

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011822\
 Data File : VY007202.D
 Acq On : 18 Jan 2022 10:25
 Operator : SY/MD
 Sample : VY0118SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0118SBL01

Quant Time: Jan 19 00:31:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	101780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	189224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	178588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76774	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	66607	53.335	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.660%
35) Dibromofluoromethane	7.722	113	62675	48.984	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.960%
50) Toluene-d8	10.185	98	233389	49.920	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.840%
62) 4-Bromofluorobenzene	12.483	95	84423	50.764	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.520%

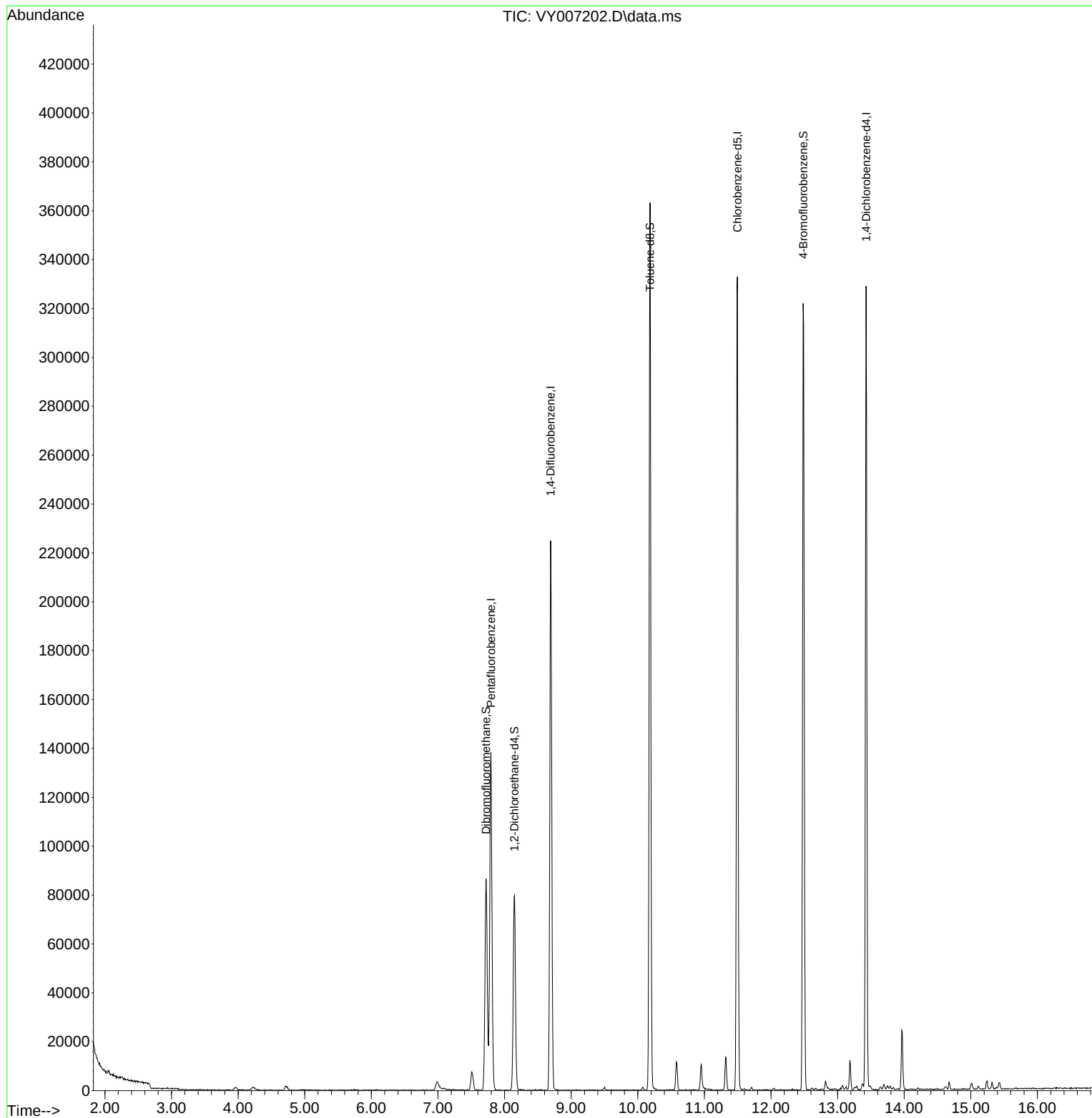
Target Compounds	Qvalue

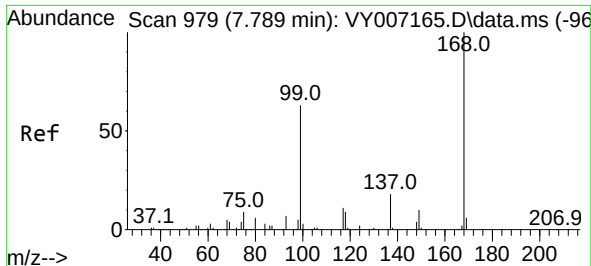
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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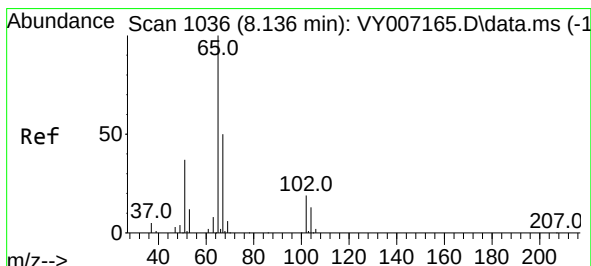
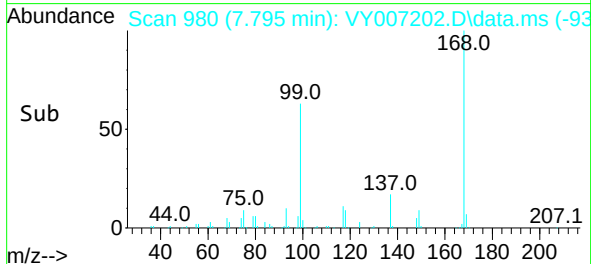
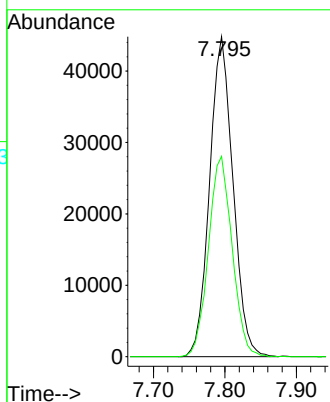
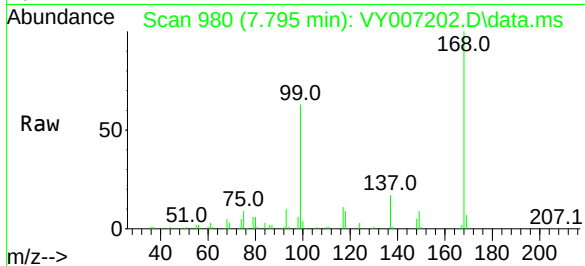




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007202.D
Acq: 18 Jan 2022 10:25

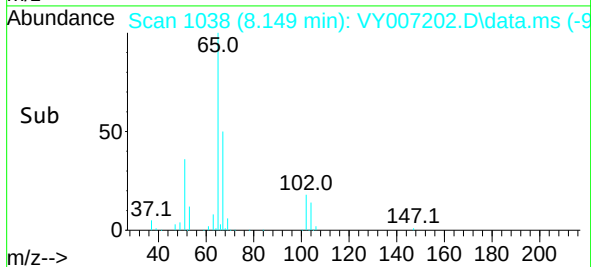
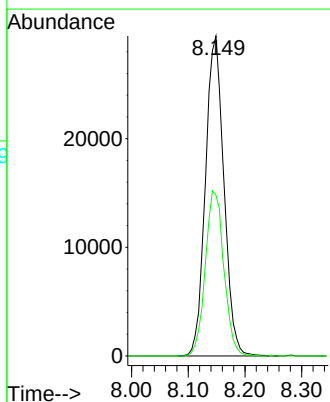
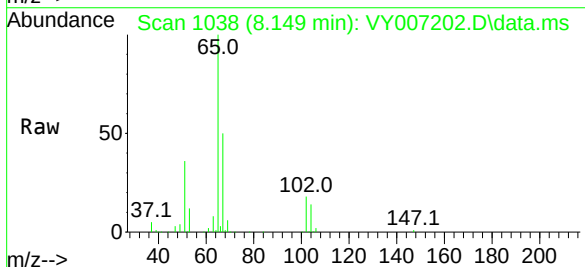
Instrument :
MSVOA_Y
ClientSampleId :
VY0118SBL01

