

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031323\
 Data File : VY012925.D
 Acq On : 13 Mar 2023 14:25
 Operator : KP/MD
 Sample : 01863-03
 Misc : 5.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 030923-1-VOC

Quant Time: Mar 14 01:26:18 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	84191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	142848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	127414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56775	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	51770	61.933	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.860%
35) Dibromofluoromethane	7.716	113	48330	56.062	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.120%
50) Toluene-d8	10.185	98	170358	54.054	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.100%
62) 4-Bromofluorobenzene	12.483	95	50130	47.126	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.260%

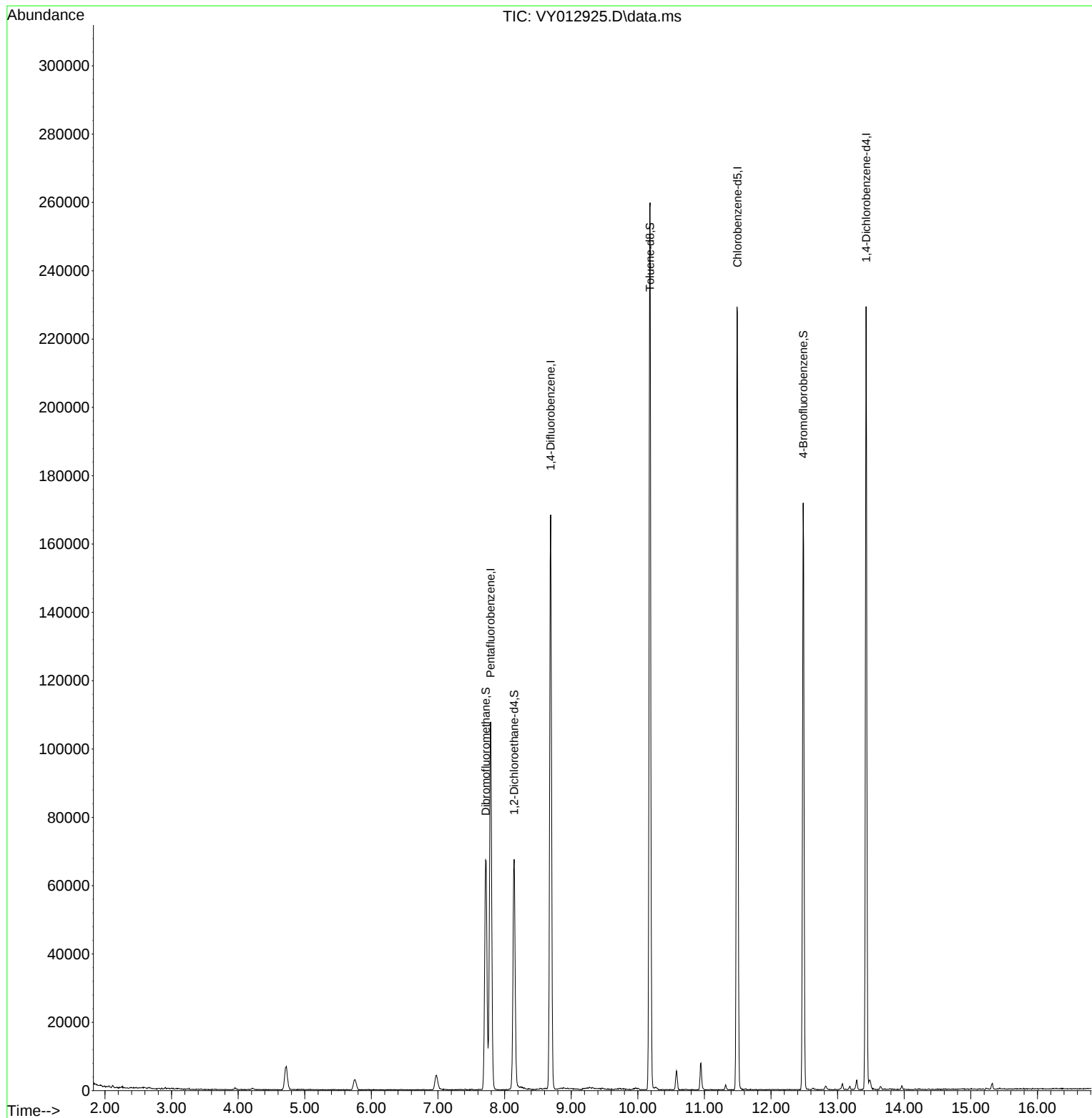
Target Compounds	Qvalue

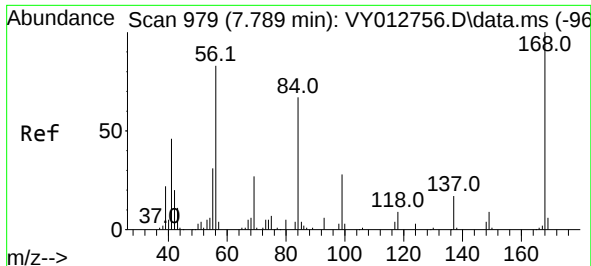
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031323\
Data File : VY012925.D
Acq On : 13 Mar 2023 14:25
Operator : KP/MD
Sample : 01863-03
Misc : 5.13g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
030923-1-VOC

Quant Time: Mar 14 01:26:18 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

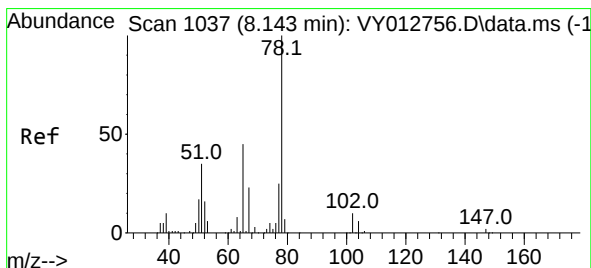
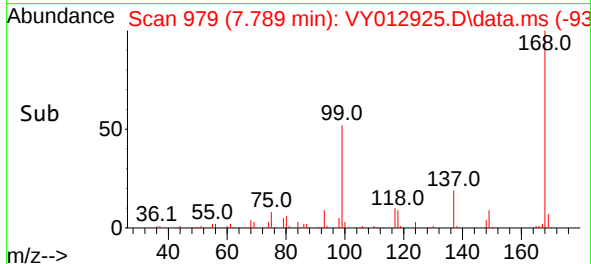
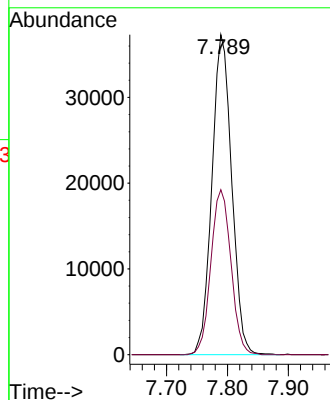
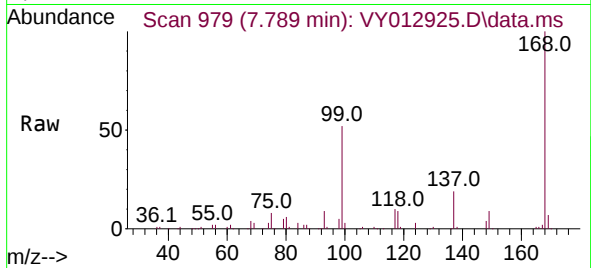




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012925.D
Acq: 13 Mar 2023 14:25

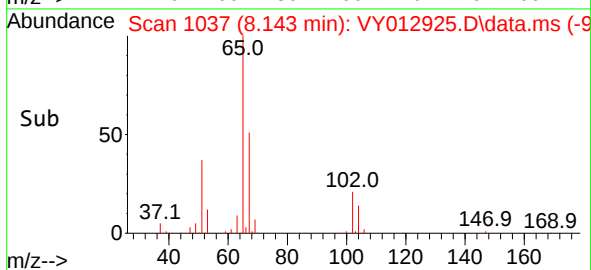
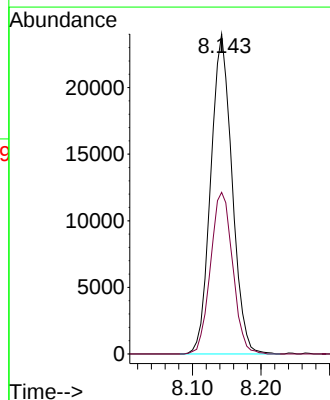
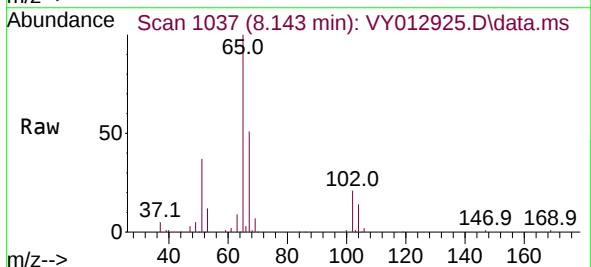
Instrument :
MSVOA_Y
ClientSampleId :
030923-1-VOC

