

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032923\
 Data File : VY013135.D
 Acq On : 29 Mar 2023 17:22
 Operator : KP/MD
 Sample : 02126-03
 Misc : 5.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RS-C

Quant Time: Mar 29 23:33:45 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	80927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	140021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	130249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	57388	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	53545	66.640	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.280%
35) Dibromofluoromethane	7.716	113	49543	58.629	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.260%
50) Toluene-d8	10.179	98	170491	55.189	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.380%
62) 4-Bromofluorobenzene	12.483	95	51404	49.299	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.600%

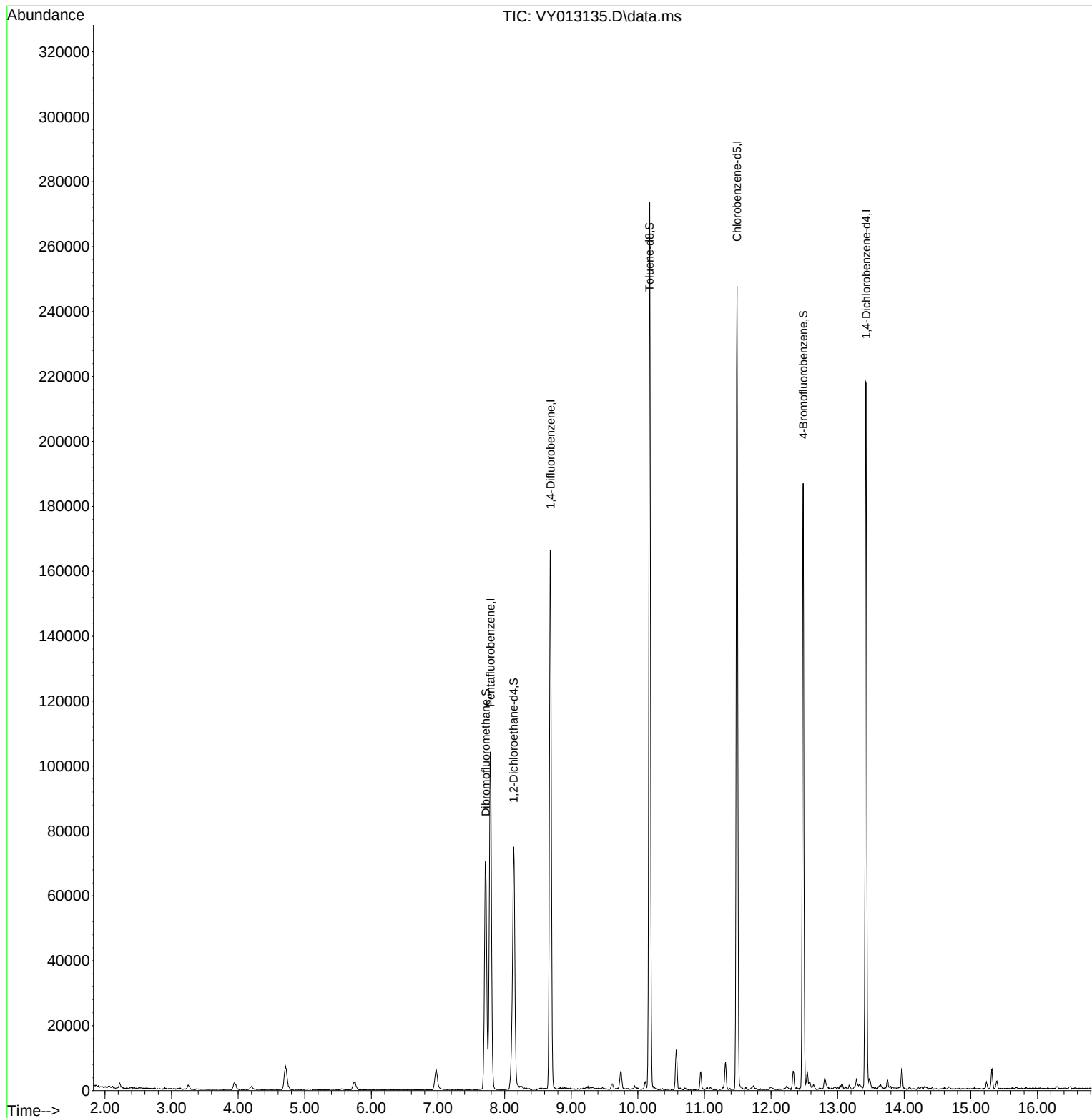
Target Compounds	Qvalue

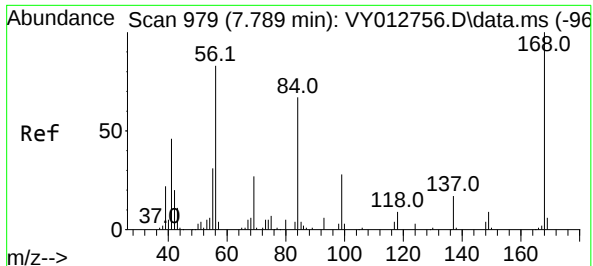
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032923\
Data File : VY013135.D
Acq On : 29 Mar 2023 17:22
Operator : KP/MD
Sample : 02126-03
Misc : 5.13g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RS-C

Quant Time: Mar 29 23:33:45 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

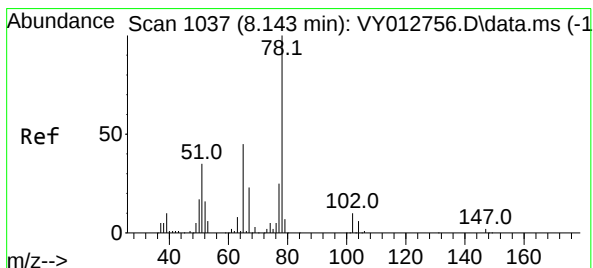
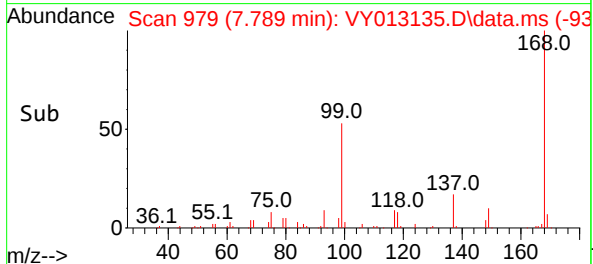
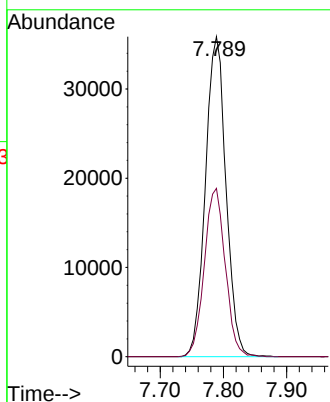
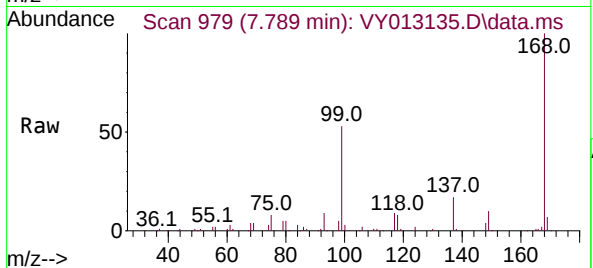




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013135.D
Acq: 29 Mar 2023 17:22

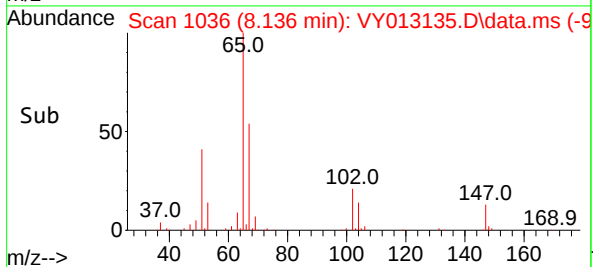
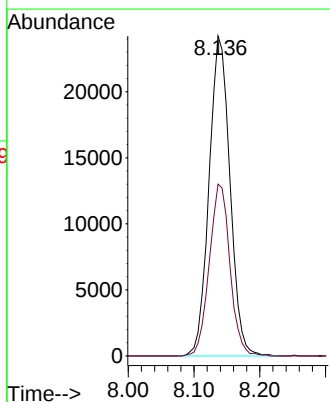
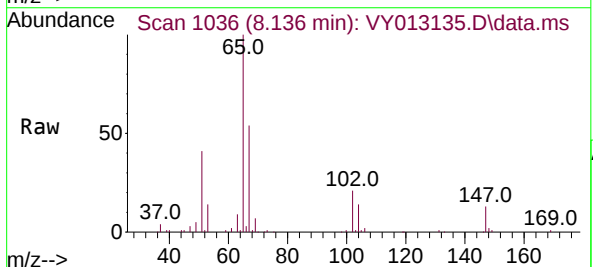
Instrument :
MSVOA_Y
ClientSampleId :
RS-C

