

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018446.D
 Acq On : 03 Jun 2024 17:29
 Operator : SY/MD
 Sample : P2687-07
 Misc : 3.12g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11998

Quant Time: Jun 04 05:43:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 05:38:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	73484	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	148564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	134405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	48865	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	45954	31.844	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	63.680%
35) Dibromofluoromethane	7.704	113	44281	23.505	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	47.020%#
50) Toluene-d8	10.173	98	178554	23.824	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	47.640%#
62) 4-Bromofluorobenzene	12.477	95	53149	22.777	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	45.560%

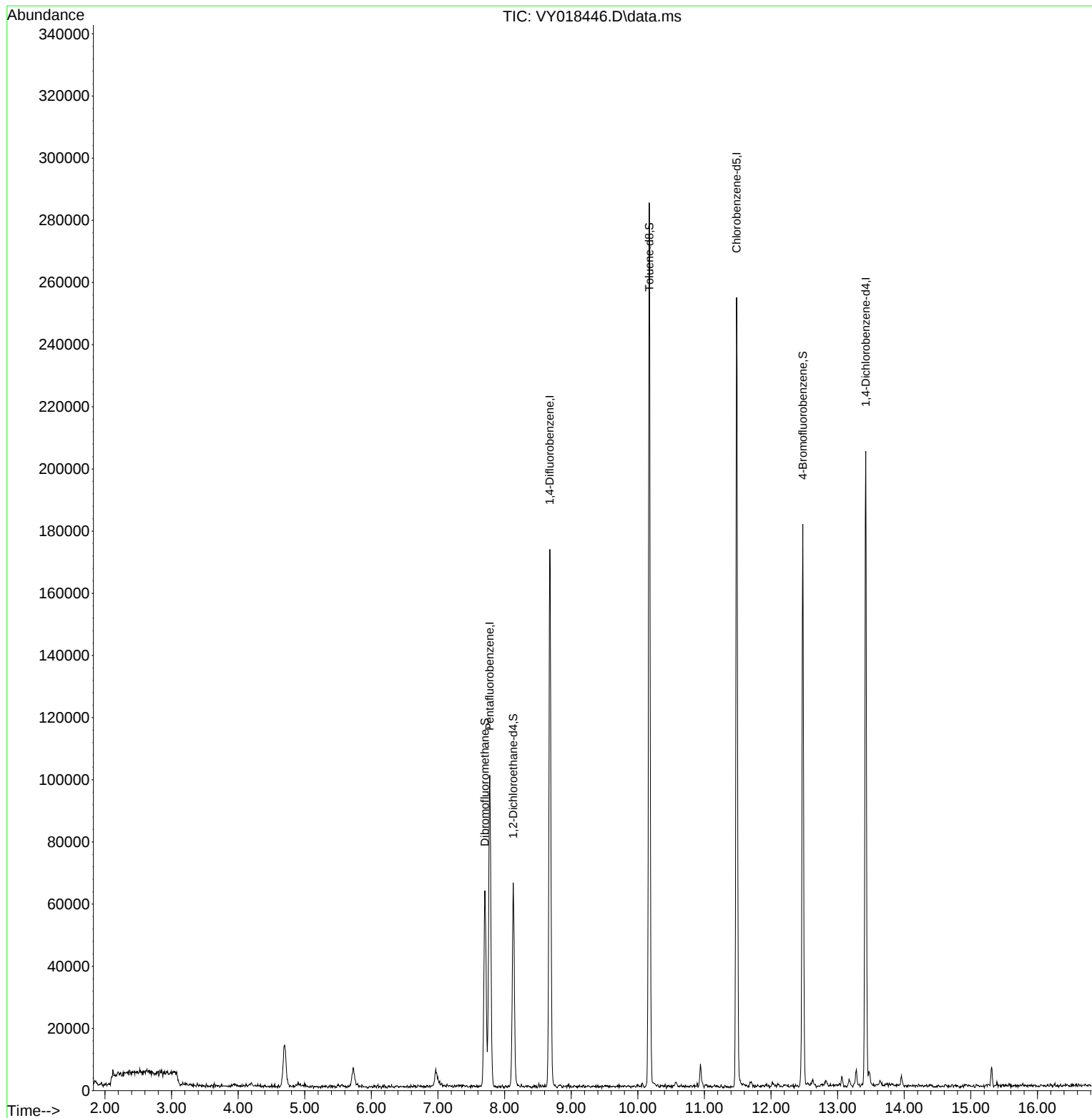
Target Compounds	Qvalue

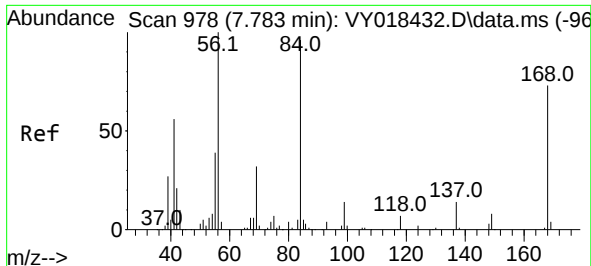
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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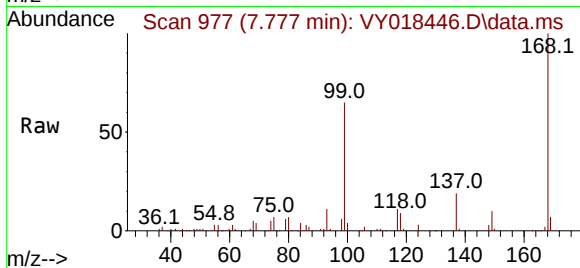
Quant Time: Jun 04 05:43:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
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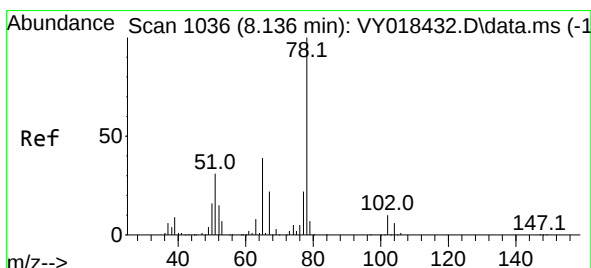
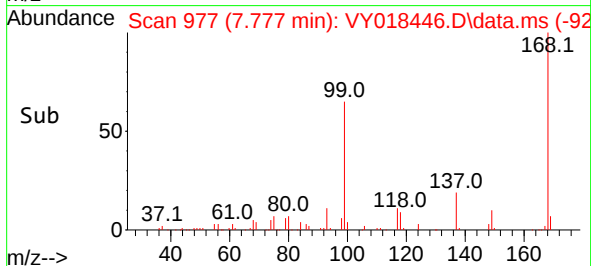
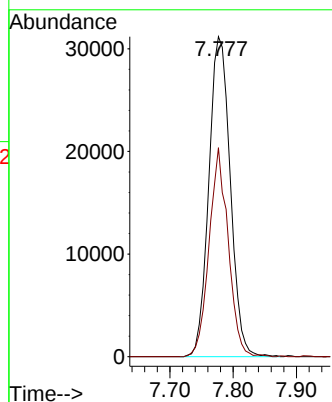


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018446.D
Acq: 03 Jun 2024 17:29

Instrument :
MSVOA_Y
ClientSampleId :
72-11998

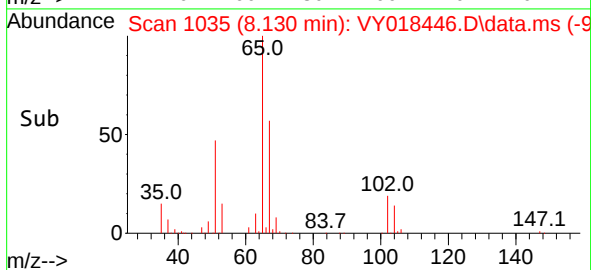
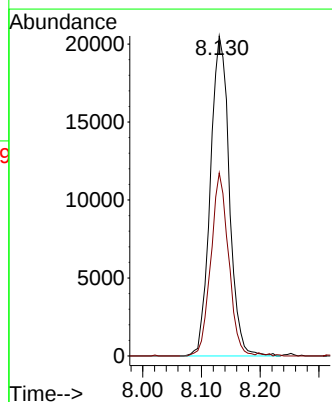
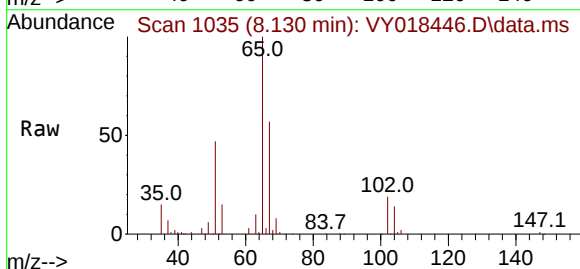


