

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032023\
 Data File : VY013010.D
 Acq On : 20 Mar 2023 16:04
 Operator : KP/MD
 Sample : 02001-07
 Misc : 5.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 IRV-3

Quant Time: Mar 21 01:14:11 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	83696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	141851	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	129950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58163	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	53189	64.007	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.020%
35) Dibromofluoromethane	7.715	113	47669	55.684	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.360%
50) Toluene-d8	10.178	98	168531	53.850	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.700%
62) 4-Bromofluorobenzene	12.483	95	51238	48.506	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.020%

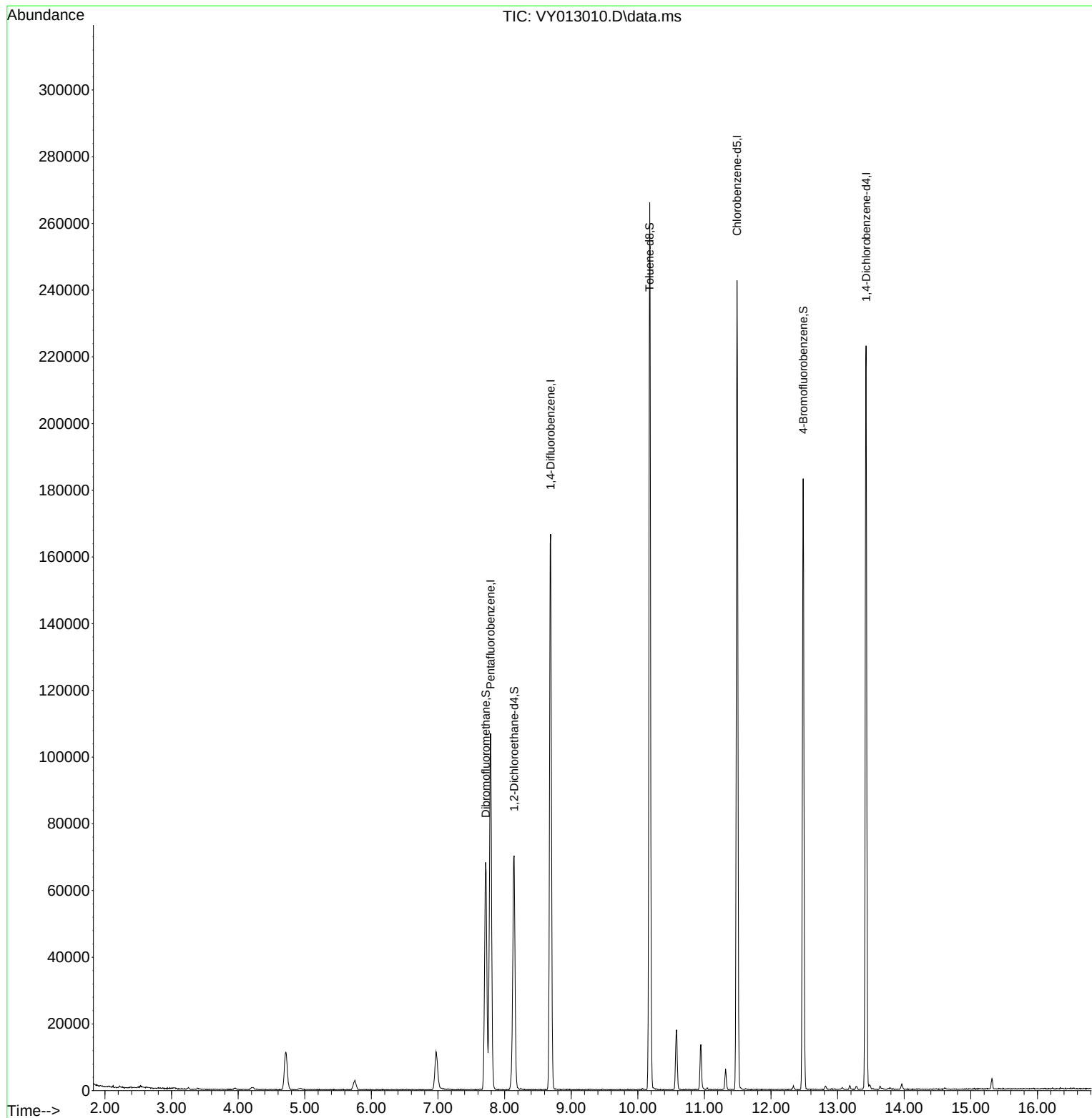
Target Compounds	Qvalue

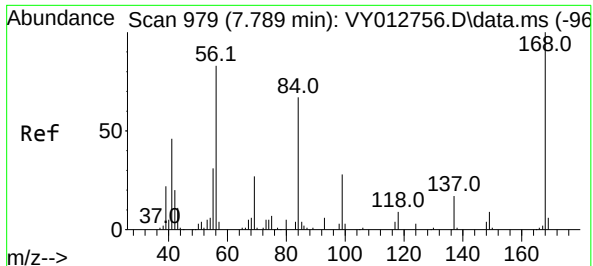
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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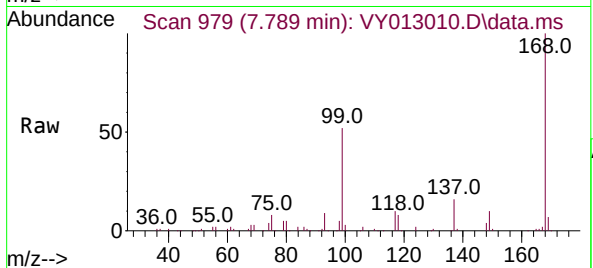
Quant Time: Mar 21 01:14:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
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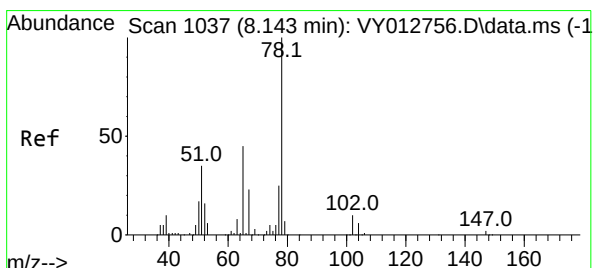
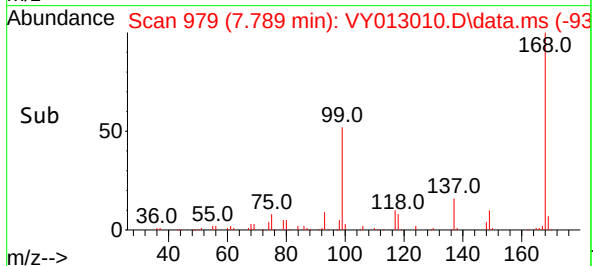
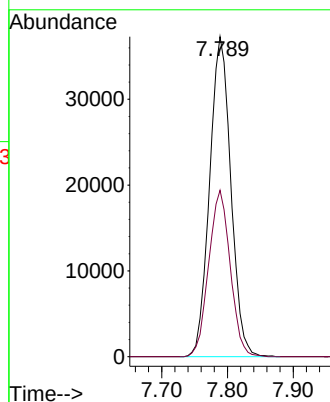


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013010.D
Acq: 20 Mar 2023 16:04

Instrument :
MSVOA_Y
ClientSampleId :
IRV-3

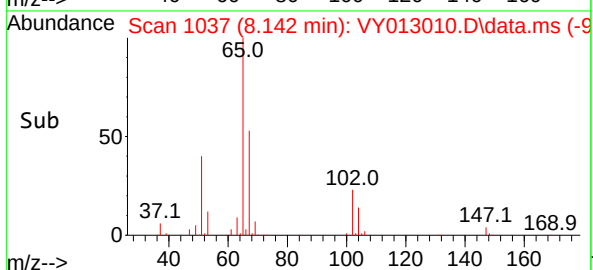
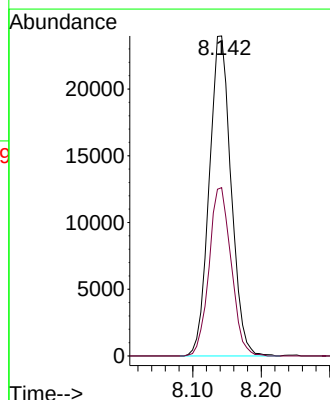
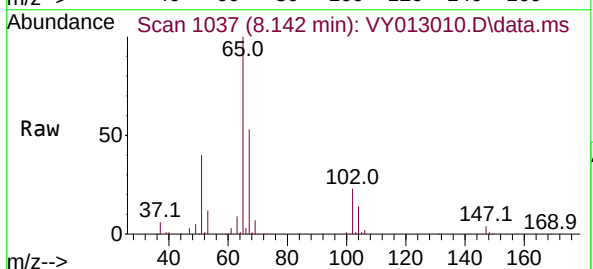


