

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122324\
 Data File : VY020694.D
 Acq On : 23 Dec 2024 16:14
 Operator : SY/MD
 Sample : P5330-03
 Misc : 4.75g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5-VOC

Quant Time: Dec 23 16:28:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122324S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 15:11:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	100168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	157230	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	132267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	51937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	50466	56.887	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.780%
35) Dibromofluoromethane	7.646	113	49736	53.872	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.740%
50) Toluene-d8	10.115	98	183110	54.608	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.220%
62) 4-Bromofluorobenzene	12.414	95	55089	45.138	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	90.280%

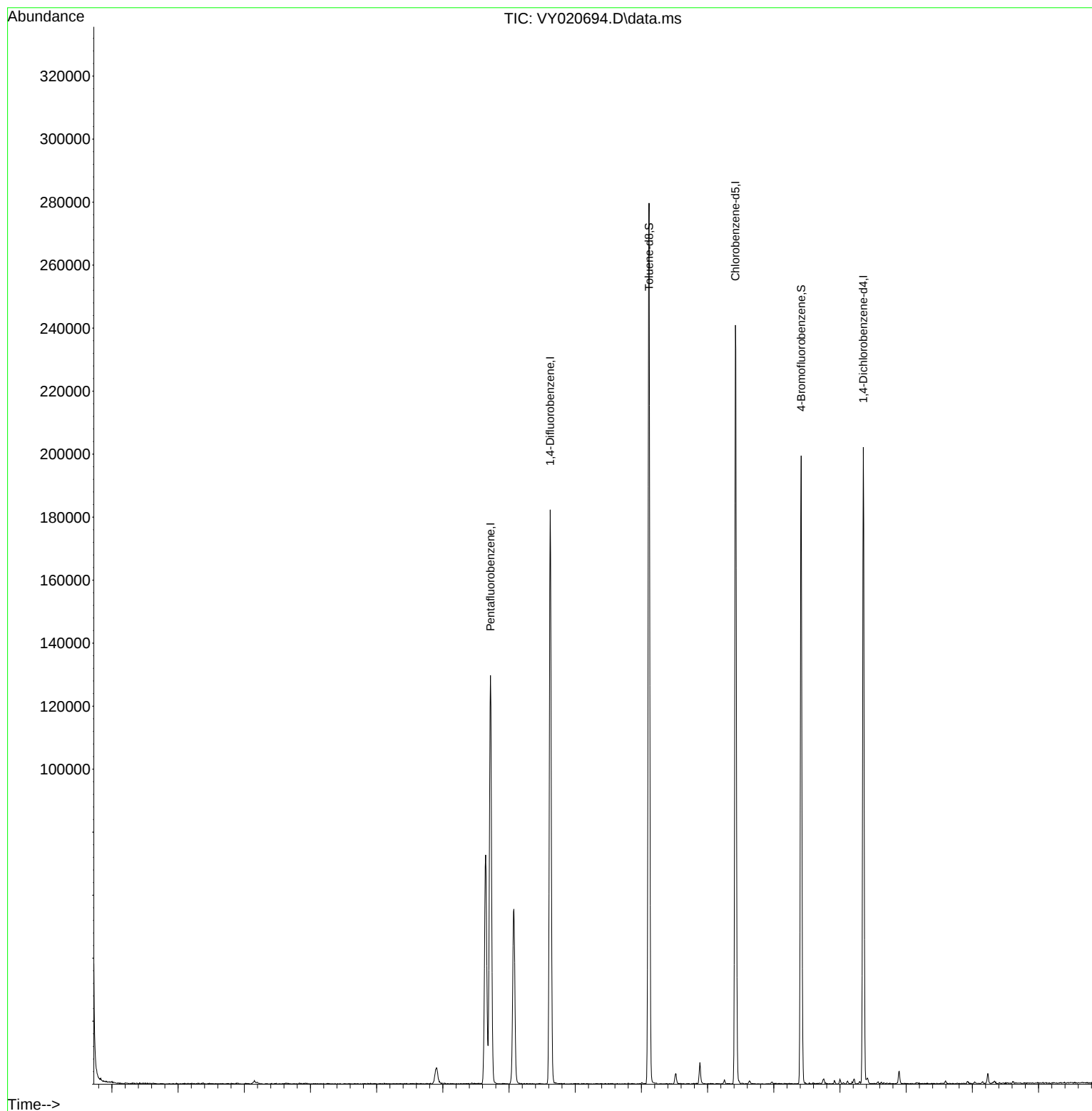
Target Compounds Qvalue

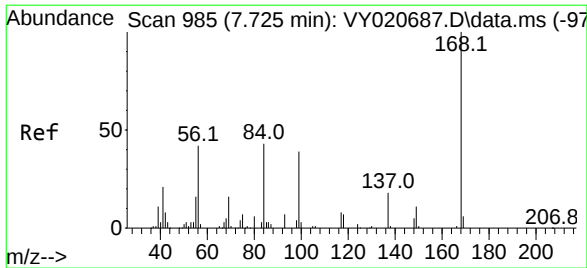
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122324\
Data File : VY020694.D
Acq On : 23 Dec 2024 16:14
Operator : SY/MD
Sample : P5330-03
Misc : 4.75g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-5-VOC

Quant Time: Dec 23 16:28:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122324S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 23 15:11:18 2024
Response via : Initial Calibration

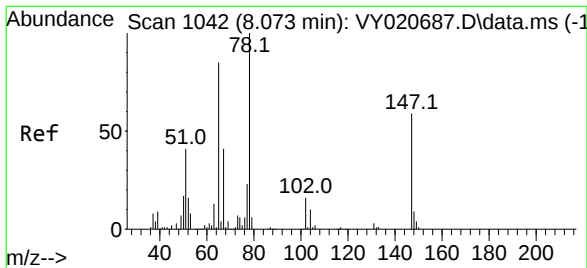
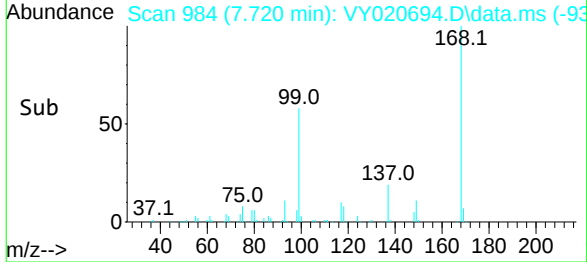
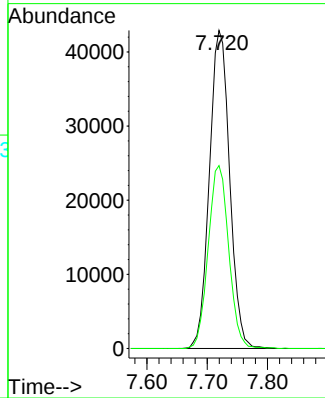
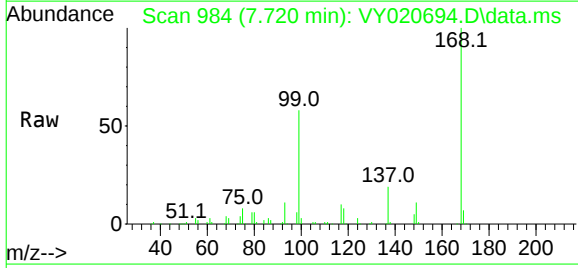




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 98
Delta R.T. -0.005 min
Lab File: VY020694.D
Acq: 23 Dec 2024 16:14

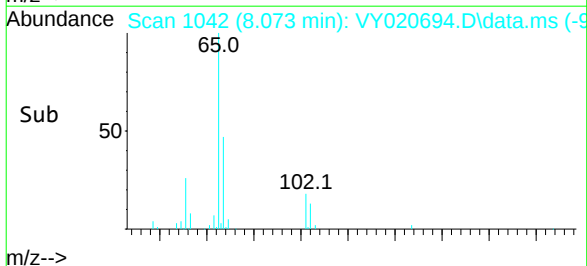
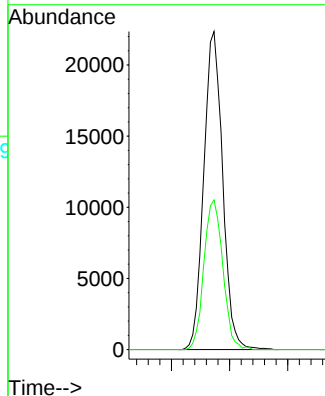
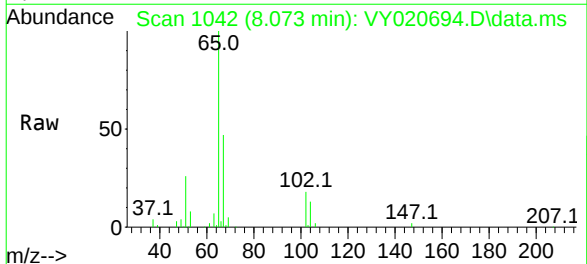
Instrument :
MSVOA_Y
ClientSampleId :
TP-5-VOC

