

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061924\
 Data File : VY018643.D
 Acq On : 19 Jun 2024 14:29
 Operator : SY/MD
 Sample : P2943-04
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11978

Quant Time: Jun 20 02:11:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	31103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	55796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	46381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	14689	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	16594	52.992	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.980%
35) Dibromofluoromethane	7.704	113	17074	50.164	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.320%
50) Toluene-d8	10.173	98	62846	48.013	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.020%
62) 4-Bromofluorobenzene	12.477	95	16493	39.904	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.800%

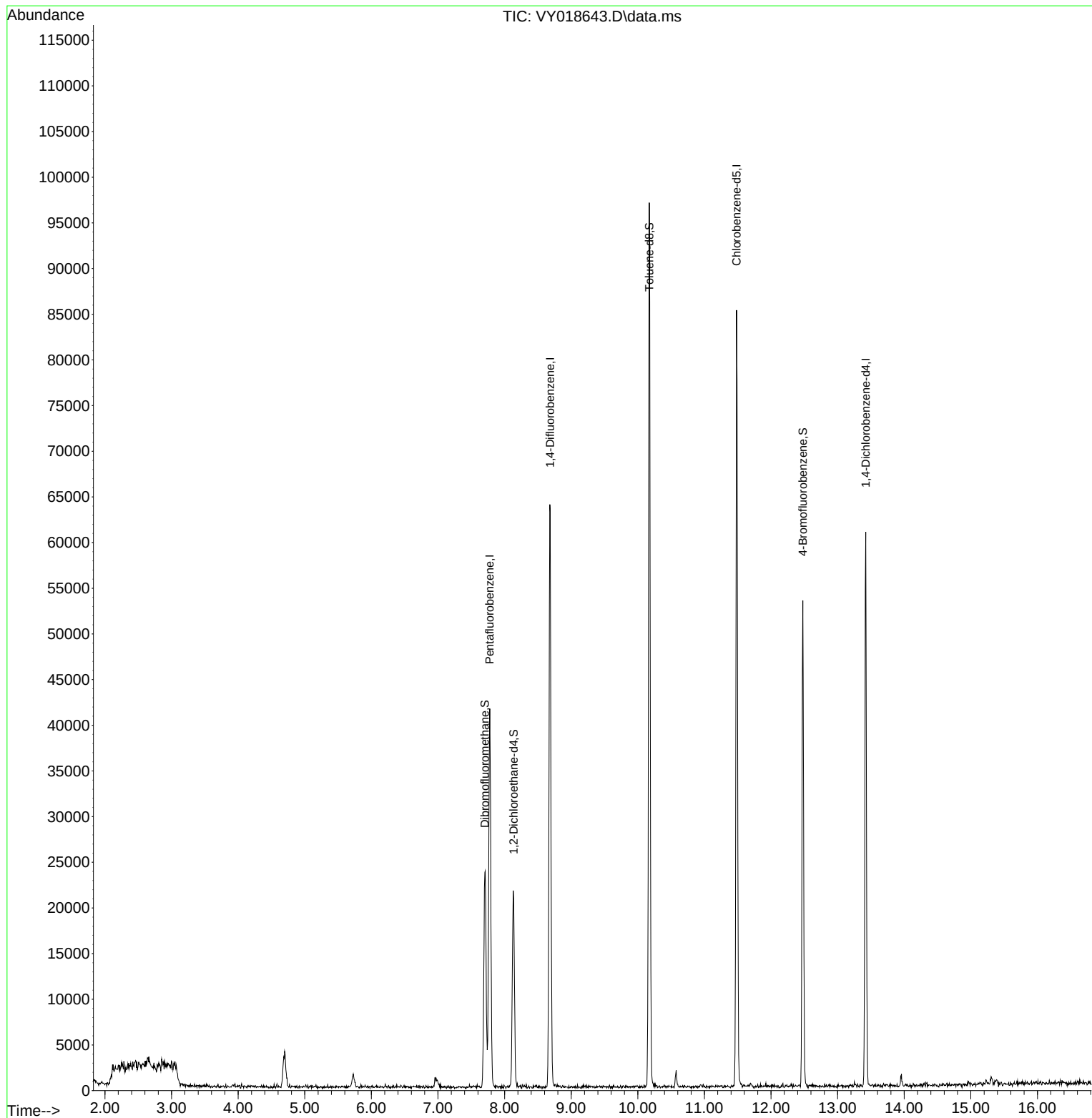
Target Compounds	Qvalue

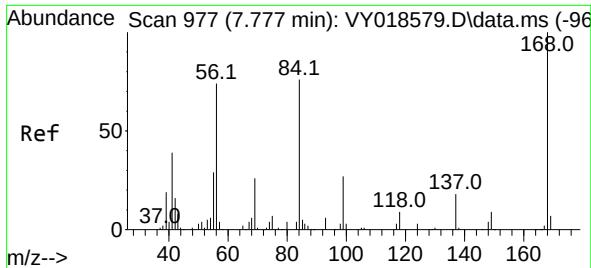
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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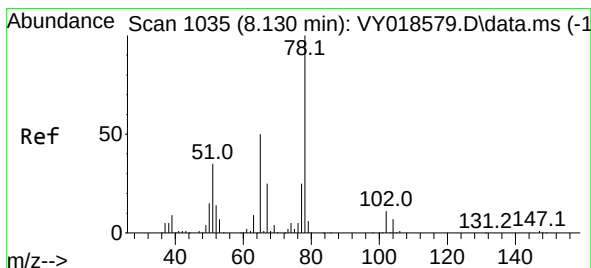
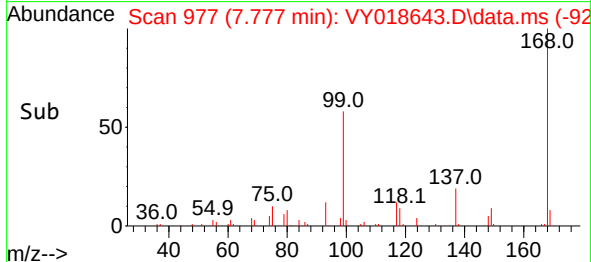
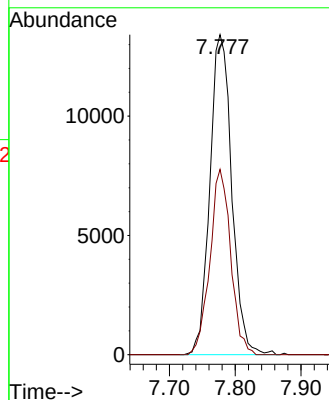
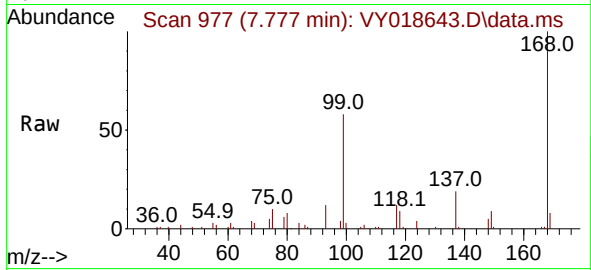




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018643.D
Acq: 19 Jun 2024 14:29

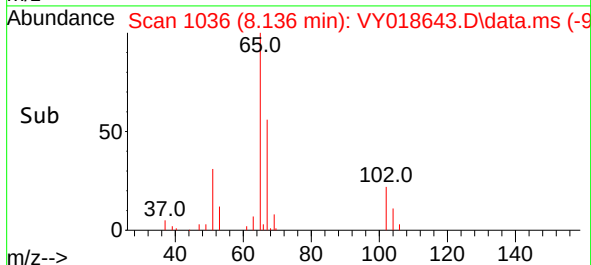
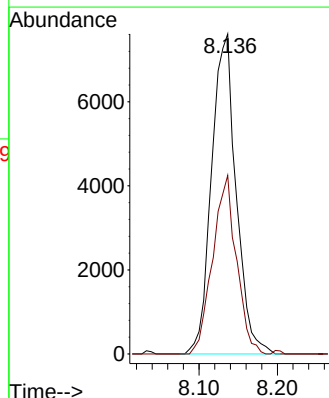
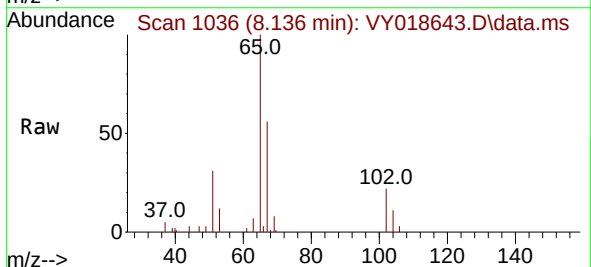
Instrument :
MSVOA_Y
ClientSampleId :
72-11978

