

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010923\
 Data File : VY012110.D
 Acq On : 09 Jan 2023 15:00
 Operator : KP/MD
 Sample : 01064-02
 Misc : 6.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S4-02

Quant Time: Jan 10 01:47:06 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	7.789	168	162171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	276970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	264718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	122825	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	104505	57.349	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.700%
35) Dibromofluoromethane	7.722	113	84943	46.660	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.320%
50) Toluene-d8	10.178	98	330607	46.010	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.020%
62) 4-Bromofluorobenzene	12.483	95	107918	42.967	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.940%

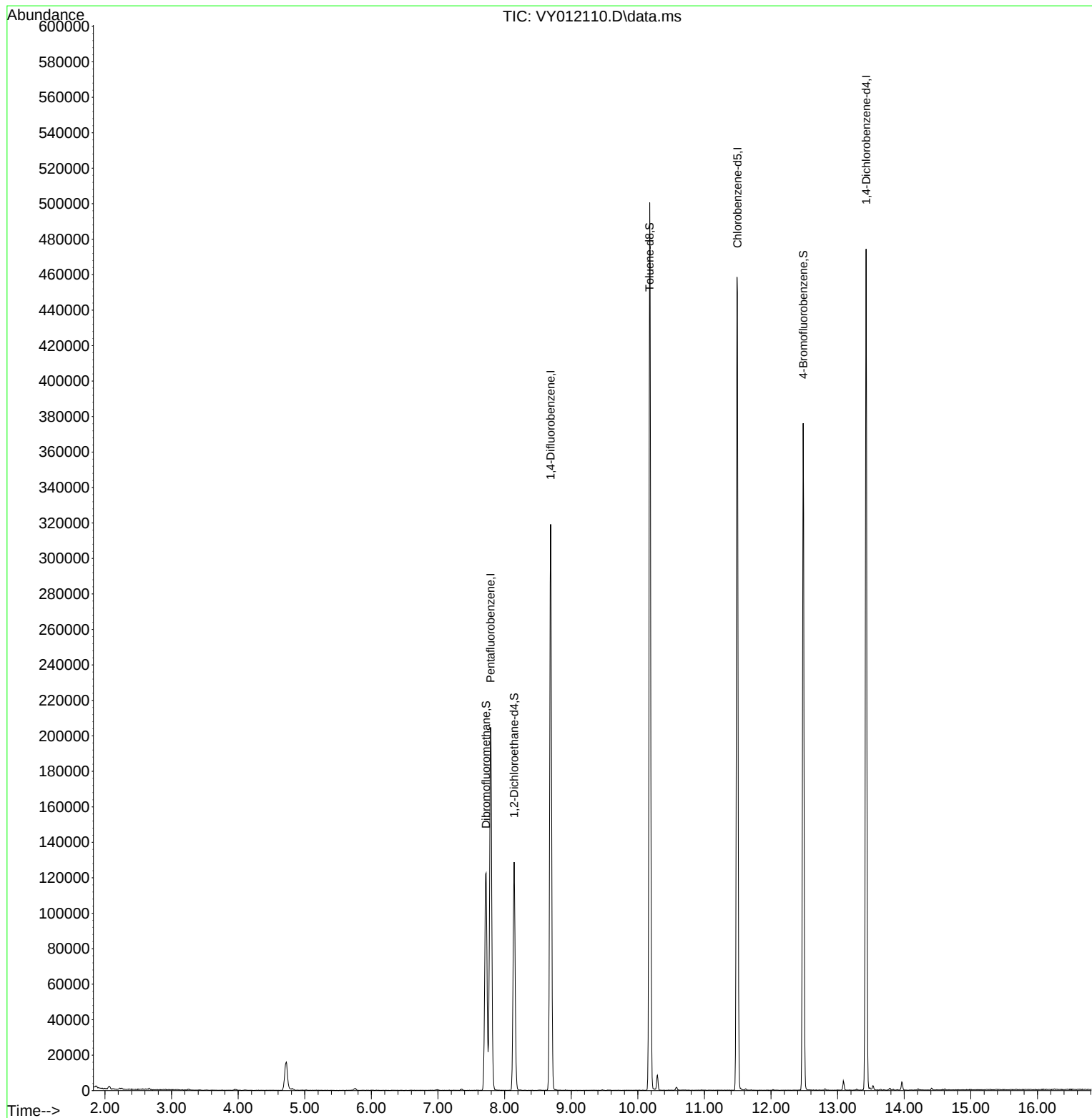
Target Compounds	Qvalue

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

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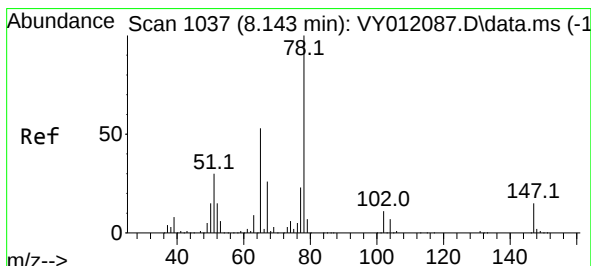
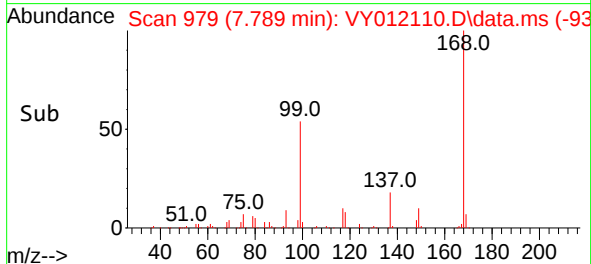
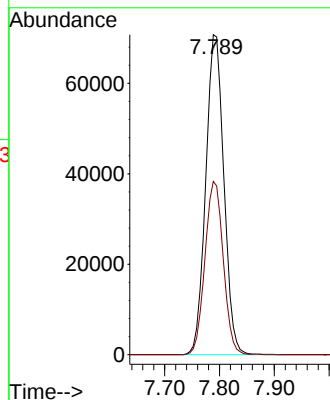
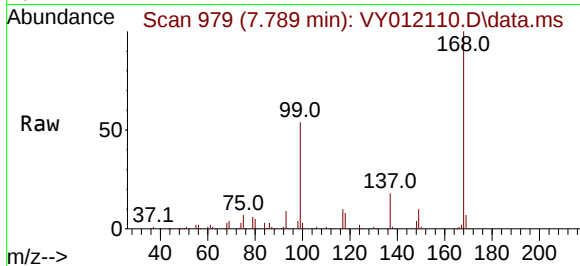




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012110.D
Acq: 09 Jan 2023 15:00

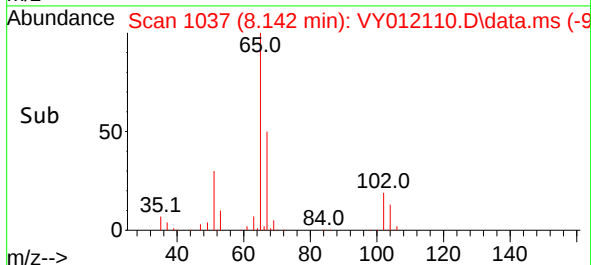
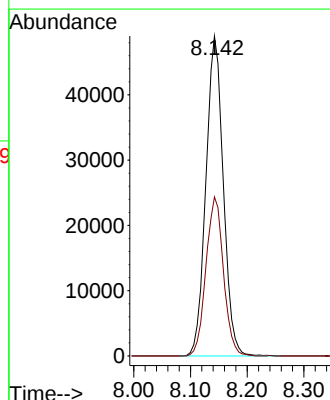
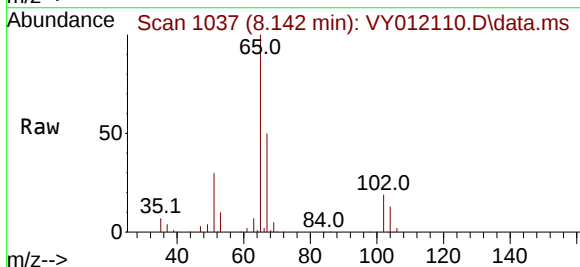
Instrument :
MSVOA_Y
ClientSampleId :
S4-02

