

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
 Data File : VY017233.D
 Acq On : 05 Feb 2024 16:50
 Operator : SY/MD
 Sample : P1362-11
 Misc : 5.79g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-3-VOC

Quant Time: Feb 06 01:02:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	78317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	169139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	171262	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	65092	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	37988	54.297	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.600%
35) Dibromofluoromethane	7.716	113	40618	44.477	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.960%
50) Toluene-d8	10.179	98	148524	44.668	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.340%
62) 4-Bromofluorobenzene	12.483	95	49043	45.026	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.060%

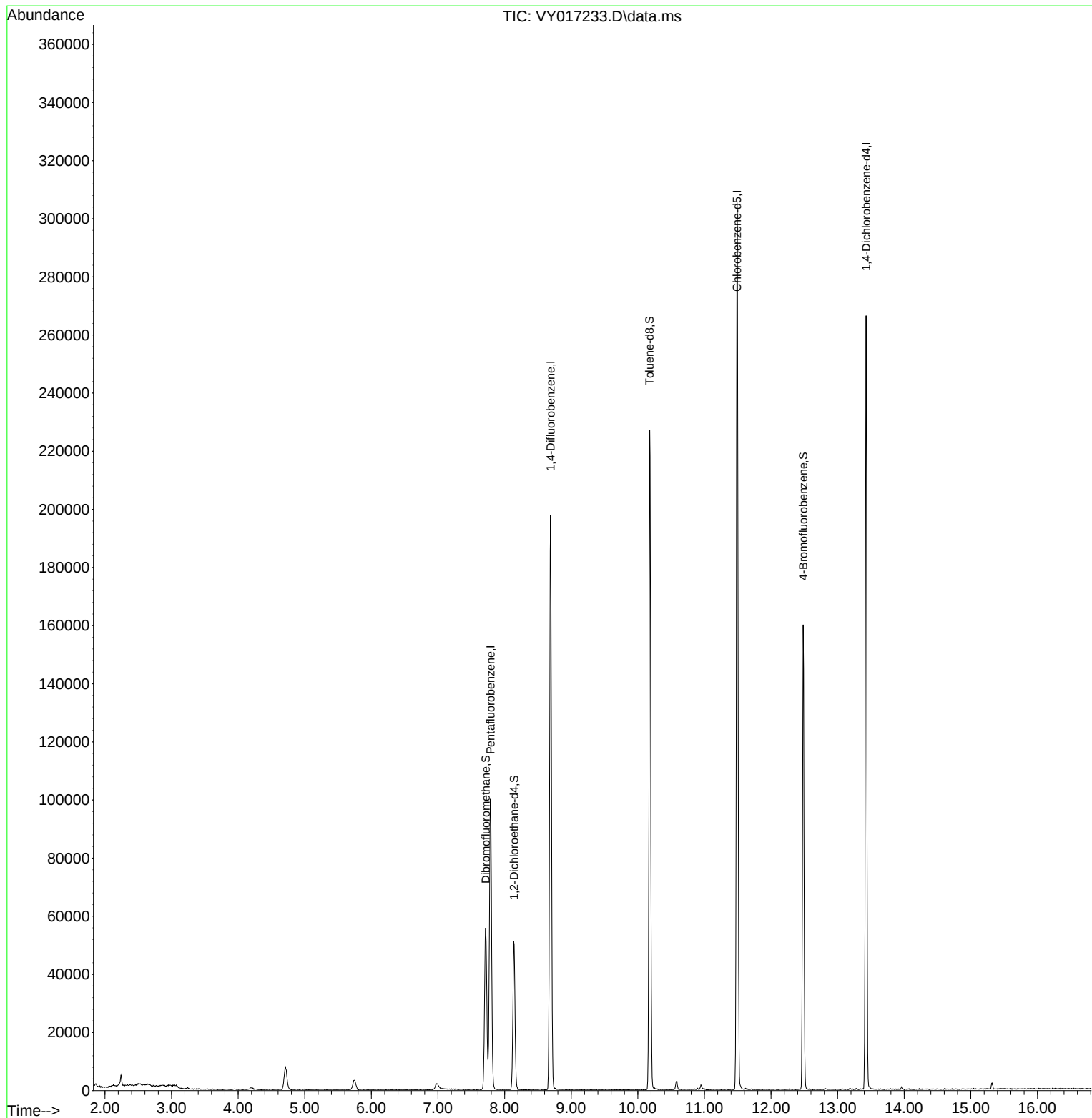
Target Compounds	Qvalue

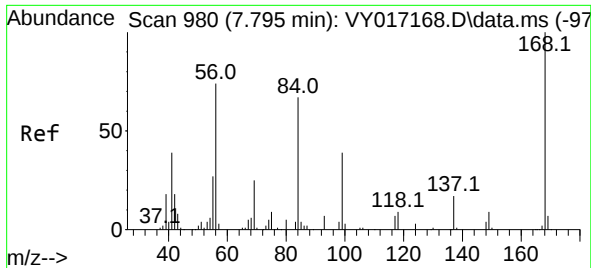
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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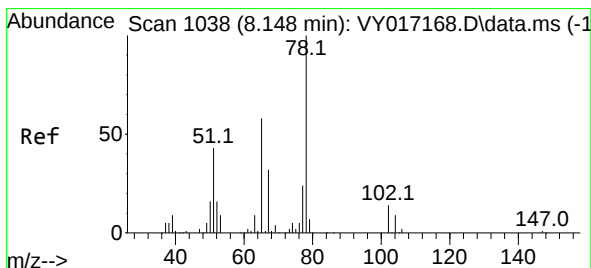
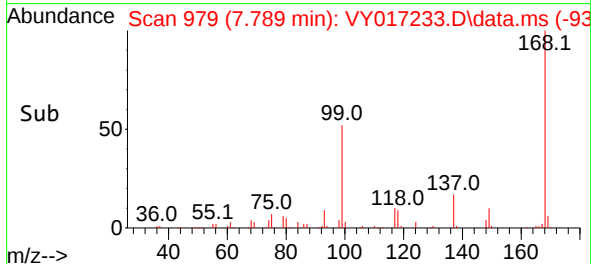
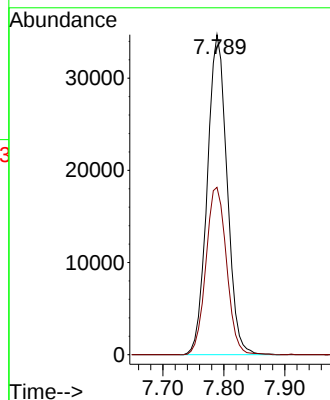
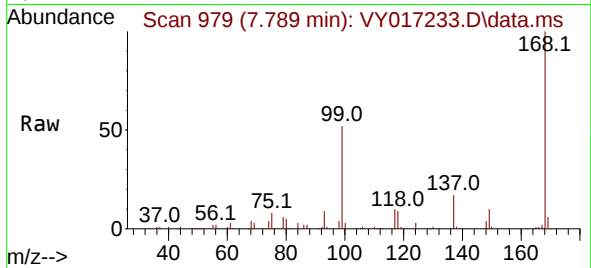




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017233.D
Acq: 05 Feb 2024 16:50

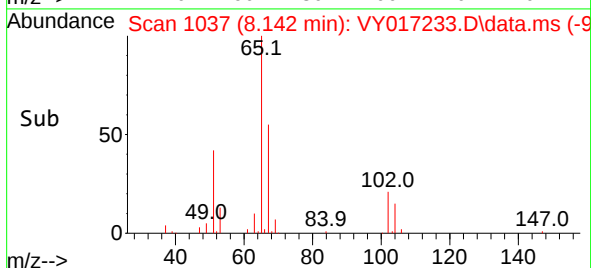
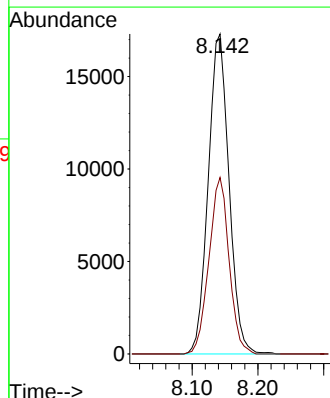
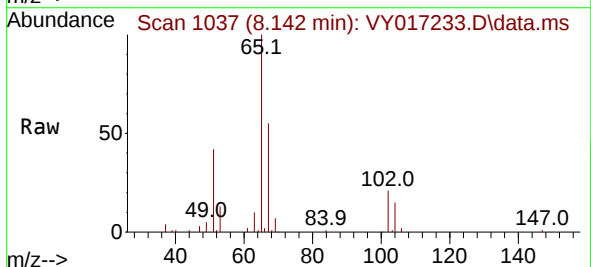
Instrument :
MSVOA_Y
ClientSampleId :
WC-3-VOC

