

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010923\
 Data File : VY012116.D
 Acq On : 09 Jan 2023 17:21
 Operator : KP/MD
 Sample : 01064-08
 Misc : 1.16g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-14-03

Quant Time: Jan 10 01:49:01 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	165331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	284177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	249494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97319	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	100481	54.087	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.180%
35) Dibromofluoromethane	7.716	113	84694	45.343	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.680%
50) Toluene-d8	10.179	98	329560	44.702	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.400%
62) 4-Bromofluorobenzene	12.483	95	96388	37.403	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.800%

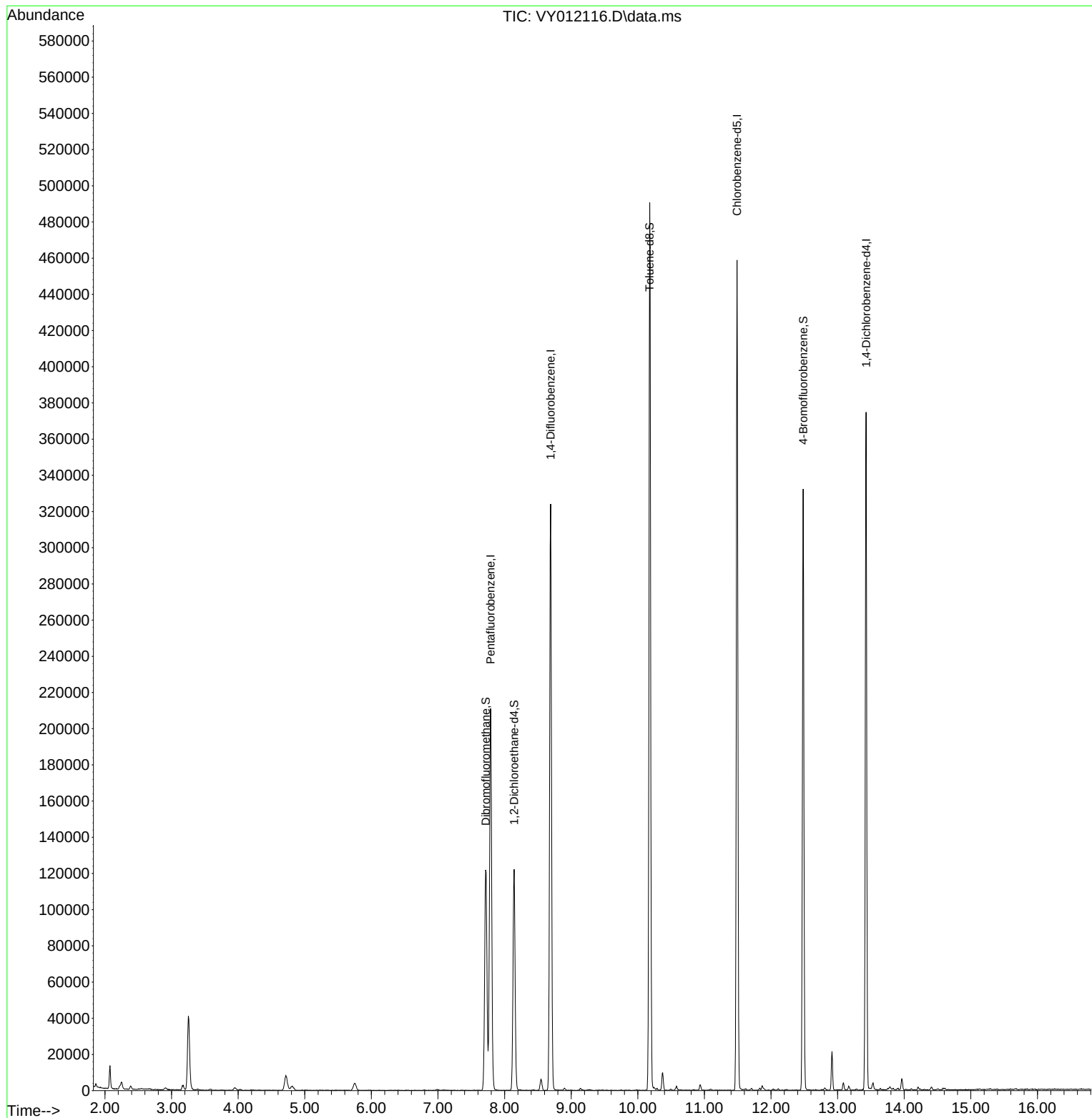
Target Compounds	Qvalue

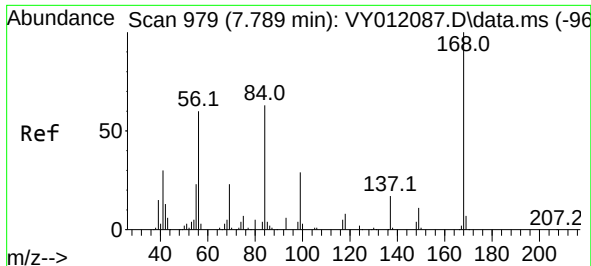
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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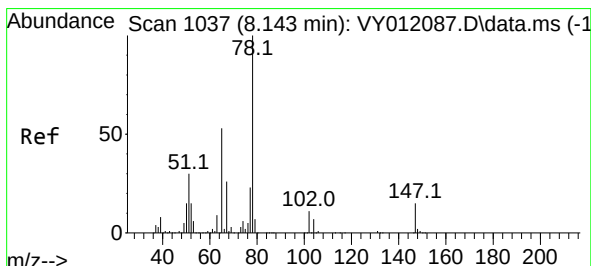
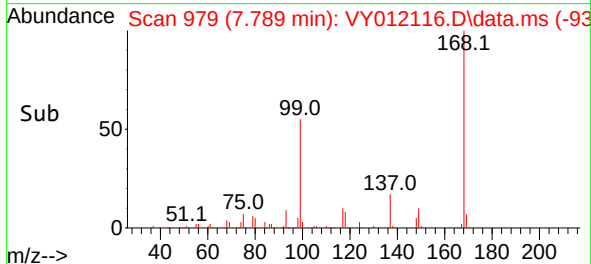
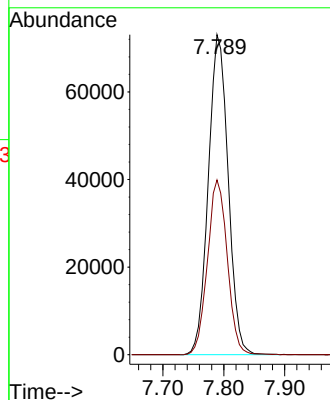
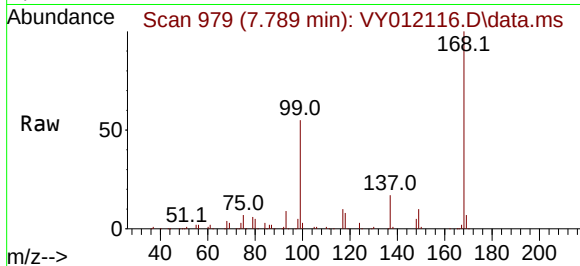




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012116.D
Acq: 09 Jan 2023 17:21

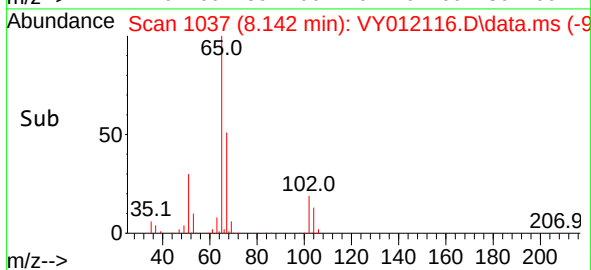
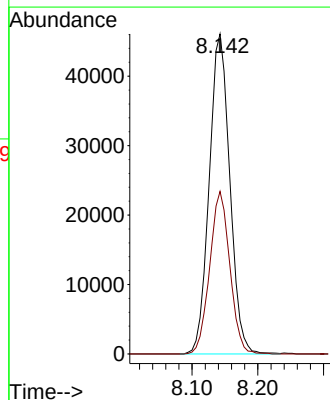
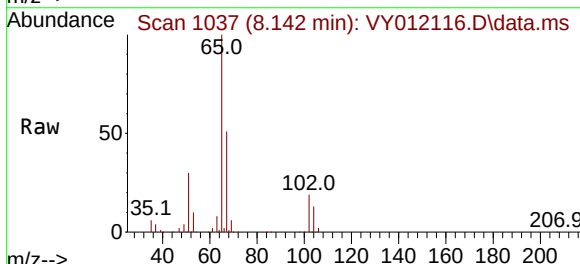
Instrument :
MSVOA_Y
ClientSampleId :
S-14-03

