

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061024\
 Data File : VY018549.D
 Acq On : 10 Jun 2024 14:36
 Operator : SY/MD
 Sample : P2794-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-060724

Quant Time: Jun 11 01:56:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	982	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	1590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	78	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1224	63.469	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.940%
35) Dibromofluoromethane	7.703	113	943	46.771	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.540%
50) Toluene-d8	10.185	98	2740	34.160	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	68.320%
62) 4-Bromofluorobenzene	12.489	95	381	15.256	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	30.520%

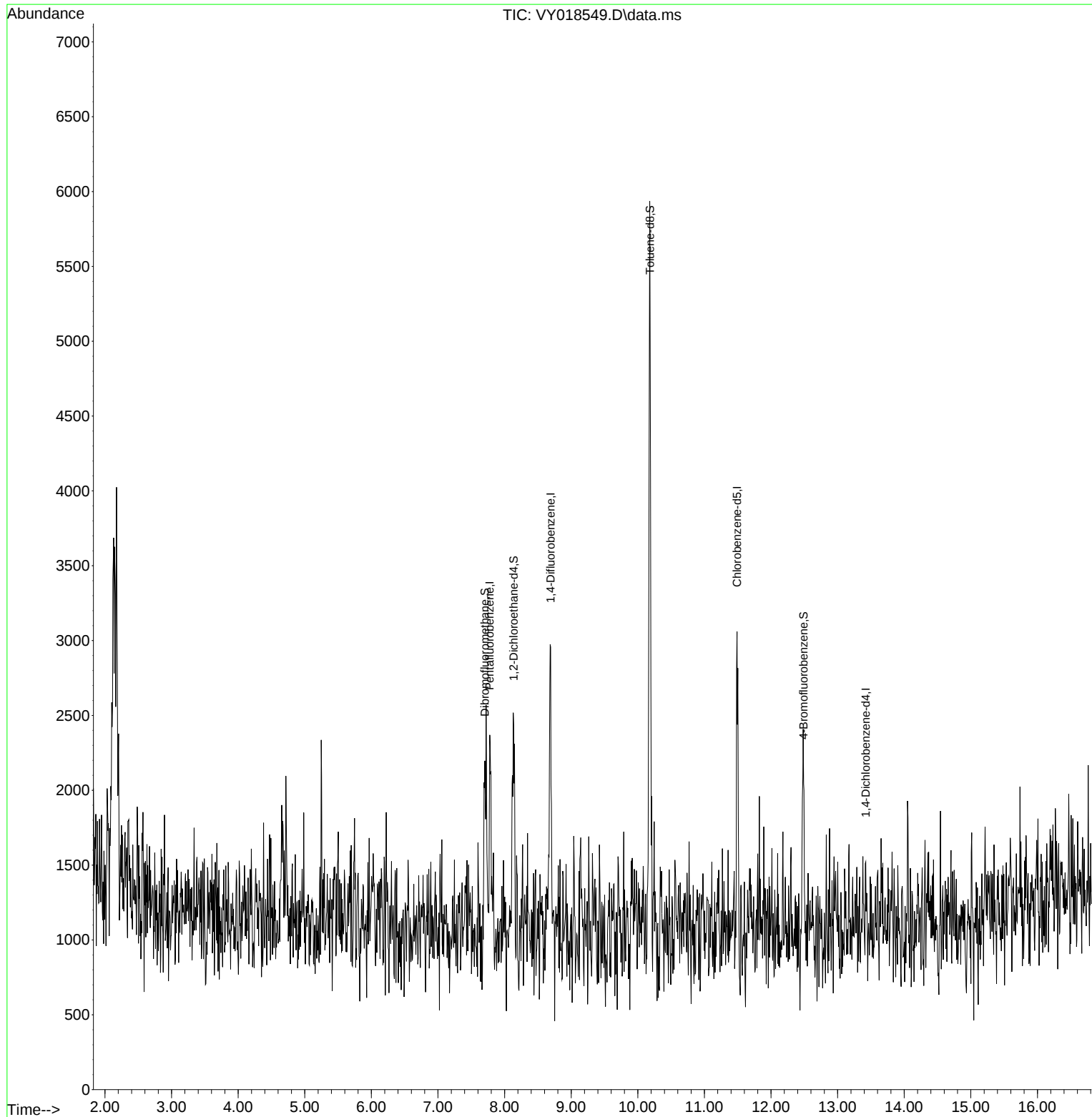
Target Compounds	Qvalue

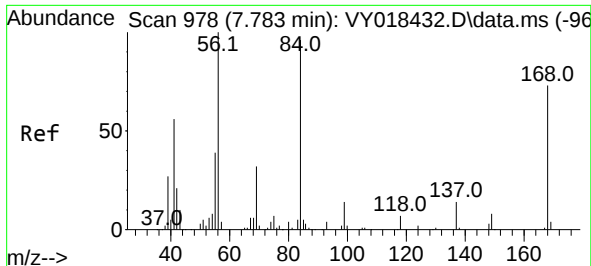
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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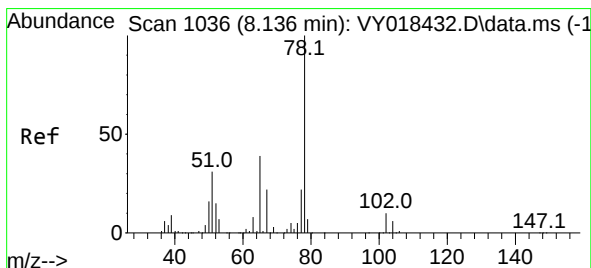
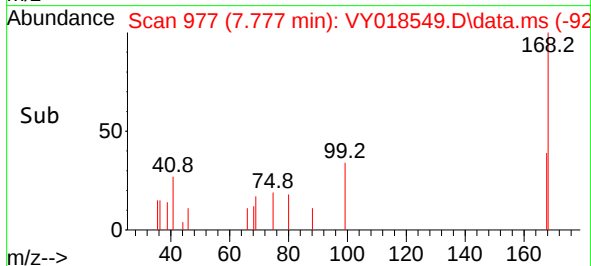
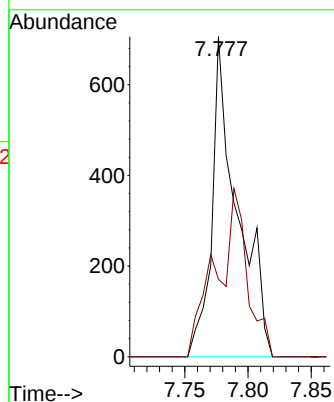
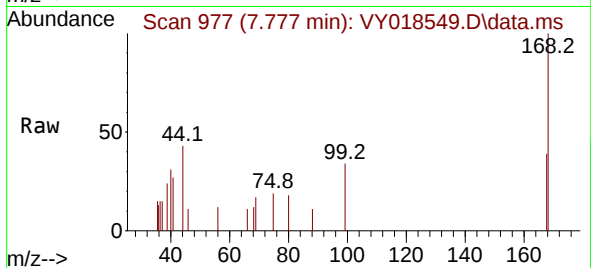




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018549.D
Acq: 10 Jun 2024 14:36

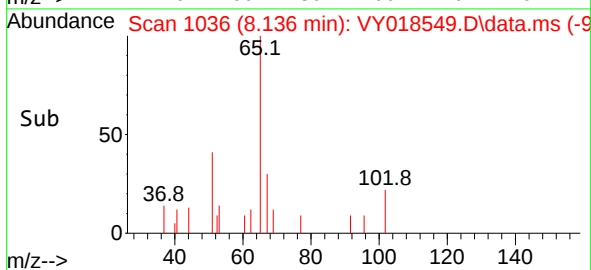
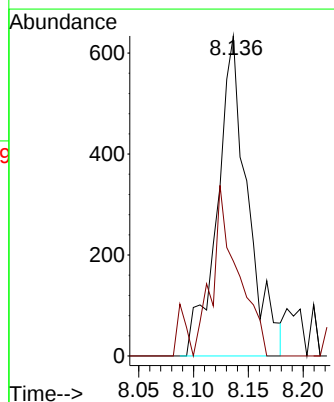
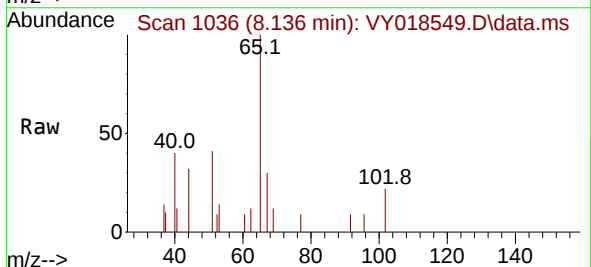
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-060724