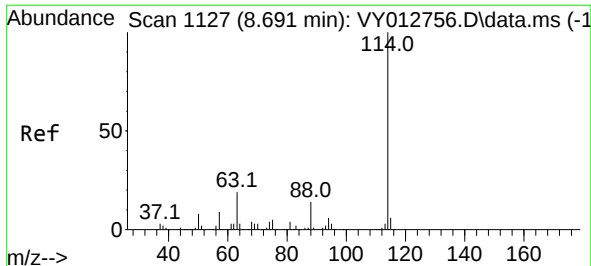
Tgt Ion:168 Resp: 84191
Ion Ratio Lower Upper
168 100
99 51.6 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 61.933 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012925.D
Acq: 13 Mar 2023 14:25

Tgt Ion: 65 Resp: 51770
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.0

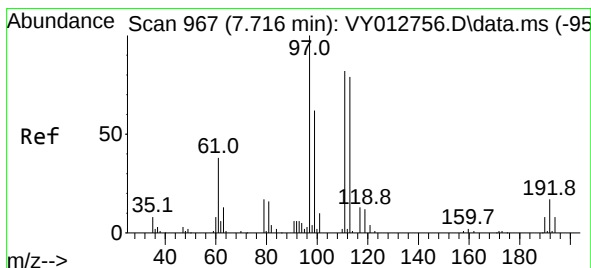
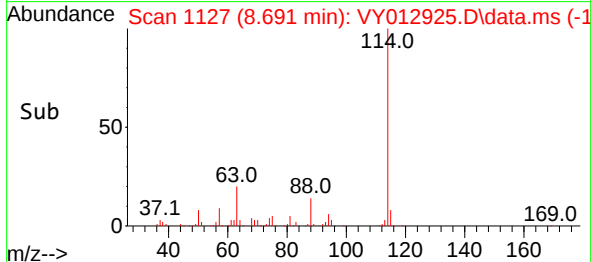
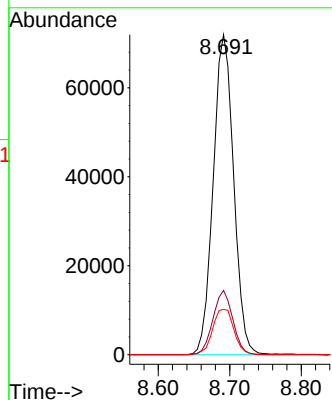
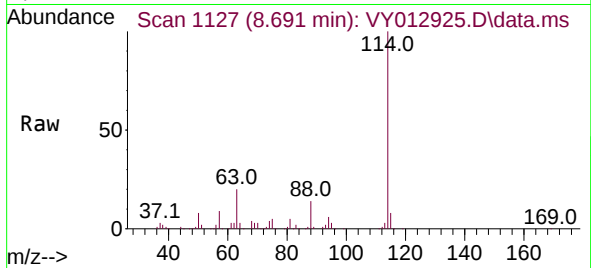




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012925.D
Acq: 13 Mar 2023 14:25

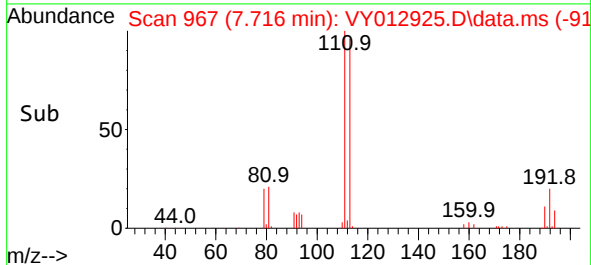
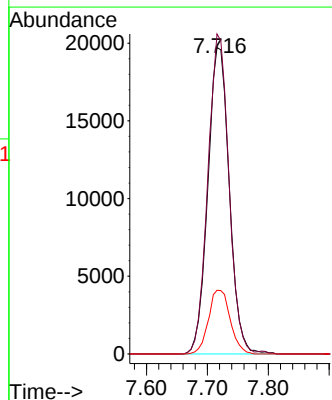
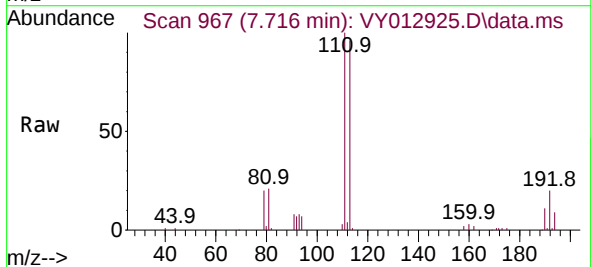
Instrument :
MSVOA_Y
ClientSampleId :
030923-1-VOC