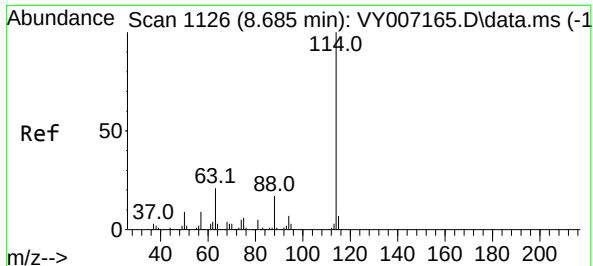
Tgt Ion:168 Resp: 101780
Ion Ratio Lower Upper
168 100
99 62.6 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 53.335 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VY007202.D
Acq: 18 Jan 2022 10:25

Tgt Ion: 65 Resp: 66607
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.6

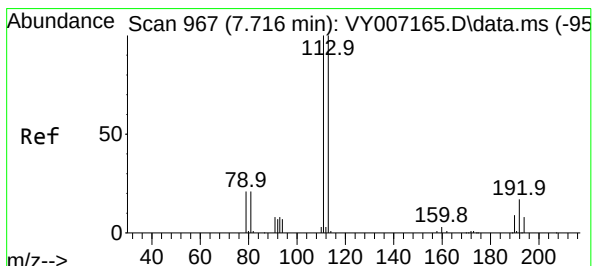
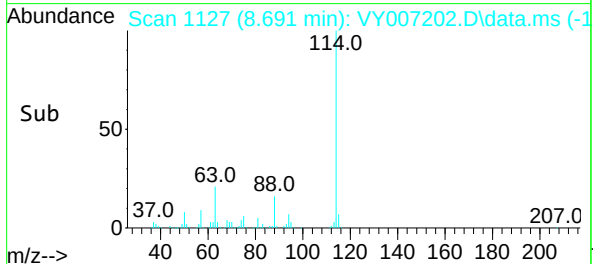
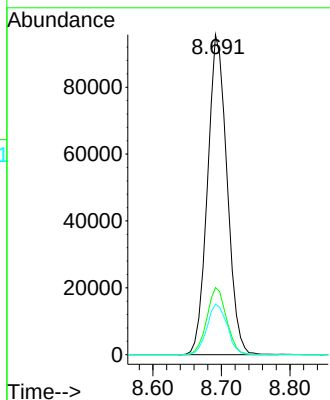
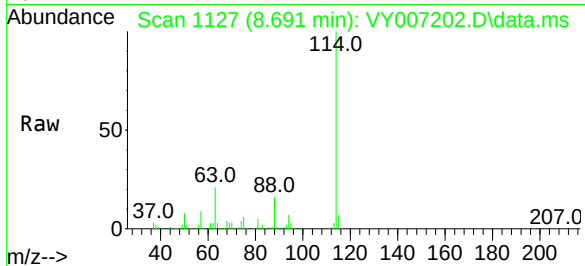




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.001 min
Lab File: VY007202.D
Acq: 18 Jan 2022 10:25

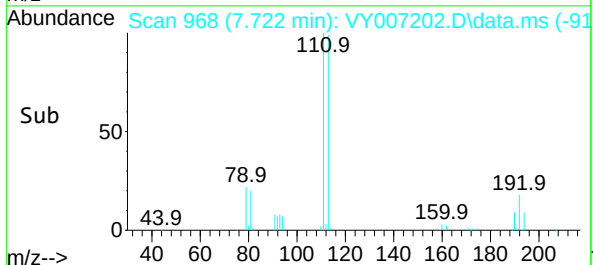
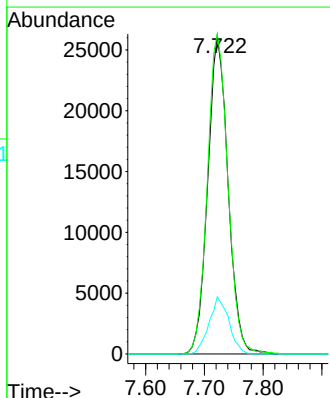
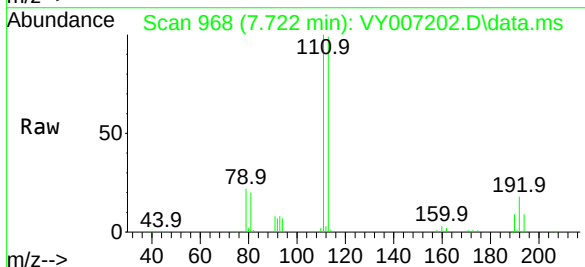
Instrument :
MSVOA_Y
ClientSampleId :
VY0118SBL01