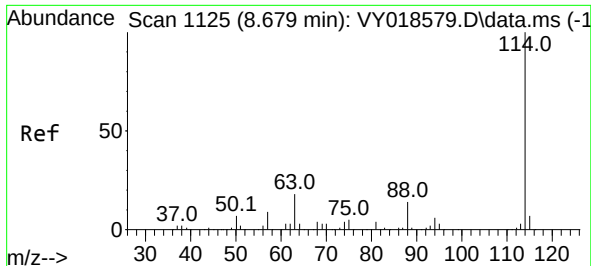
Tgt Ion:168 Resp: 31103
Ion Ratio Lower Upper
168 100
99 57.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 52.992 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY018643.D
Acq: 19 Jun 2024 14:29

Tgt Ion: 65 Resp: 16594
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY018643.D

Acq: 19 Jun 2024 14:29

Instrument :

MSVOA_Y

ClientSampleId :

72-11978

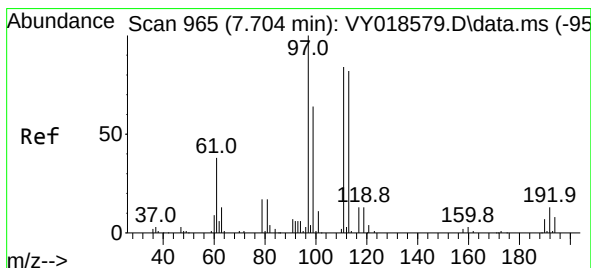
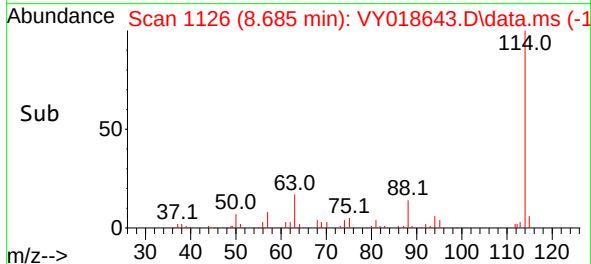
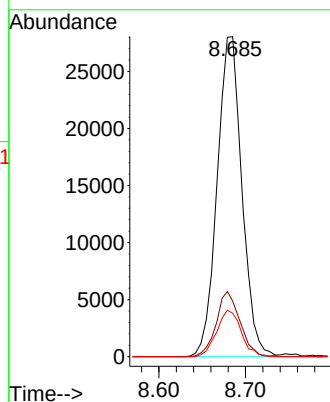
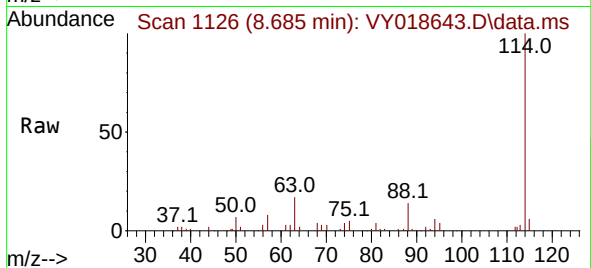
Tgt Ion:114 Resp: 55796

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

88 13.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.164 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018643.D

Acq: 19 Jun 2024 14:29

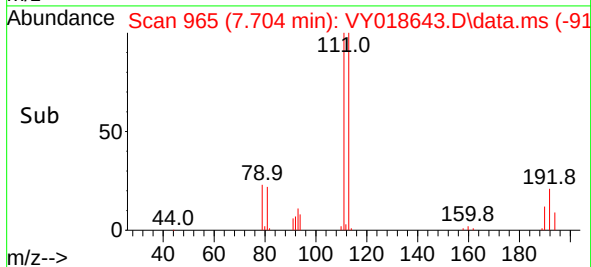
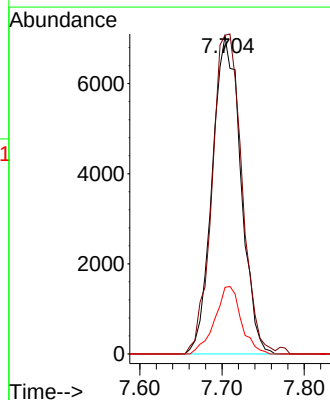
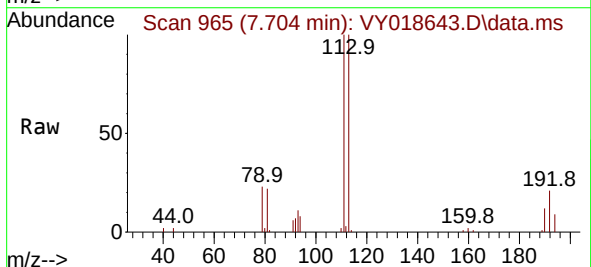
Tgt Ion:113 Resp: 17074