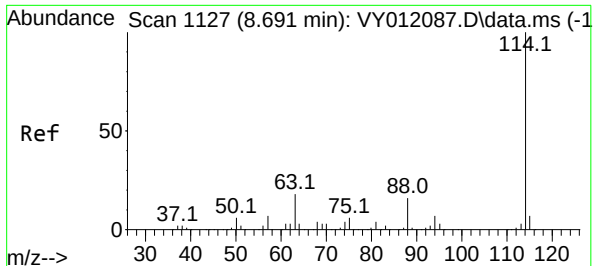
Tgt Ion:168 Resp: 165331
Ion Ratio Lower Upper
168 100
99 54.6 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 54.087 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012116.D
Acq: 09 Jan 2023 17:21

Tgt Ion: 65 Resp: 100481
Ion Ratio Lower Upper
65 100
67 49.6 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: VY012116.D

Acq: 09 Jan 2023 17:21

Instrument :

MSVOA_Y

ClientSampleId :

S-14-03

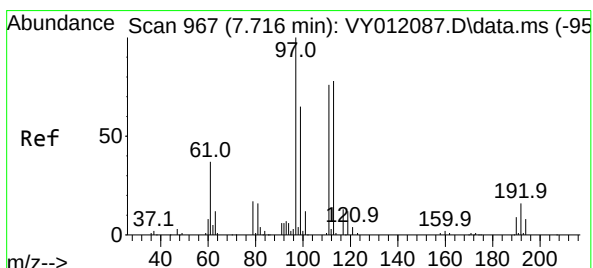
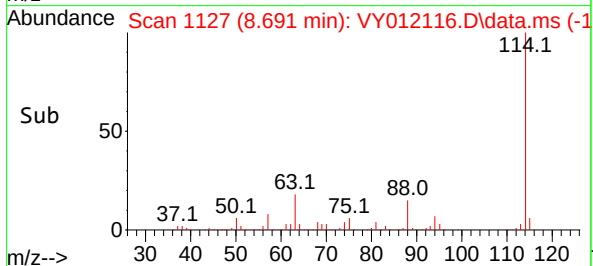
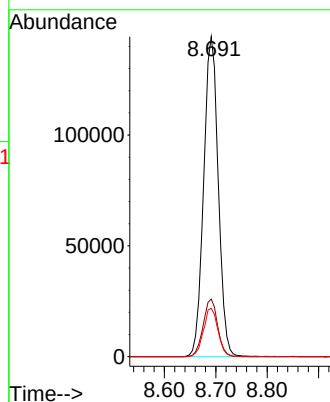
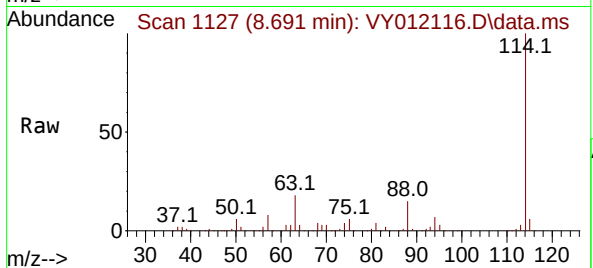
Tgt Ion:114 Resp: 284177

Ion Ratio Lower Upper

114 100

63 18.0 0.0 39.6

88 15.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 45.343 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012116.D

Acq: 09 Jan 2023 17:21

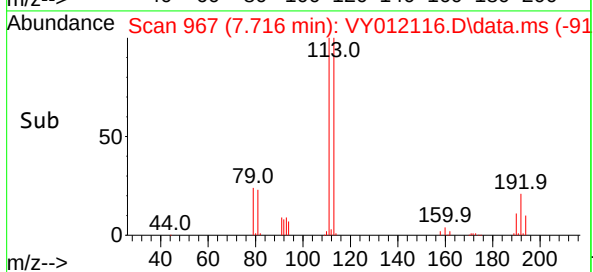
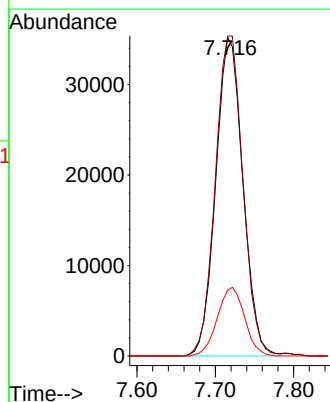
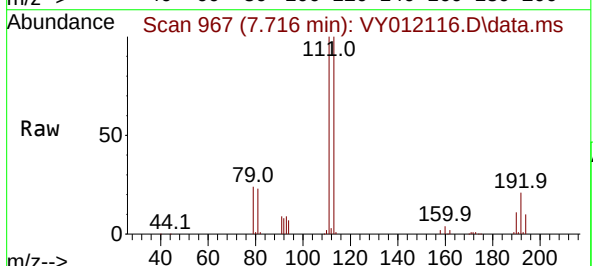
Tgt Ion:113 Resp: 84694

