

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062524\
 Data File : VY018687.D
 Acq On : 25 Jun 2024 14:41
 Operator : SY/MD
 Sample : P3021-04RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ARS20-0018RE

Quant Time: Jun 26 02:37:06 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	14351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	22810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	17560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	4885	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.124	65	6326	43.783	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.560%
35) Dibromofluoromethane	7.710	113	7477	53.735	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.480%
50) Toluene-d8	10.173	98	25559	47.765	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.520%
62) 4-Bromofluorobenzene	12.483	95	5390	31.899	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	63.800%

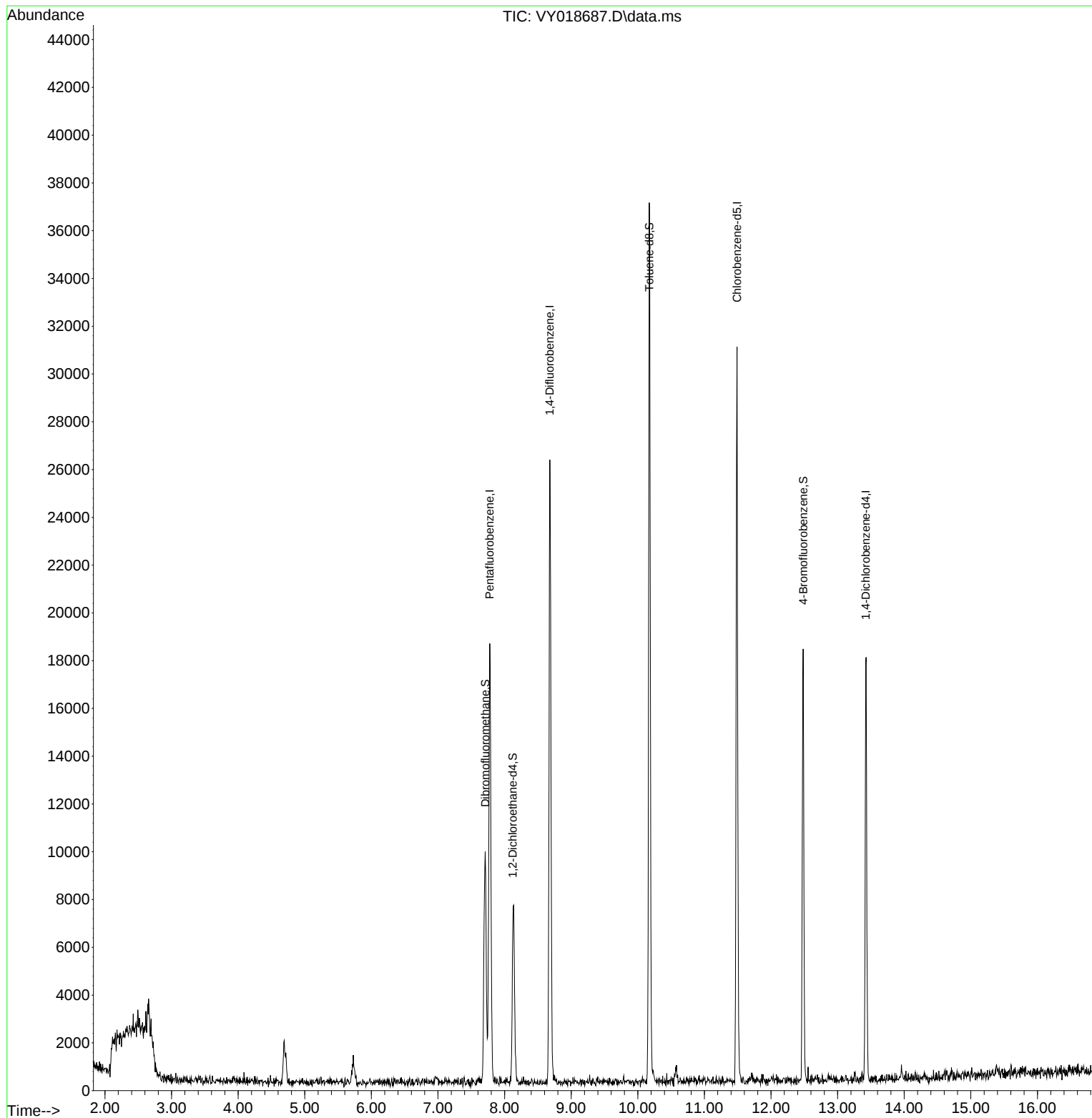
Target Compounds	Qvalue

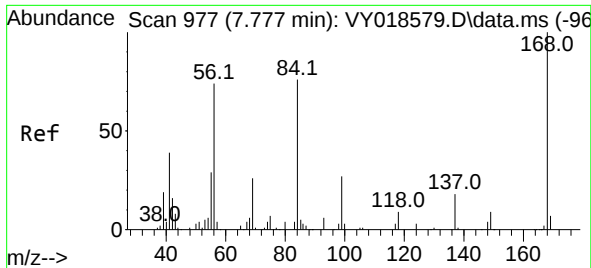
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062524\
Data File : VY018687.D
Acq On : 25 Jun 2024 14:41
Operator : SY/MD
Sample : P3021-04RE
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0018RE

Quant Time: Jun 26 02:37:06 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

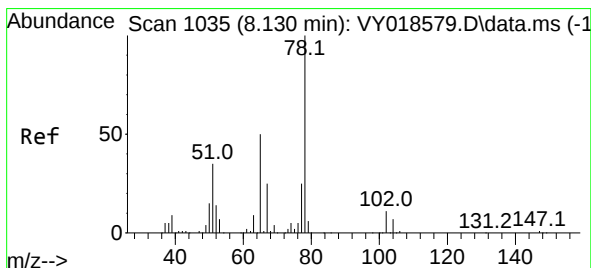
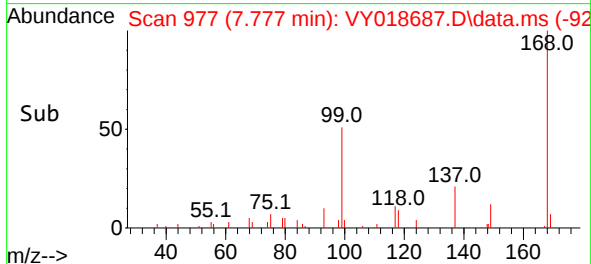
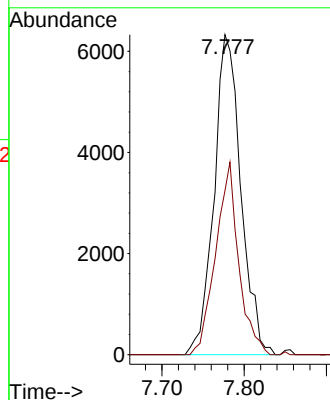
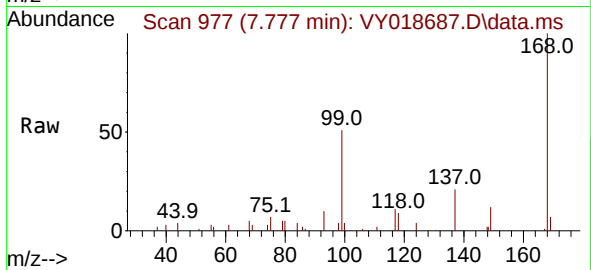




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018687.D
Acq: 25 Jun 2024 14:41

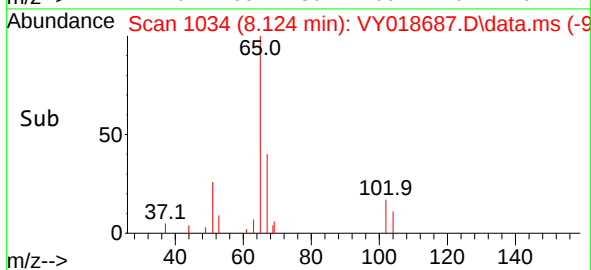
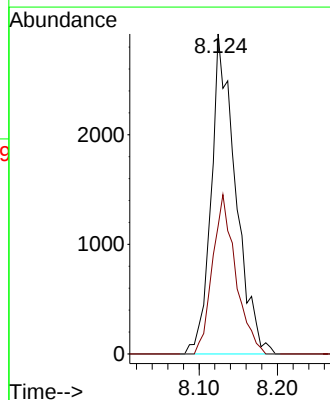
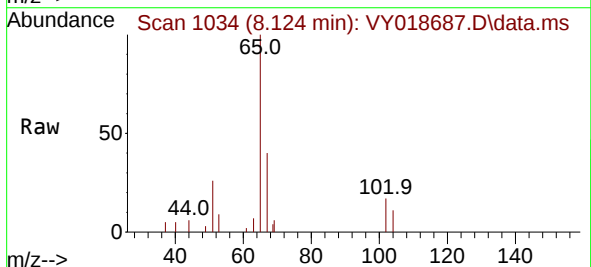
Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0018RE

