

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050924\
 Data File : VY018209.D
 Acq On : 09 May 2024 14:08
 Operator : SY/MD
 Sample : P2414-01RE
 Misc : 4.50g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1011UMR-SS004-0212-01RE

Quant Time: May 10 01:17:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	128340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	231335	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	192916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70388	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	57158	60.539	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.080%
35) Dibromofluoromethane	7.710	113	65974	54.265	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.540%
50) Toluene-d8	10.179	98	259682	54.203	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.400%
62) 4-Bromofluorobenzene	12.483	95	75122	48.554	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.100%

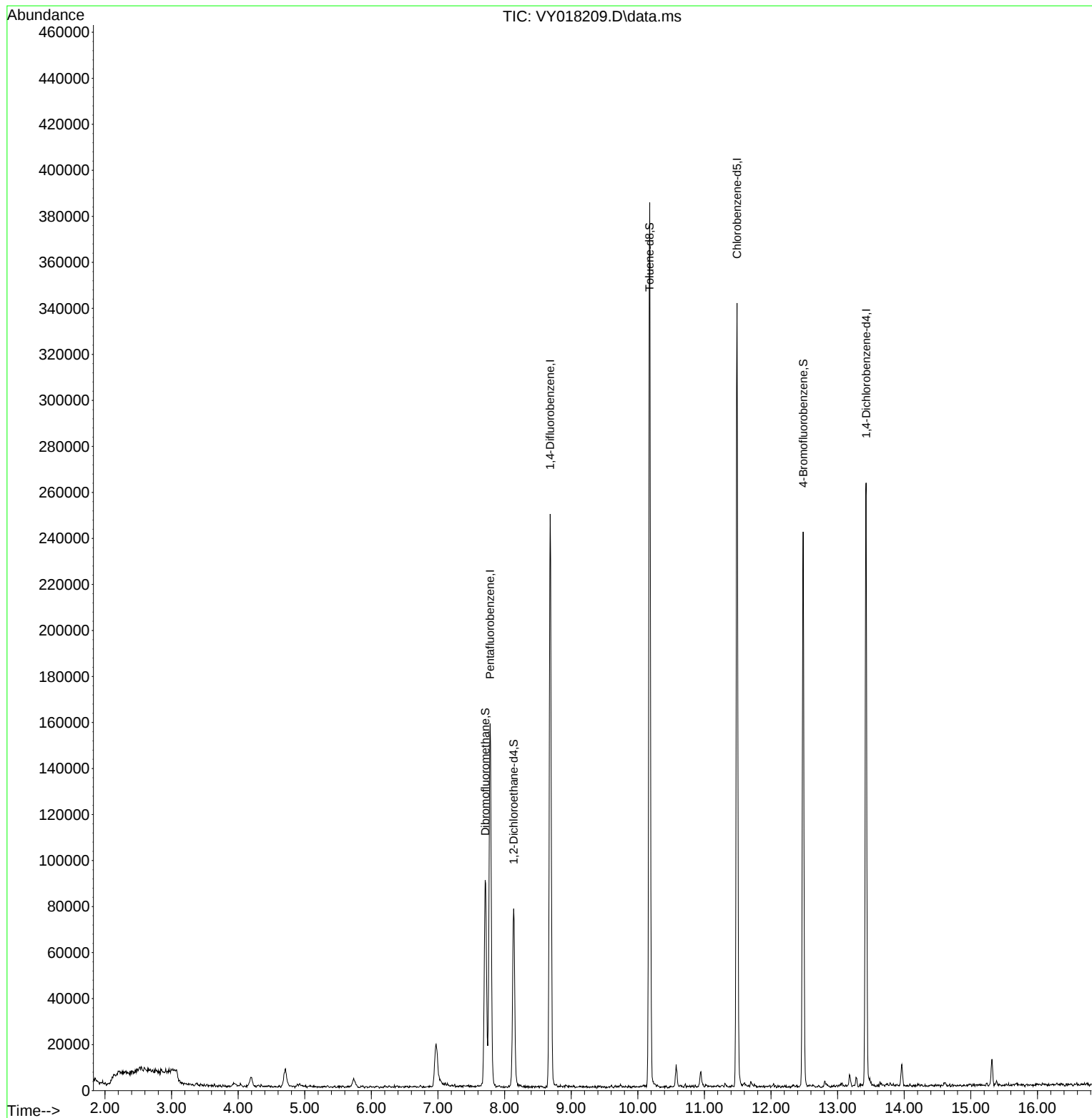
Target Compounds	Qvalue

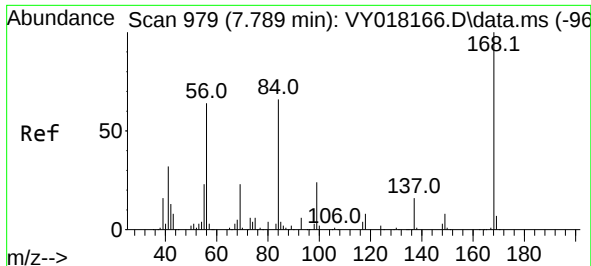
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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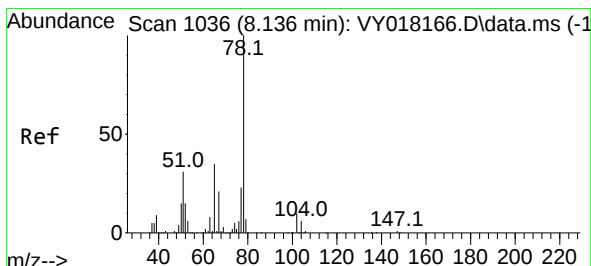
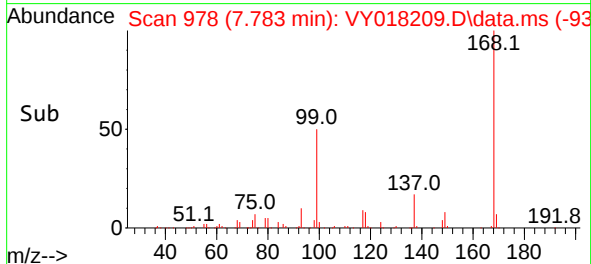
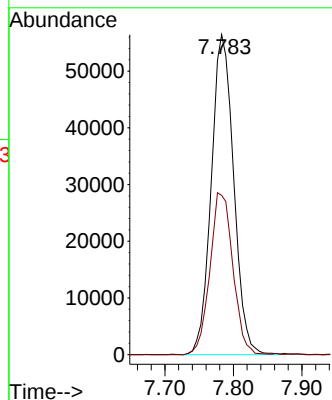
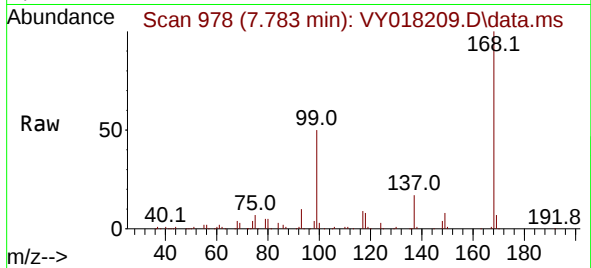




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018209.D
Acq: 09 May 2024 14:08

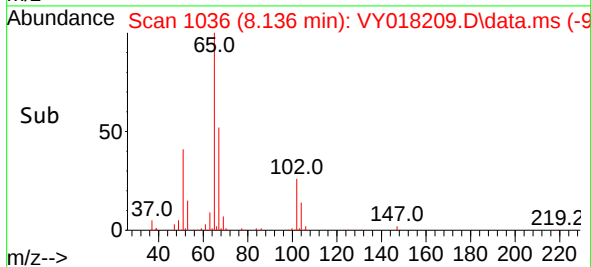
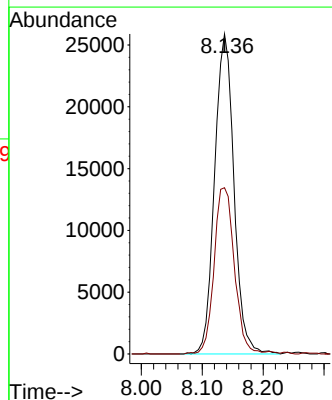
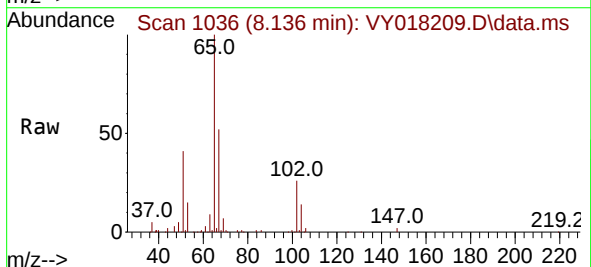
Instrument :
MSVOA_Y
ClientSampleId :
1011UMR-SS004-0212-01RE

