

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010923\
 Data File : VY012111.D
 Acq On : 09 Jan 2023 15:24
 Operator : KP/MD
 Sample : 01064-03
 Misc : 6.46g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S4-03

Quant Time: Jan 10 01:47:22 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	155574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	261770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	242348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	111845	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	97948	56.030	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.060%
35) Dibromofluoromethane	7.722	113	79364	46.127	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.260%
50) Toluene-d8	10.179	98	313898	46.222	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.440%
62) 4-Bromofluorobenzene	12.483	95	98710	41.583	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.160%

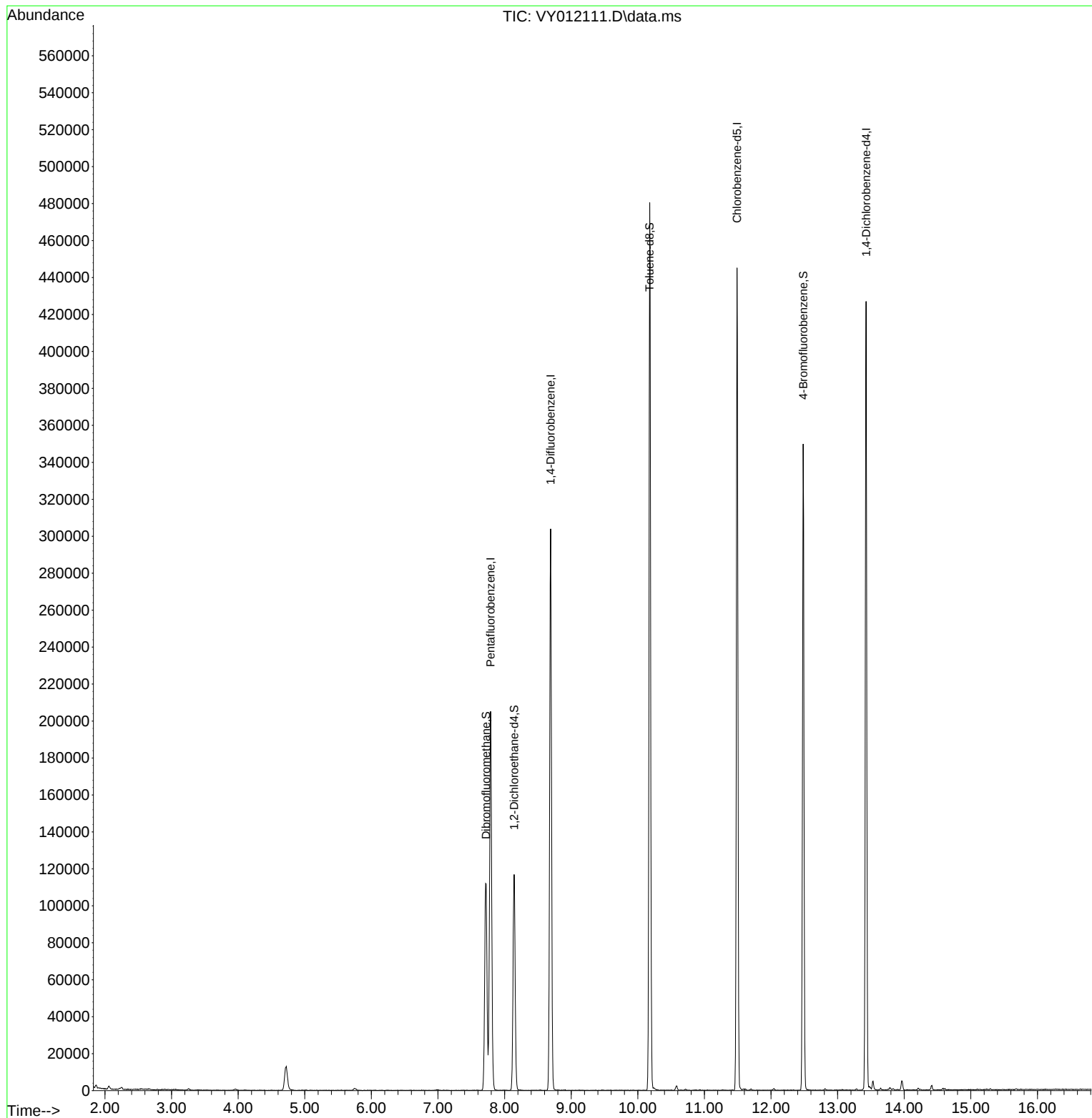
Target Compounds	Qvalue

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

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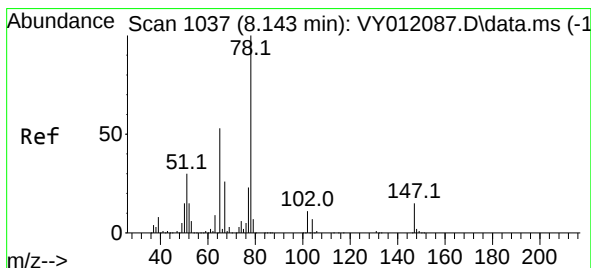
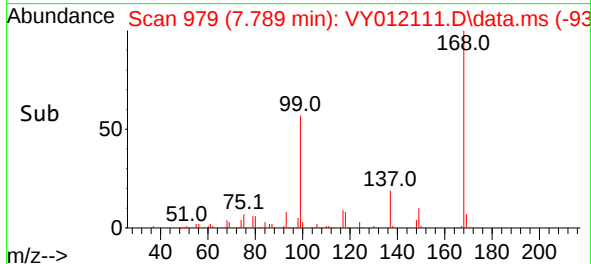
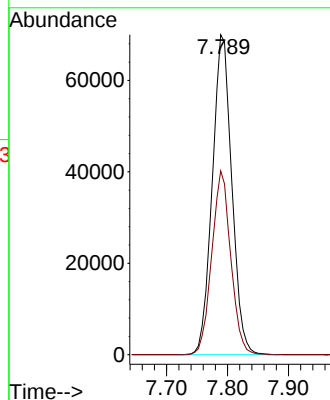
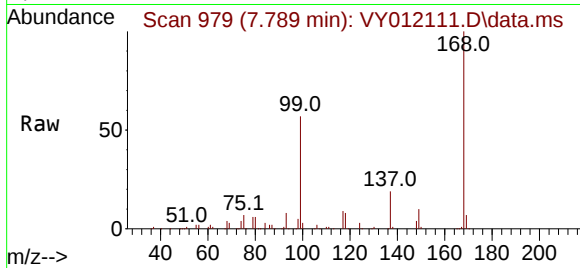




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012111.D
Acq: 09 Jan 2023 15:24

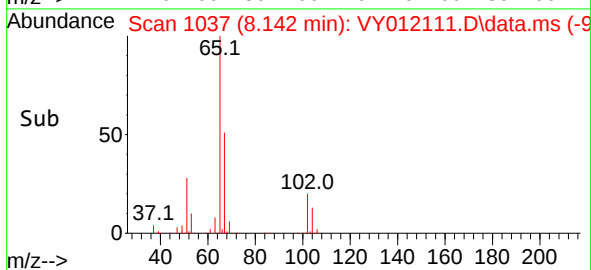
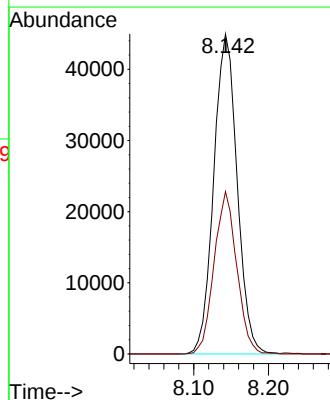
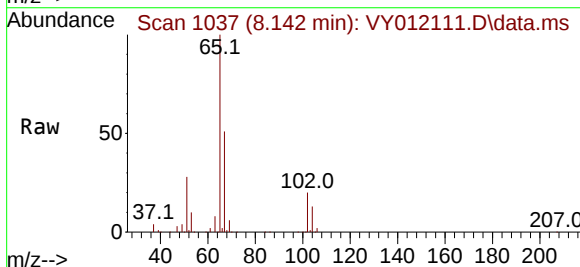
Instrument :
MSVOA_Y
ClientSampleId :
S4-03

