

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062424\
 Data File : VY018678.D
 Acq On : 24 Jun 2024 16:29
 Operator : SY/MD
 Sample : P3021-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ARS20-008

Quant Time: Jun 25 01:10:47 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	7.776	168	5371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	7510	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	4984	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	807	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	2026	37.467	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	74.940%
35) Dibromofluoromethane	7.703	113	2230	48.677	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.360%
50) Toluene-d8	10.178	98	7419	42.111	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.220%
62) 4-Bromofluorobenzene	12.483	95	1370	24.626	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	49.260%

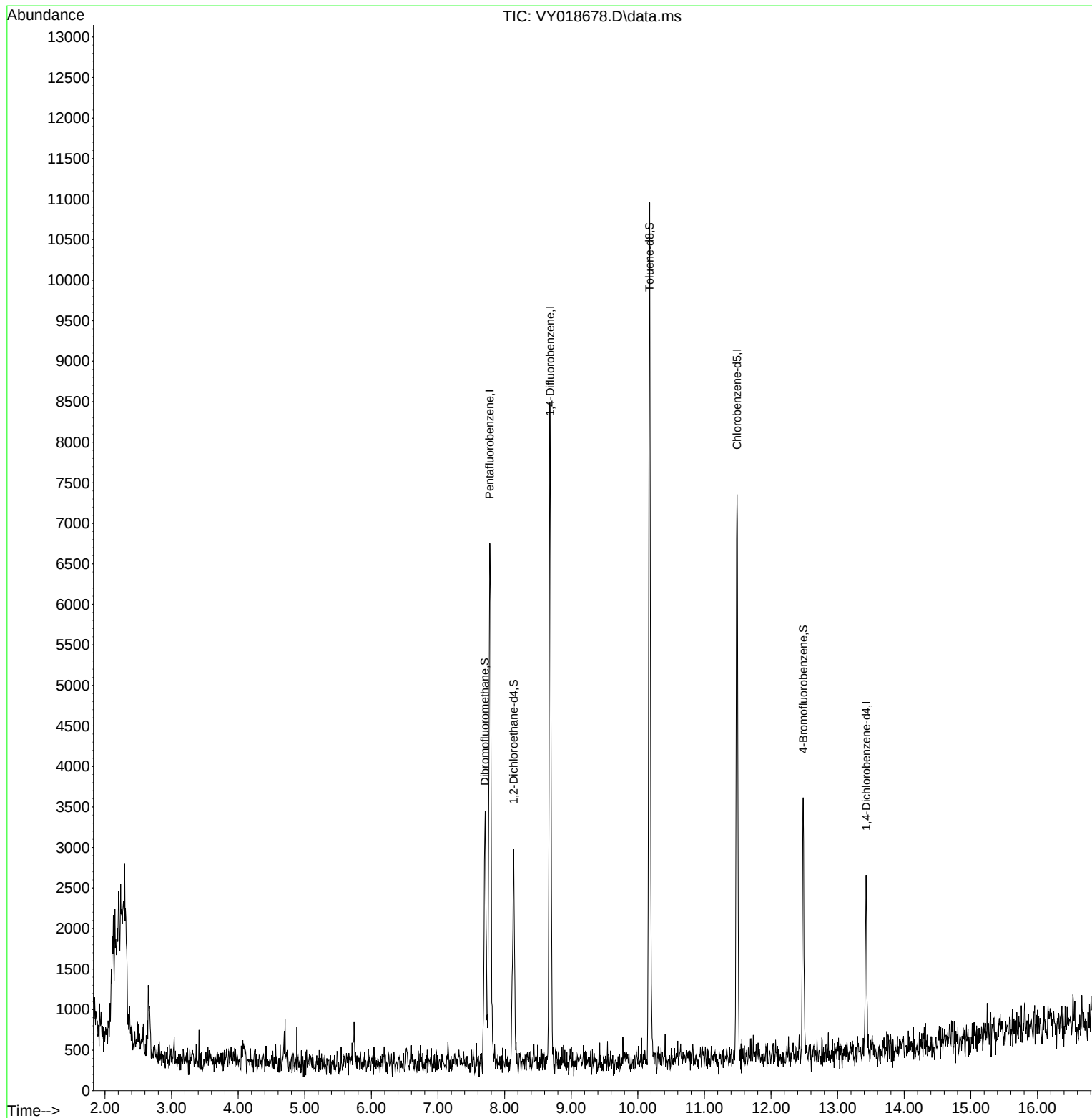
Target Compounds Qvalue

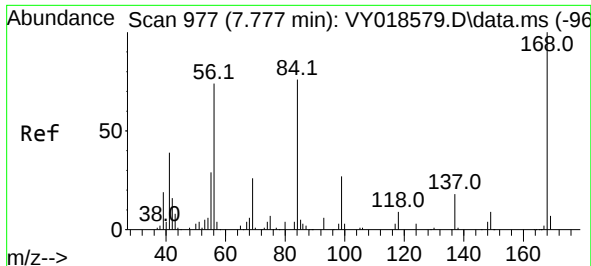
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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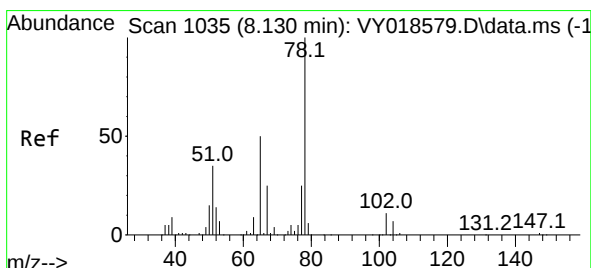
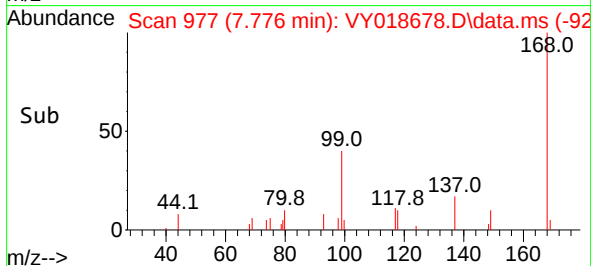
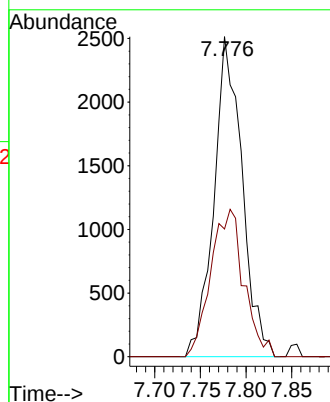
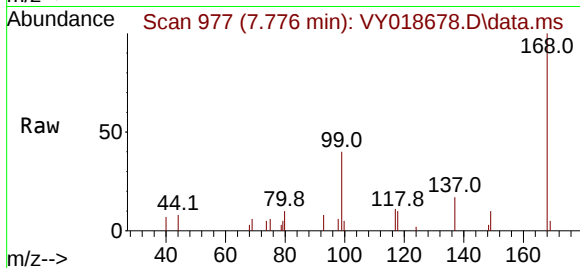




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY018678.D
Acq: 24 Jun 2024 16:29

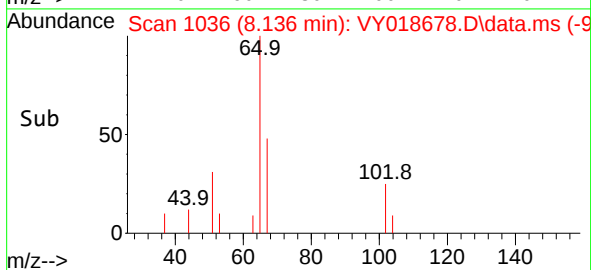
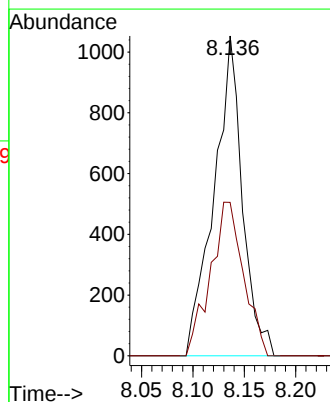
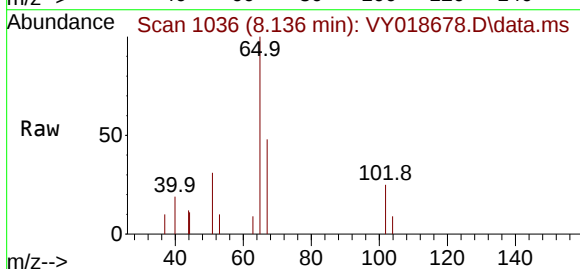
Instrument :
MSVOA_Y
ClientSampleId :
ARS20-008