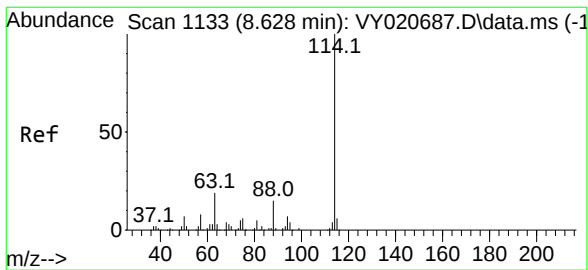
Tgt Ion:168 Resp: 100168
Ion Ratio Lower Upper
168 100
99 57.5 47.0 70.6



#33
1,2-Dichloroethane-d4
Concen: 56.887 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY020694.D
Acq: 23 Dec 2024 16:14

Tgt Ion: 65 Resp: 50466
Ion Ratio Lower Upper
65 100
67 47.1 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020694.D

Acq: 23 Dec 2024 16:14

Instrument :

MSVOA_Y

ClientSampleId :

TP-5-VOC

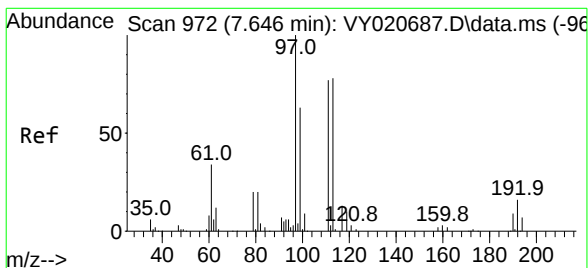
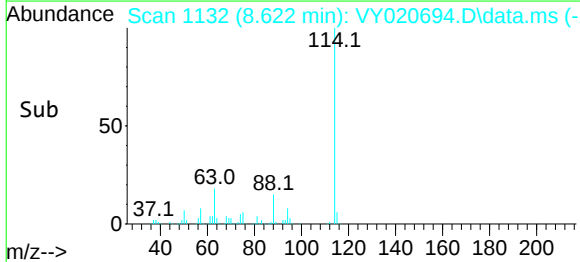
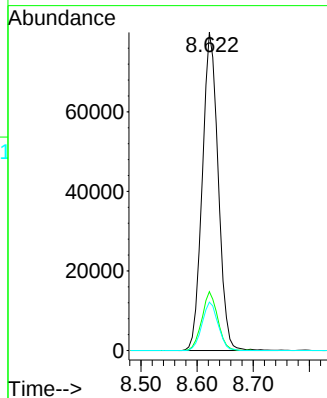
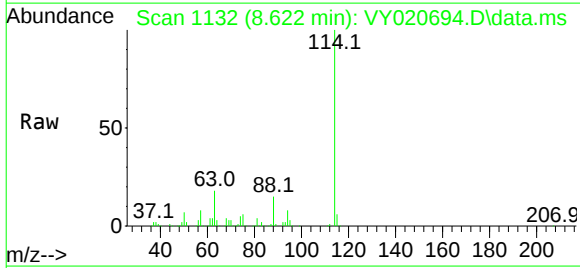
Tgt Ion:114 Resp: 157230