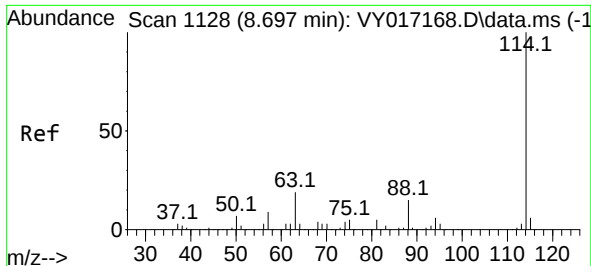
Tgt Ion:168 Resp: 78317
Ion Ratio Lower Upper
168 100
99 52.3 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 54.297 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY017233.D
Acq: 05 Feb 2024 16:50

Tgt Ion: 65 Resp: 37988
Ion Ratio Lower Upper
65 100
67 53.5 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY017233.D

Acq: 05 Feb 2024 16:50

Instrument :

MSVOA_Y

ClientSampleId :

WC-3-VOC

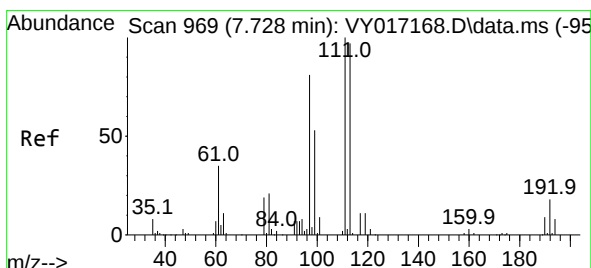
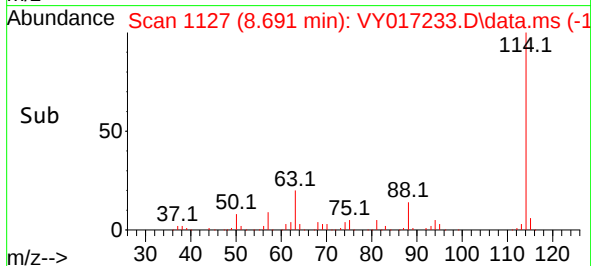
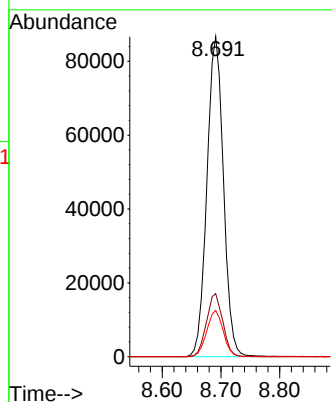
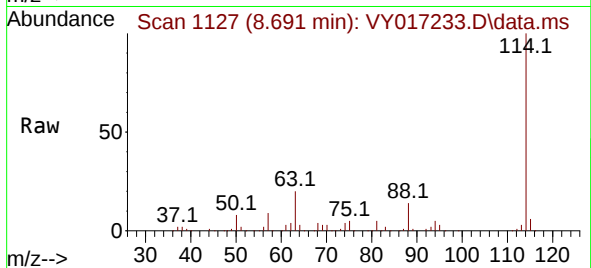
Tgt Ion:114 Resp: 169139

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 14.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 44.477 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.012 min

Lab File: VY017233.D

Acq: 05 Feb 2024 16:50

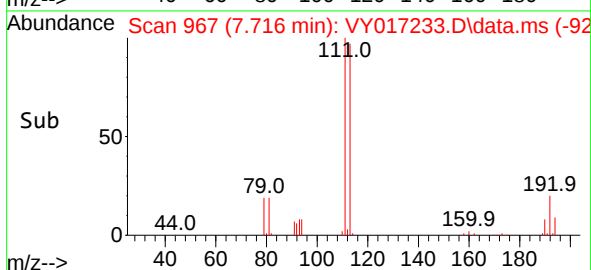
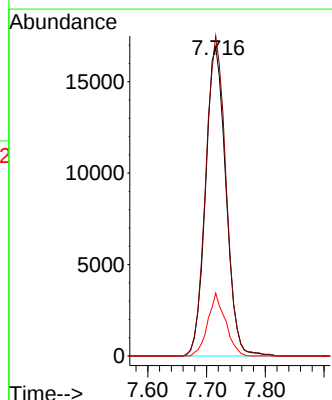
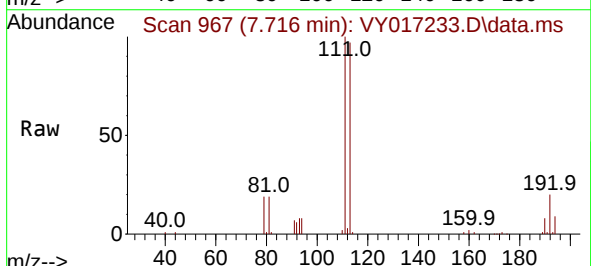
Tgt Ion:113 Resp: 40618