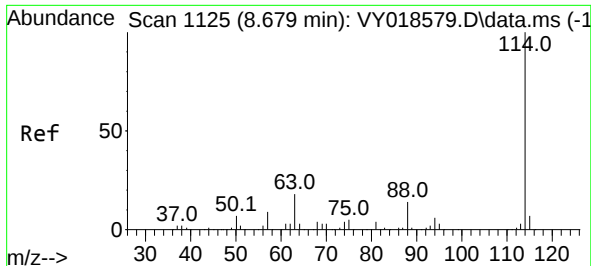
Tgt Ion:168 Resp: 5371
Ion Ratio Lower Upper
168 100
99 39.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 37.467 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY018678.D
Acq: 24 Jun 2024 16:29

Tgt Ion: 65 Resp: 2026
Ion Ratio Lower Upper
65 100
67 55.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VY018678.D

Acq: 24 Jun 2024 16:29

Instrument :

MSVOA_Y

ClientSampleId :

ARS20-008

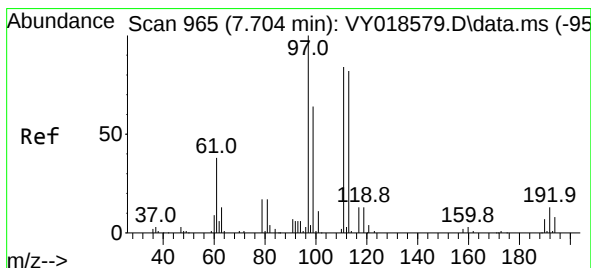
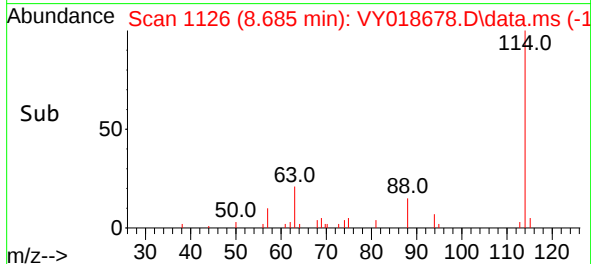
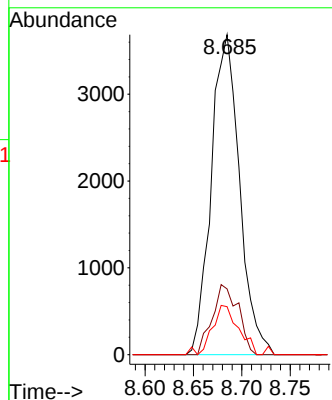
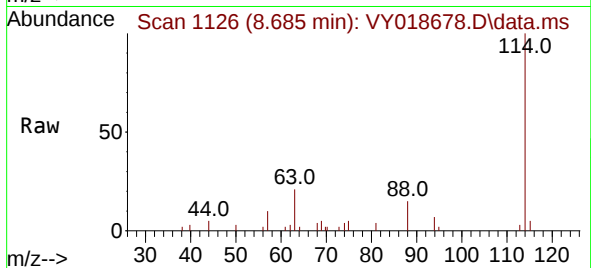
Tgt Ion:114 Resp: 7510

Ion Ratio Lower Upper

114 100

63 20.6 0.0 35.0

88 15.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.677 ug/l

RT: 7.703 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY018678.D

Acq: 24 Jun 2024 16:29

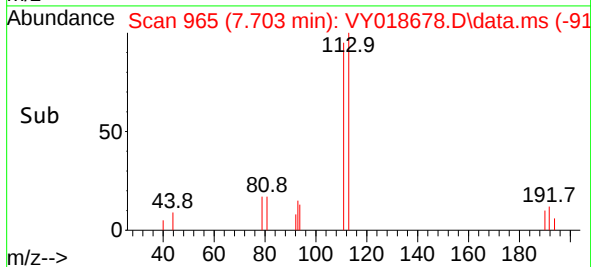
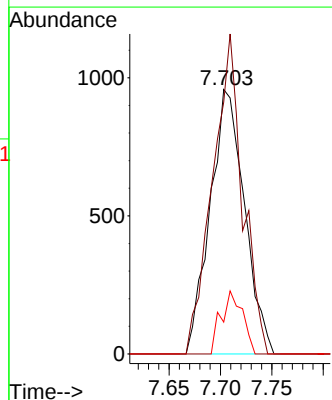
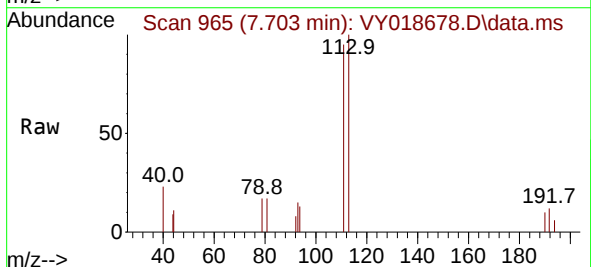
Tgt Ion:113 Resp: 2230