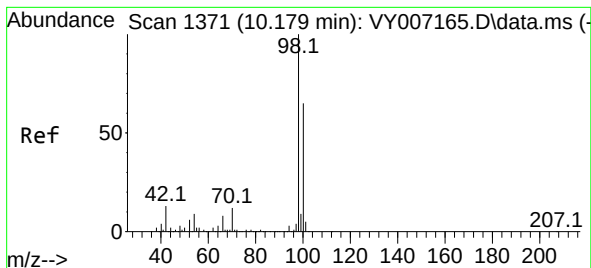
Tgt Ion:114 Resp: 189224
Ion Ratio Lower Upper
114 100
63 21.0 0.0 39.2
88 15.8 0.0 31.0



#35
Dibromofluoromethane
Concen: 48.984 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.007 min
Lab File: VY007202.D
Acq: 18 Jan 2022 10:25

Tgt Ion:113 Resp: 62675
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 17.5 14.2 21.4

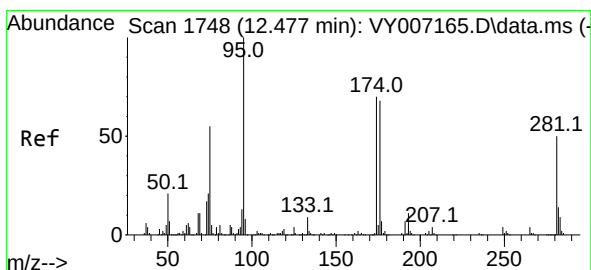
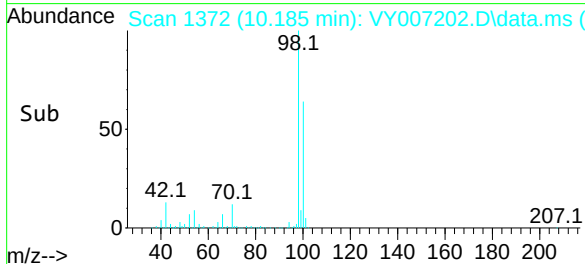
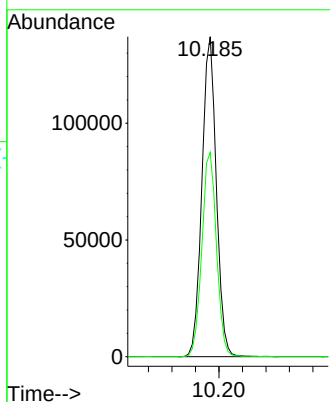
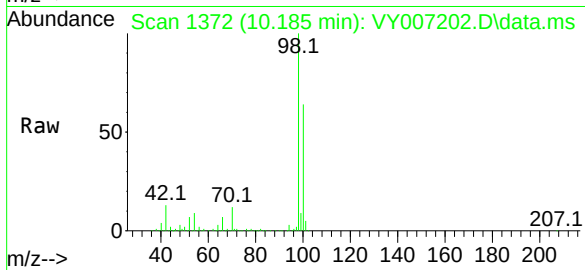




#50
Toluene-d8
Concen: 49.920 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY007202.D
Acq: 18 Jan 2022 10:25

