

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032123\
 Data File : VY013023.D
 Acq On : 21 Mar 2023 13:38
 Operator : KP/MD
 Sample : 02016-01
 Misc : 5.51g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 032023-1

Quant Time: Mar 22 04:19:25 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	83741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	140645	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	131810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58437	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	53800	64.707	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.420%
35) Dibromofluoromethane	7.716	113	48656	57.324	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.640%
50) Toluene-d8	10.179	98	165807	53.434	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.860%
62) 4-Bromofluorobenzene	12.483	95	52116	49.760	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.520%

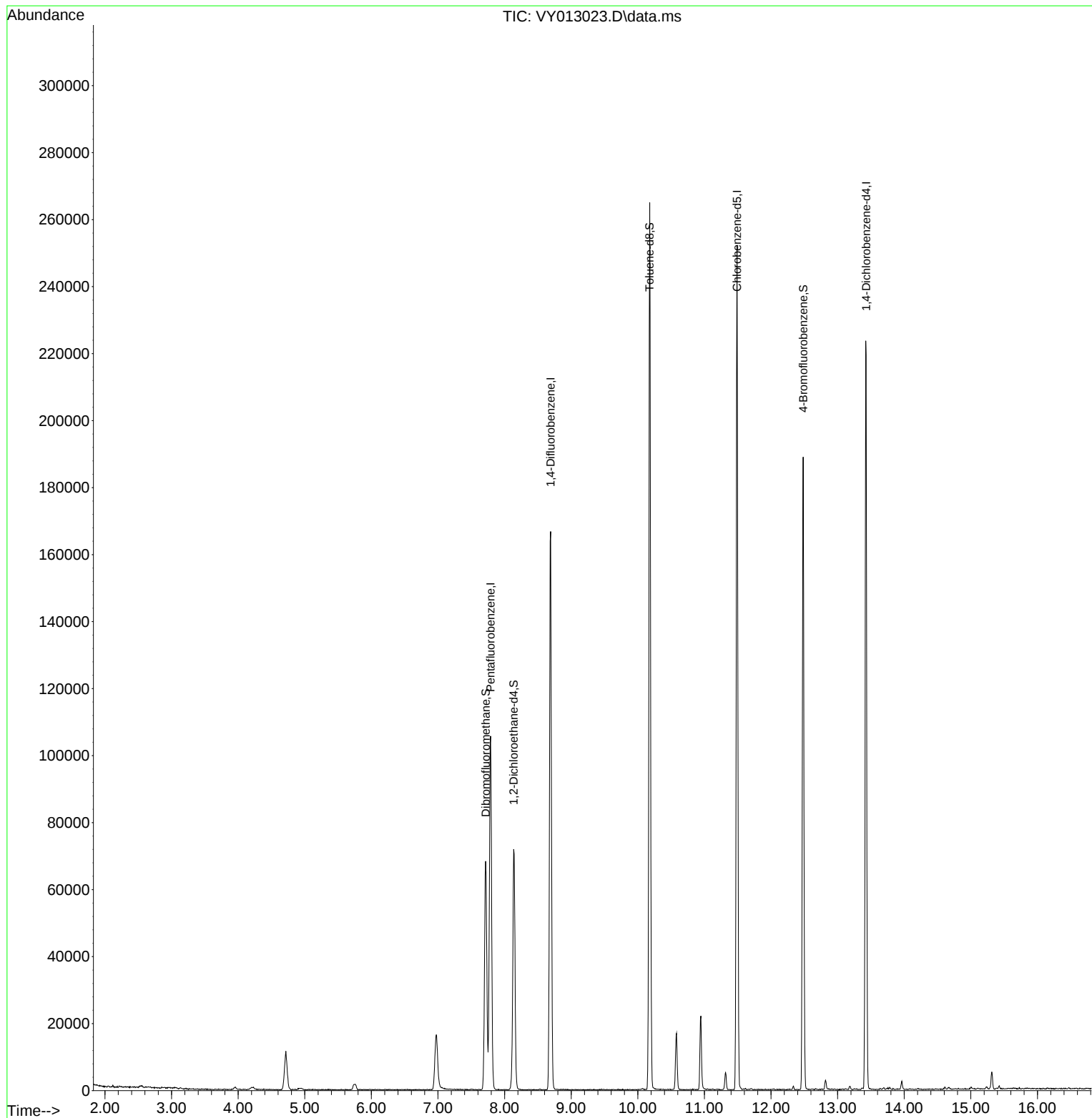
Target Compounds	Qvalue

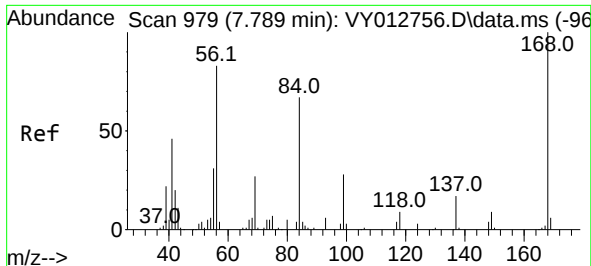
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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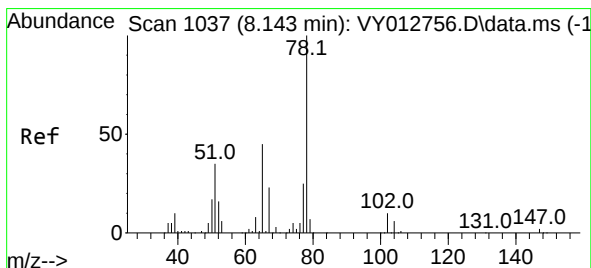
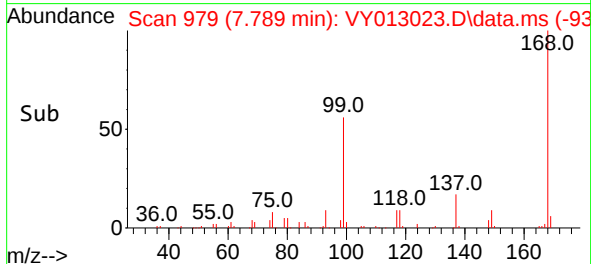
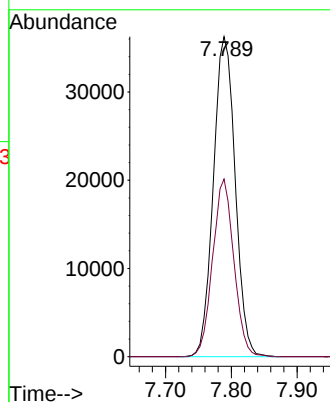
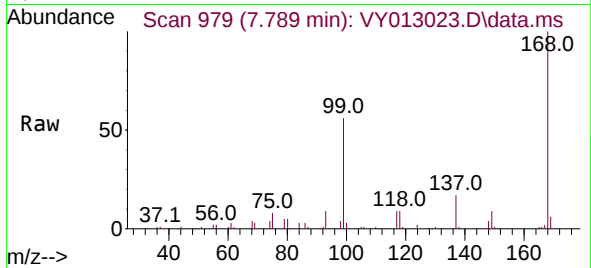




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013023.D
Acq: 21 Mar 2023 13:38

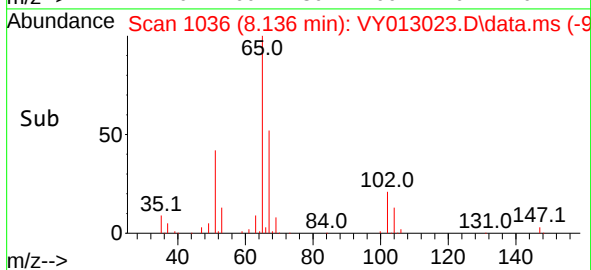
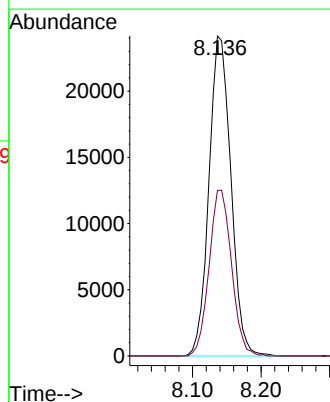
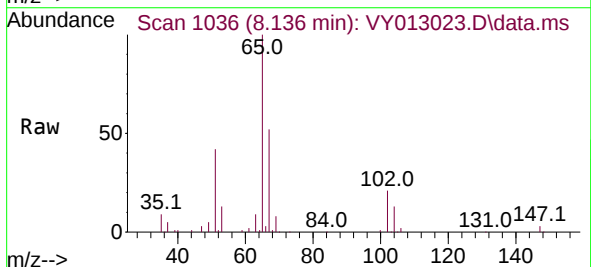
Instrument :
MSVOA_Y
ClientSampleId :
032023-1

