

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010324\
 Data File : VY016909.D
 Acq On : 03 Jan 2024 14:26
 Operator : SY/MD
 Sample : P1005-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR200030

Quant Time: Jan 04 00:32:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	3001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	4761	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	3197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.447	152	375	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	1255	42.312	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.620%
35) Dibromofluoromethane	7.740	113	1191	39.257	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.520%
50) Toluene-d8	10.203	98	3957	37.876	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	75.760%
62) 4-Bromofluorobenzene	12.508	95	605	17.164	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	34.320%

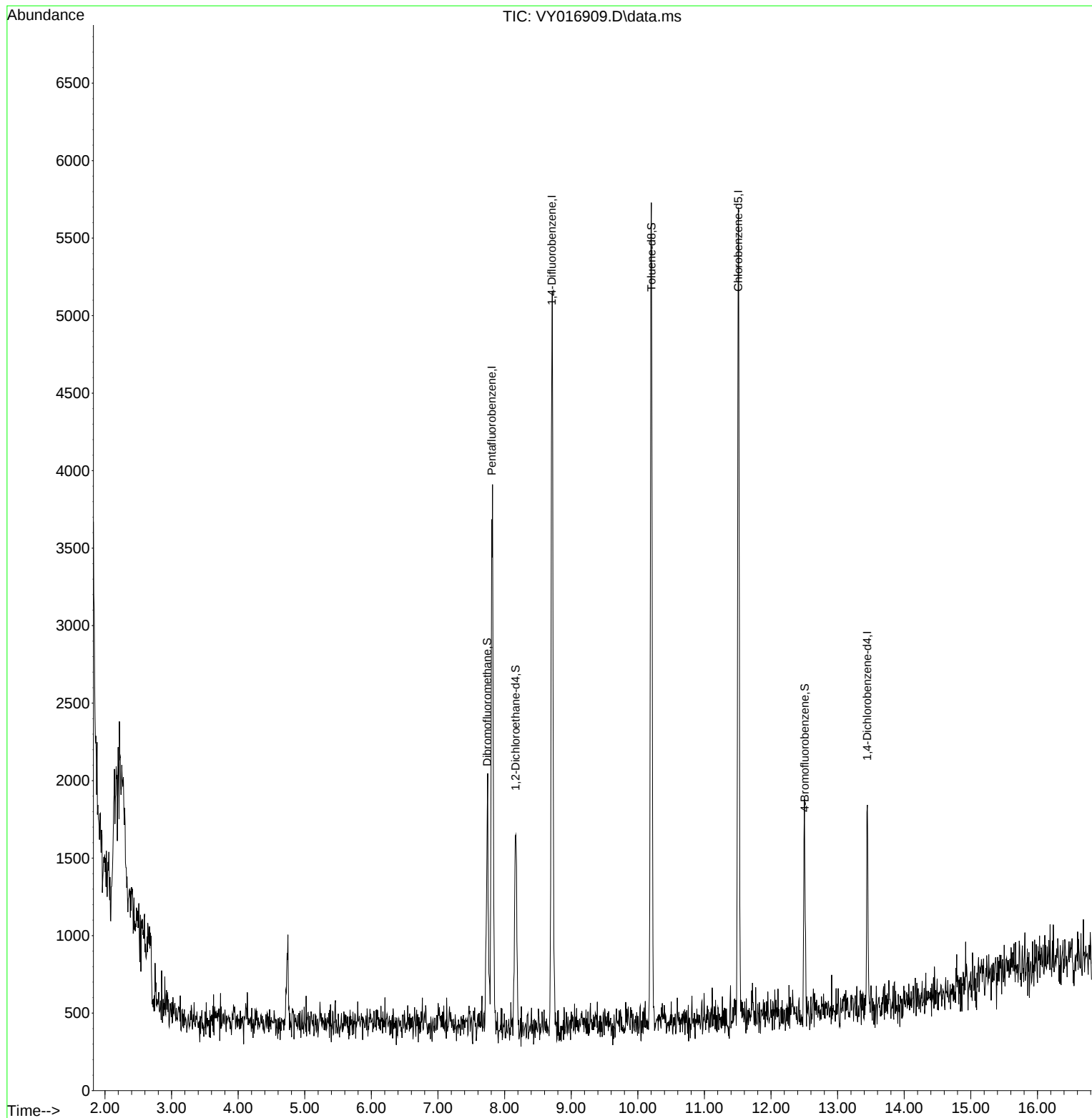
Target Compounds	Qvalue

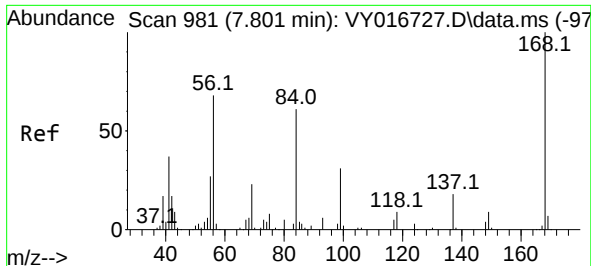
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010324\
Data File : VY016909.D
Acq On : 03 Jan 2024 14:26
Operator : SY/MD
Sample : P1005-02
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RBR200030

Quant Time: Jan 04 00:32:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

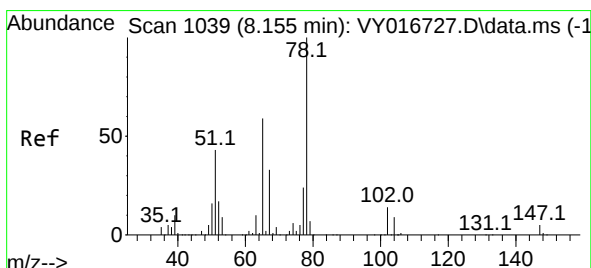
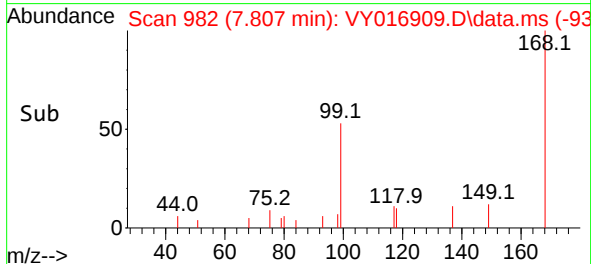
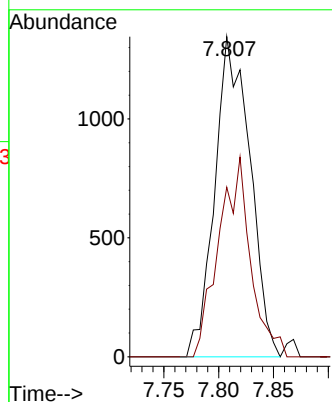
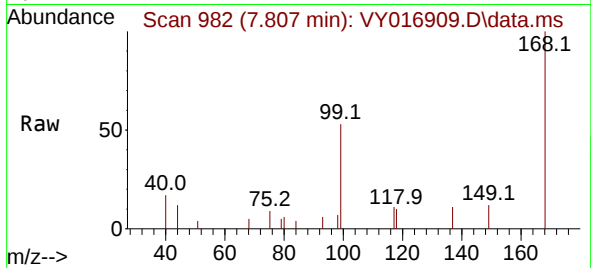




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016909.D
Acq: 03 Jan 2024 14:26

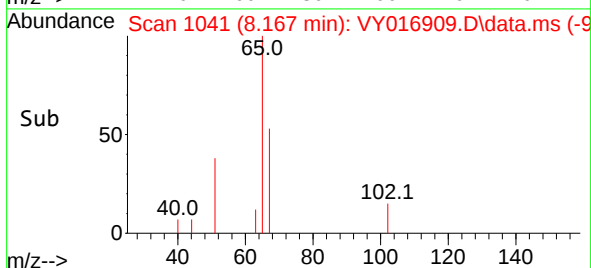
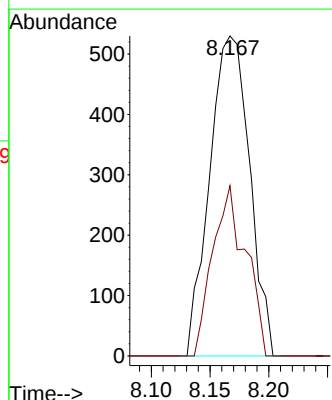
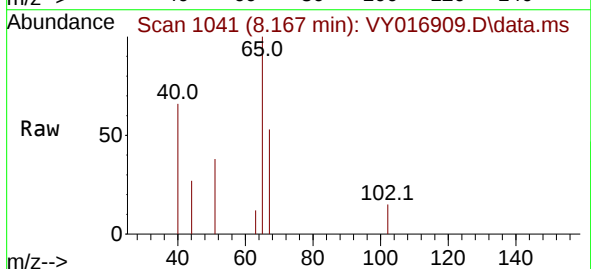
Instrument :
MSVOA_Y
ClientSampleId :
RBR200030