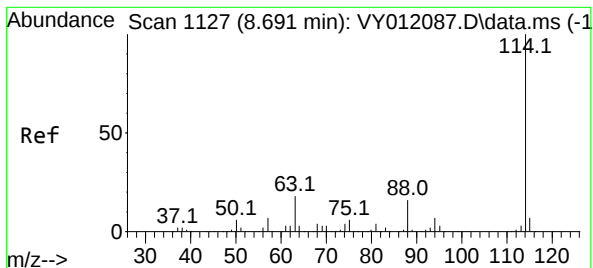
Tgt Ion:168 Resp: 162171
Ion Ratio Lower Upper
168 100
99 54.1 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 57.349 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012110.D
Acq: 09 Jan 2023 15:00

Tgt Ion: 65 Resp: 104505
Ion Ratio Lower Upper
65 100
67 50.0 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: VY012110.D

Acq: 09 Jan 2023 15:00

Instrument :

MSVOA_Y

ClientSampleId :

S4-02

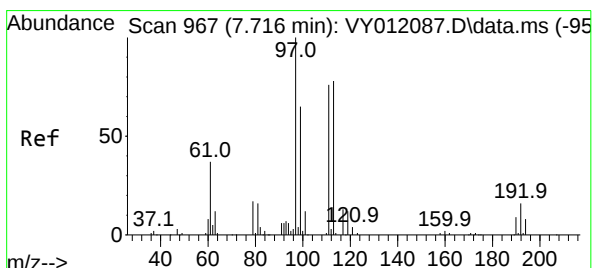
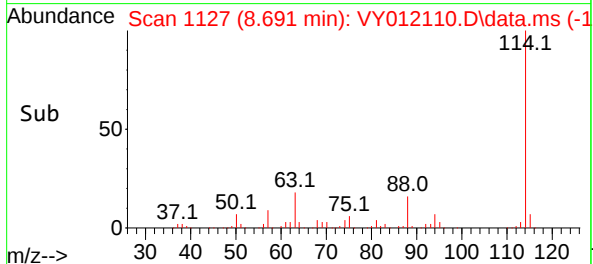
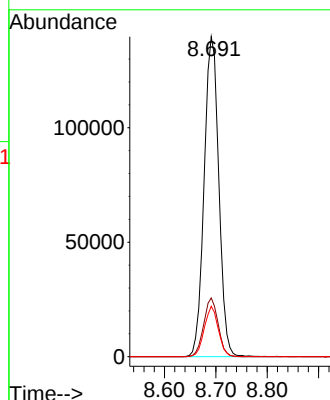
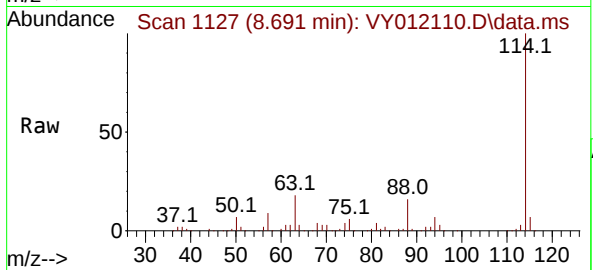
Tgt Ion:114 Resp: 276970

Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.6

88 15.8 0.0 32.2



#35

Dibromofluoromethane

Concen: 46.660 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012110.D

Acq: 09 Jan 2023 15:00

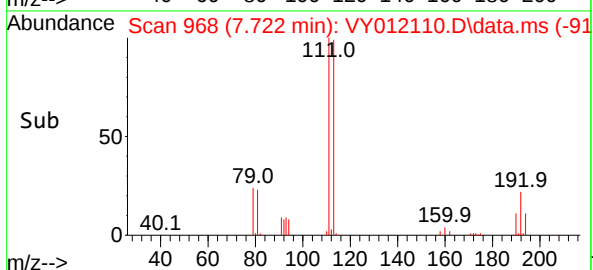
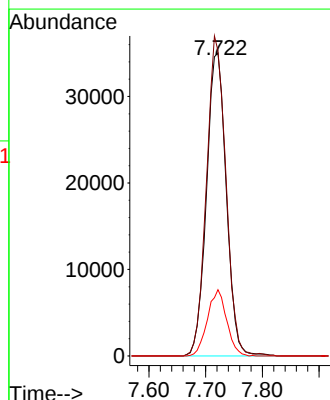
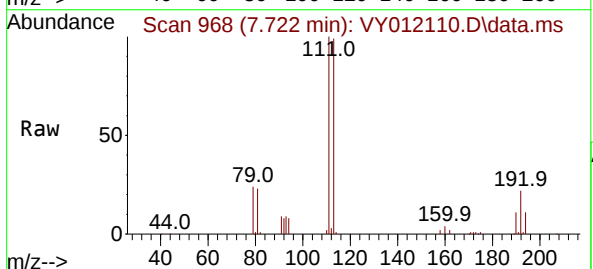
Tgt Ion:113 Resp: 84943

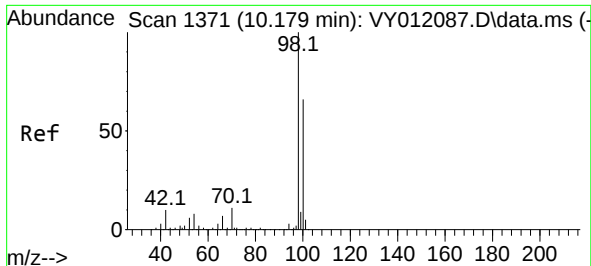
Ion Ratio Lower Upper

113 100

111 103.0 83.0 124.4

192 21.2 16.0 24.0

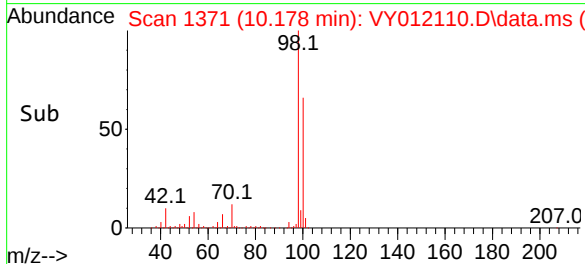
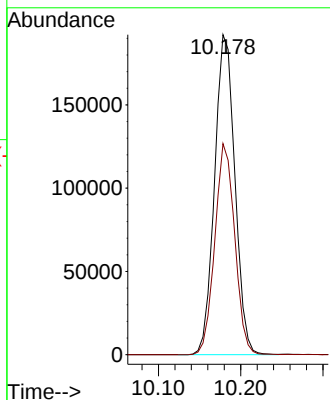
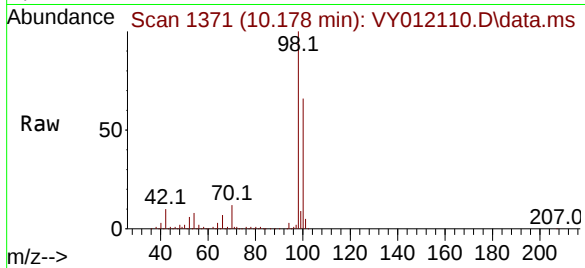




#50
Toluene-d8
Concen: 46.010 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012110.D
Acq: 09 Jan 2023 15:00