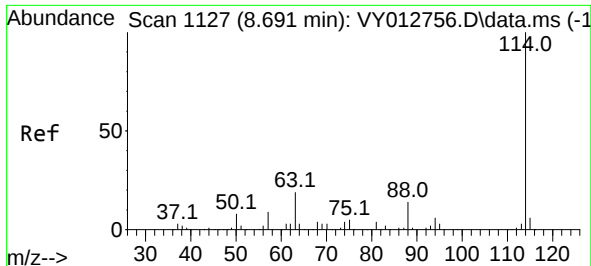
Tgt Ion:168 Resp: 83741
Ion Ratio Lower Upper
168 100
99 55.5 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 64.707 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY013023.D
Acq: 21 Mar 2023 13:38

Tgt Ion: 65 Resp: 53800
Ion Ratio Lower Upper
65 100
67 52.9 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: VY013023.D

Acq: 21 Mar 2023 13:38

Instrument :

MSVOA_Y

ClientSampleId :

032023-1

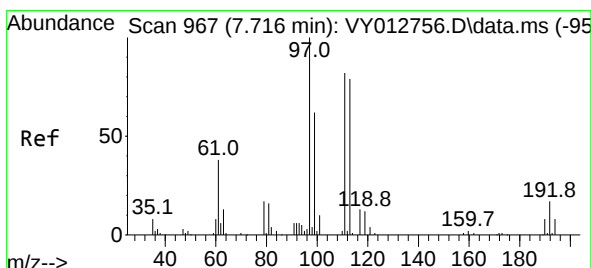
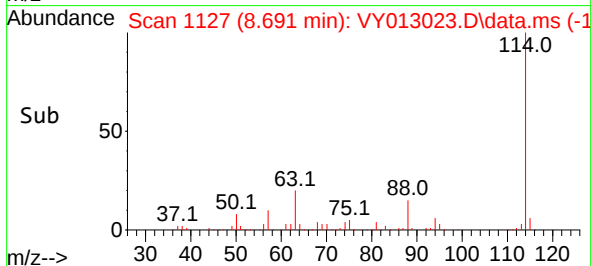
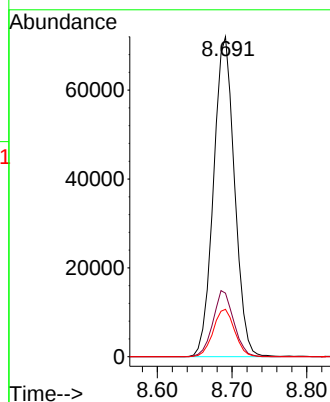
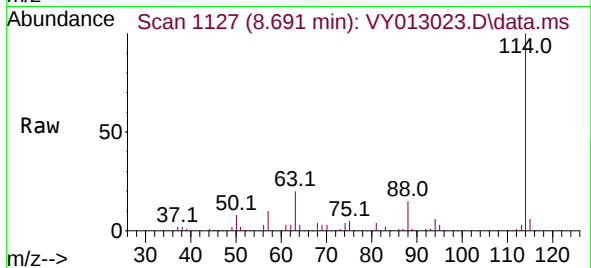
Tgt Ion:114 Resp: 140645

Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

88 14.8 0.0 28.6



#35

Dibromofluoromethane

Concen: 57.324 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013023.D

Acq: 21 Mar 2023 13:38

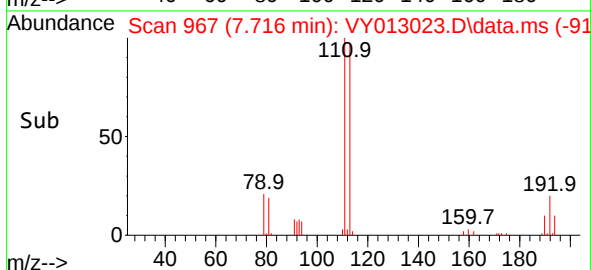
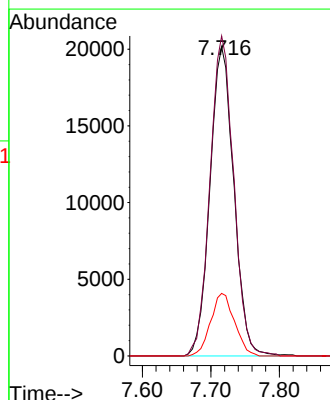
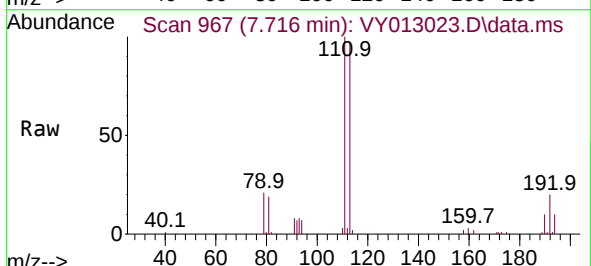
Tgt Ion:113 Resp: 48656

