

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010923\
 Data File : VY012104.D
 Acq On : 09 Jan 2023 12:35
 Operator : KP/MD
 Sample : VY0109SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0109SBL01

Quant Time: Jan 10 01:44:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	142880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	223054	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	201920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99484	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	84370	52.551	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.100%
35) Dibromofluoromethane	7.715	113	72669	49.566	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.140%
50) Toluene-d8	10.178	98	270473	46.740	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.480%
62) 4-Bromofluorobenzene	12.483	95	91117	45.047	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.100%

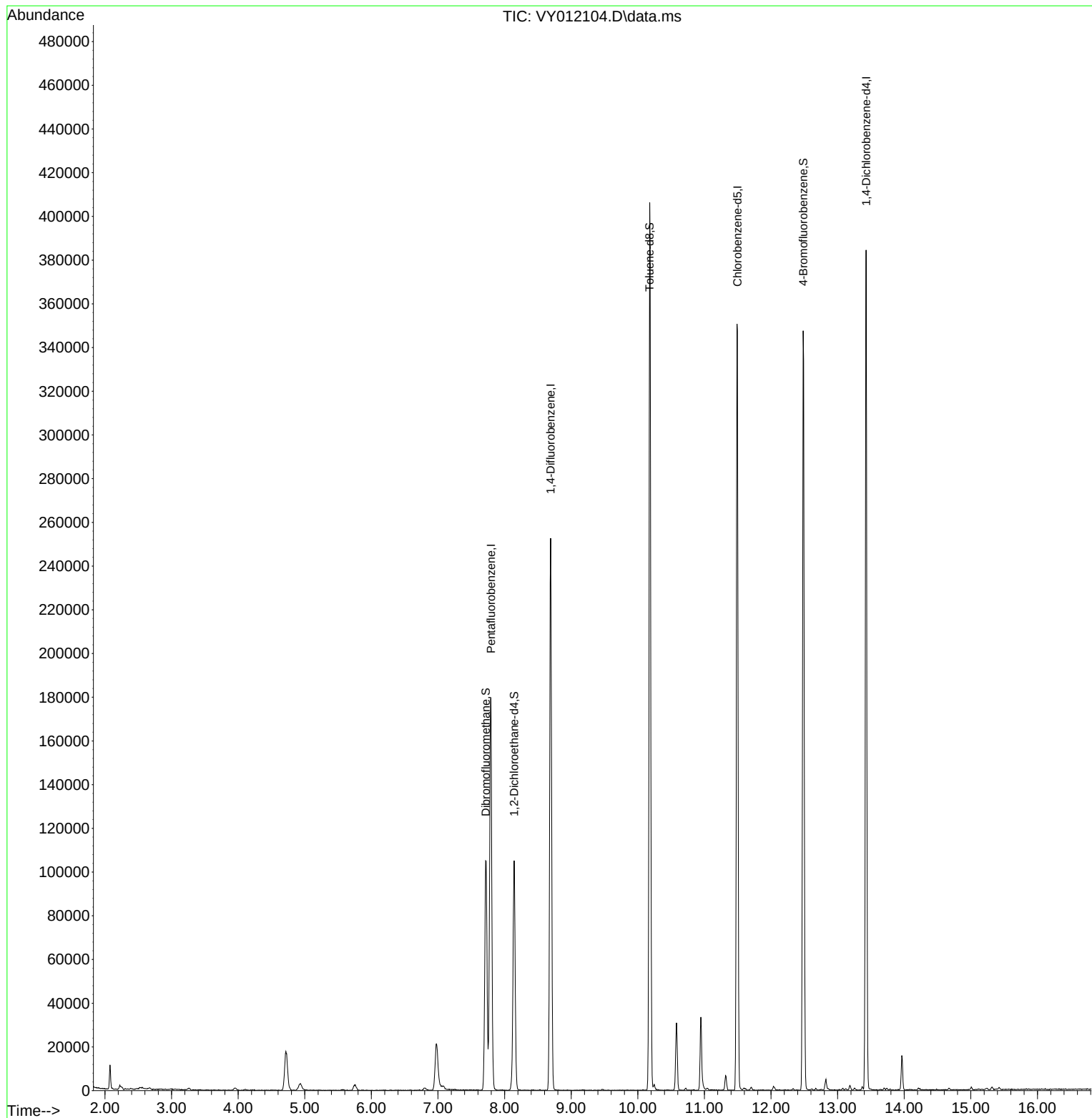
Target Compounds	Qvalue

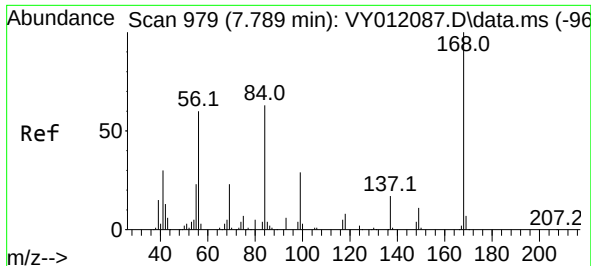
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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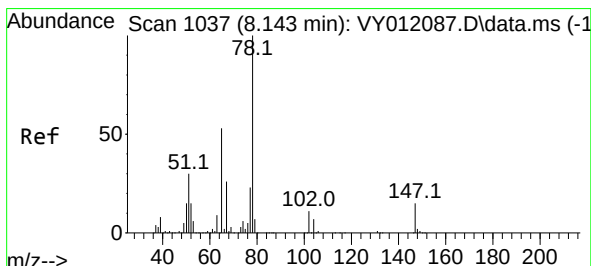
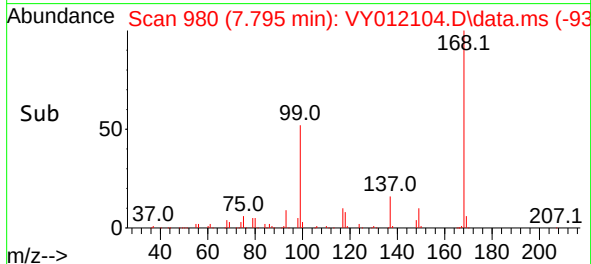
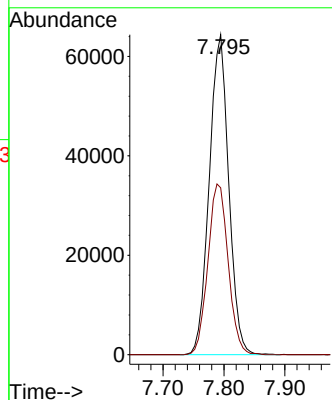
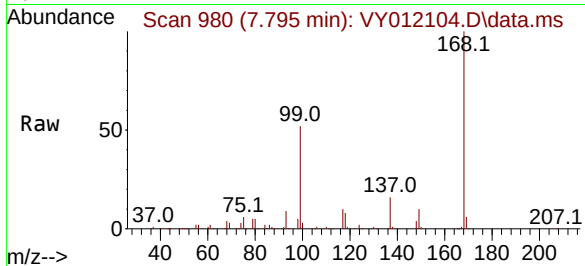




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012104.D
Acq: 09 Jan 2023 12:35

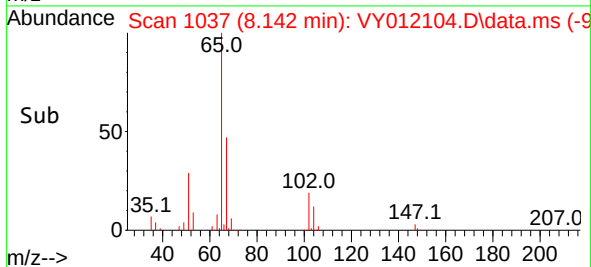
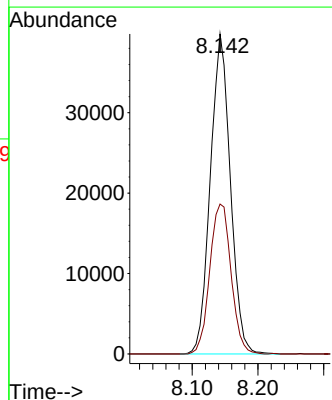
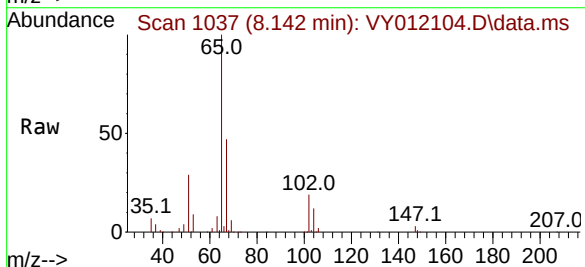
Instrument :
MSVOA_Y
ClientSampleId :
VY0109SBL01