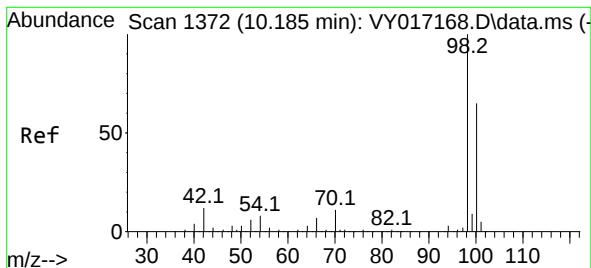
Ion Ratio Lower Upper

113 100

111 103.0 83.8 125.6

192 17.7 14.5 21.7





#50

Toluene-d8

Concen: 44.668 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017233.D

Acq: 05 Feb 2024 16:50

Instrument :

MSVOA_Y

ClientSampleId :

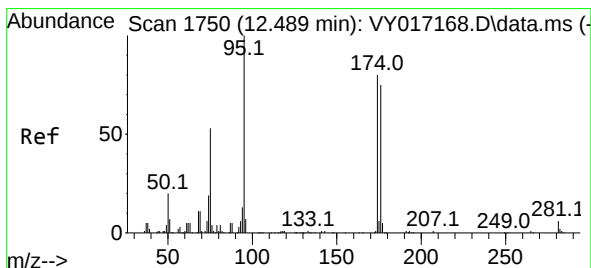
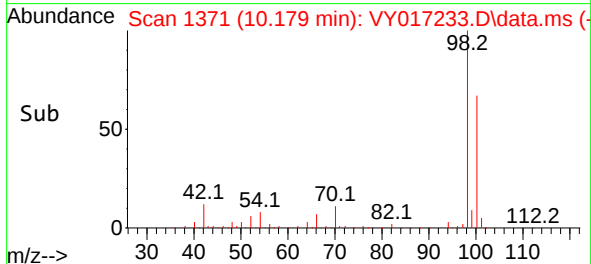
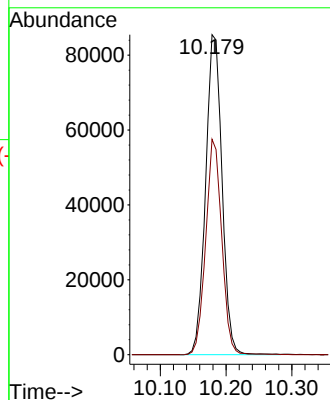
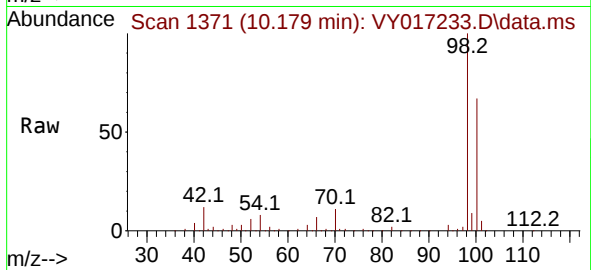
WC-3-VOC

Tgt Ion: 98 Resp: 148524

Ion Ratio Lower Upper

98 100

100 65.6 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 45.026 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VY017233.D