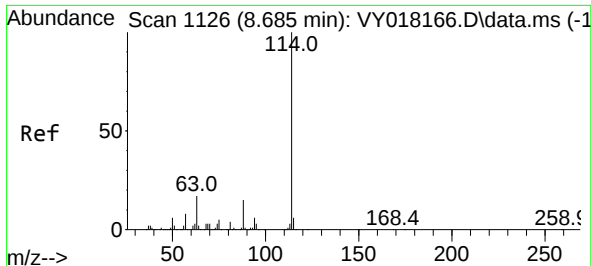
Tgt Ion:168 Resp: 128340
Ion Ratio Lower Upper
168 100
99 49.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 60.539 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018209.D
Acq: 09 May 2024 14:08

Tgt Ion: 65 Resp: 57158
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY018209.D

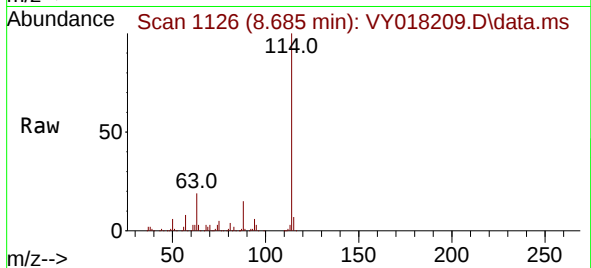
Acq: 09 May 2024 14:08

Instrument :

MSVOA_Y

ClientSampleId :

1011UMR-SS004-0212-01RE



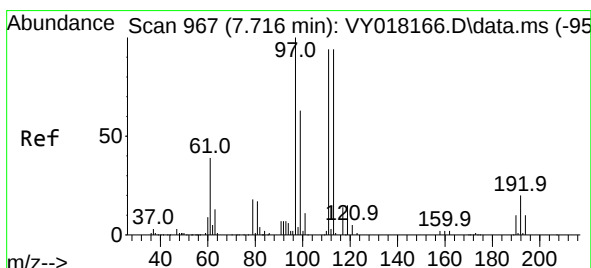
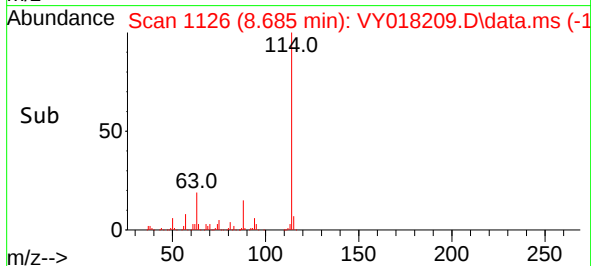
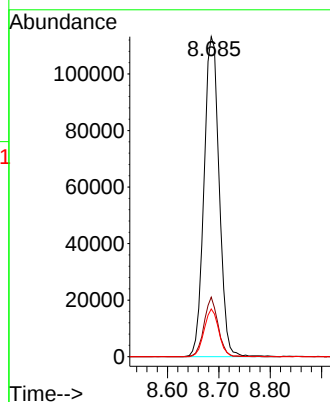
Tgt Ion:114 Resp: 231335

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.0

88 14.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.265 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY018209.D

Acq: 09 May 2024 14:08

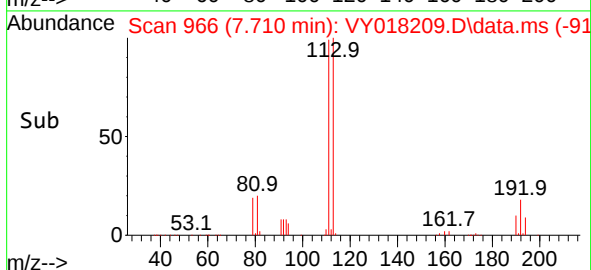
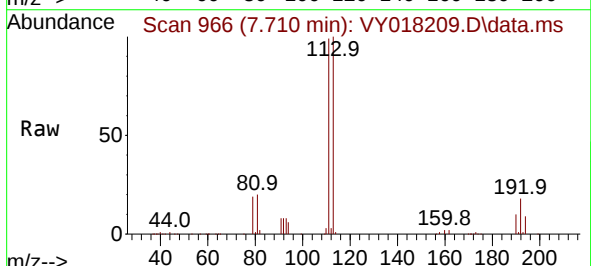
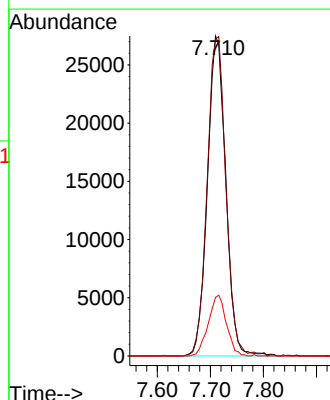
Tgt Ion:113 Resp: 65974