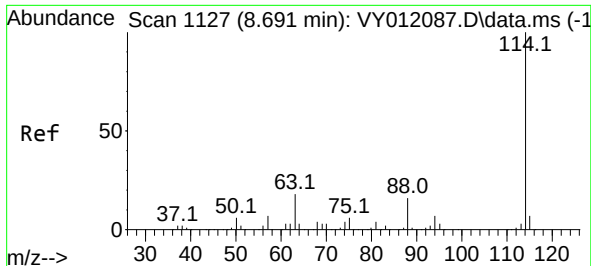
Tgt Ion:168 Resp: 142880
Ion Ratio Lower Upper
168 100
99 52.2 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 52.551 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012104.D
Acq: 09 Jan 2023 12:35

Tgt Ion: 65 Resp: 84370
Ion Ratio Lower Upper
65 100
67 49.7 0.0 103.2

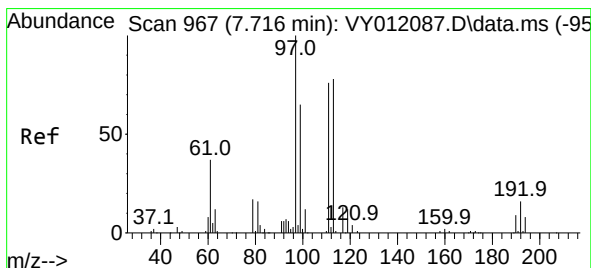
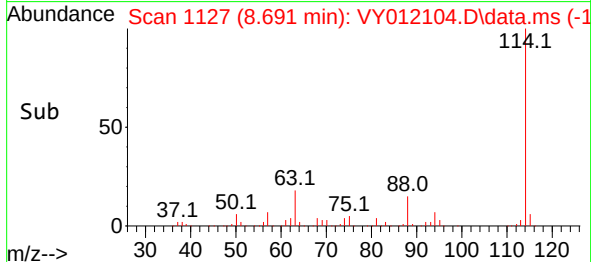
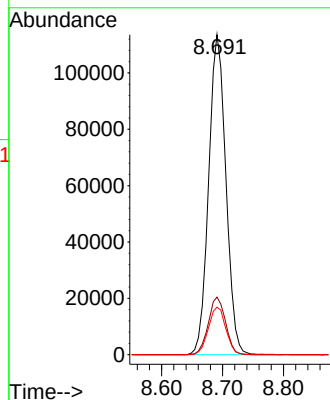
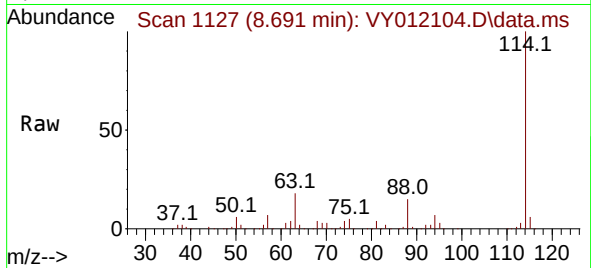




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012104.D
Acq: 09 Jan 2023 12:35

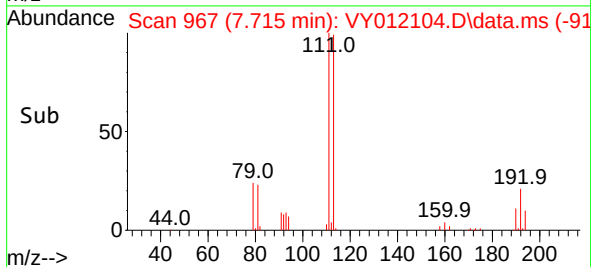
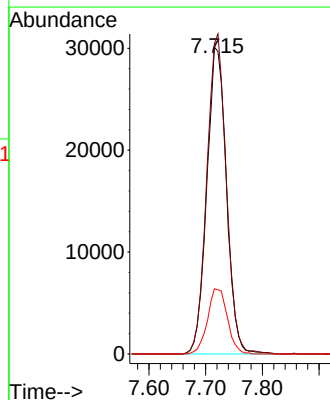
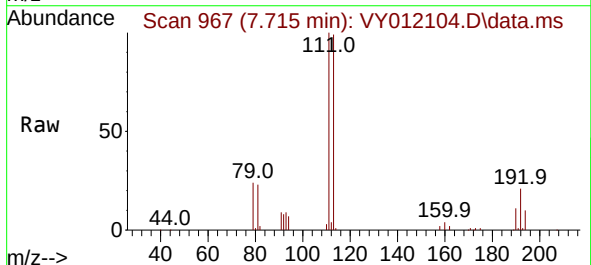
Instrument :
MSVOA_Y
ClientSampleId :
VY0109SBL01

