

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060624\
 Data File : VY018512.D
 Acq On : 06 Jun 2024 18:05
 Operator : SY/MD
 Sample : P2707-06
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW-04

Quant Time: Jun 07 02:30:00 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	23352	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	47441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	40690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	13273	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	29204	63.681	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.360%
35) Dibromofluoromethane	7.704	113	25663	42.659	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.320%
50) Toluene-d8	10.173	98	96422	40.289	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.580%
62) 4-Bromofluorobenzene	12.477	95	26296	35.289	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.580%

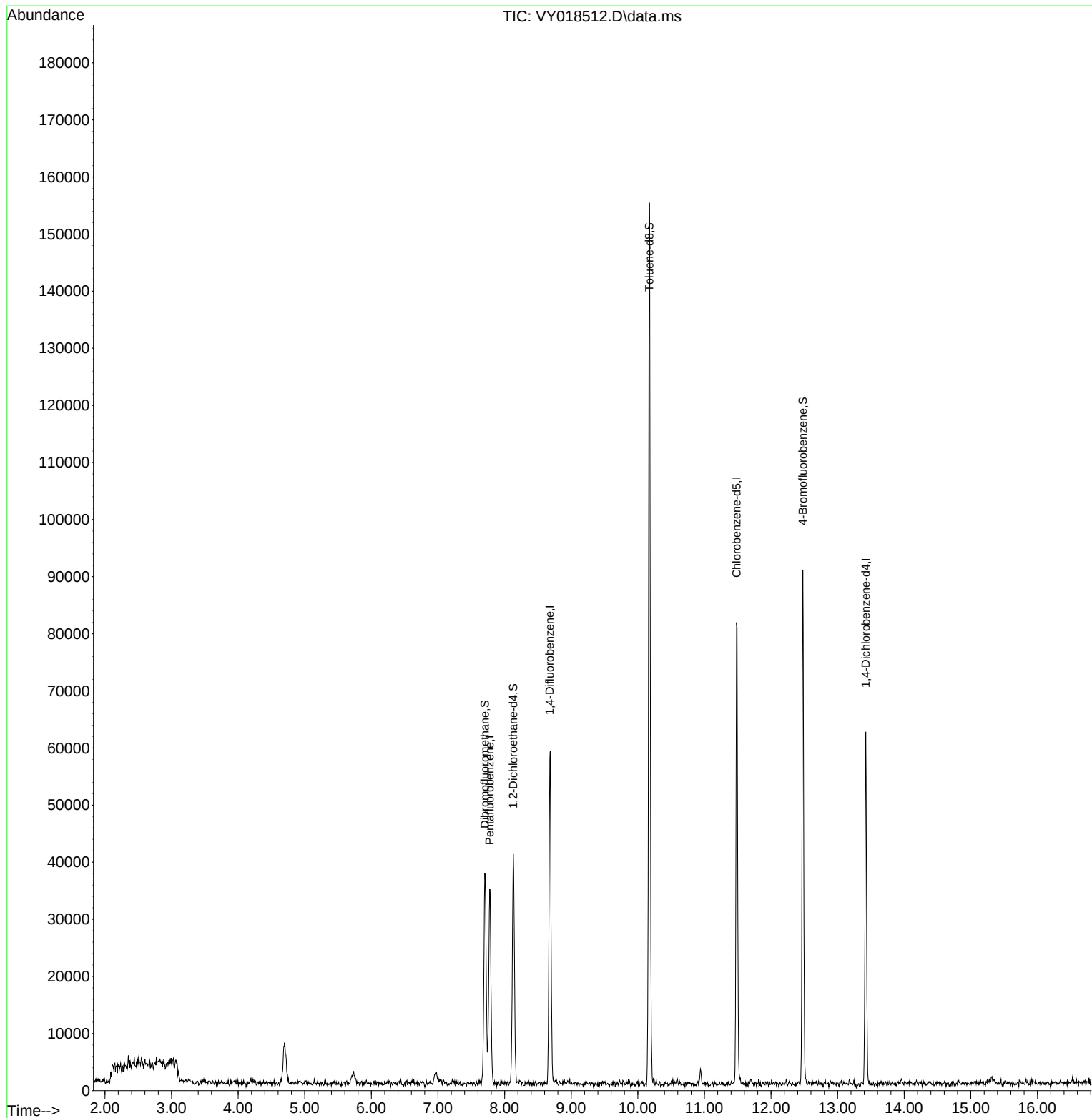
Target Compounds	Qvalue

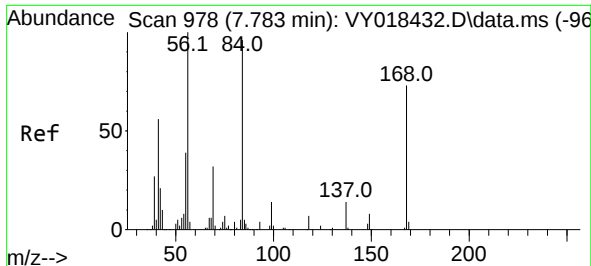
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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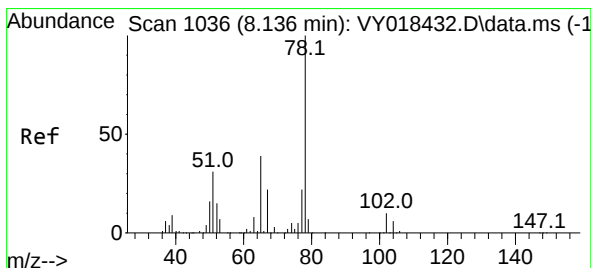
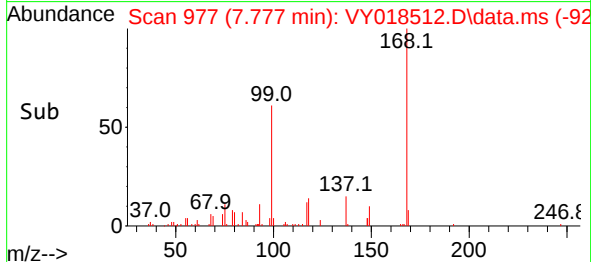
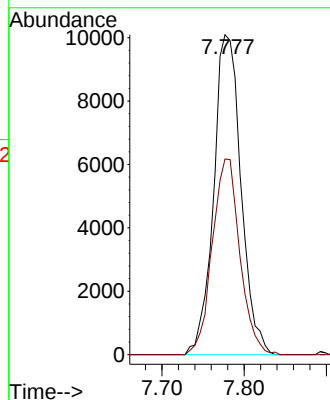
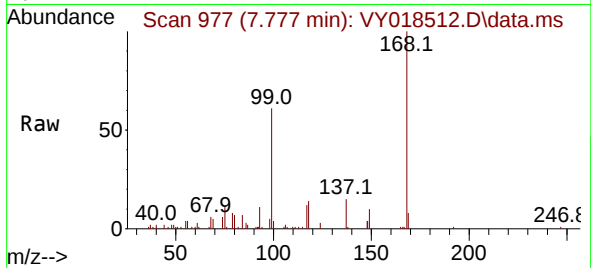




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018512.D
Acq: 06 Jun 2024 18:05

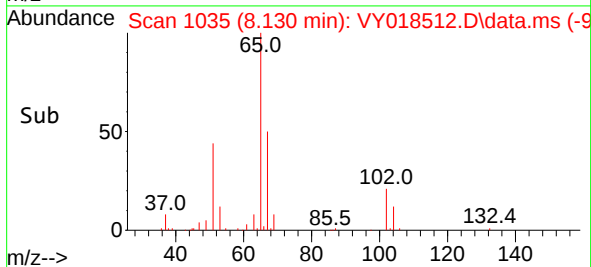
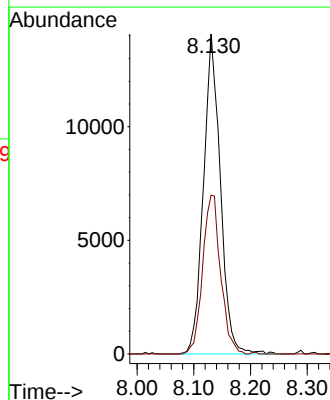
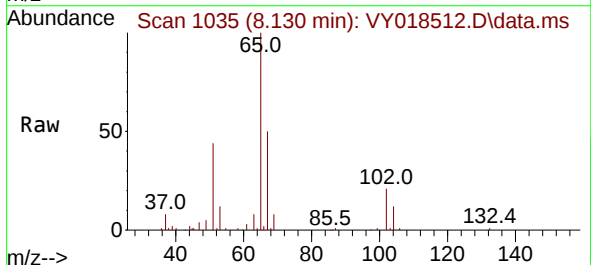
Instrument :
MSVOA_Y
ClientSampleId :
SW-04