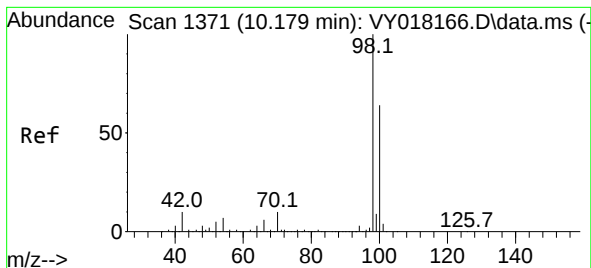
Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

192 18.8 15.9 23.9





#50

Toluene-d8

Concen: 54.203 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY018209.D

Acq: 09 May 2024 14:08

Instrument :

MSVOA_Y

ClientSampleId :

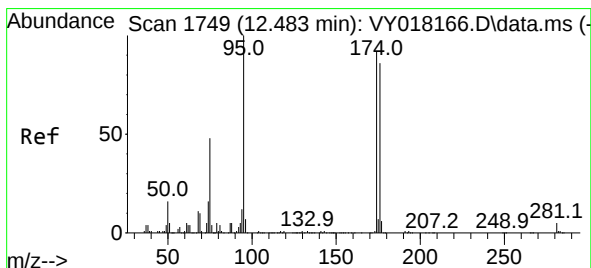
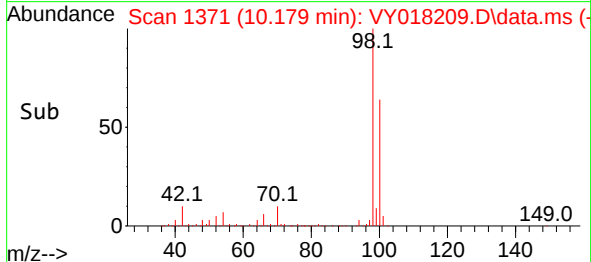
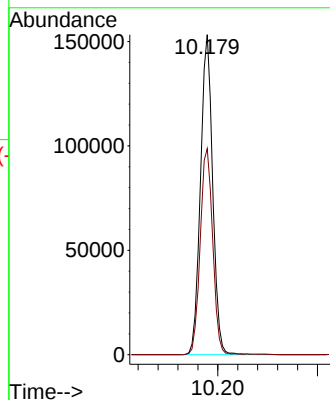
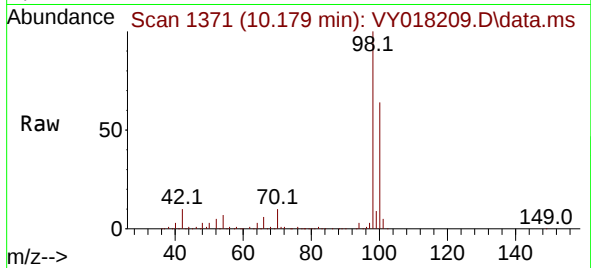
1011UMR-SS004-0212-01RE

Tgt Ion: 98 Resp: 259682

Ion Ratio Lower Upper

98 100

100 65.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 48.554 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018209.D

