

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032423\
 Data File : VY013075.D
 Acq On : 24 Mar 2023 13:46
 Operator : KP/MD
 Sample : 02022-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-05-32123

Quant Time: Mar 25 03:33:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	75199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	139517	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	128664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	57939	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	52045	69.707	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.420%
35) Dibromofluoromethane	7.722	113	45609	54.169	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.340%
50) Toluene-d8	10.179	98	169256	54.987	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.980%
62) 4-Bromofluorobenzene	12.483	95	50757	48.855	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.700%

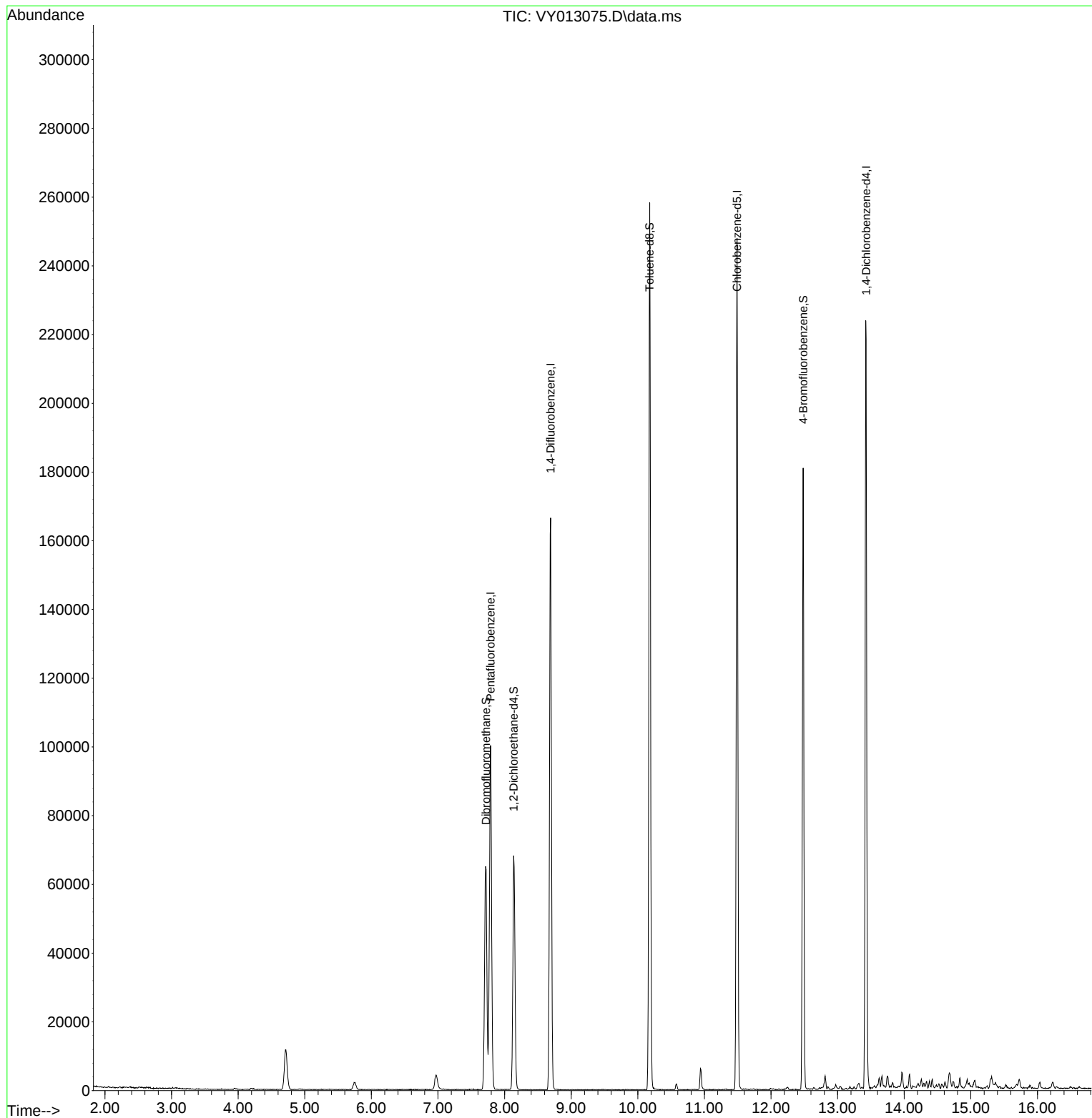
Target Compounds	Qvalue

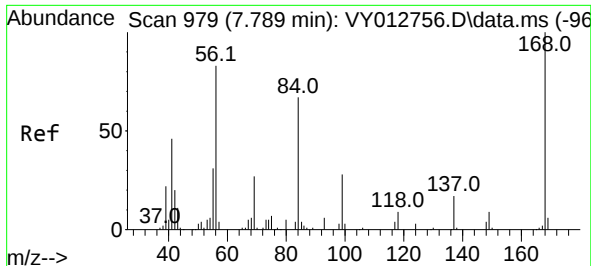
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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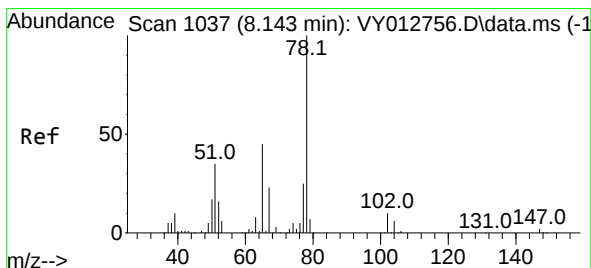
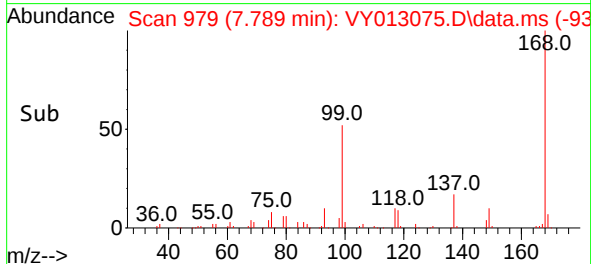
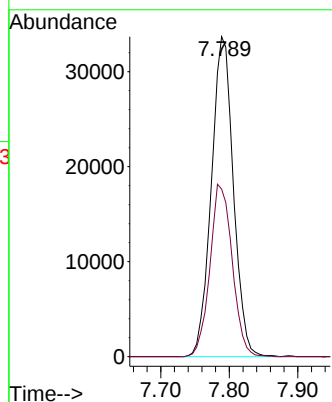
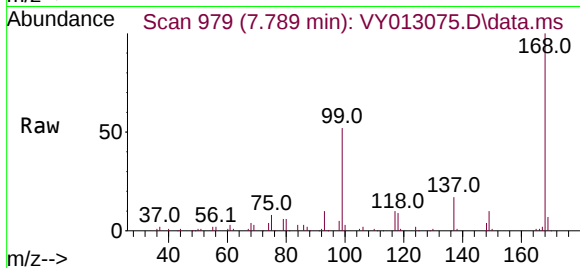




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013075.D
Acq: 24 Mar 2023 13:46

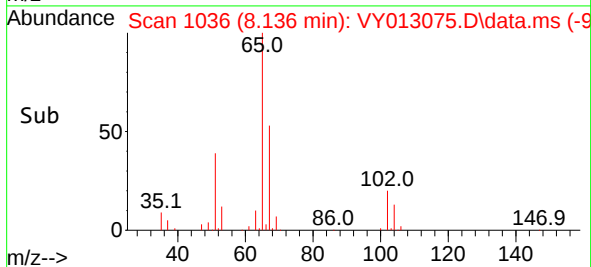
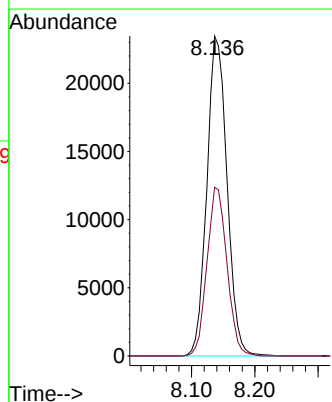
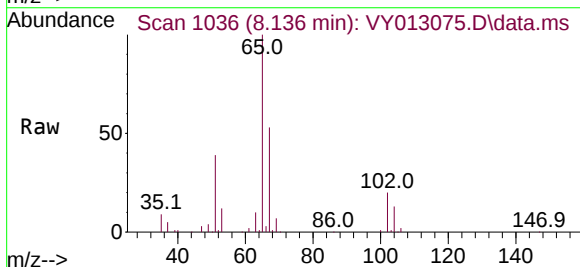
Instrument :
MSVOA_Y
ClientSampleId :
AU-05-32123