Ion Ratio Lower Upper

114 100

63 18.5 0.0 44.0

88 15.2 0.0 32.8



#35

Dibromofluoromethane

Concen: 53.872 ug/l

RT: 7.646 min Scan# 972

Delta R.T. 0.000 min

Lab File: VY020694.D

Acq: 23 Dec 2024 16:14

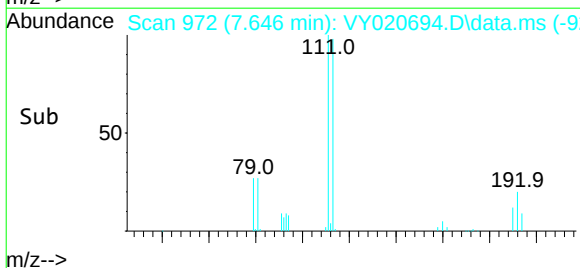
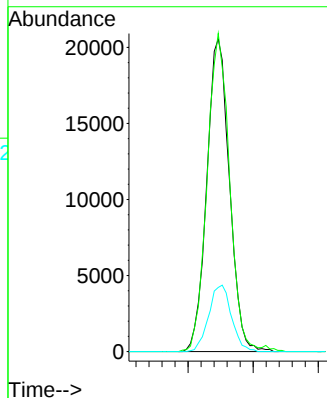
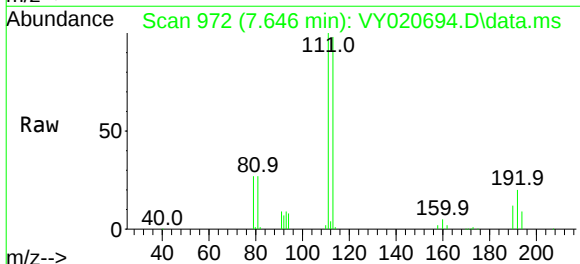
Tgt Ion:113 Resp: 49736

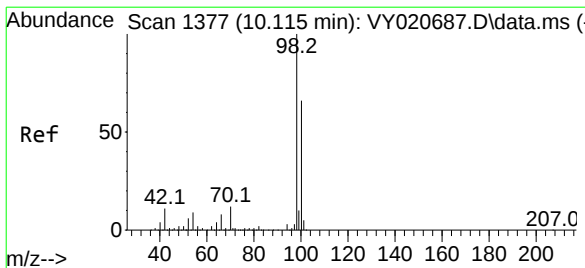
Ion Ratio Lower Upper

113 100

111 100.4 82.9 124.3

192 21.3 15.7 23.5





#50

Toluene-d8

Concen: 54.608 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VY020694.D

Acq: 23 Dec 2024 16:14

Instrument :

MSVOA_Y

ClientSampleId :

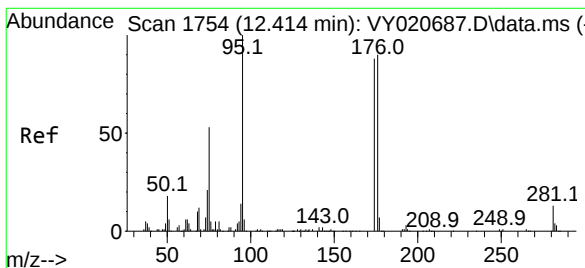
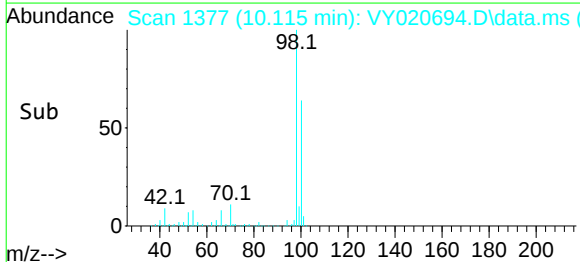
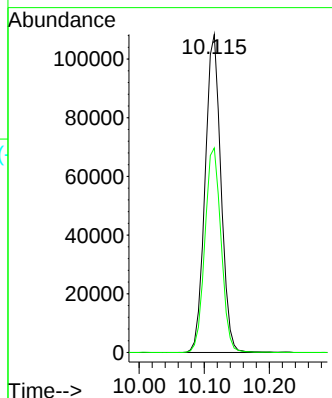
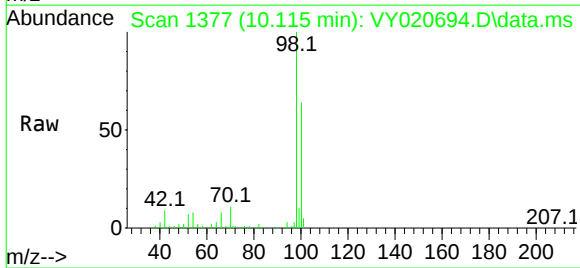
TP-5-VOC

Tgt Ion: 98 Resp: 183110

Ion Ratio Lower Upper

98 100

100 65.7 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 45.138 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.000 min