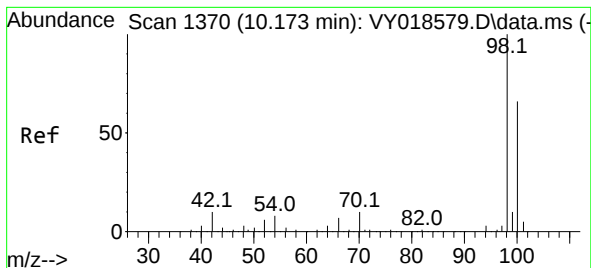
Ion Ratio Lower Upper

113 100

111 105.2 82.2 123.4

192 14.8 15.9 23.9#





#50

Toluene-d8

Concen: 42.111 ug/l

RT: 10.178 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018678.D

Acq: 24 Jun 2024 16:29

Instrument :

MSVOA_Y

ClientSampleId :

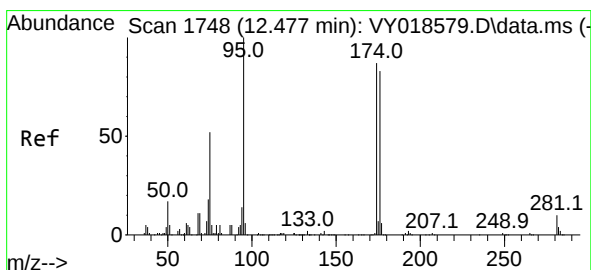
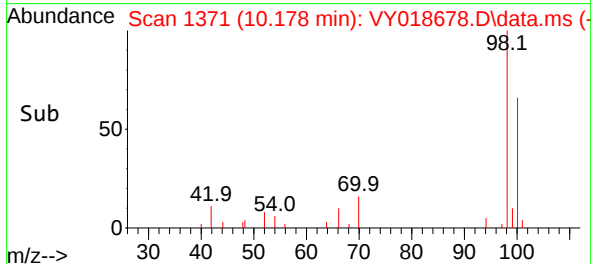
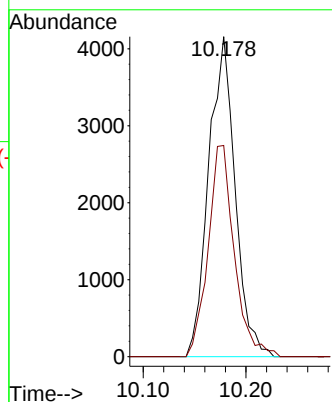
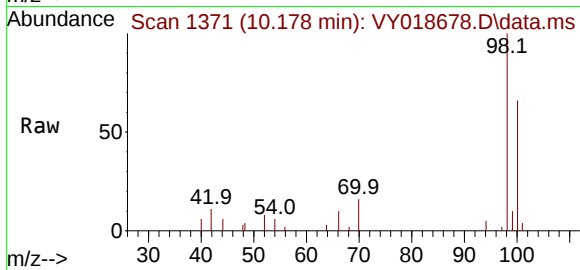
ARS20-008

Tgt Ion: 98 Resp: 7419

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 24.626 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY018678.D