Acq: 05 Feb 2024 16:50

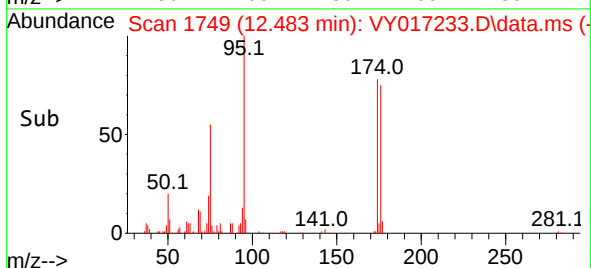
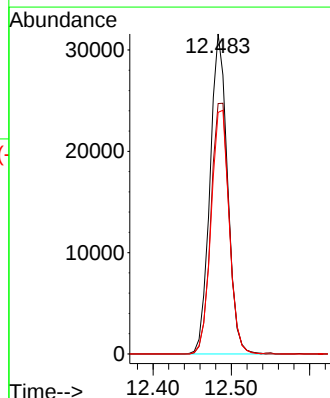
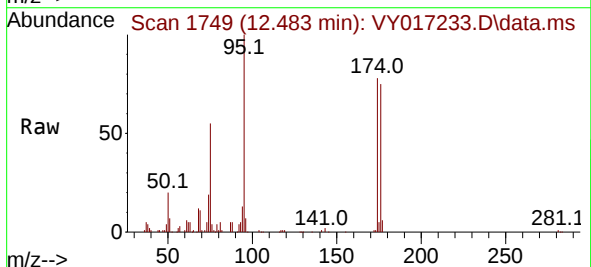
Tgt Ion: 95 Resp: 49043

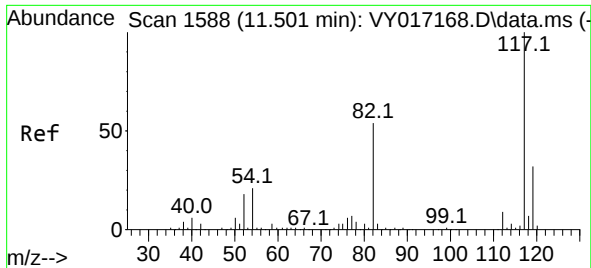
Ion Ratio Lower Upper

95 100

174 81.3 0.0 160.0

176 78.6 0.0 151.8

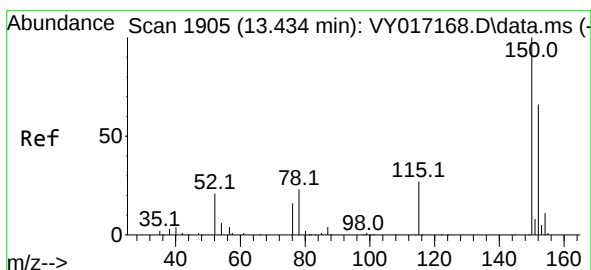
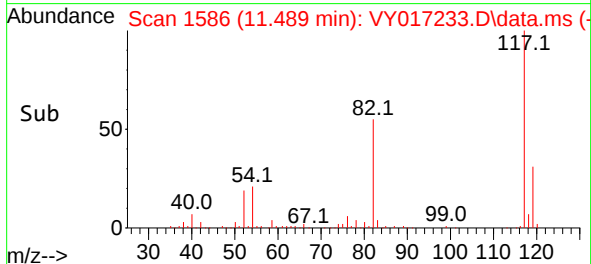
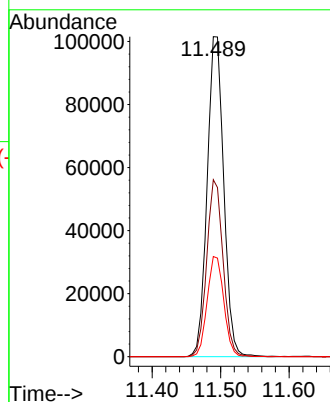
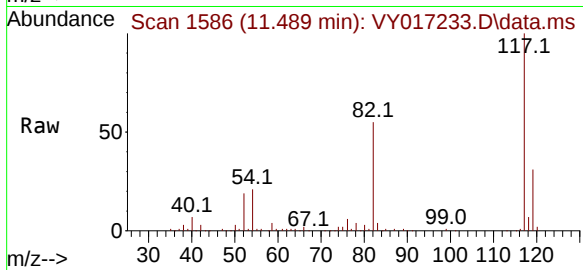




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY017233.D
Acq: 05 Feb 2024 16:50

Instrument :
MSVOA_Y
ClientSampleId :
WC-3-VOC

Tgt Ion:117 Resp: 171262
Ion Ratio Lower Upper
117 100
82 55.3 43.8 65.8
119 31.3 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017233.D
Acq: 05 Feb 2024 16:50

Tgt Ion:152 Resp: 65092
Ion Ratio Lower Upper
152 100
115 59.3 30.0 90.0
150 158.7 0.0 344.6