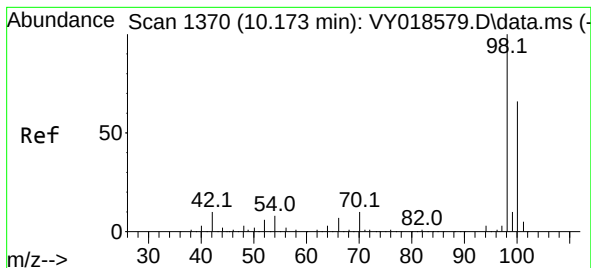
Ion Ratio Lower Upper

113 100

111 104.5 82.2 123.4

192 19.5 15.9 23.9





#50

Toluene-d8

Concen: 48.013 ug/l

RT: 10.173 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018643.D

Acq: 19 Jun 2024 14:29

Instrument :

MSVOA_Y

ClientSampleId :

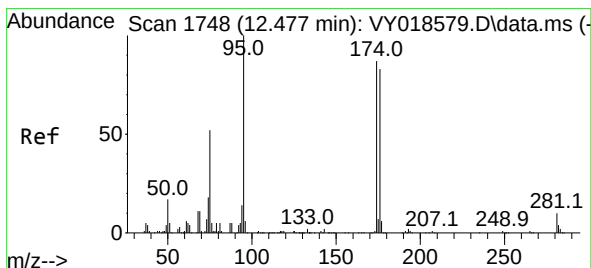
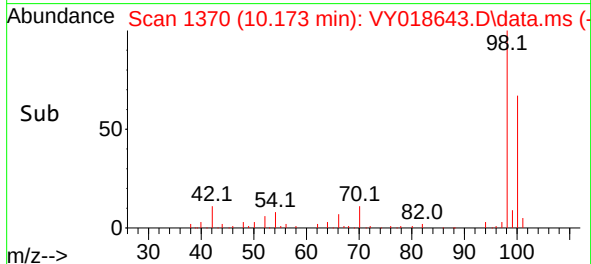
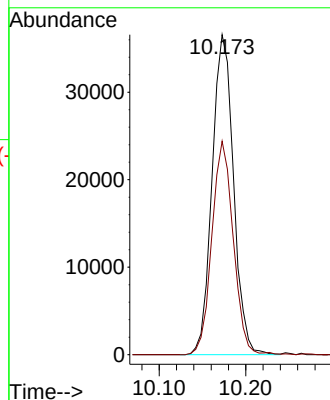
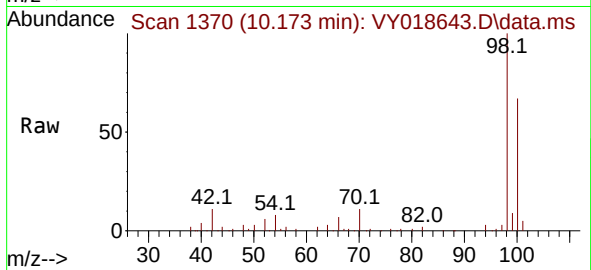
72-11978

Tgt Ion: 98 Resp: 62846

Ion Ratio Lower Upper

98 100

100 66.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 39.904 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018643.D

