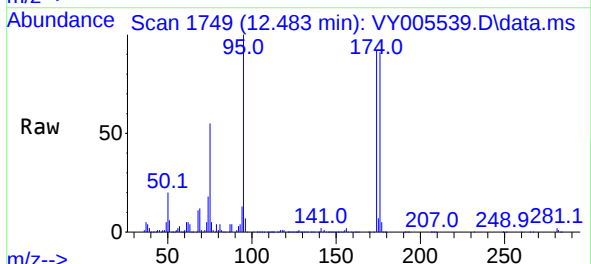
Instrument :
MSVOA_Y
ClientSampled :
WC-1

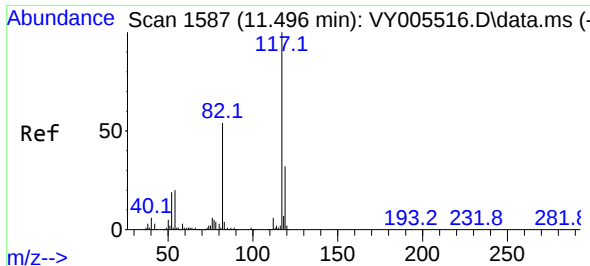
Tgt Ion: 98 Resp: 571491
Ion Ratio Lower Upper
98 100
100 63.6 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 59.282 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005539.D
Acq: 04 Aug 2021 15:48

Tgt Ion: 95 Resp: 206307
Ion Ratio Lower Upper
95 100
174 94.0 0.0 191.4
176 91.2 0.0 183.6

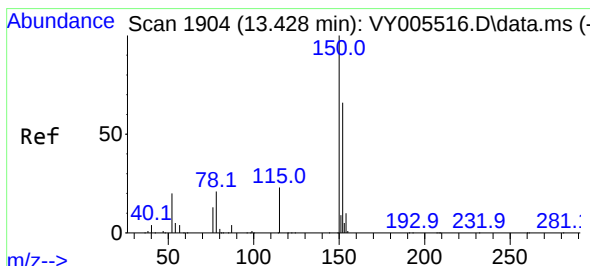
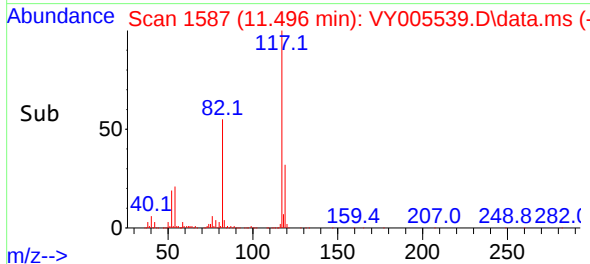
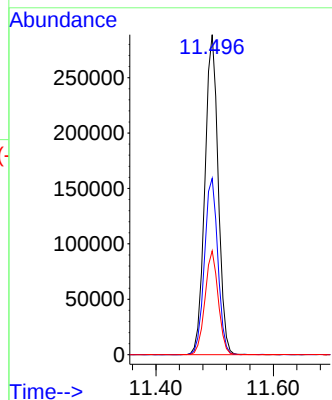
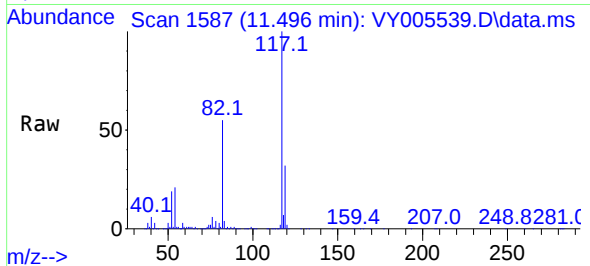




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005539.D
Acq: 04 Aug 2021 15:48

Instrument :
MSVOA_Y
ClientSampled :
WC-1

Tgt Ion:117 Resp: 454258
Ion Ratio Lower Upper
117 100
82 55.1 43.5 65.3
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005539.D
Acq: 04 Aug 2021 15:48

Tgt Ion:152 Resp: 234506
Ion Ratio Lower Upper
152 100
115 55.1 27.3 81.9
150 158.5 0.0 350.2