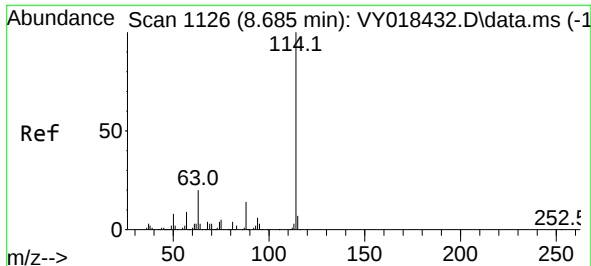
Tgt Ion:168 Resp: 73484
Ion Ratio Lower Upper
168 100
99 65.3 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 31.844 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018446.D
Acq: 03 Jun 2024 17:29

Tgt Ion: 65 Resp: 45954
Ion Ratio Lower Upper
65 100
67 53.4 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: VY018446.D

Acq: 03 Jun 2024 17:29

Instrument :

MSVOA_Y

ClientSampleId :

72-11998

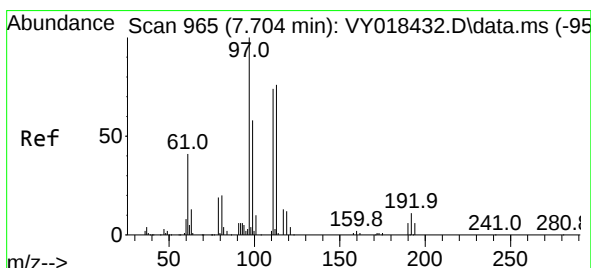
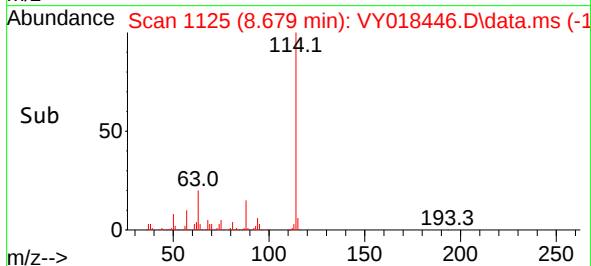
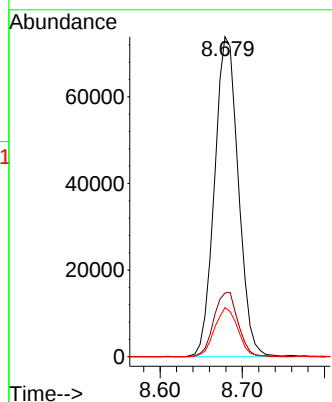
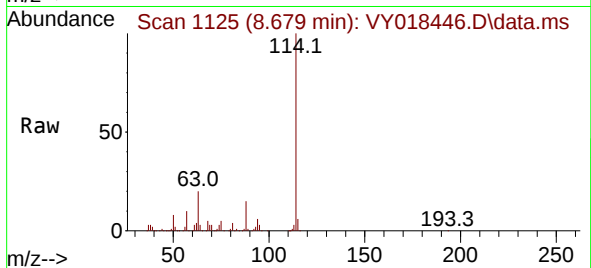
Tgt Ion:114 Resp: 148564

Ion Ratio Lower Upper

114 100

63 19.9 0.0 35.0

88 15.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 23.505 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY018446.D

Acq: 03 Jun 2024 17:29

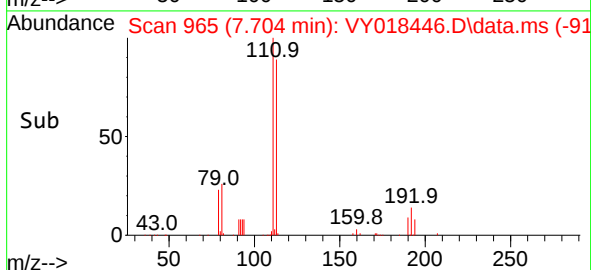
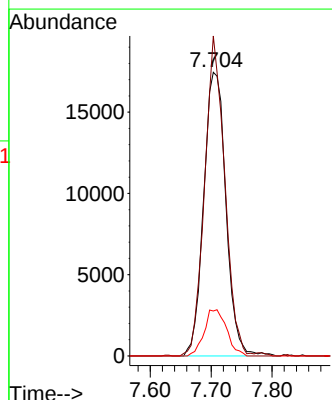
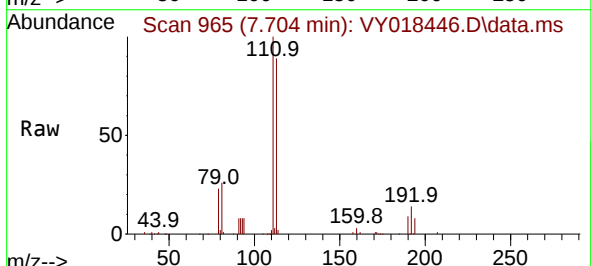
Tgt Ion:113 Resp: 44281