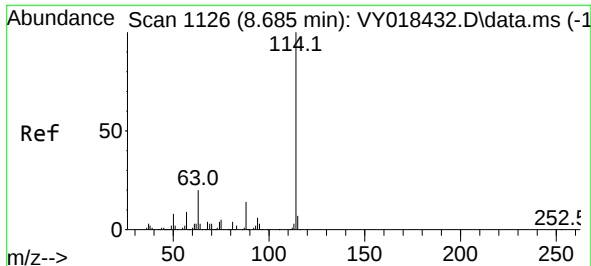
Tgt Ion:168 Resp: 982
Ion Ratio Lower Upper
168 100
99 24.2 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 63.469 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY018549.D
Acq: 10 Jun 2024 14:36

Tgt Ion: 65 Resp: 1224
Ion Ratio Lower Upper
65 100
67 44.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY018549.D

Acq: 10 Jun 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-060724

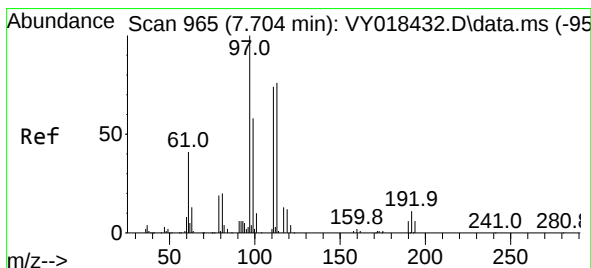
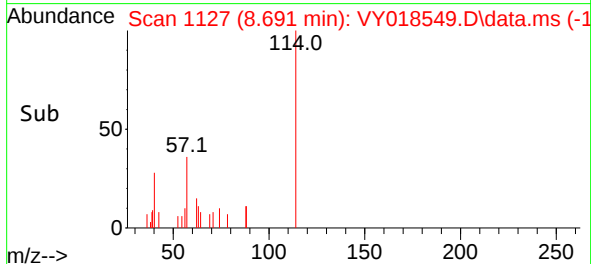
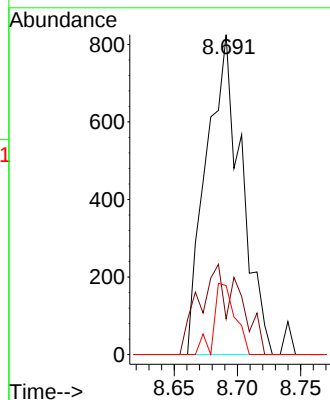
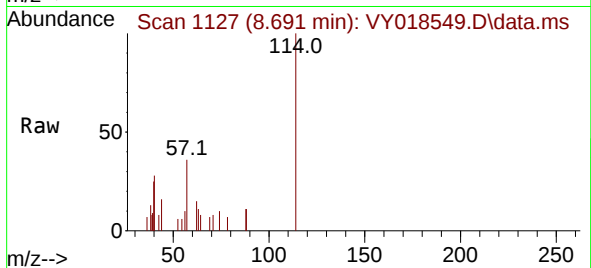
Tgt Ion:114 Resp: 1590

Ion Ratio Lower Upper

114 100

63 11.2 0.0 35.0

88 21.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.771 ug/l

RT: 7.703 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY018549.D

Acq: 10 Jun 2024 14:36

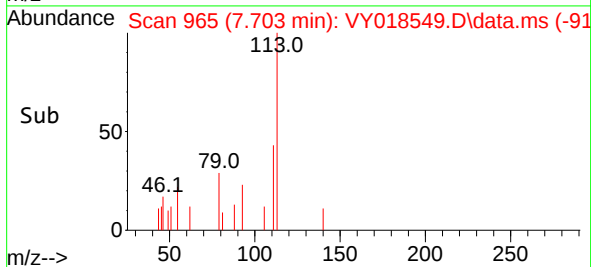
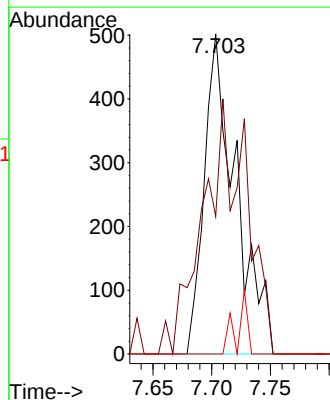
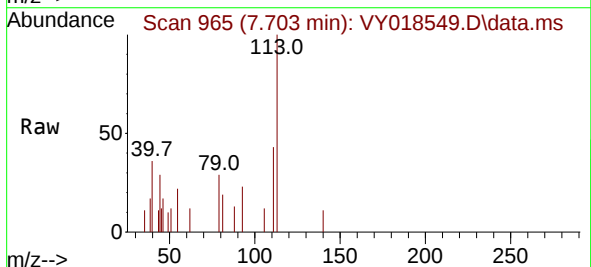
Tgt Ion:113 Resp: 943