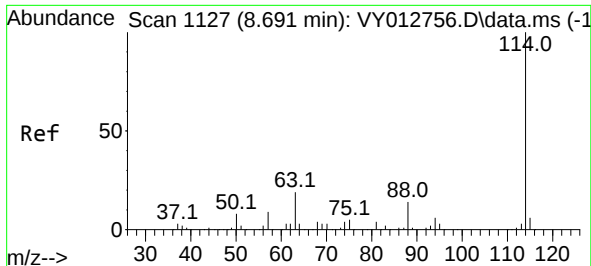
Tgt Ion:168 Resp: 75199
Ion Ratio Lower Upper
168 100
99 52.4 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 69.707 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY013075.D
Acq: 24 Mar 2023 13:46

Tgt Ion: 65 Resp: 52045
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY013075.D

Acq: 24 Mar 2023 13:46

Instrument :

MSVOA_Y

ClientSampleId :

AU-05-32123

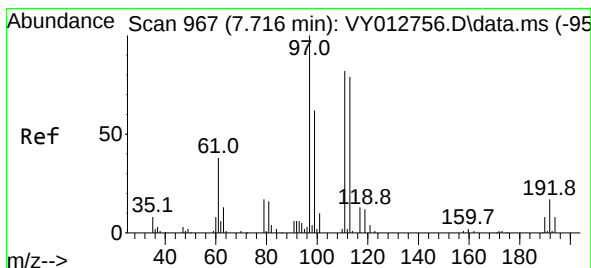
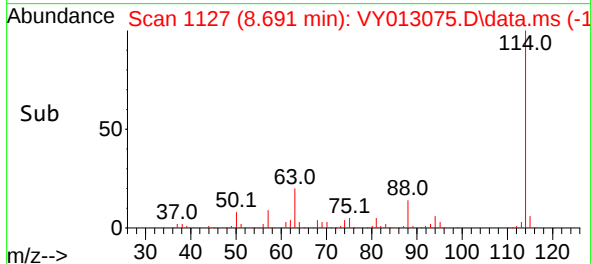
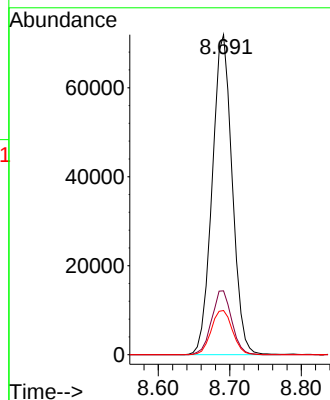
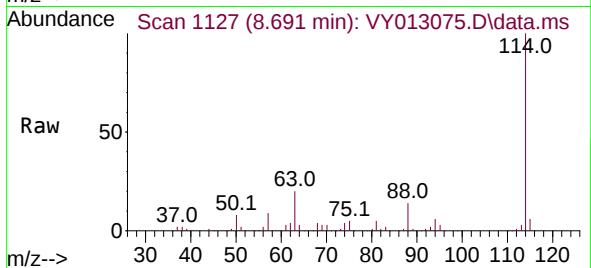
Tgt Ion:114 Resp: 139517

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 13.8 0.0 28.6



#35

Dibromofluoromethane

Concen: 54.169 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY013075.D

Acq: 24 Mar 2023 13:46

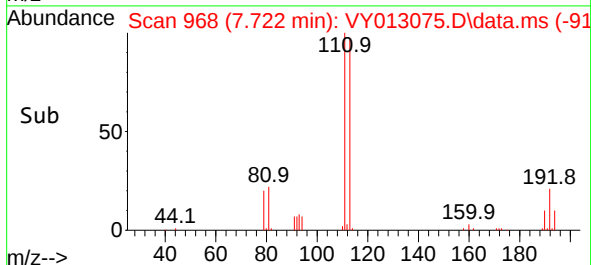
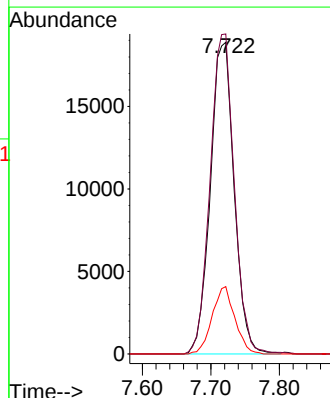
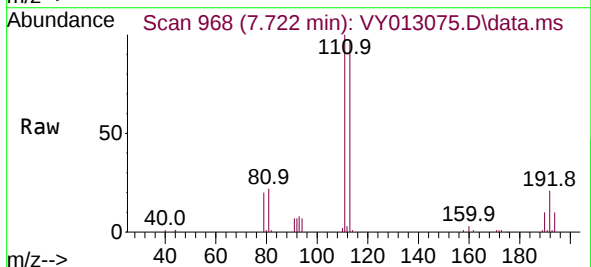
Tgt Ion:113 Resp: 45609