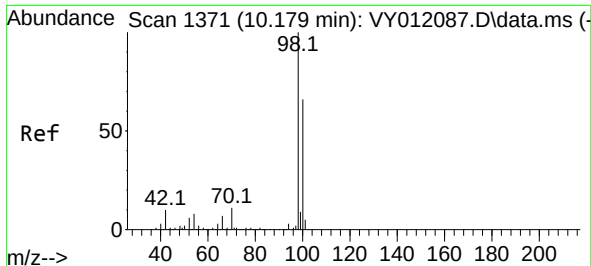
Tgt Ion:114 Resp: 223054
Ion Ratio Lower Upper
114 100
63 18.0 0.0 39.6
88 14.9 0.0 32.2



#35
Dibromofluoromethane
Concen: 49.566 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.001 min
Lab File: VY012104.D
Acq: 09 Jan 2023 12:35

Tgt Ion:113 Resp: 72669
Ion Ratio Lower Upper
113 100
111 103.0 83.0 124.4
192 21.5 16.0 24.0

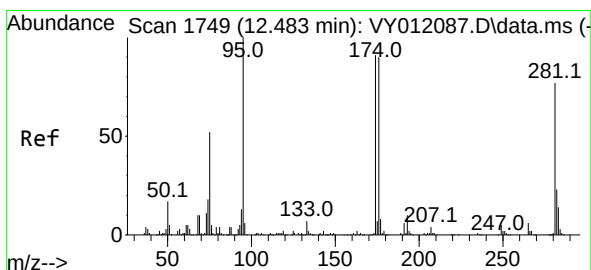
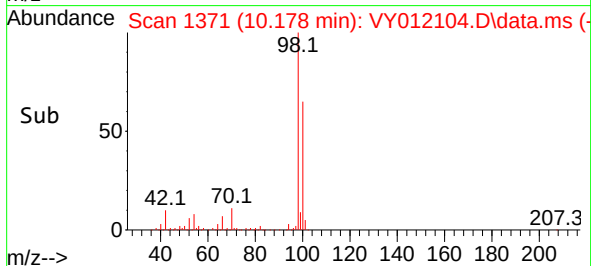
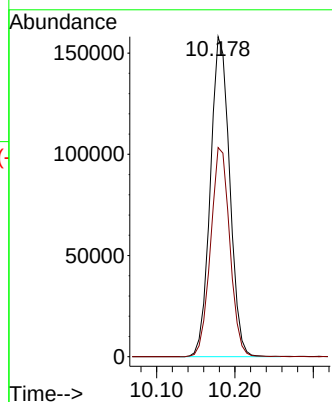
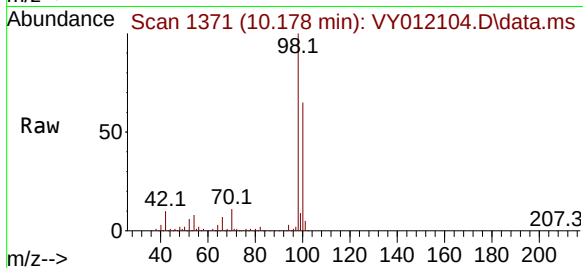




#50
Toluene-d8
Concen: 46.740 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012104.D
Acq: 09 Jan 2023 12:35