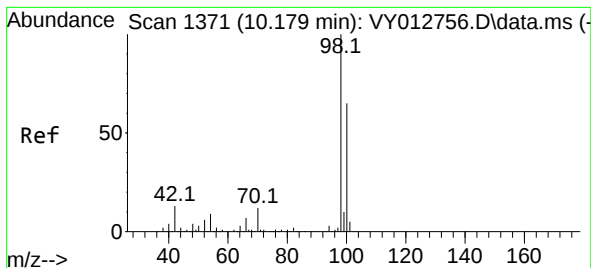
Tgt Ion:114 Resp: 142848
Ion Ratio Lower Upper
114 100
63 20.1 0.0 37.4
88 14.2 0.0 28.6



#35
Dibromofluoromethane
Concen: 56.062 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012925.D
Acq: 13 Mar 2023 14:25

Tgt Ion:113 Resp: 48330
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.2
192 21.0 16.8 25.2





#50

Toluene-d8

Concen: 54.054 ug/l

RT: 10.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY012925.D

Acq: 13 Mar 2023 14:25

Instrument :

MSVOA_Y

ClientSampleId :

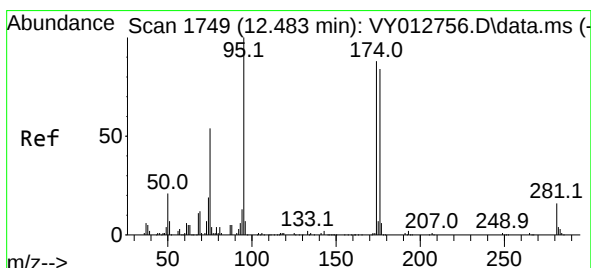
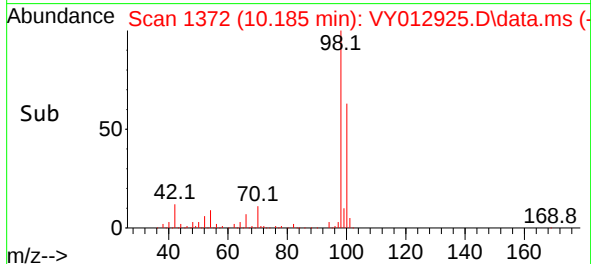
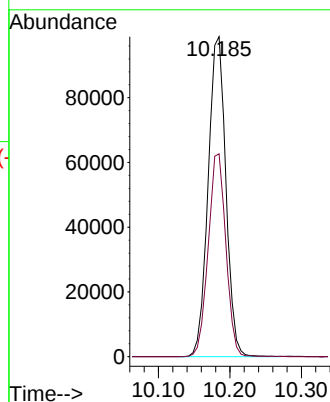
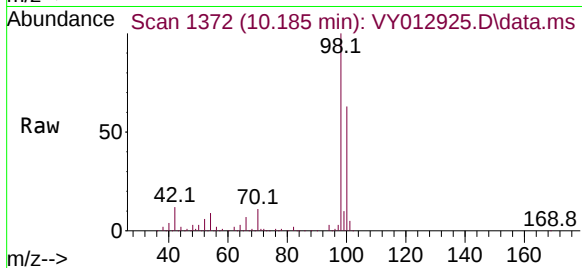
030923-1-VOC

Tgt Ion: 98 Resp: 170358

Ion Ratio Lower Upper

98 100

100 63.1 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 47.126 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY012925.D