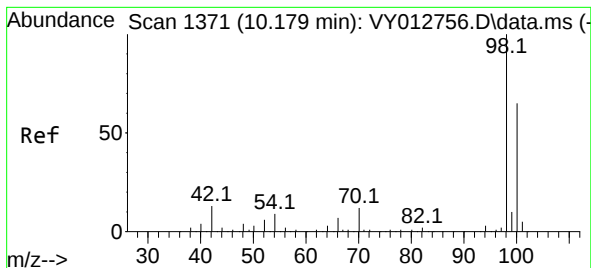
Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.2

192 20.6 16.8 25.2





#50

Toluene-d8

Concen: 54.987 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013075.D

Acq: 24 Mar 2023 13:46

Instrument :

MSVOA_Y

ClientSampleId :

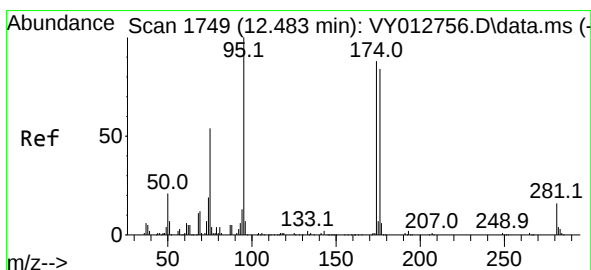
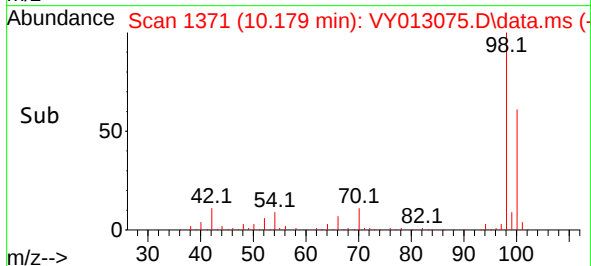
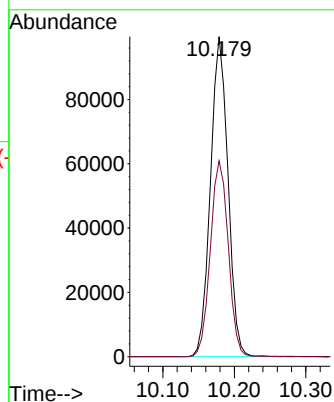
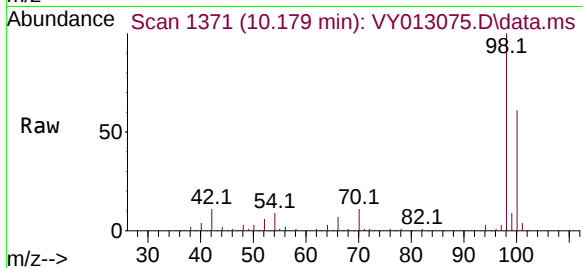
AU-05-32123

Tgt Ion: 98 Resp: 169256

Ion Ratio Lower Upper

98 100

100 62.7 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 48.855 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY013075.D