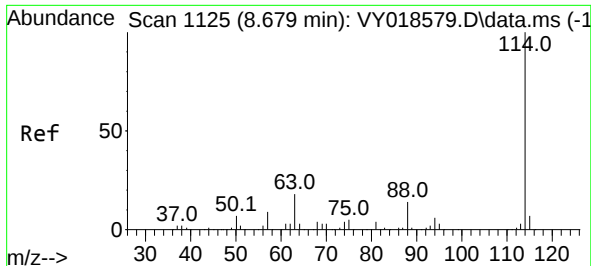
Tgt Ion:168 Resp: 14351
Ion Ratio Lower Upper
168 100
99 51.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 43.783 ug/l
RT: 8.124 min Scan# 1034
Delta R.T. -0.006 min
Lab File: VY018687.D
Acq: 25 Jun 2024 14:41

Tgt Ion: 65 Resp: 6326
Ion Ratio Lower Upper
65 100
67 47.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VY018687.D

Acq: 25 Jun 2024 14:41

Instrument :

MSVOA_Y

ClientSampleId :

ARS20-0018RE

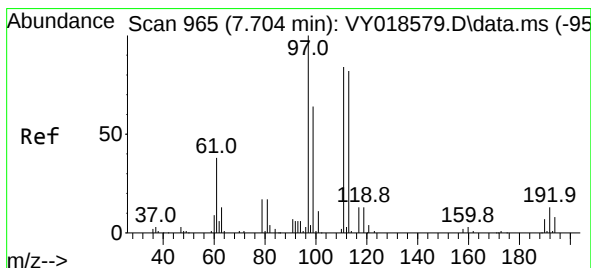
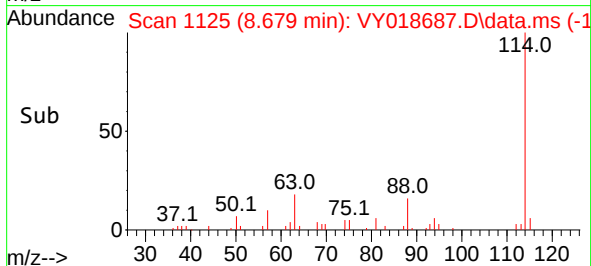
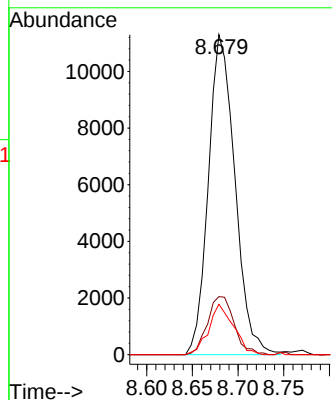
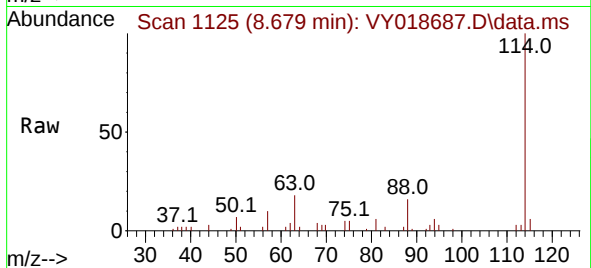
Tgt Ion:114 Resp: 22810

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 15.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 53.735 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018687.D

Acq: 25 Jun 2024 14:41

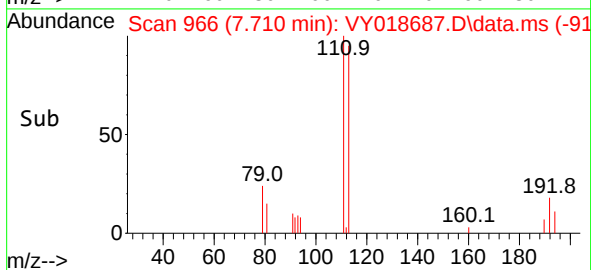
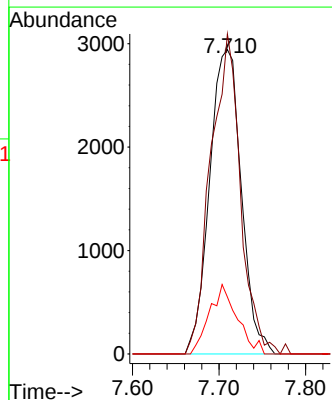
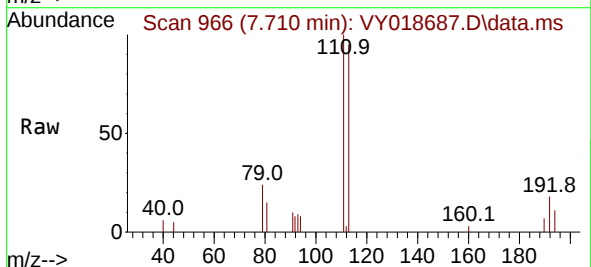
Tgt Ion:113 Resp: 7477