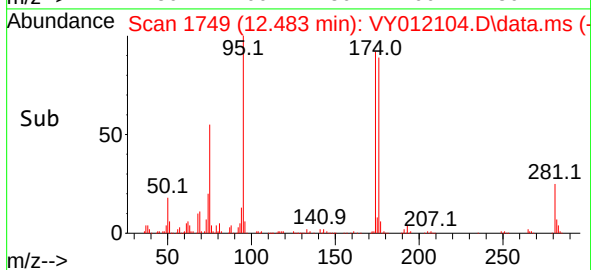
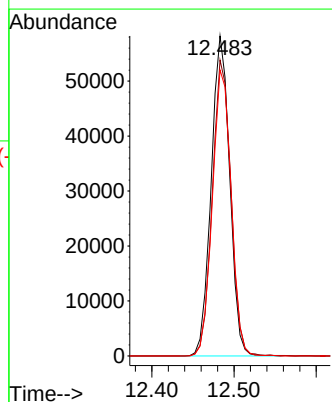
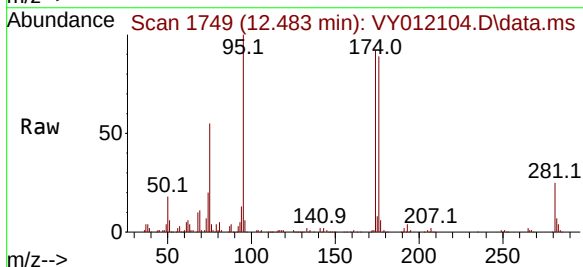
Instrument :
MSVOA_Y
ClientSampleId :
VY0109SBL01

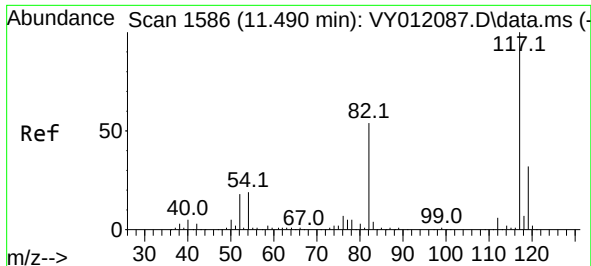
Tgt Ion: 98 Resp: 270473
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.047 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012104.D
Acq: 09 Jan 2023 12:35

Tgt Ion: 95 Resp: 91117
Ion Ratio Lower Upper
95 100
174 92.9 0.0 172.0
176 90.8 0.0 167.6

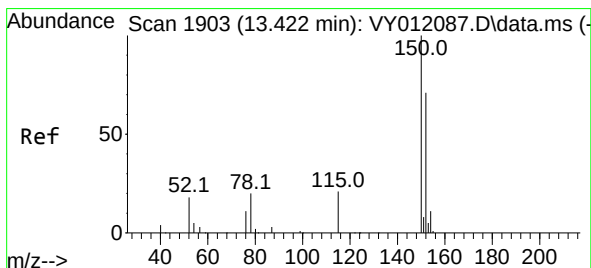
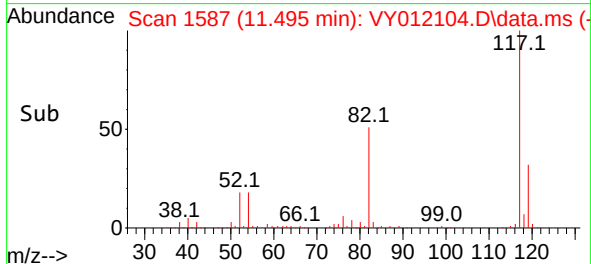
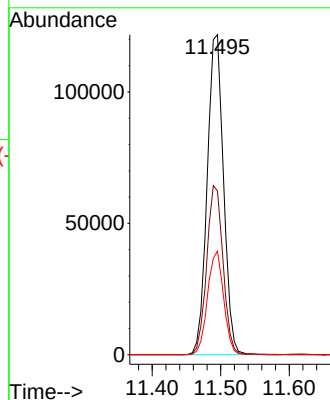
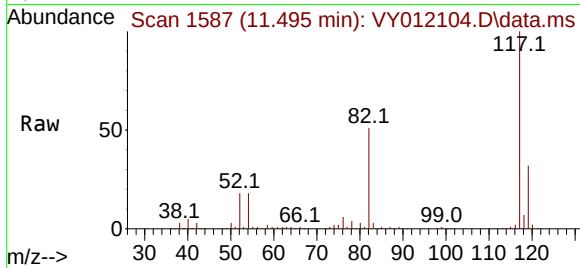




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY012104.D
Acq: 09 Jan 2023 12:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0109SBL01

Tgt Ion:117 Resp: 201920
Ion Ratio Lower Upper
117 100
82 51.1 44.8 67.2
119 32.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012104.D
Acq: 09 Jan 2023 12:35

Tgt Ion:152 Resp: 99484
Ion Ratio Lower Upper
152 100
115 57.6 29.1 87.3
150 158.2 0.0 342.6