Acq: 24 Jun 2024 16:29

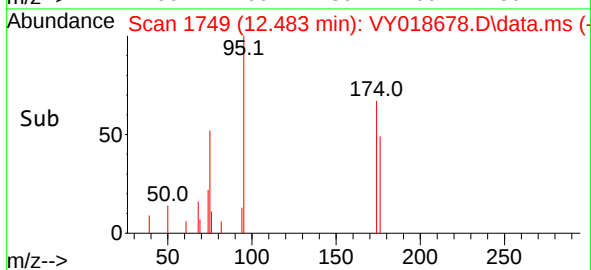
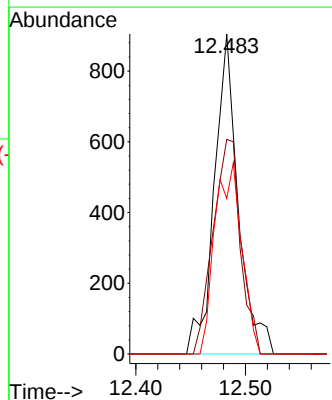
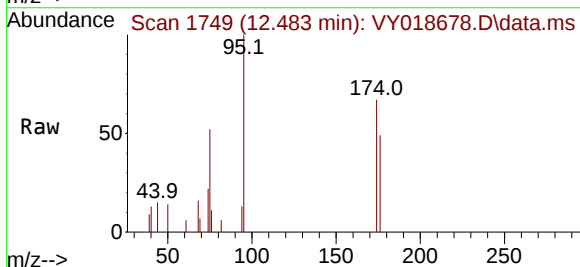
Tgt Ion: 95 Resp: 1370

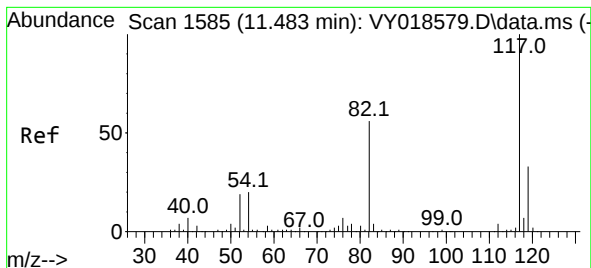
Ion Ratio Lower Upper

95 100

174 77.0 0.0 175.6

176 67.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018678.D

Acq: 24 Jun 2024 16:29

Instrument :

MSVOA_Y

ClientSampleId :

ARS20-008

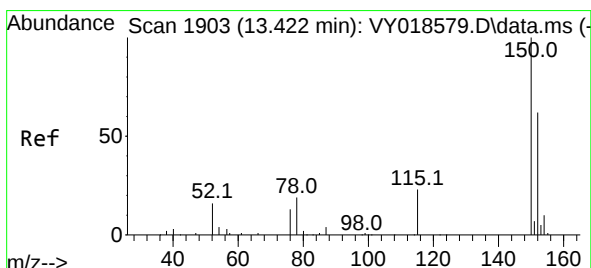
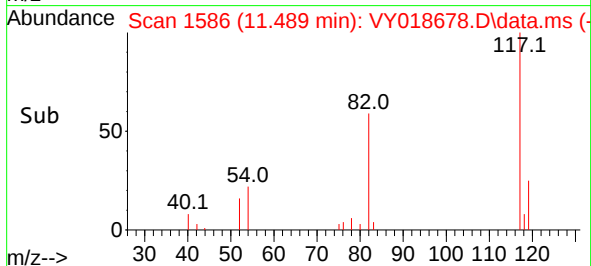
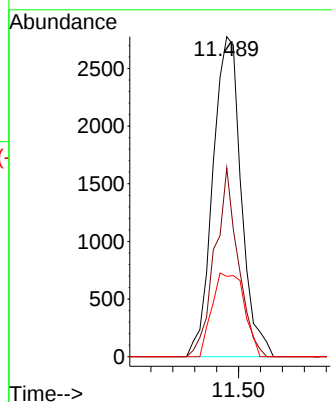
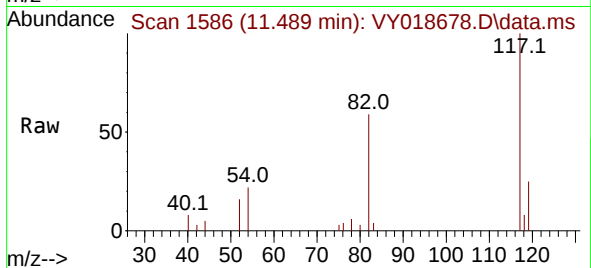
Tgt Ion:117 Resp: 4984

Ion Ratio Lower Upper

117 100

82 59.0 42.4 63.6

119 25.1 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: VY018678.D

Acq: 24 Jun 2024 16:29

Tgt Ion:152 Resp: 807

Ion Ratio Lower Upper

152 100

115 37.5 28.2 84.7

150 159.7 0.0 345.6