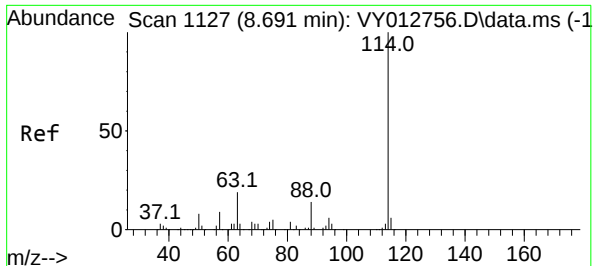
Tgt Ion:168 Resp: 80927
Ion Ratio Lower Upper
168 100
99 52.6 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 66.640 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY013135.D
Acq: 29 Mar 2023 17:22

Tgt Ion: 65 Resp: 53545
Ion Ratio Lower Upper
65 100
67 53.1 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: VY013135.D

Acq: 29 Mar 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

RS-C

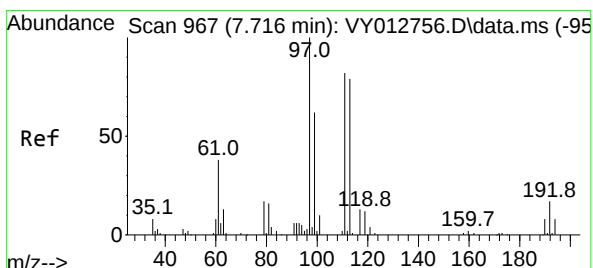
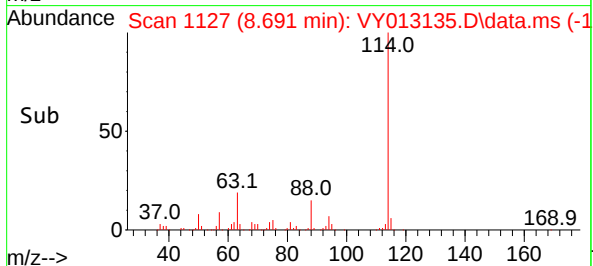
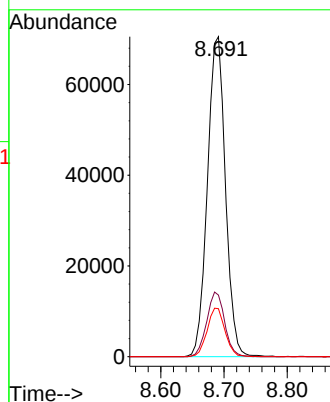
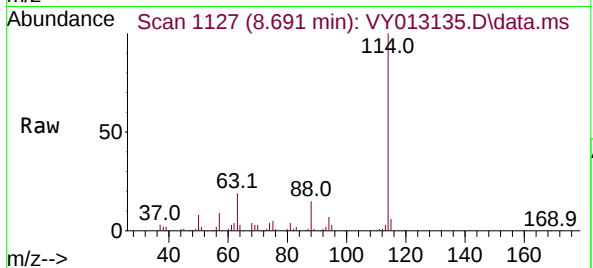
Tgt Ion:114 Resp: 140021