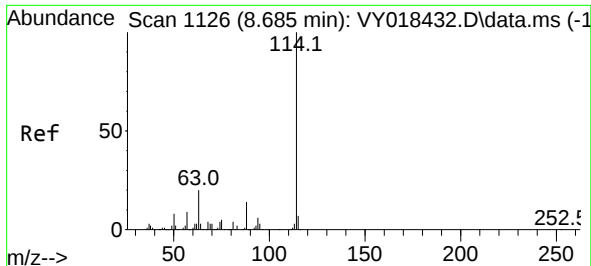
Tgt Ion:168 Resp: 23352
Ion Ratio Lower Upper
168 100
99 61.2 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 63.681 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018512.D
Acq: 06 Jun 2024 18:05

Tgt Ion: 65 Resp: 29204
Ion Ratio Lower Upper
65 100
67 52.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY018512.D

Acq: 06 Jun 2024 18:05

Instrument :

MSVOA_Y

ClientSampleId :

SW-04

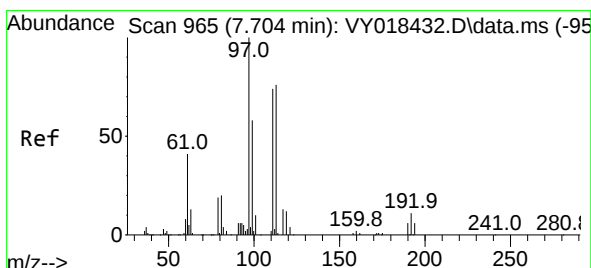
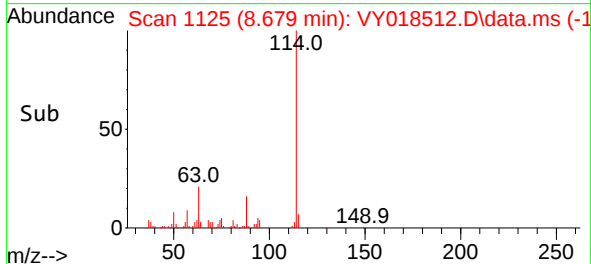
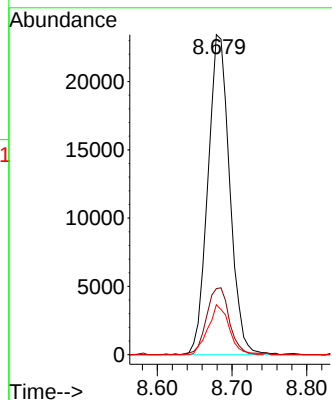
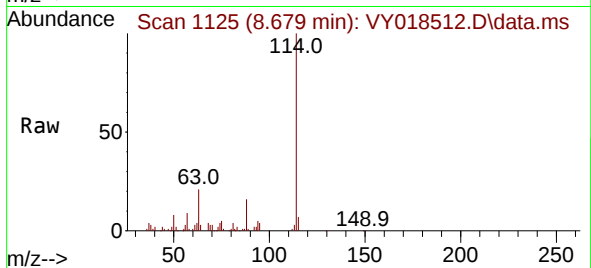
Tgt Ion:114 Resp: 47441

Ion Ratio Lower Upper

114 100

63 20.7 0.0 35.0

88 15.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 42.659 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY018512.D

Acq: 06 Jun 2024 18:05

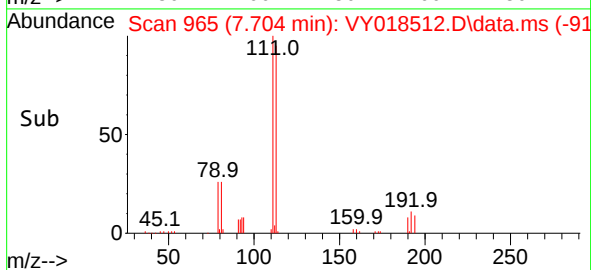
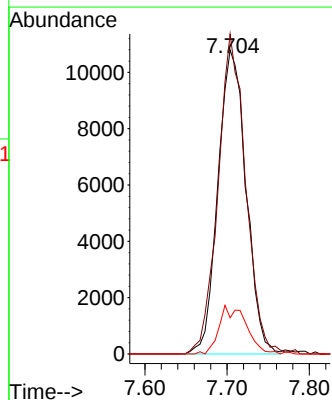
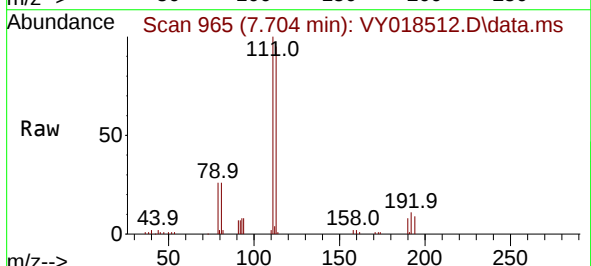
Tgt Ion:113 Resp: 25663