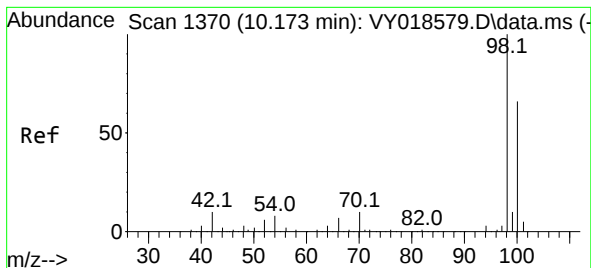
Ion Ratio Lower Upper

113 100

111 98.3 82.2 123.4

192 20.0 15.9 23.9





#50

Toluene-d8

Concen: 47.765 ug/l

RT: 10.173 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018687.D

Acq: 25 Jun 2024 14:41

Instrument :

MSVOA_Y

ClientSampleId :

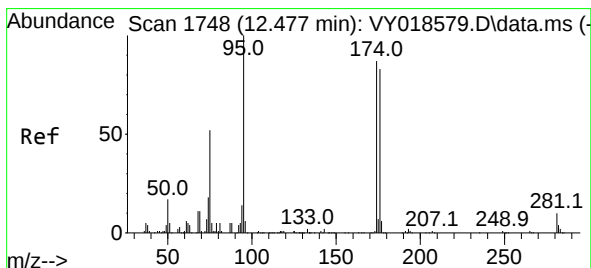
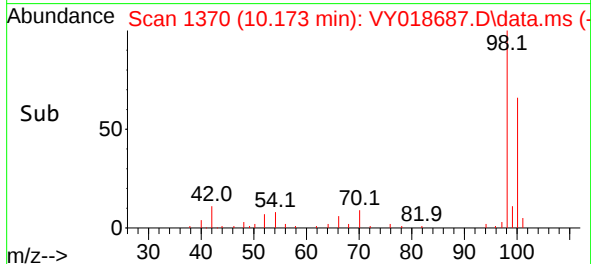
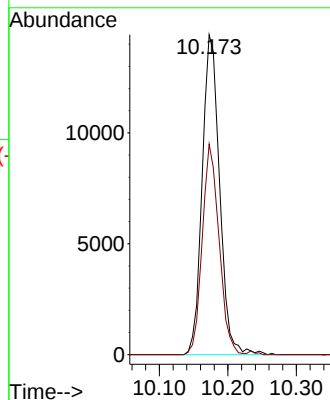
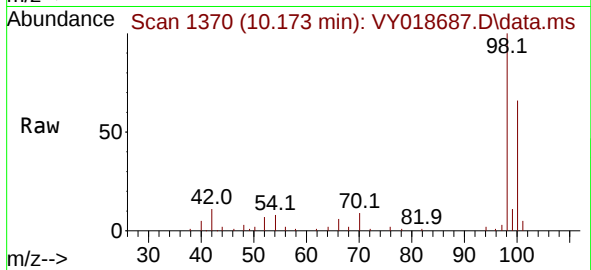
ARS20-0018RE

Tgt Ion: 98 Resp: 25559

Ion Ratio Lower Upper

98 100

100 63.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 31.899 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY018687.D