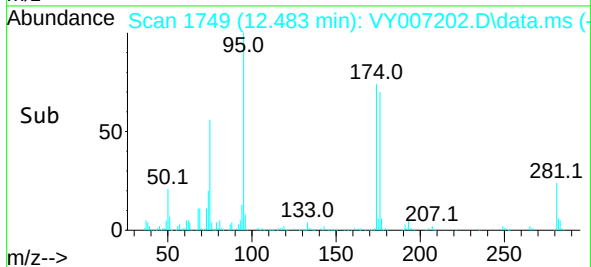
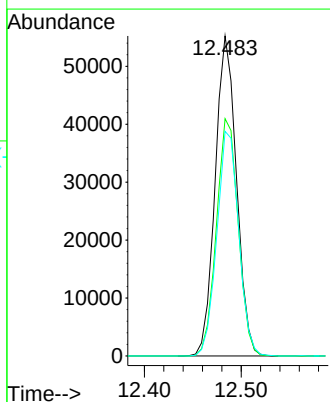
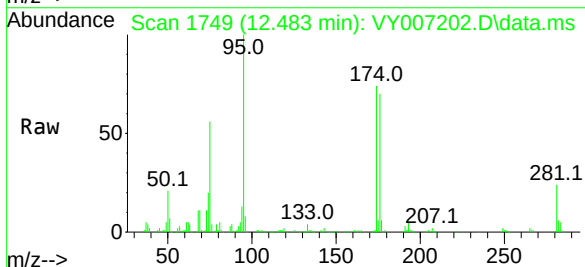
Instrument :
MSVOA_Y
ClientSampleId :
VY0118SBL01

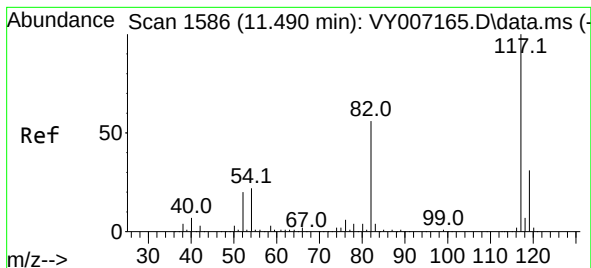
Tgt Ion: 98 Resp: 233389
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 50.764 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.001 min
Lab File: VY007202.D
Acq: 18 Jan 2022 10:25

Tgt Ion: 95 Resp: 84423
Ion Ratio Lower Upper
95 100
174 75.5 0.0 148.4
176 72.0 0.0 146.6

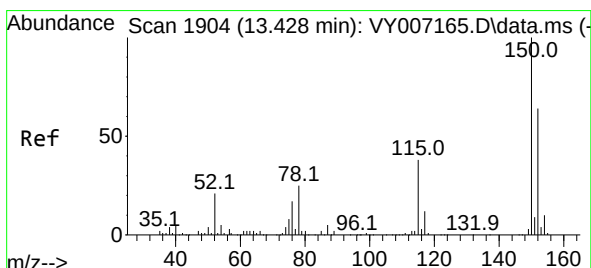
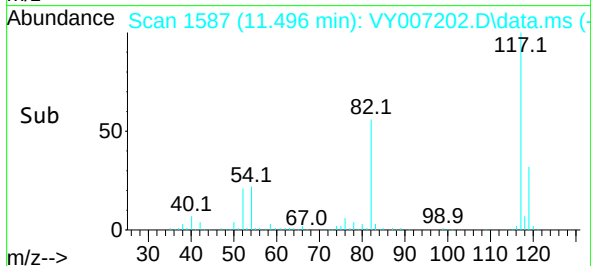
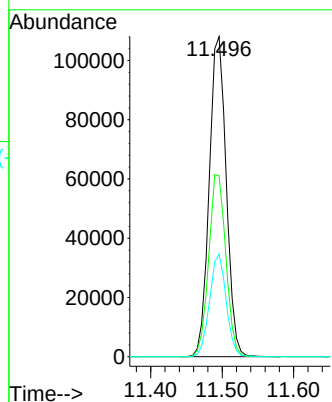
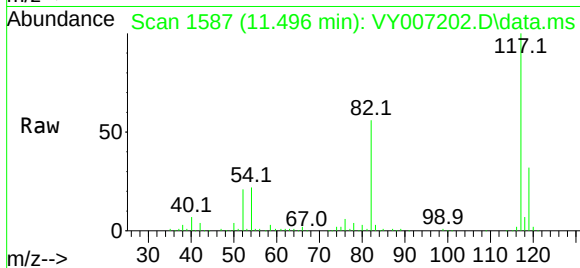




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY007202.D
Acq: 18 Jan 2022 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0118SBL01

Tgt Ion:117 Resp: 178588
Ion Ratio Lower Upper
117 100
82 56.5 45.4 68.0
119 32.1 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.001 min
Lab File: VY007202.D
Acq: 18 Jan 2022 10:25

Tgt Ion:152 Resp: 76774
Ion Ratio Lower Upper
152 100
115 63.1 31.4 94.0
150 157.1 0.0 348.4