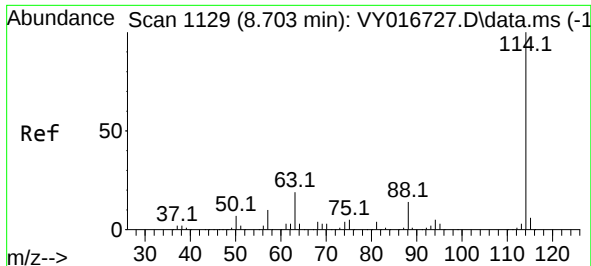
Tgt Ion:168 Resp: 3001
Ion Ratio Lower Upper
168 100
99 53.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 42.312 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY016909.D
Acq: 03 Jan 2024 14:26

Tgt Ion: 65 Resp: 1255
Ion Ratio Lower Upper
65 100
67 44.1 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1129

Delta R.T. 0.007 min

Lab File: VY016909.D

Acq: 03 Jan 2024 14:26

Instrument :

MSVOA_Y

ClientSampleId :

RBR200030

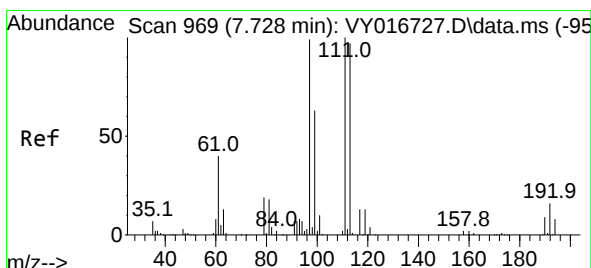
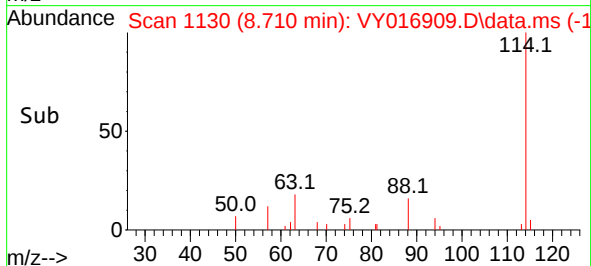
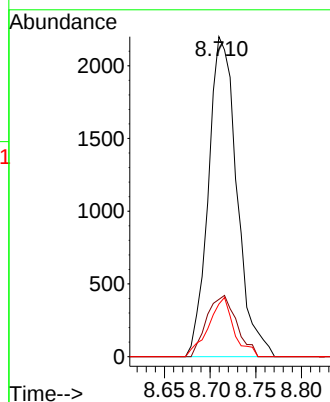
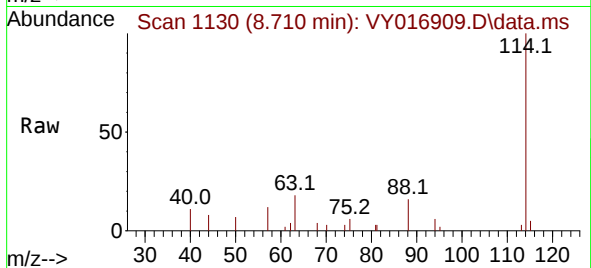
Tgt Ion:114 Resp: 4761

Ion Ratio Lower Upper

114 100

63 17.9 0.0 37.4

88 16.5 0.0 29.0



#35

Dibromofluoromethane

Concen: 39.257 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY016909.D

Acq: 03 Jan 2024 14:26

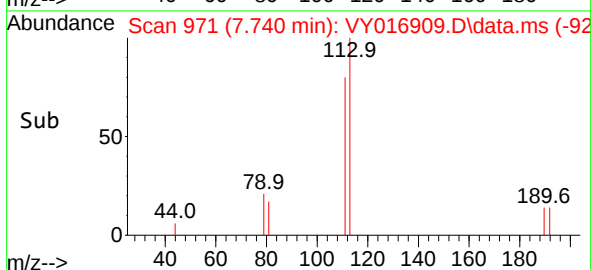
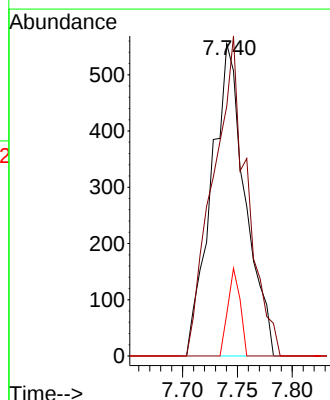
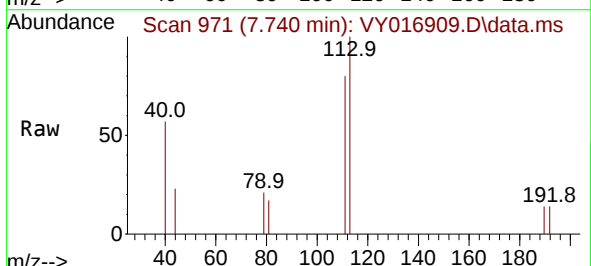
Tgt Ion:113 Resp: 1191