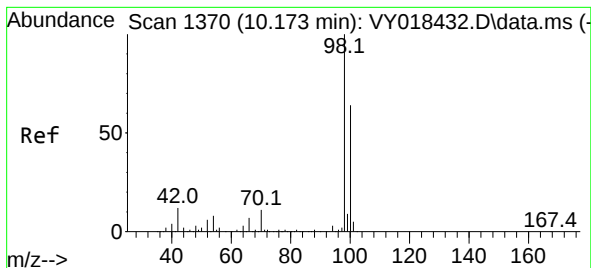
Ion Ratio Lower Upper

113 100

111 108.2 82.2 123.4

192 0.0 15.9 23.9#





#50

Toluene-d8

Concen: 34.160 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY018549.D

Acq: 10 Jun 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

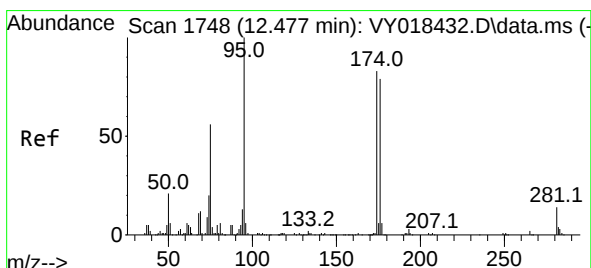
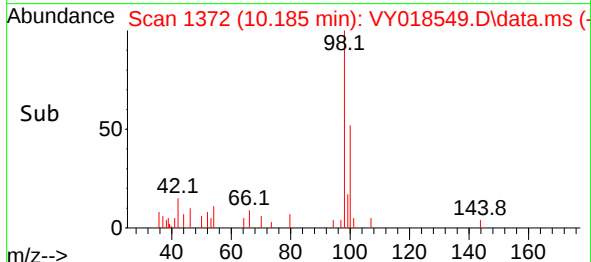
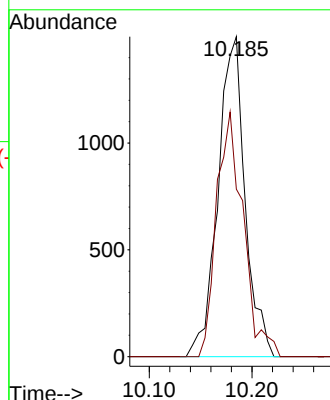
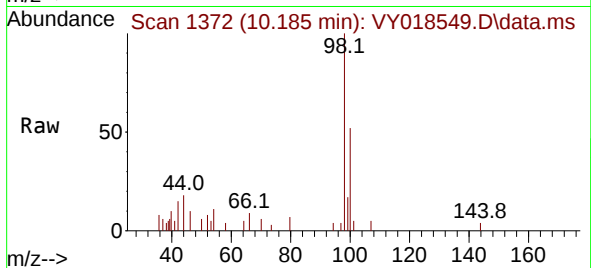
TR-04-060724

Tgt Ion: 98 Resp: 2740

Ion Ratio Lower Upper

98 100

100 75.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 15.256 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.012 min