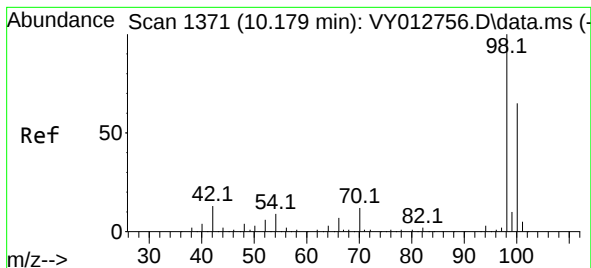
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.2

192 20.3 16.8 25.2





#50

Toluene-d8

Concen: 53.434 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013023.D

Acq: 21 Mar 2023 13:38

Instrument :

MSVOA_Y

ClientSampleId :

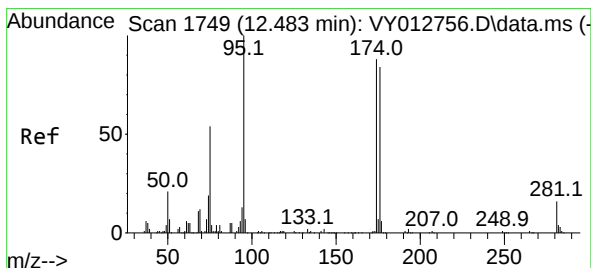
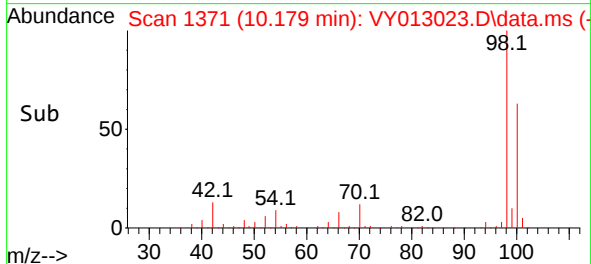
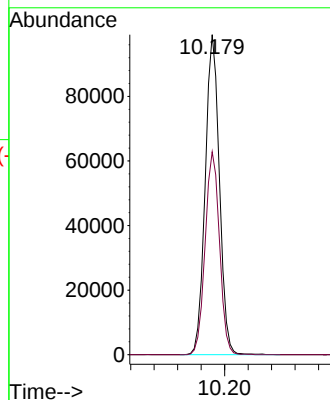
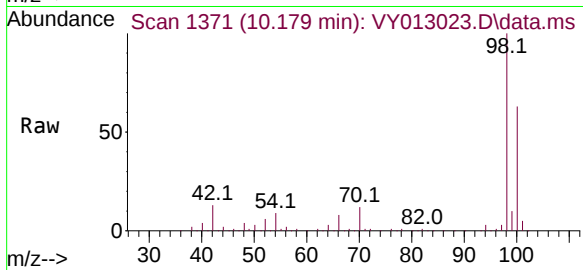
032023-1

Tgt Ion: 98 Resp: 165807

Ion Ratio Lower Upper

98 100

100 64.0 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 49.760 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY013023.D