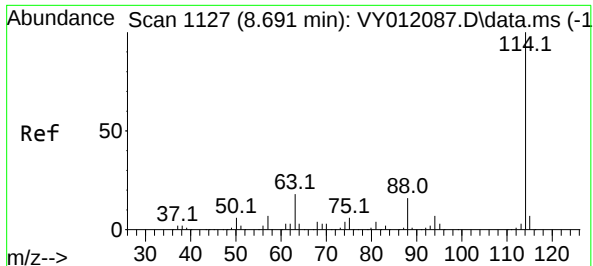
Tgt Ion:168 Resp: 155574
Ion Ratio Lower Upper
168 100
99 57.5 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 56.030 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012111.D
Acq: 09 Jan 2023 15:24

Tgt Ion: 65 Resp: 97948
Ion Ratio Lower Upper
65 100
67 49.1 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: VY012111.D

Acq: 09 Jan 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

S4-03

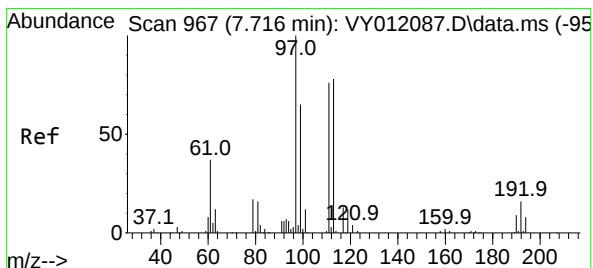
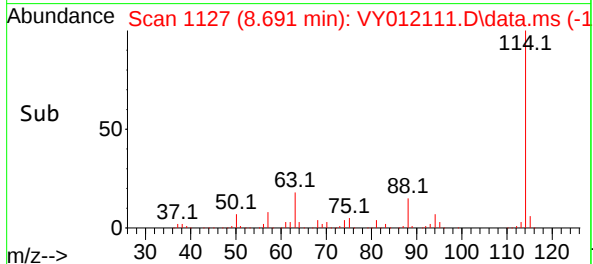
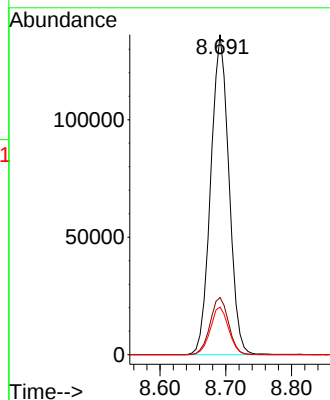
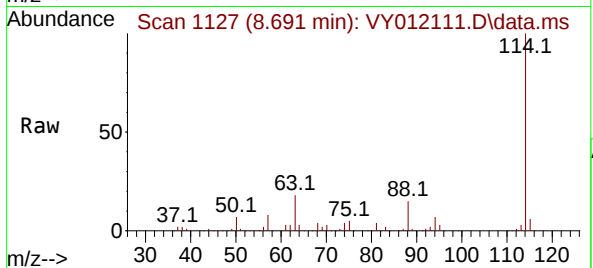
Tgt Ion:114 Resp: 261770