Lab File: VY018549.D

Acq: 10 Jun 2024 14:36

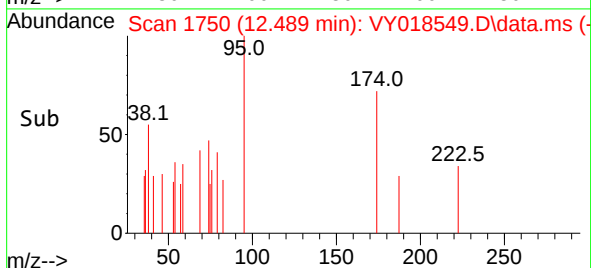
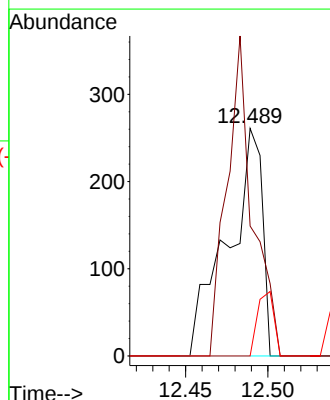
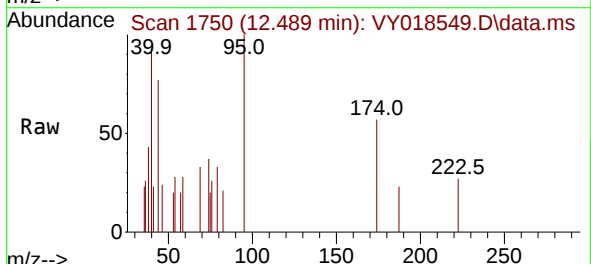
Tgt Ion: 95 Resp: 381

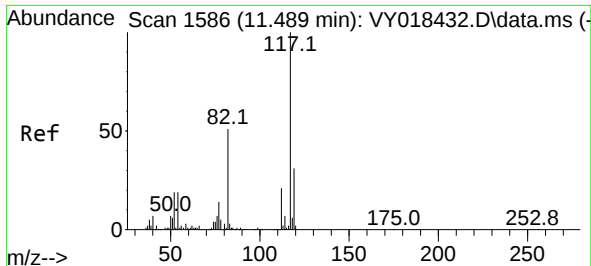
Ion Ratio Lower Upper

95 100

174 105.2 0.0 175.6

176 13.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018549.D

Acq: 10 Jun 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-060724

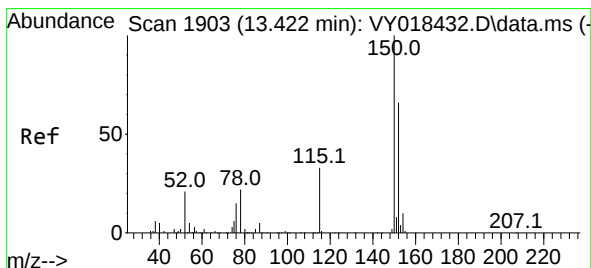
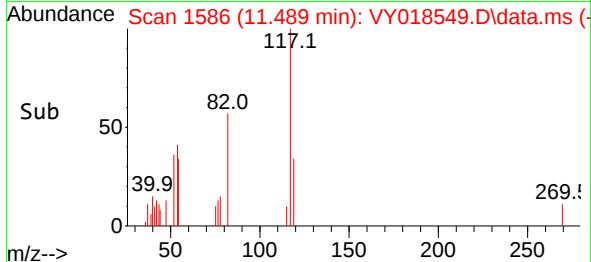
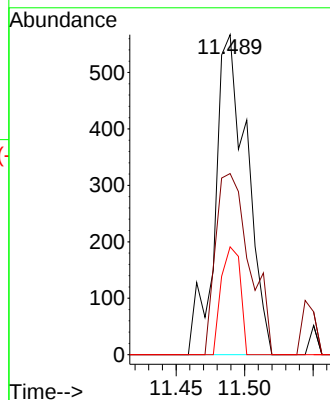
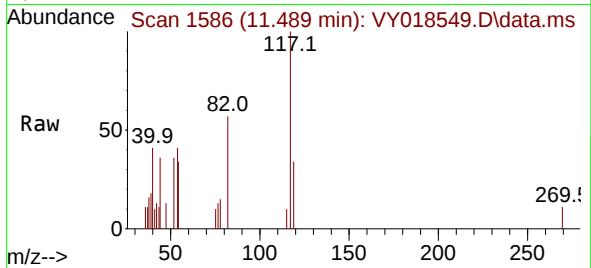
Tgt Ion:117 Resp: 913

Ion Ratio Lower Upper

117 100

82 56.6 42.4 63.6

119 33.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY018549.D

Acq: 10 Jun 2024 14:36

Tgt Ion:152 Resp: 78

Ion Ratio Lower Upper

152 100

115 25.6 28.2 84.7#

150 175.6 0.0 345.6