Acq: 21 Mar 2023 13:38

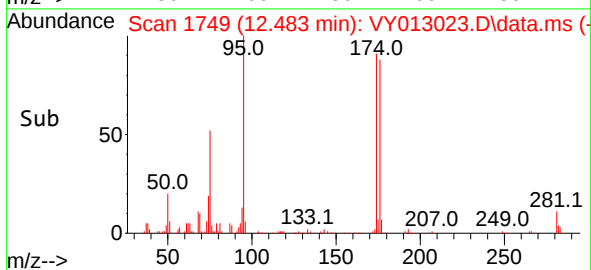
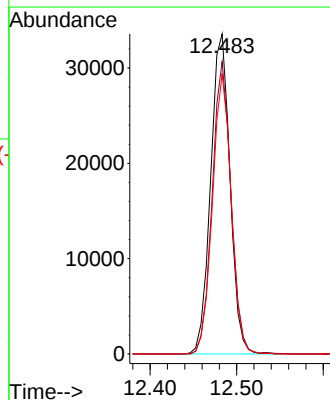
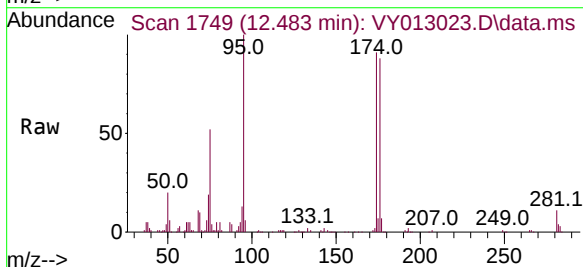
Tgt Ion: 95 Resp: 52116

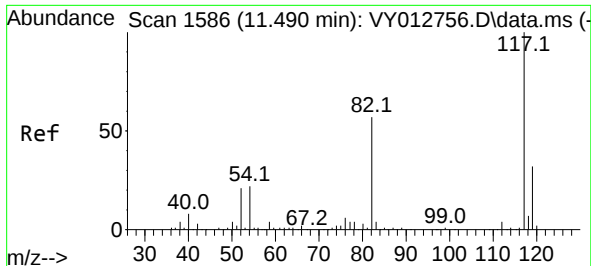
Ion Ratio Lower Upper

95 100

174 88.4 0.0 176.6

176 85.2 0.0 170.2

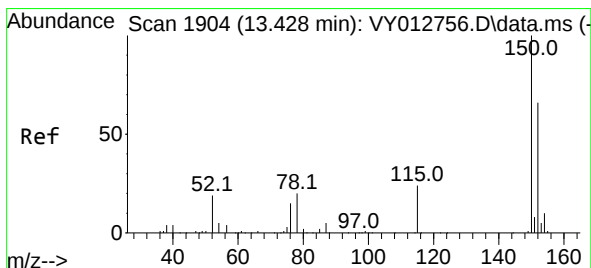
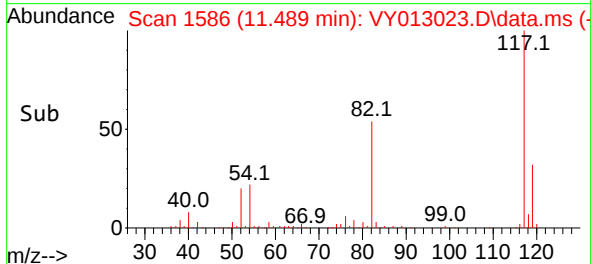
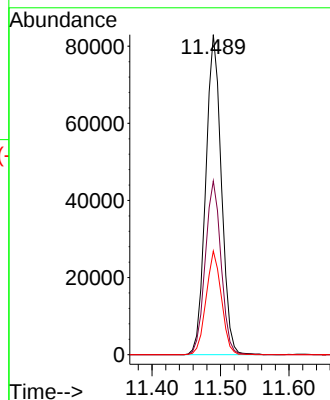
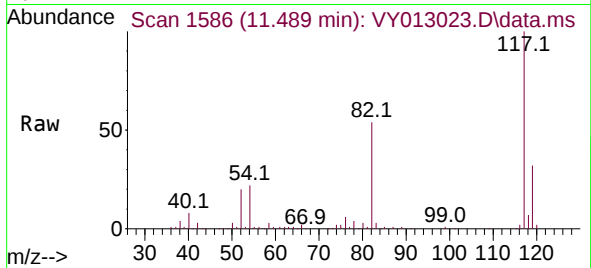




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY013023.D
Acq: 21 Mar 2023 13:38

Instrument :
MSVOA_Y
ClientSampleId :
032023-1

Tgt Ion:117 Resp: 131810
Ion Ratio Lower Upper
117 100
82 54.3 45.4 68.0
119 32.4 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: VY013023.D
Acq: 21 Mar 2023 13:38

Tgt Ion:152 Resp: 58437
Ion Ratio Lower Upper
152 100
115 54.8 27.1 81.3
150 155.6 0.0 347.8