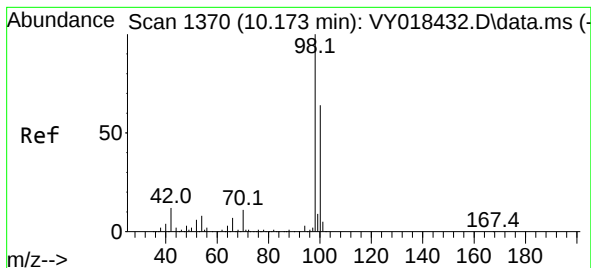
Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

192 15.3 15.9 23.9#





#50

Toluene-d8

Concen: 40.289 ug/l

RT: 10.173 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018512.D

Acq: 06 Jun 2024 18:05

Instrument :

MSVOA_Y

ClientSampleId :

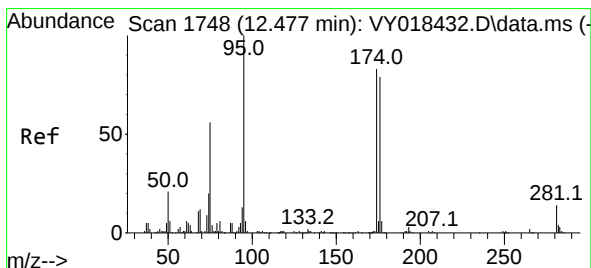
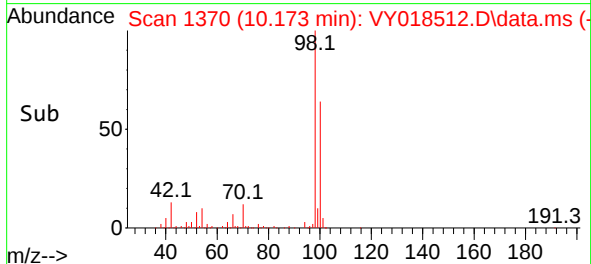
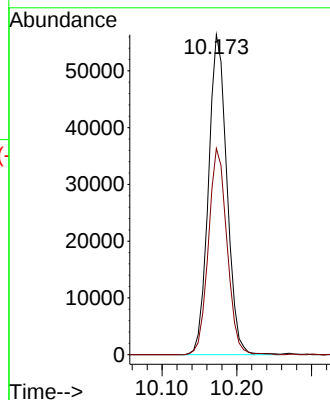
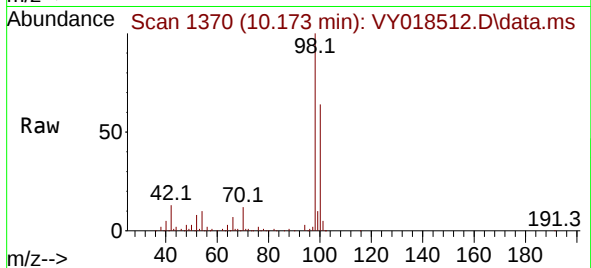
SW-04

Tgt Ion: 98 Resp: 96422

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 35.289 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY018512.D