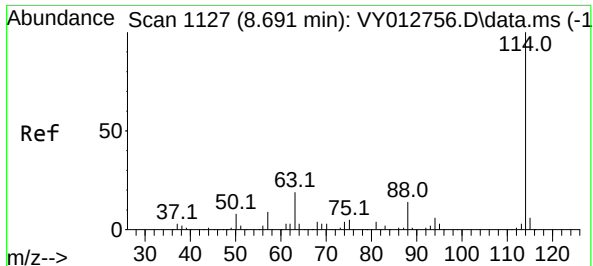
Tgt Ion:168 Resp: 83696
Ion Ratio Lower Upper
168 100
99 52.0 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 64.007 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY013010.D
Acq: 20 Mar 2023 16:04

Tgt Ion: 65 Resp: 53189
Ion Ratio Lower Upper
65 100
67 53.2 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: VY013010.D

Acq: 20 Mar 2023 16:04

Instrument :

MSVOA_Y

ClientSampleId :

IRV-3

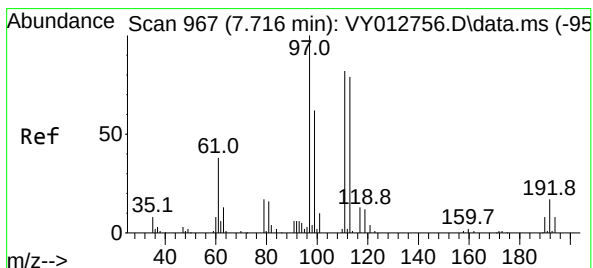
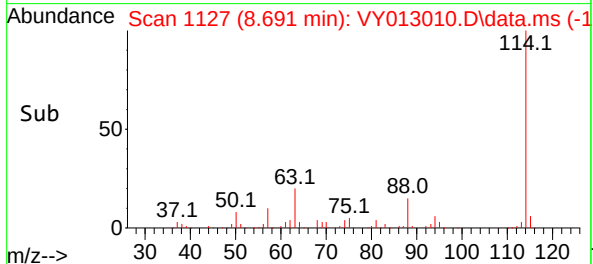
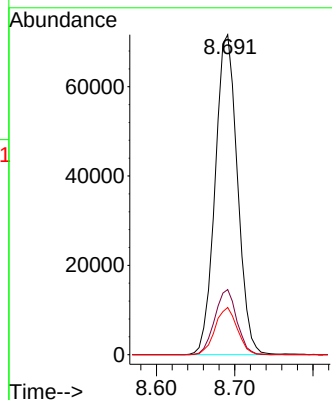
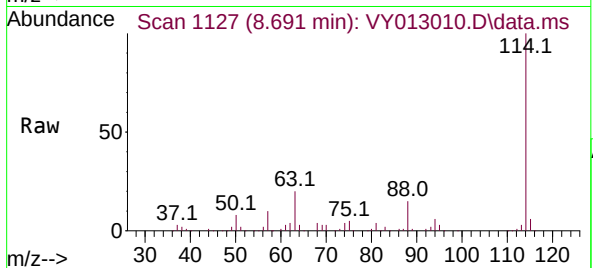
Tgt Ion:114 Resp: 141851

Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

88 14.8 0.0 28.6



#35

Dibromofluoromethane

Concen: 55.684 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013010.D

Acq: 20 Mar 2023 16:04

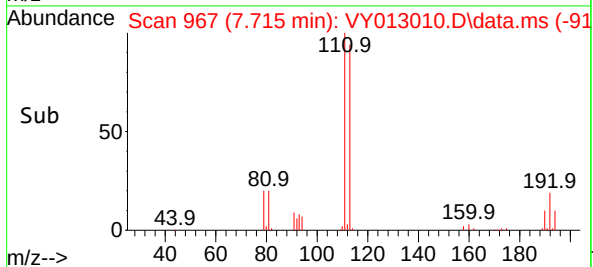
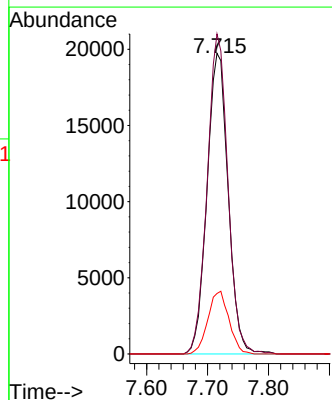
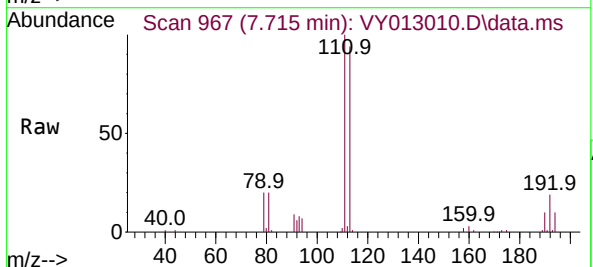
Tgt Ion:113 Resp: 47669