Acq: 13 Mar 2023 14:25

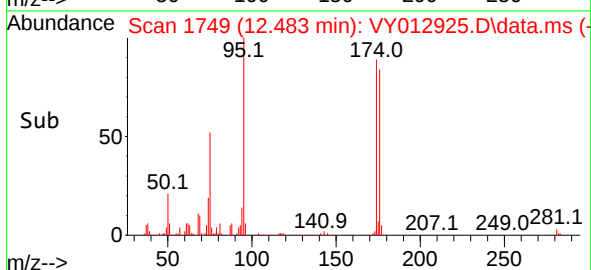
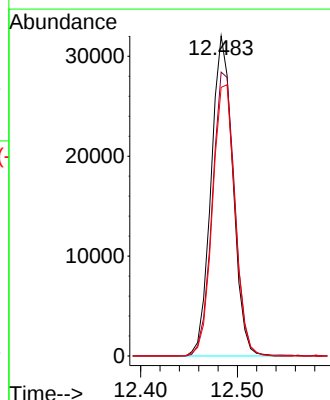
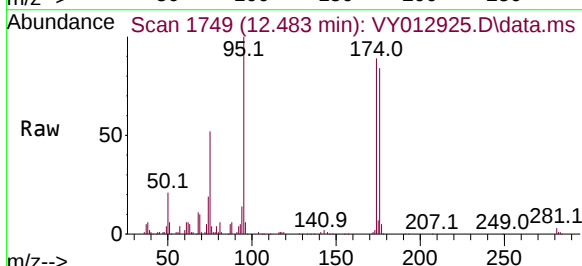
Tgt Ion: 95 Resp: 50130

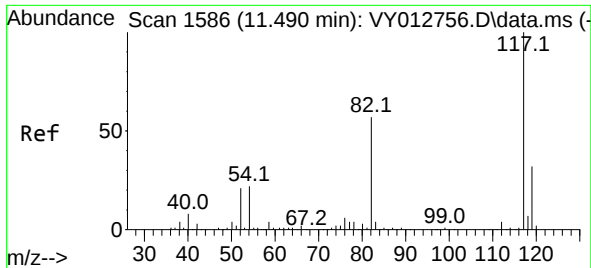
Ion Ratio Lower Upper

95 100

174 91.6 0.0 176.6

176 87.4 0.0 170.2

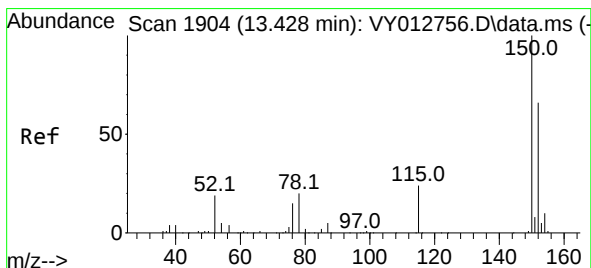
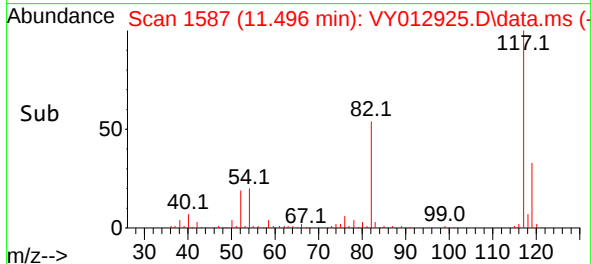
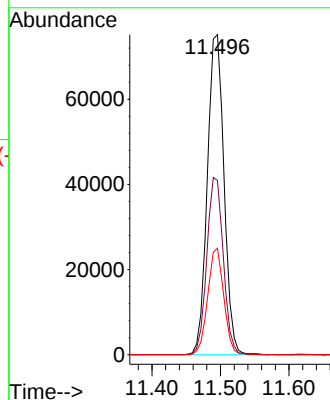
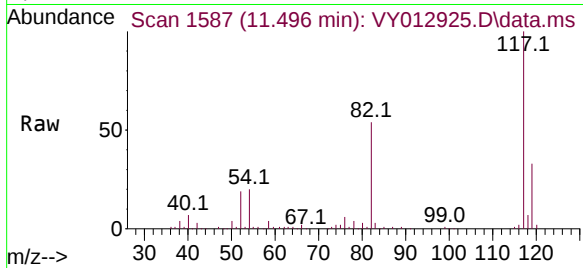




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY012925.D
Acq: 13 Mar 2023 14:25

Instrument :
MSVOA_Y
ClientSampleId :
030923-1-VOC

Tgt Ion:117 Resp: 127414
Ion Ratio Lower Upper
117 100
82 54.4 45.4 68.0
119 33.3 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: VY012925.D
Acq: 13 Mar 2023 14:25

Tgt Ion:152 Resp: 56775
Ion Ratio Lower Upper
152 100
115 54.9 27.1 81.3
150 156.5 0.0 347.8