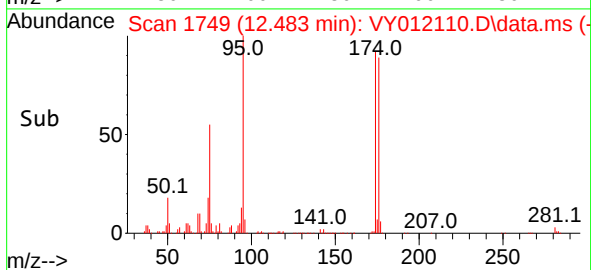
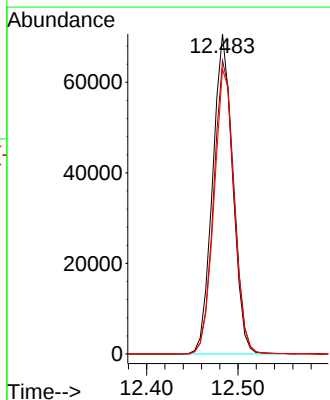
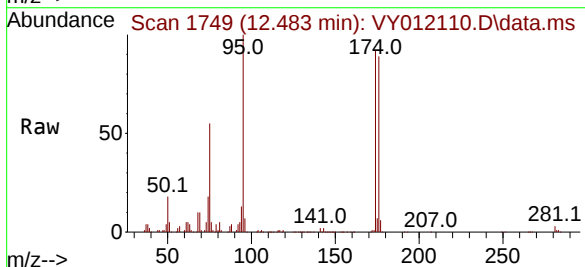
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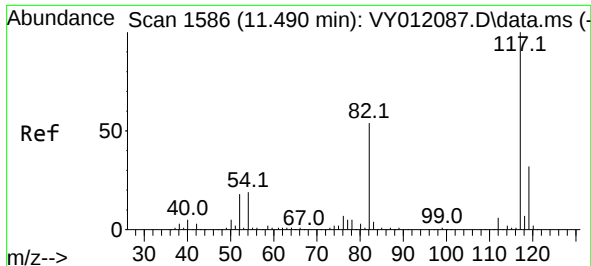
Tgt Ion: 98 Resp: 330607
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 42.967 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012110.D
Acq: 09 Jan 2023 15:00

Tgt Ion: 95 Resp: 107918
Ion Ratio Lower Upper
95 100
174 93.7 0.0 172.0
176 89.9 0.0 167.6

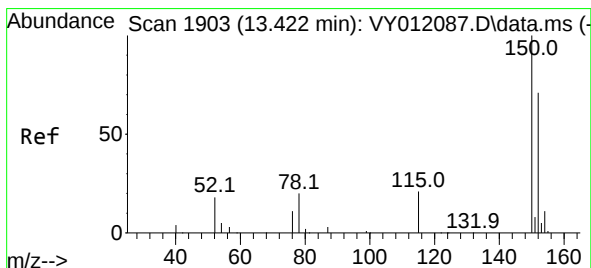
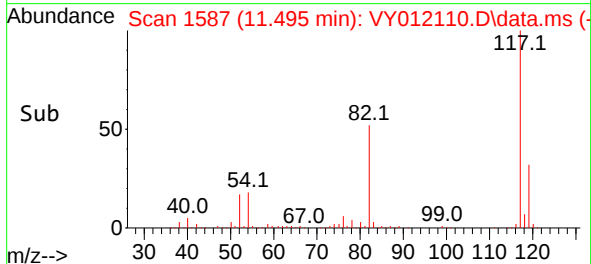
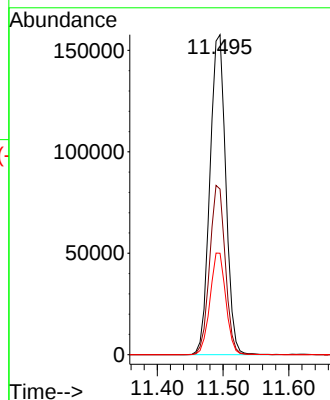
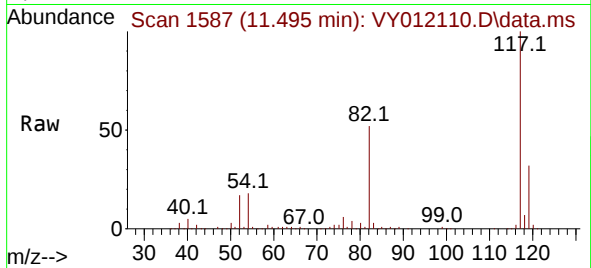




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY012110.D
Acq: 09 Jan 2023 15:00

Instrument :
MSVOA_Y
ClientSampleId :
S4-02

Tgt Ion:117 Resp: 264718
Ion Ratio Lower Upper
117 100
82 51.8 44.8 67.2
119 31.7 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: VY012110.D
Acq: 09 Jan 2023 15:00

Tgt Ion:152 Resp: 122825
Ion Ratio Lower Upper
152 100
115 56.7 29.1 87.3
150 157.3 0.0 342.6