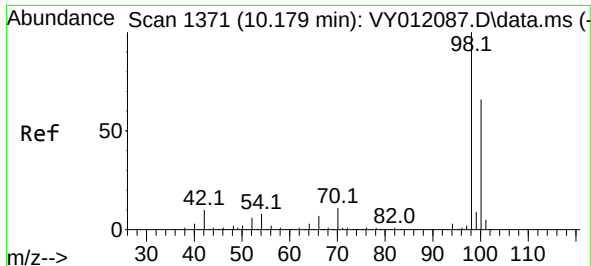
Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.4

192 21.6 16.0 24.0





#50

Toluene-d8

Concen: 44.702 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012116.D

Acq: 09 Jan 2023 17:21

Instrument :

MSVOA_Y

ClientSampleId :

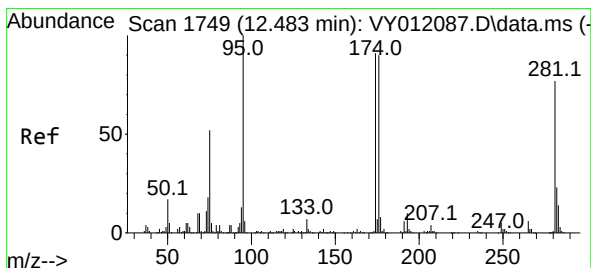
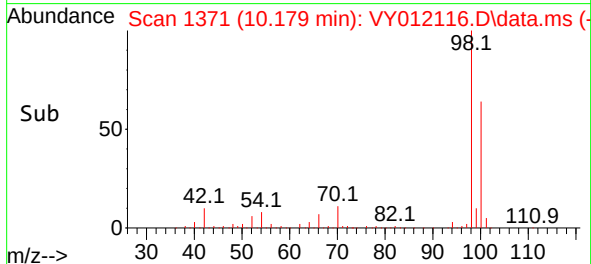
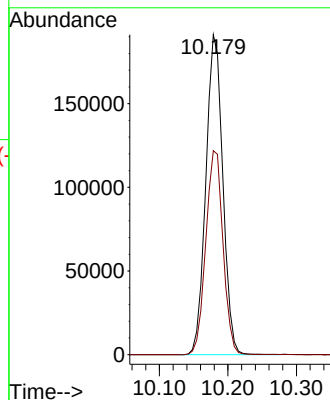
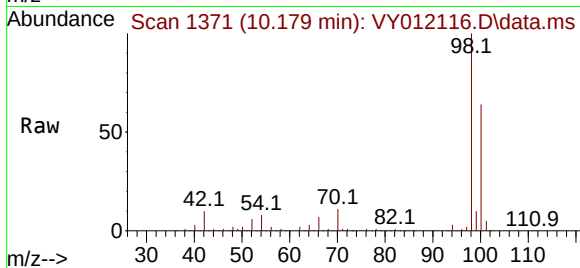
S-14-03

Tgt Ion: 98 Resp: 329560

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 37.403 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012116.D