Acq: 24 Mar 2023 13:46

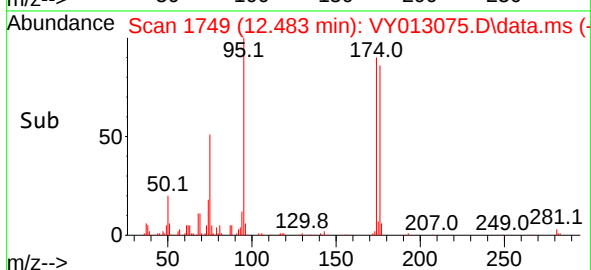
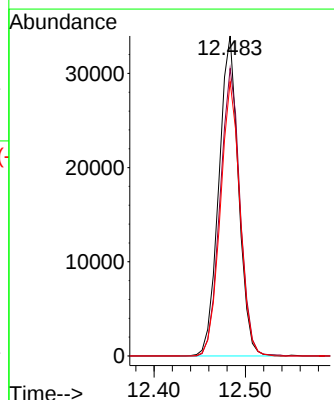
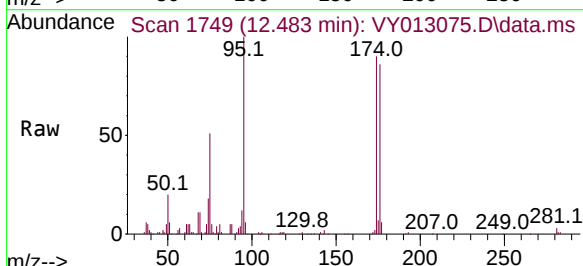
Tgt Ion: 95 Resp: 50757

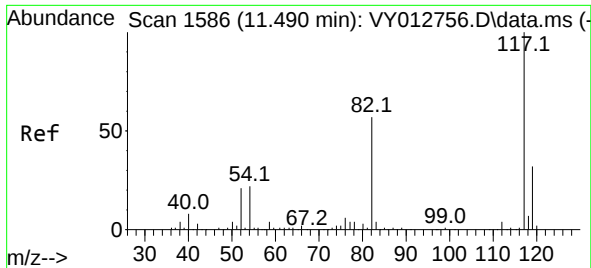
Ion Ratio Lower Upper

95 100

174 91.0 0.0 176.6

176 85.6 0.0 170.2

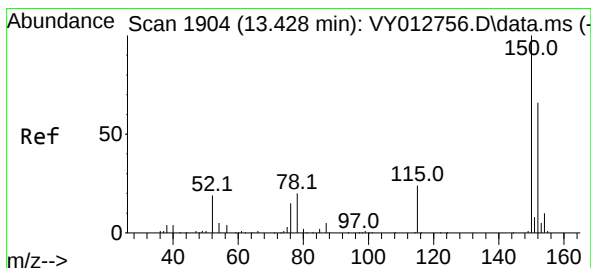
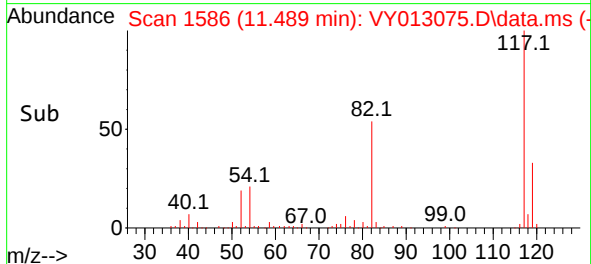
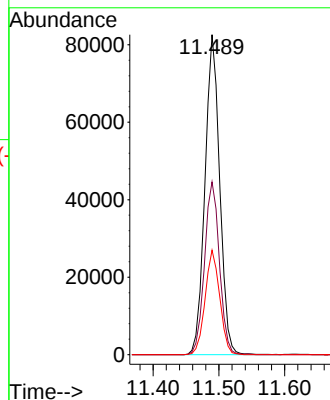
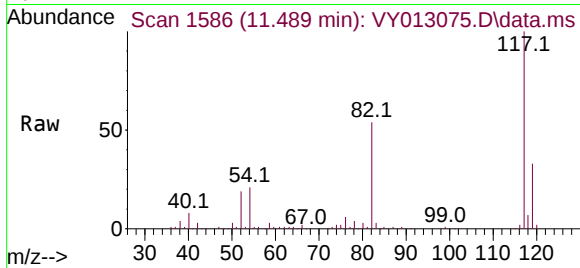




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013075.D
Acq: 24 Mar 2023 13:46

Instrument :
MSVOA_Y
ClientSampleId :
AU-05-32123

Tgt Ion:117 Resp: 128664
Ion Ratio Lower Upper
117 100
82 54.0 45.4 68.0
119 32.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY013075.D
Acq: 24 Mar 2023 13:46

Tgt Ion:152 Resp: 57939
Ion Ratio Lower Upper
152 100
115 56.4 27.1 81.3
150 160.5 0.0 347.8