Acq: 25 Jun 2024 14:41

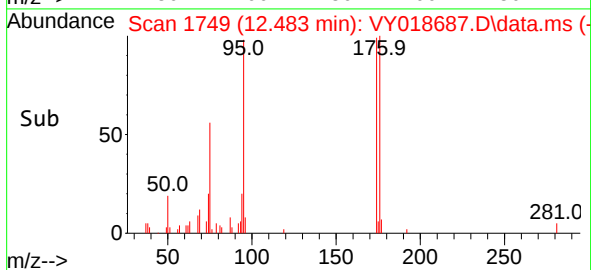
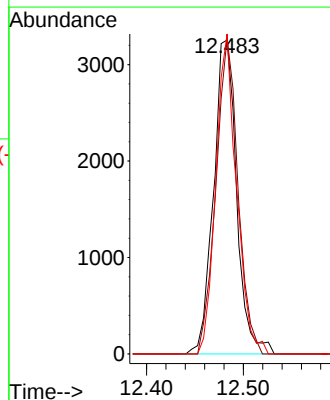
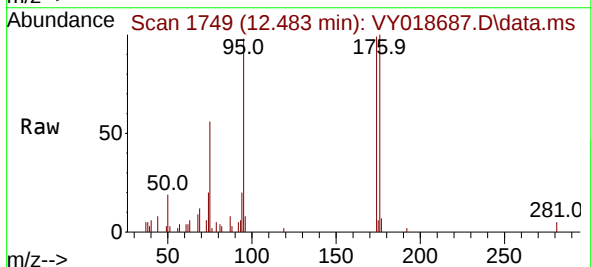
Tgt Ion: 95 Resp: 5390

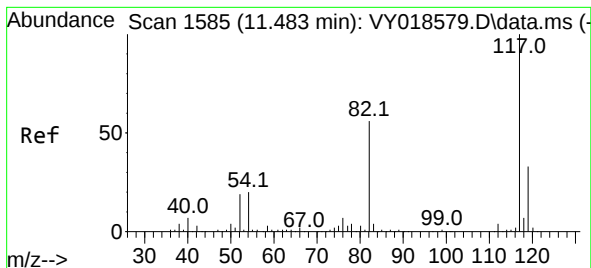
Ion Ratio Lower Upper

95 100

174 96.1 0.0 175.6

176 91.5 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: VY018687.D

Acq: 25 Jun 2024 14:41

Instrument :

MSVOA_Y

ClientSampleId :

ARS20-0018RE

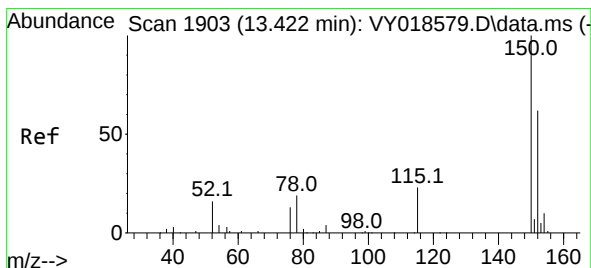
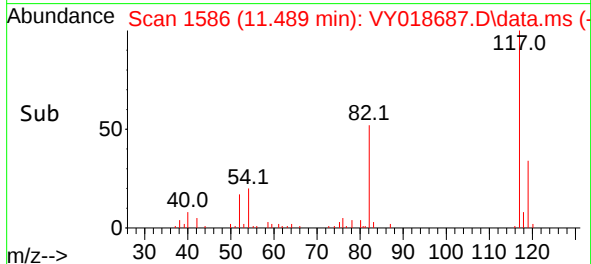
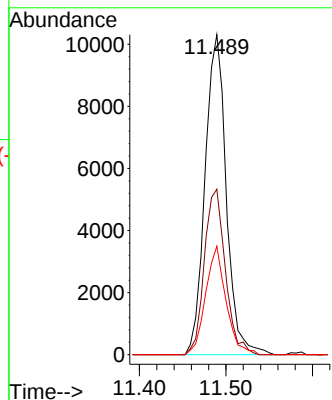
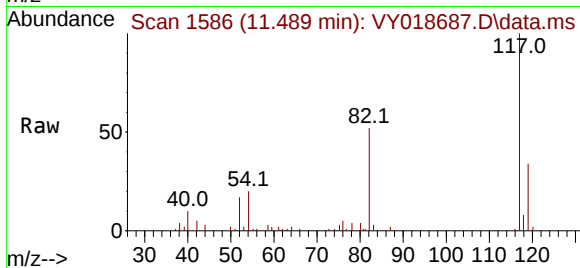
Tgt Ion:117 Resp: 17560

Ion Ratio Lower Upper

117 100

82 51.7 42.4 63.6

119 33.9 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: VY018687.D

Acq: 25 Jun 2024 14:41

Tgt Ion:152 Resp: 4885

Ion Ratio Lower Upper

152 100

115 54.6 28.2 84.7

150 159.8 0.0 345.6