Acq: 09 Jan 2023 17:21

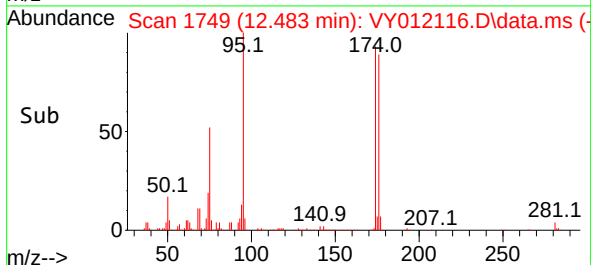
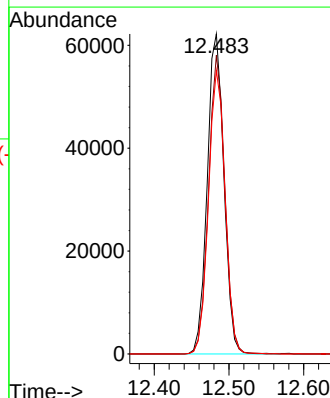
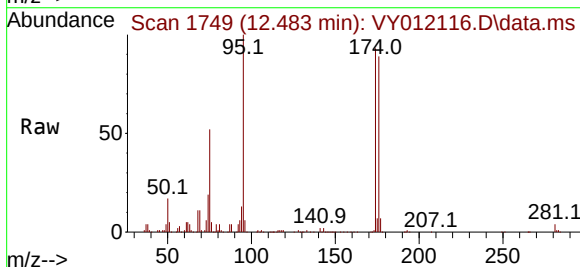
Tgt Ion: 95 Resp: 96388

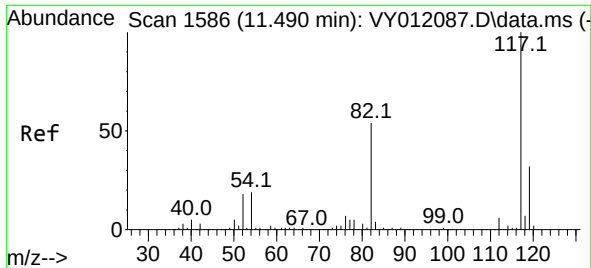
Ion Ratio Lower Upper

95 100

174 91.7 0.0 172.0

176 88.4 0.0 167.6

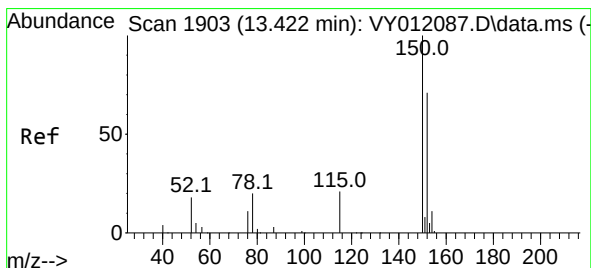
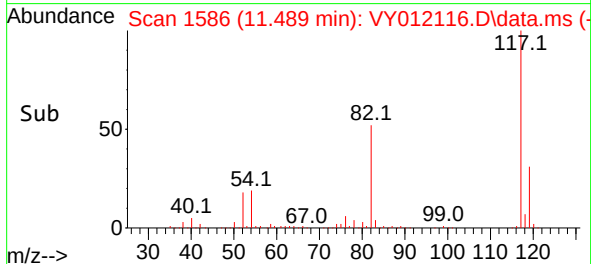
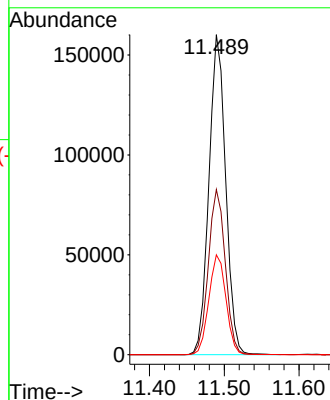
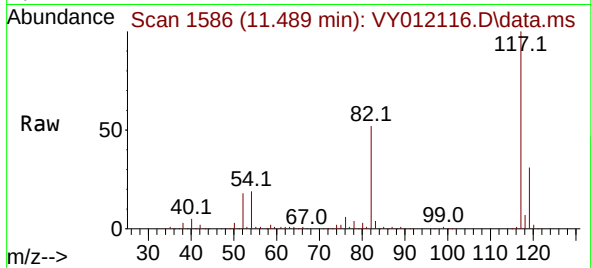




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012116.D
Acq: 09 Jan 2023 17:21

Instrument :
MSVOA_Y
ClientSampleId :
S-14-03

Tgt Ion:117 Resp: 249494
Ion Ratio Lower Upper
117 100
82 51.6 44.8 67.2
119 31.2 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: VY012116.D
Acq: 09 Jan 2023 17:21

Tgt Ion:152 Resp: 97319
Ion Ratio Lower Upper
152 100
115 56.8 29.1 87.3
150 157.5 0.0 342.6