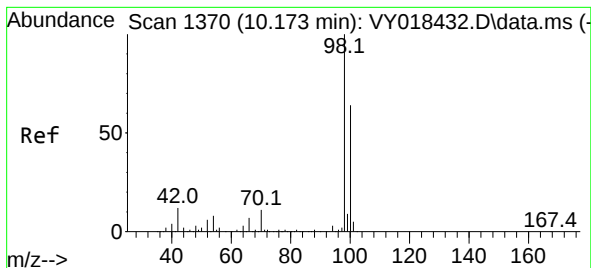
Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

192 16.4 15.9 23.9





#50

Toluene-d8

Concen: 23.824 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018446.D

Acq: 03 Jun 2024 17:29

Instrument :

MSVOA_Y

ClientSampleId :

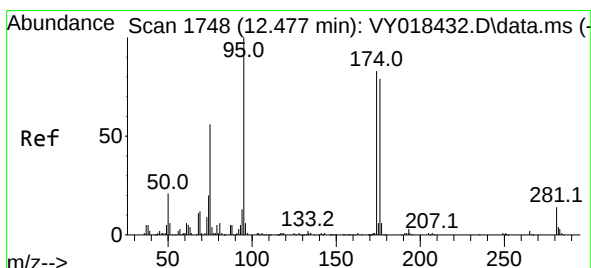
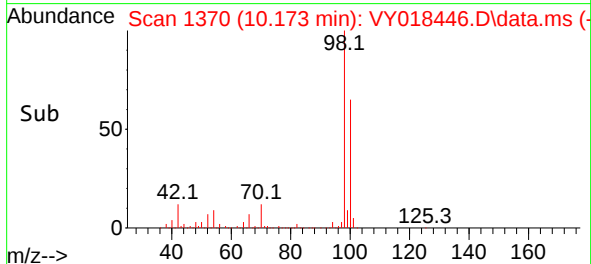
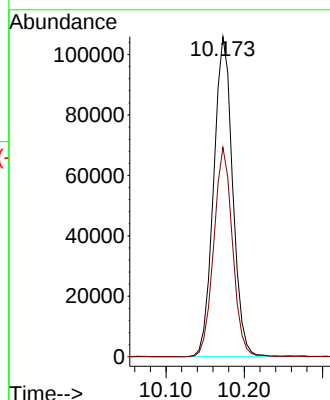
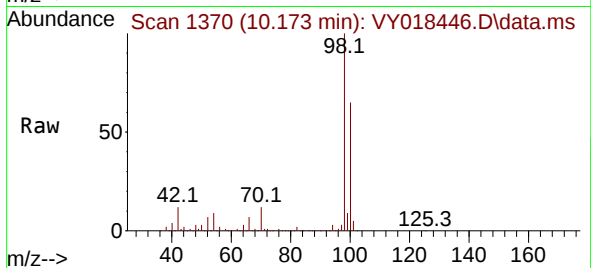
72-11998

Tgt Ion: 98 Resp: 178554

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 22.777 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY018446.D