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

88 15.0 0.0 28.6



#35

Dibromofluoromethane

Concen: 58.629 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013135.D

Acq: 29 Mar 2023 17:22

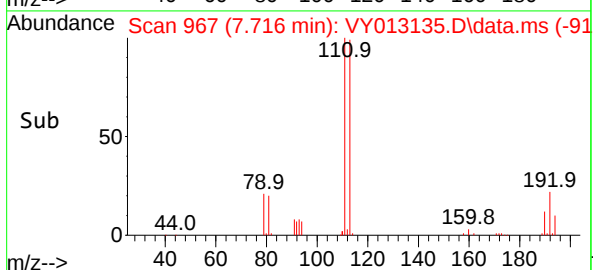
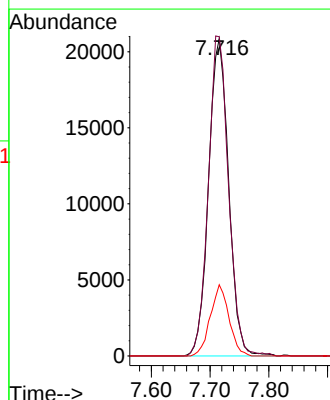
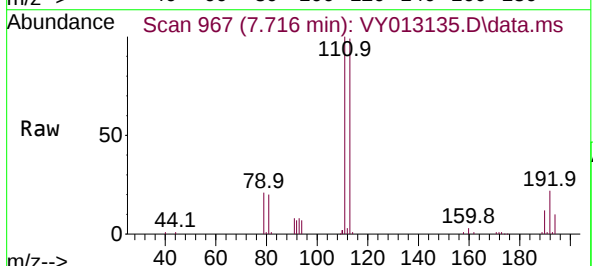
Tgt Ion:113 Resp: 49543

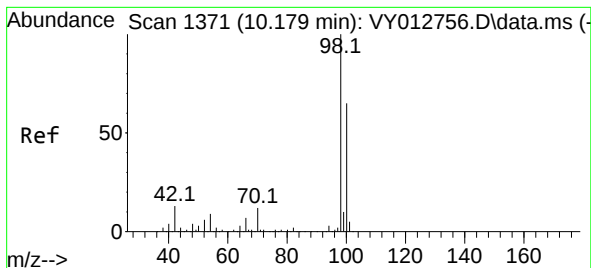
Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.2

192 20.9 16.8 25.2





#50

Toluene-d8

Concen: 55.189 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013135.D

Acq: 29 Mar 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

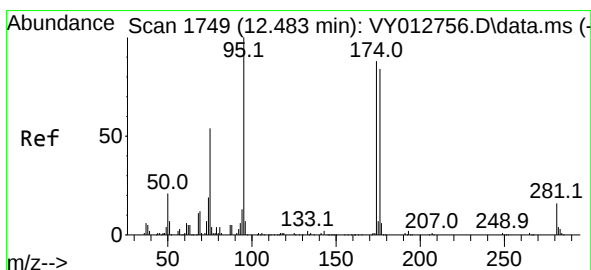
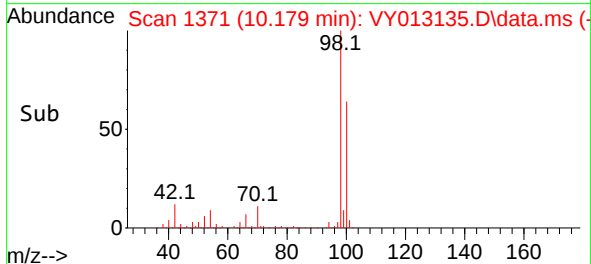
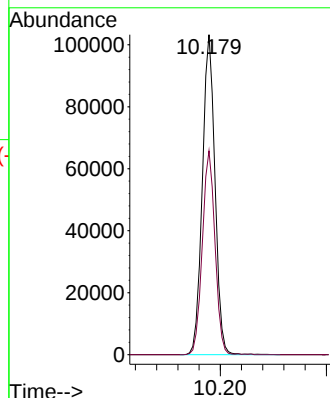
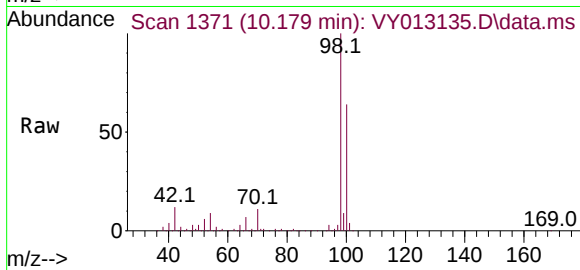
RS-C

Tgt Ion: 98 Resp: 170491

Ion Ratio Lower Upper

98 100

100 64.0 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 49.299 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY013135.D