Acq: 06 Jun 2024 18:05

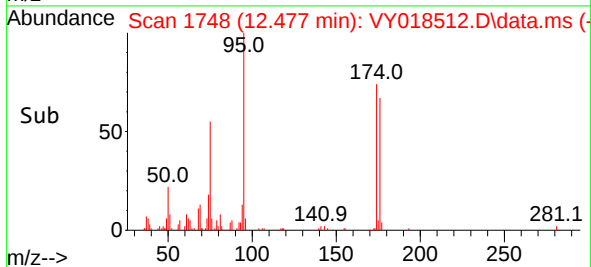
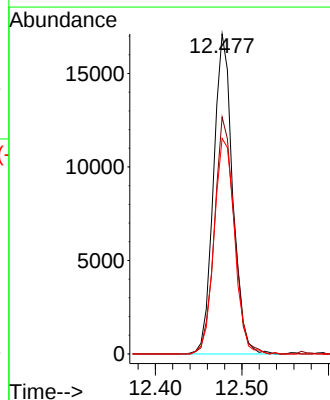
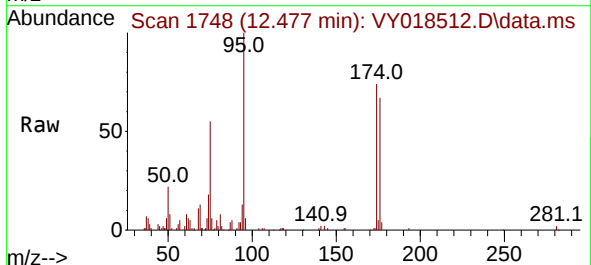
Tgt Ion: 95 Resp: 26296

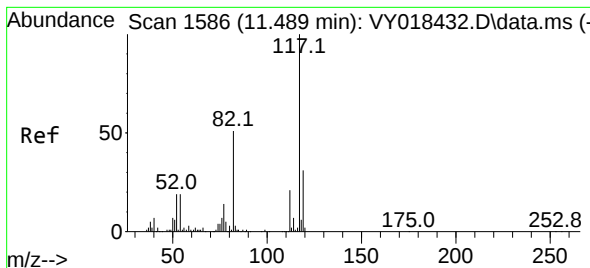
Ion Ratio Lower Upper

95 100

174 76.2 0.0 175.6

176 72.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018512.D

Acq: 06 Jun 2024 18:05

Instrument :

MSVOA_Y

ClientSampleId :

SW-04

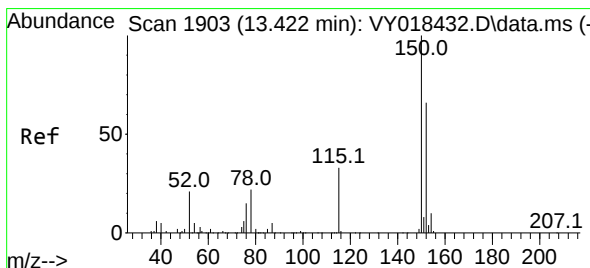
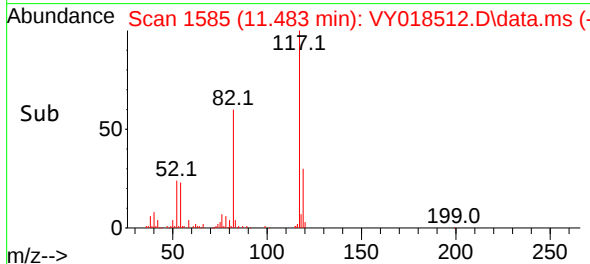
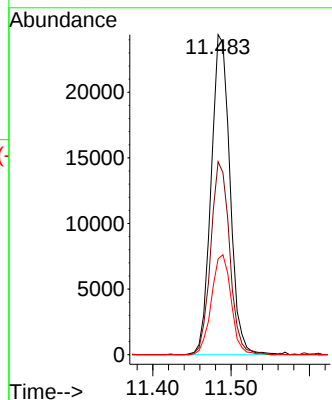
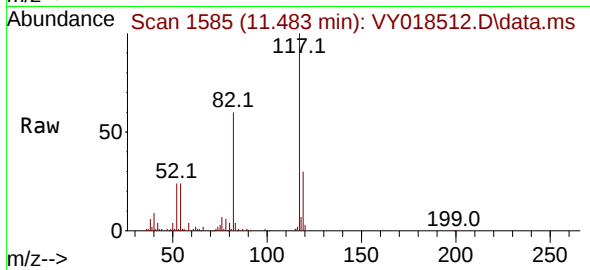
Tgt Ion:117 Resp: 40690

Ion Ratio Lower Upper

117 100

82 60.3 42.4 63.6

119 29.9 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: VY018512.D

Acq: 06 Jun 2024 18:05

Tgt Ion:152 Resp: 13273

Ion Ratio Lower Upper

152 100

115 61.0 28.2 84.7

150 164.4 0.0 345.6