Acq: 19 Jun 2024 14:29

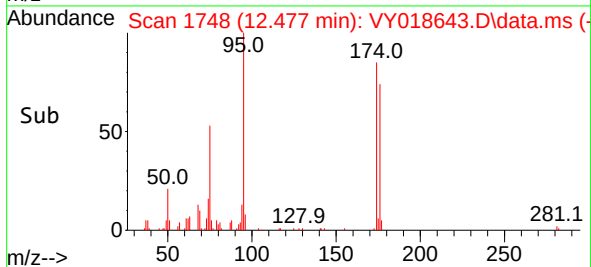
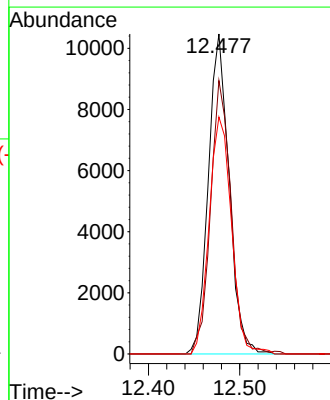
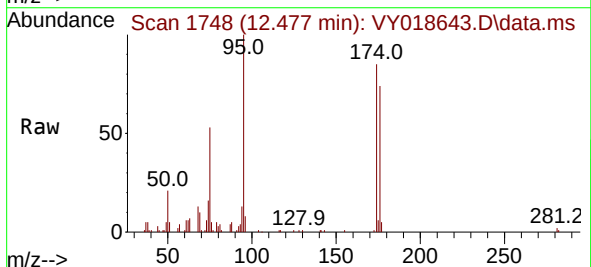
Tgt Ion: 95 Resp: 16493

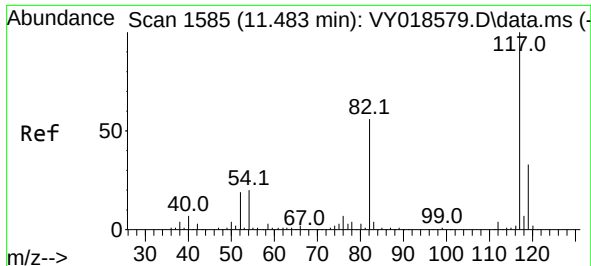
Ion Ratio Lower Upper

95 100

174 84.5 0.0 175.6

176 79.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018643.D

Acq: 19 Jun 2024 14:29

Instrument :

MSVOA_Y

ClientSampleId :

72-11978

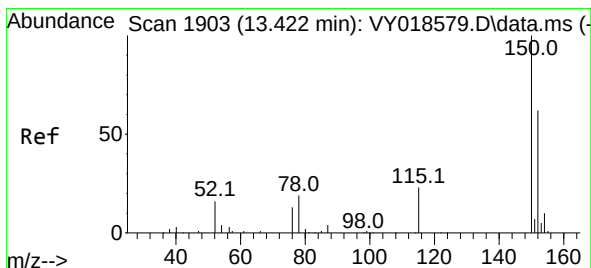
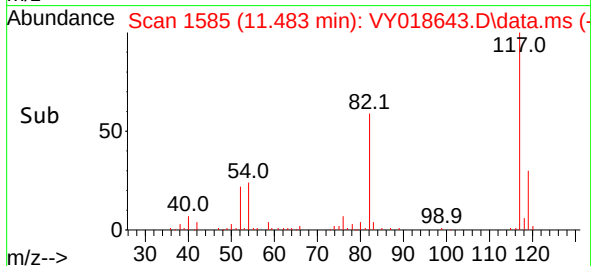
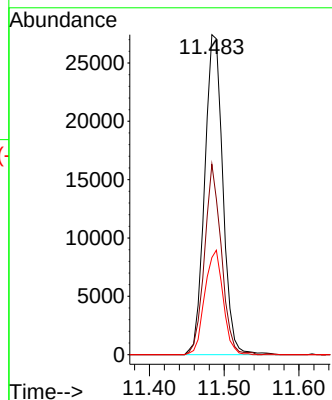
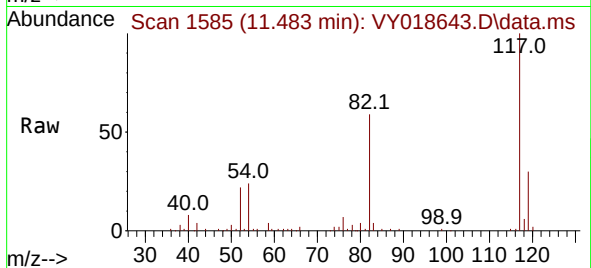
Tgt Ion:117 Resp: 46381

Ion Ratio Lower Upper

117 100

82 59.5 42.4 63.6

119 30.4 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: VY018643.D

Acq: 19 Jun 2024 14:29

Tgt Ion:152 Resp: 14689

Ion Ratio Lower Upper

152 100

115 61.3 28.2 84.7

150 163.3 0.0 345.6