Acq: 09 May 2024 14:08

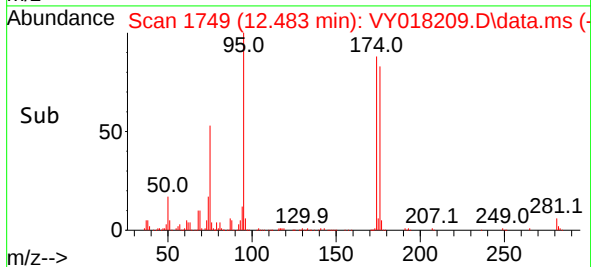
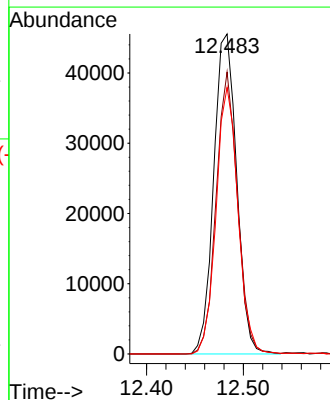
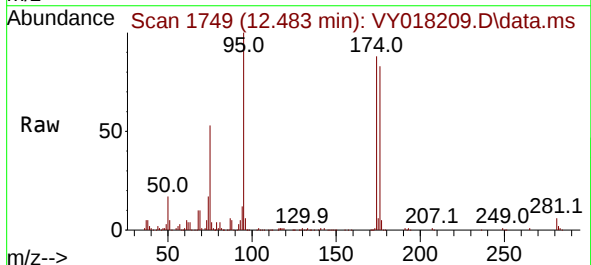
Tgt Ion: 95 Resp: 75122

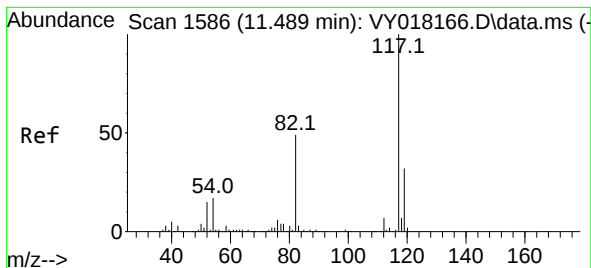
Ion Ratio Lower Upper

95 100

174 82.1 0.0 175.6

176 79.4 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: VY018209.D

Acq: 09 May 2024 14:08

Instrument :

MSVOA_Y

ClientSampleId :

1011UMR-SS004-0212-01RE

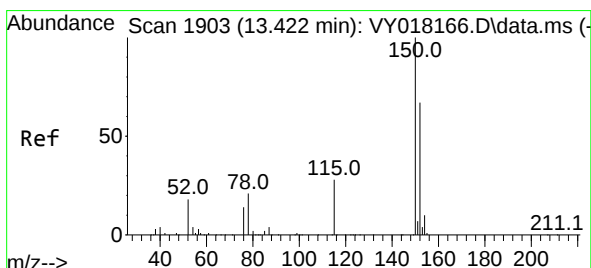
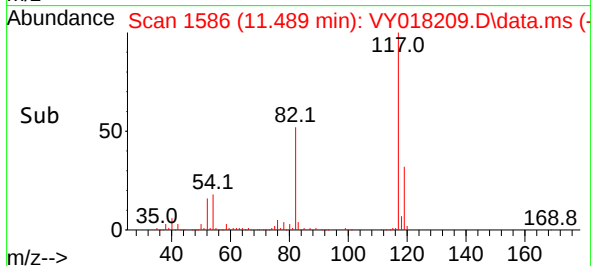
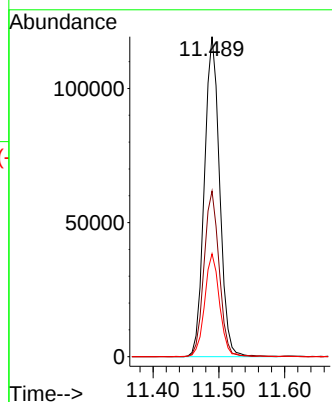
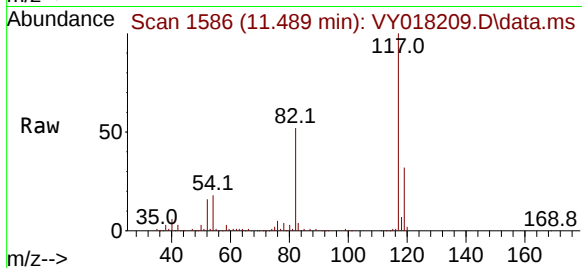
Tgt Ion:117 Resp: 192916

Ion Ratio Lower Upper

117 100

82 51.7 42.4 63.6

119 32.1 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018209.D

Acq: 09 May 2024 14:08

Tgt Ion:152 Resp: 70388

Ion Ratio Lower Upper

152 100

115 57.2 28.2 84.7

150 159.4 0.0 345.6