Acq: 29 Mar 2023 17:22

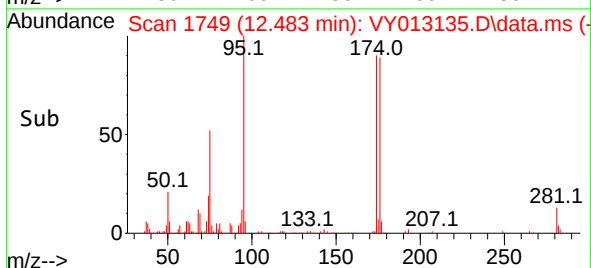
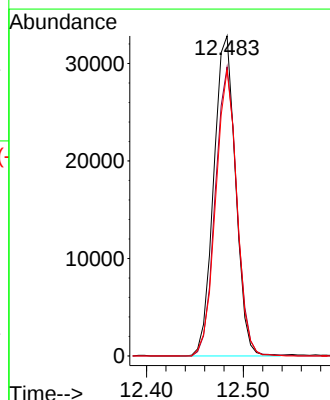
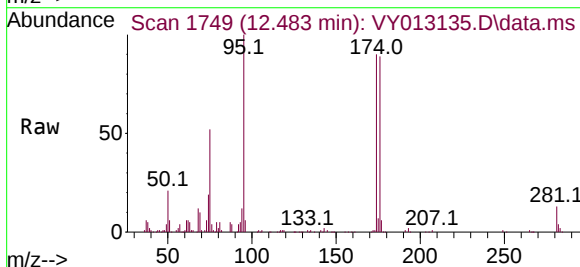
Tgt Ion: 95 Resp: 51404

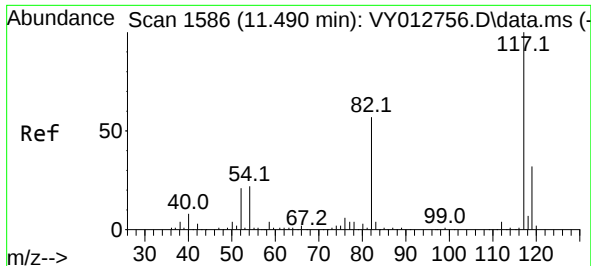
Ion Ratio Lower Upper

95 100

174 89.0 0.0 176.6

176 86.6 0.0 170.2

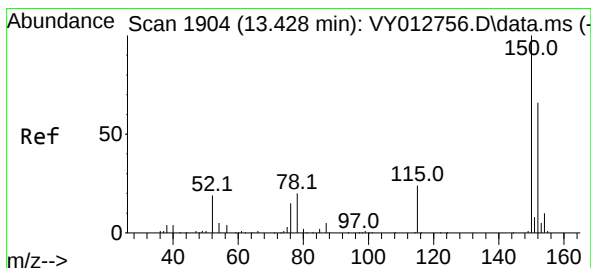
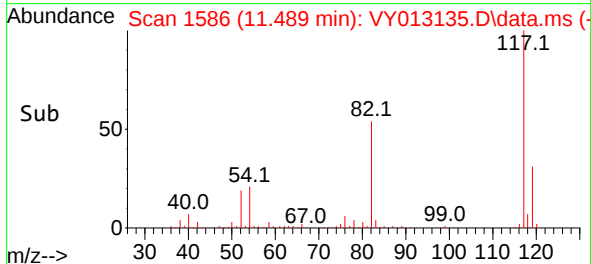
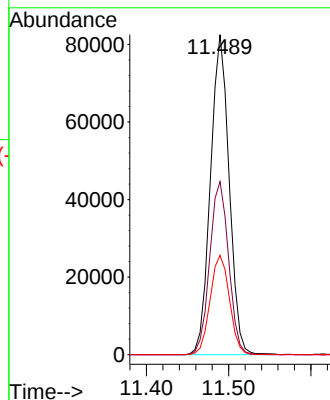
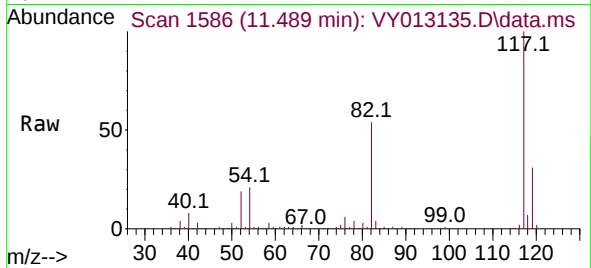




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013135.D
Acq: 29 Mar 2023 17:22

Instrument :
MSVOA_Y
ClientSampleId :
RS-C

Tgt Ion:117 Resp: 130249
Ion Ratio Lower Upper
117 100
82 54.1 45.4 68.0
119 31.0 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: VY013135.D
Acq: 29 Mar 2023 17:22

Tgt Ion:152 Resp: 57388
Ion Ratio Lower Upper
152 100
115 55.9 27.1 81.3
150 156.2 0.0 347.8