Ion Ratio Lower Upper

114 100

63 17.9 0.0 39.6

88 14.9 0.0 32.2



#35

Dibromofluoromethane

Concen: 46.127 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012111.D

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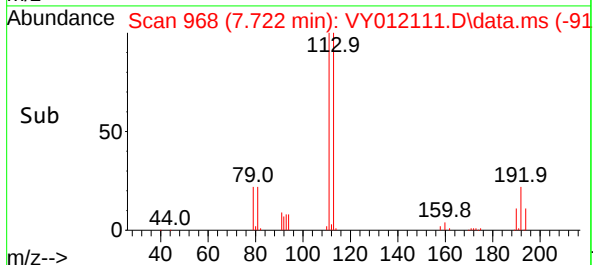
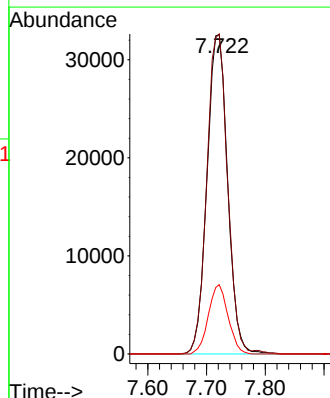
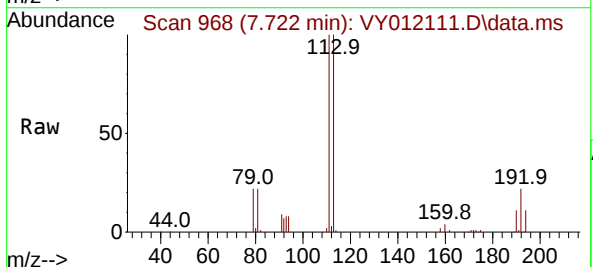
Tgt Ion:113 Resp: 79364

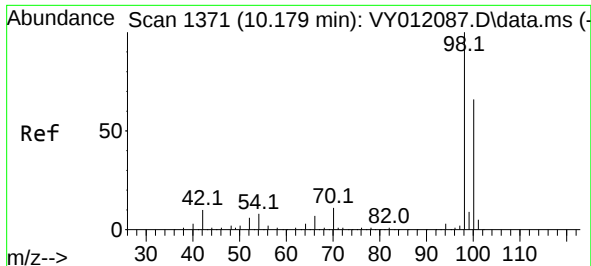
Ion Ratio Lower Upper

113 100

111 101.0 83.0 124.4

192 20.8 16.0 24.0

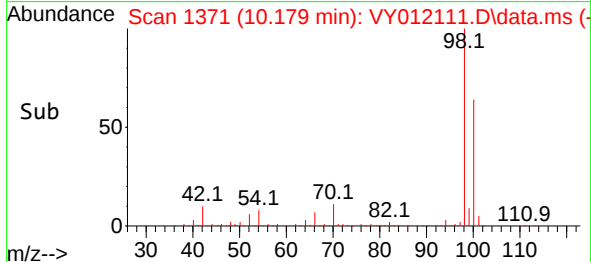
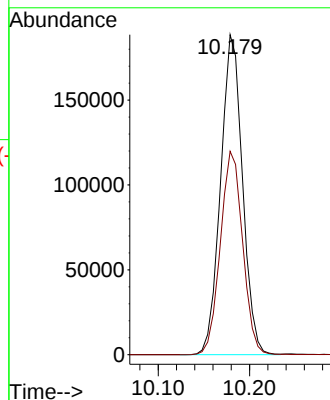
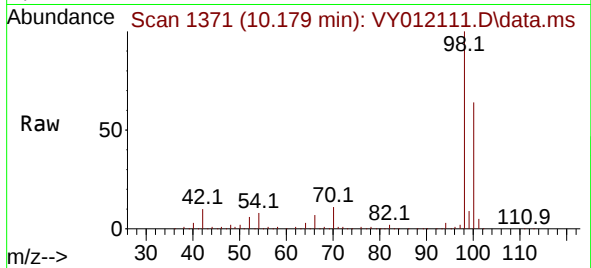




#50
Toluene-d8
Concen: 46.222 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012111.D
Acq: 09 Jan 2023 15:24