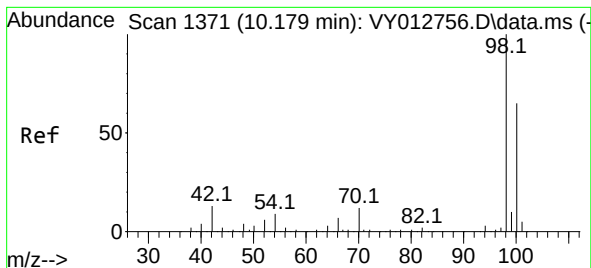
Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.2

192 20.7 16.8 25.2





#50

Toluene-d8

Concen: 53.850 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013010.D

Acq: 20 Mar 2023 16:04

Instrument :

MSVOA_Y

ClientSampleId :

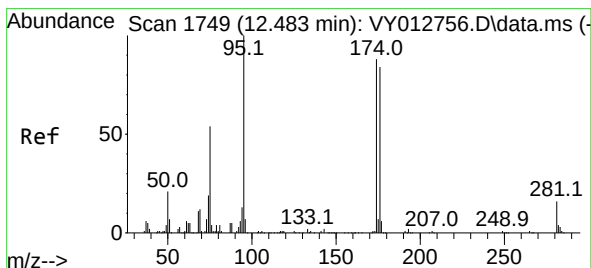
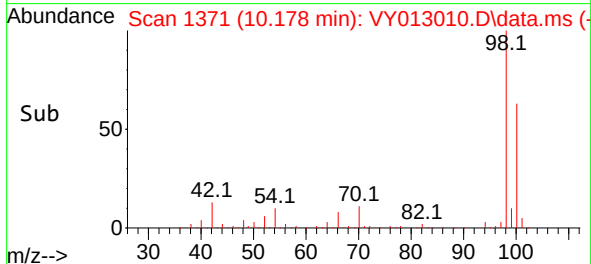
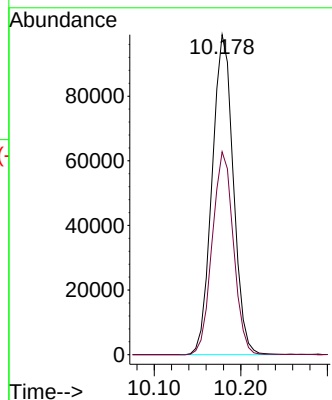
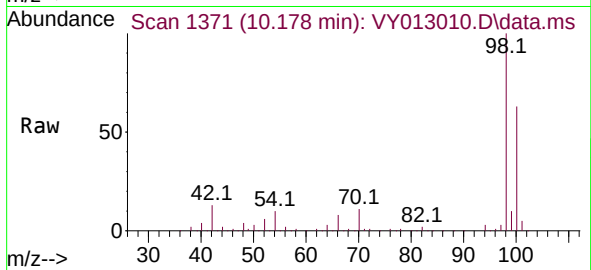
IRV-3

Tgt Ion: 98 Resp: 168531

Ion Ratio Lower Upper

98 100

100 63.4 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 48.506 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY013010.D