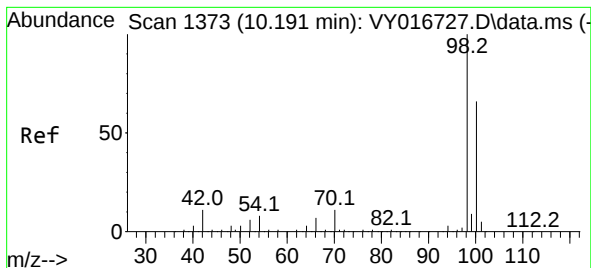
Ion Ratio Lower Upper

113 100

111 102.8 83.8 125.6

192 10.2 14.5 21.7#





#50

Toluene-d8

Concen: 37.876 ug/l

RT: 10.203 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016909.D

Acq: 03 Jan 2024 14:26

Instrument :

MSVOA_Y

ClientSampleId :

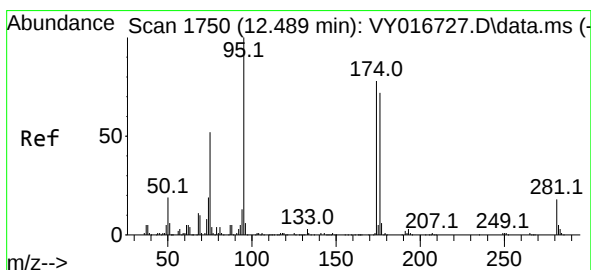
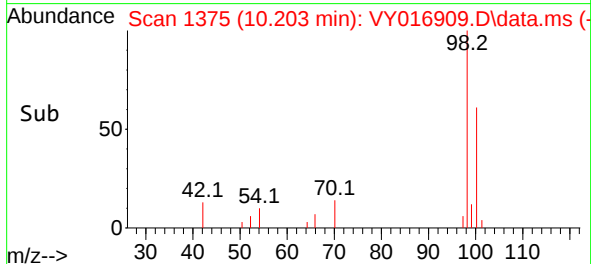
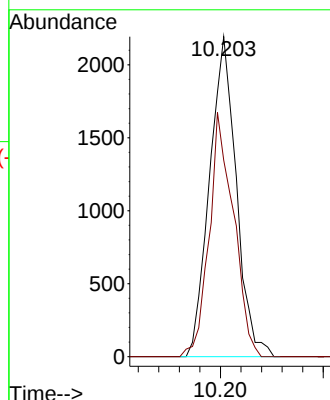
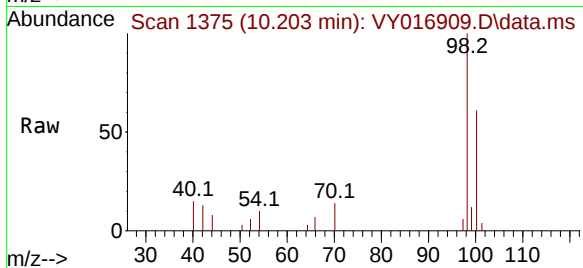
RBR200030