Lab File: VY020694.D

Acq: 23 Dec 2024 16:14

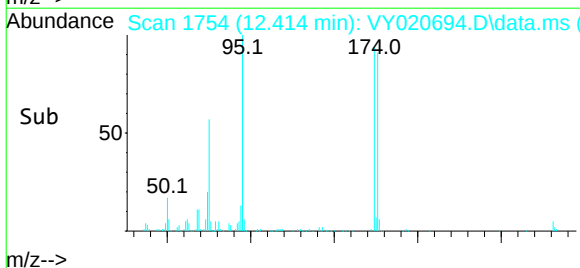
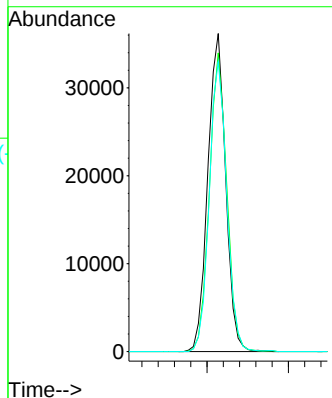
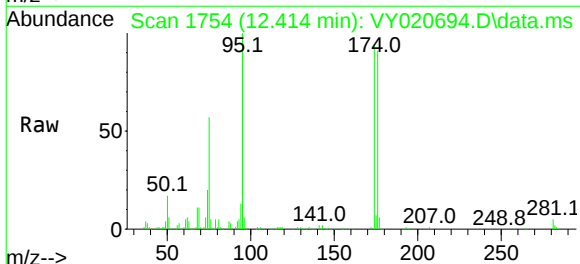
Tgt Ion: 95 Resp: 55089

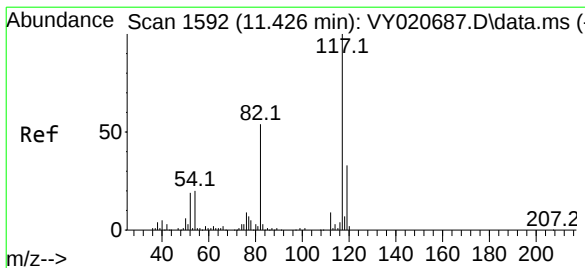
Ion Ratio Lower Upper

95 100

174 91.5 0.0 161.8

176 89.5 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1592

Delta R.T. -0.006 min

Lab File: VY020694.D

Acq: 23 Dec 2024 16:14

Instrument :

MSVOA_Y

ClientSampleId :

TP-5-VOC

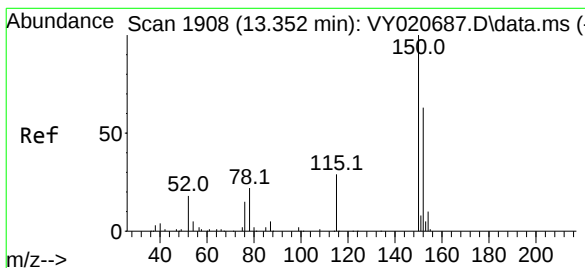
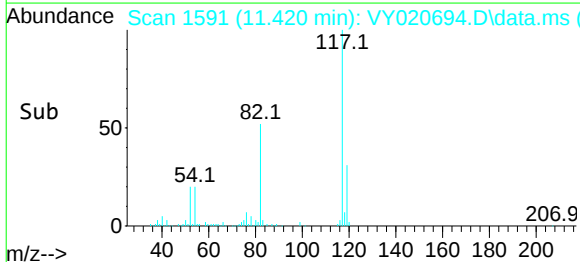
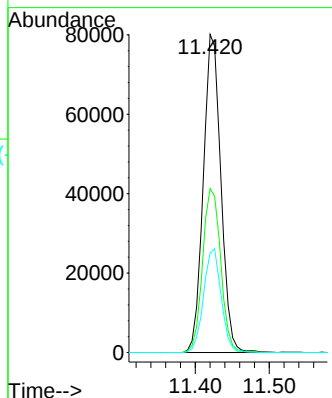
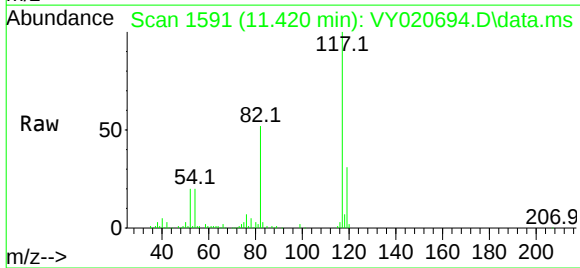
Tgt Ion:117 Resp: 132267

Ion Ratio Lower Upper

117 100

82 51.5 45.8 68.6

119 31.2 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY020694.D

Acq: 23 Dec 2024 16:14

Tgt Ion:152 Resp: 51937

Ion Ratio Lower Upper

152 100

115 59.8 30.2 90.6

150 157.5 0.0 355.4