Acq: 20 Mar 2023 16:04

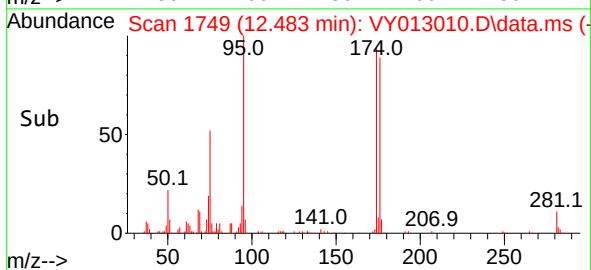
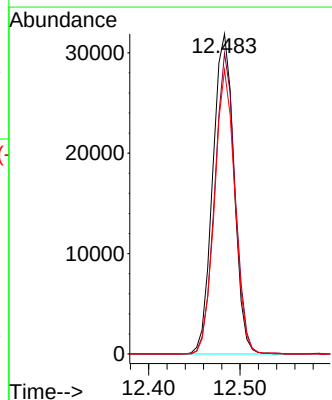
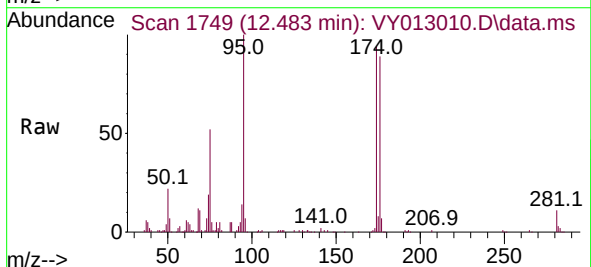
Tgt Ion: 95 Resp: 51238

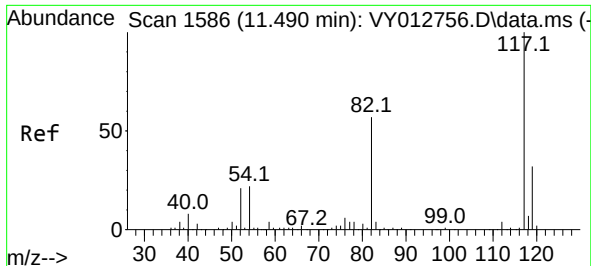
Ion Ratio Lower Upper

95 100

174 90.7 0.0 176.6

176 85.8 0.0 170.2

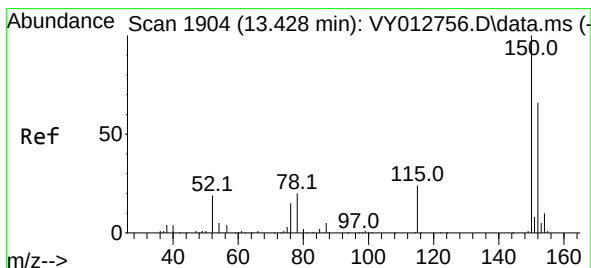
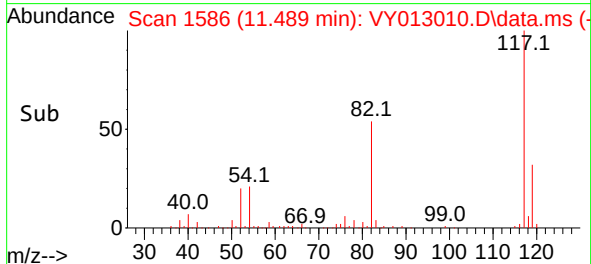
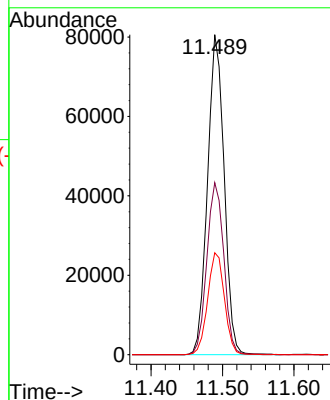
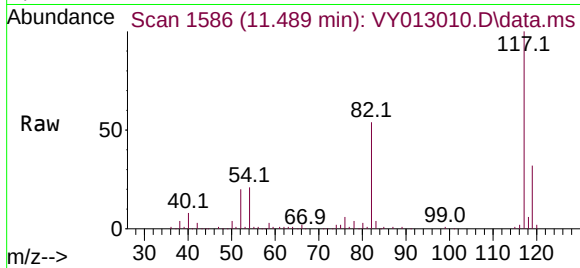




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013010.D
Acq: 20 Mar 2023 16:04

Instrument :
MSVOA_Y
ClientSampleId :
IRV-3

Tgt Ion:117 Resp: 129950
Ion Ratio Lower Upper
117 100
82 53.7 45.4 68.0
119 31.8 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: VY013010.D
Acq: 20 Mar 2023 16:04

Tgt Ion:152 Resp: 58163
Ion Ratio Lower Upper
152 100
115 55.4 27.1 81.3
150 156.0 0.0 347.8