Acq: 03 Jun 2024 17:29

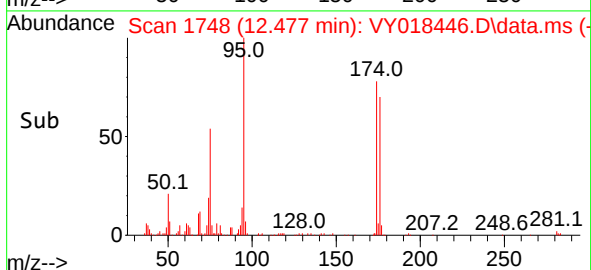
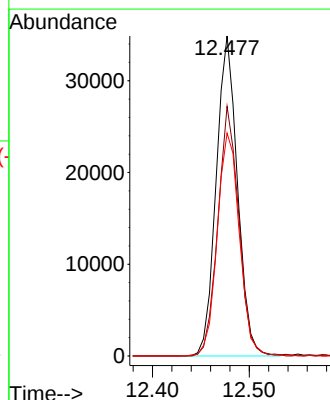
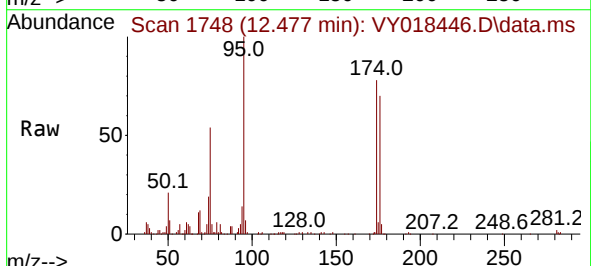
Tgt Ion: 95 Resp: 53149

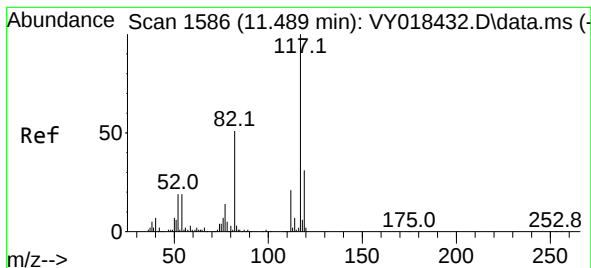
Ion Ratio Lower Upper

95 100

174 76.7 0.0 175.6

176 72.7 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: VY018446.D

Acq: 03 Jun 2024 17:29

Instrument :

MSVOA_Y

ClientSampleId :

72-11998

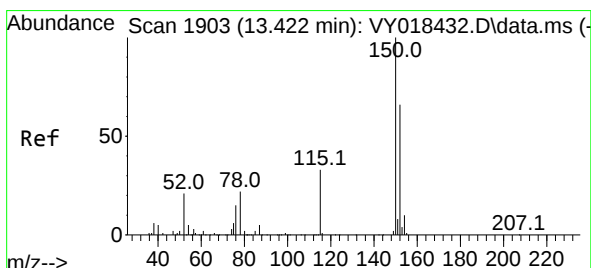
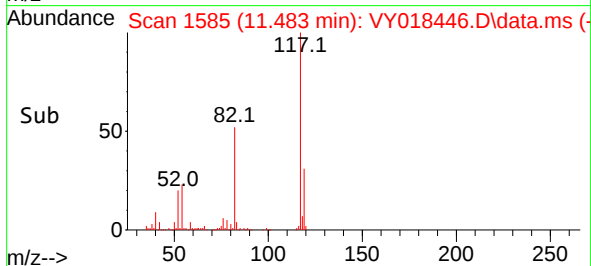
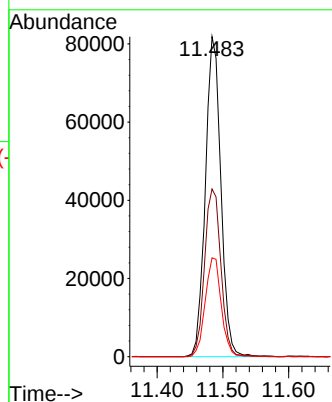
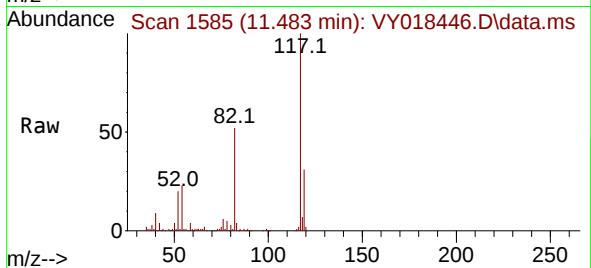
Tgt Ion:117 Resp: 134405

Ion Ratio Lower Upper

117 100

82 52.4 42.4 63.6

119 30.9 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: VY018446.D

Acq: 03 Jun 2024 17:29

Tgt Ion:152 Resp: 48865

Ion Ratio Lower Upper

152 100

115 63.3 28.2 84.7

150 160.5 0.0 345.6