Tgt Ion: 98 Resp: 3957

Ion Ratio Lower Upper

98 100

100 69.6 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 17.164 ug/l

RT: 12.508 min Scan# 1753

Delta R.T. 0.019 min

Lab File: VY016909.D

Acq: 03 Jan 2024 14:26

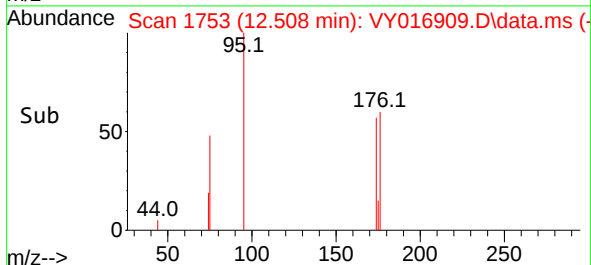
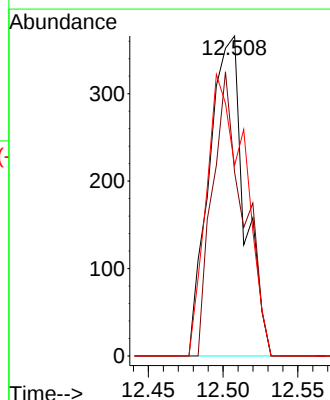
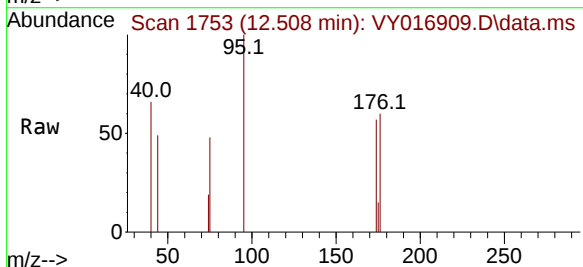
Tgt Ion: 95 Resp: 605

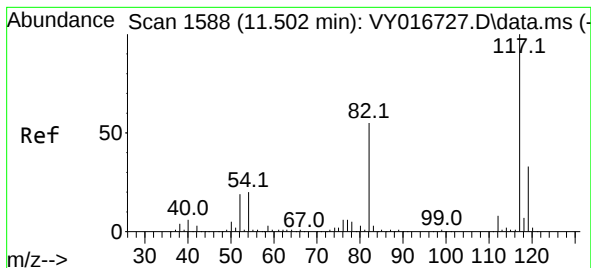
Ion Ratio Lower Upper

95 100

174 77.5 0.0 160.0

176 94.7 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016909.D

Acq: 03 Jan 2024 14:26

Instrument :

MSVOA_Y

ClientSampleId :

RBR200030

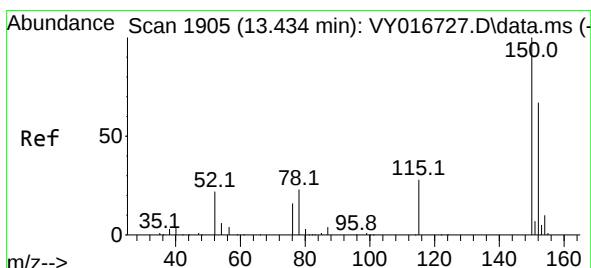
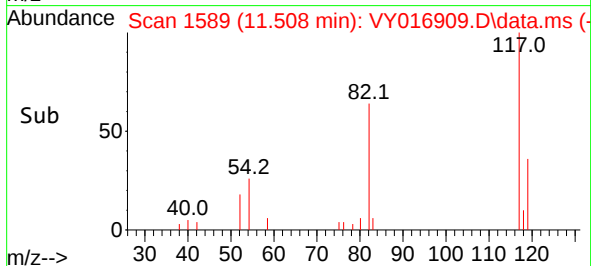
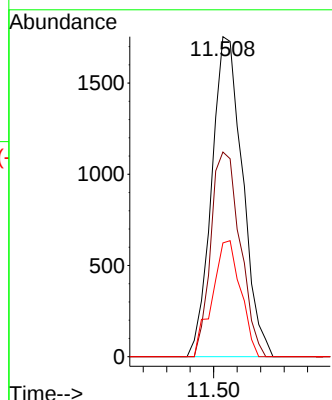
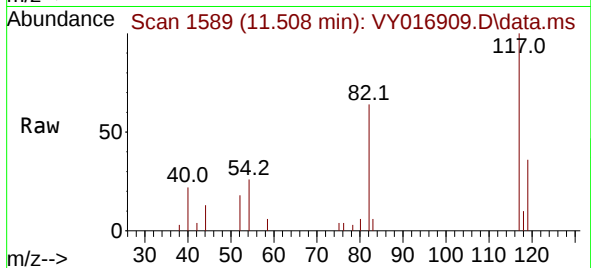
Tgt Ion:117 Resp: 3197

Ion Ratio Lower Upper

117 100

82 64.0 43.8 65.8

119 35.5 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.013 min

Lab File: VY016909.D

Acq: 03 Jan 2024 14:26

Tgt Ion:152 Resp: 375

Ion Ratio Lower Upper

152 100

115 76.8 30.0 90.0

150 179.7 0.0 344.6