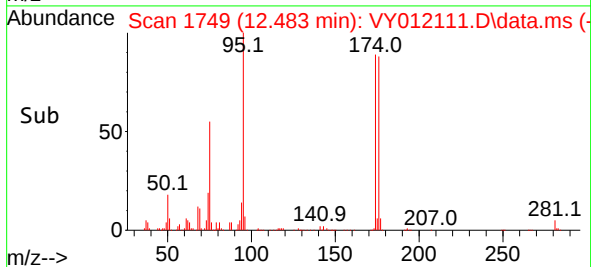
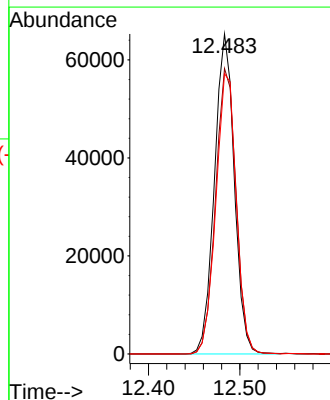
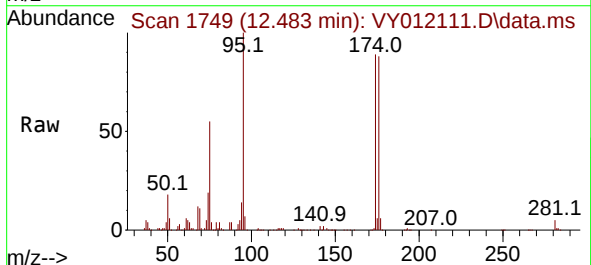
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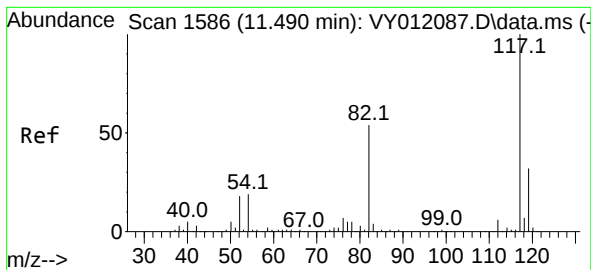
Tgt Ion: 98 Resp: 313898
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 41.583 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012111.D
Acq: 09 Jan 2023 15:24

Tgt Ion: 95 Resp: 98710
Ion Ratio Lower Upper
95 100
174 92.2 0.0 172.0
176 90.1 0.0 167.6

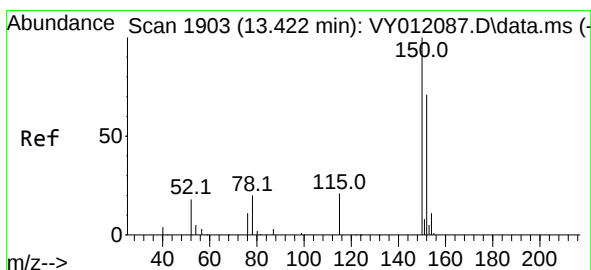
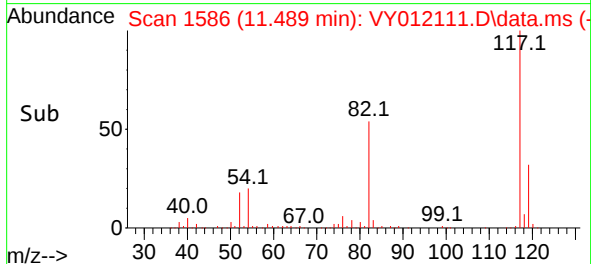
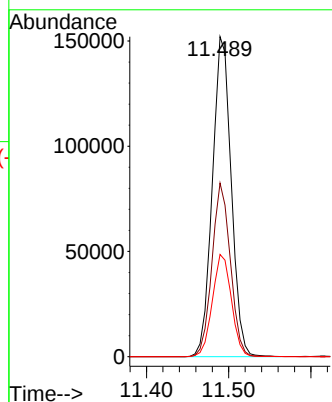
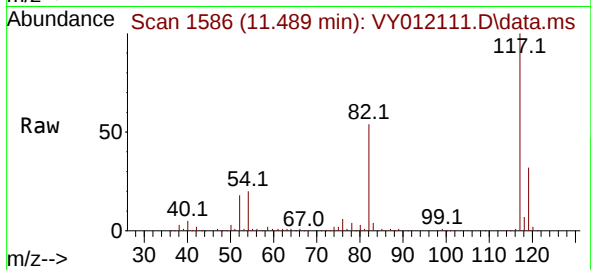




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012111.D
Acq: 09 Jan 2023 15:24

Instrument :
MSVOA_Y
ClientSampleId :
S4-03

Tgt Ion:117 Resp: 242348
Ion Ratio Lower Upper
117 100
82 54.3 44.8 67.2
119 32.0 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: VY012111.D
Acq: 09 Jan 2023 15:24

Tgt Ion:152 Resp: 111845
Ion Ratio Lower Upper
152 100
115 56.7 29.1 87.3
150 156.2 0.0 342.6

