

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
 Data File : VY018786.D
 Acq On : 12 Jul 2024 10:09
 Operator : SY/MD
 Sample : VY0712SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0712SBL01

Quant Time: Jul 12 23:32:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	89001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	160985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	144625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	54435	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	42599	48.641	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.280%
35) Dibromofluoromethane	7.710	113	49085	48.682	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.360%
50) Toluene-d8	10.179	98	180890	47.354	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.700%
62) 4-Bromofluorobenzene	12.483	95	55314	42.401	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.800%

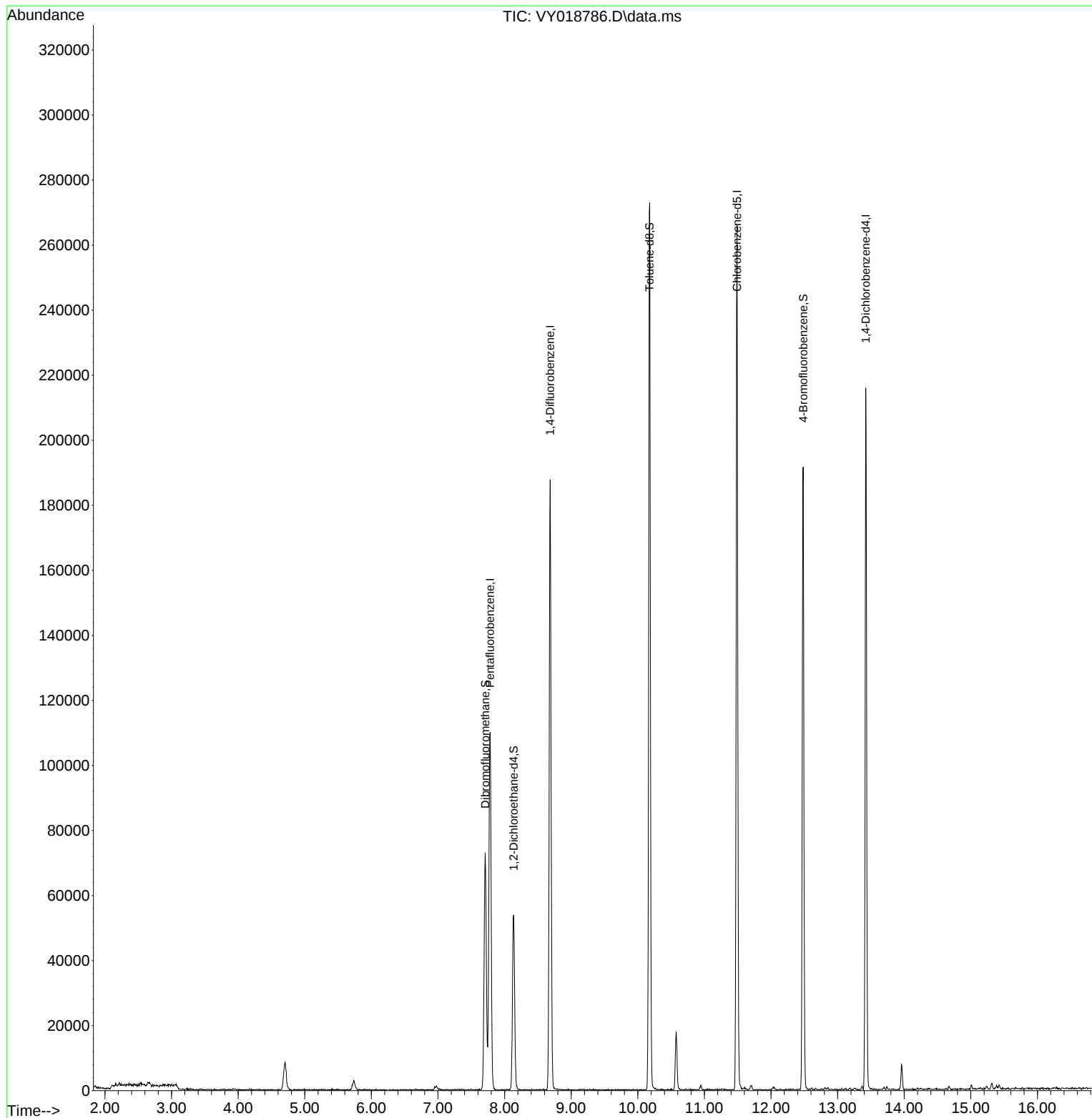
Target Compounds	Qvalue

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

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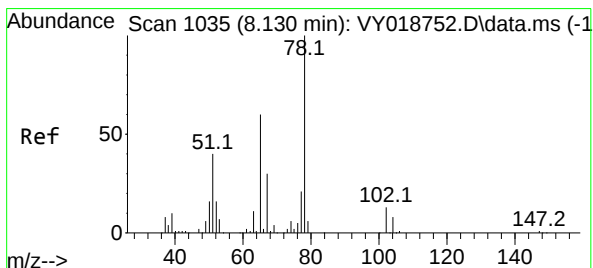
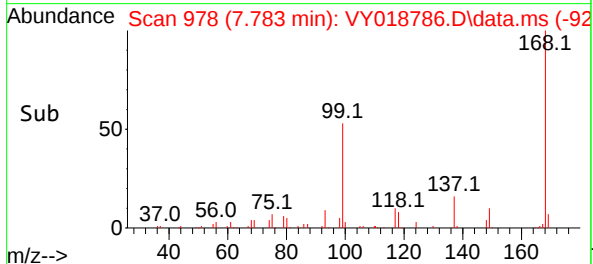
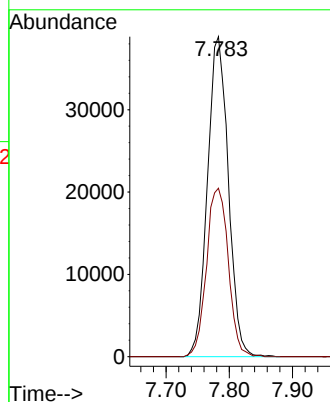
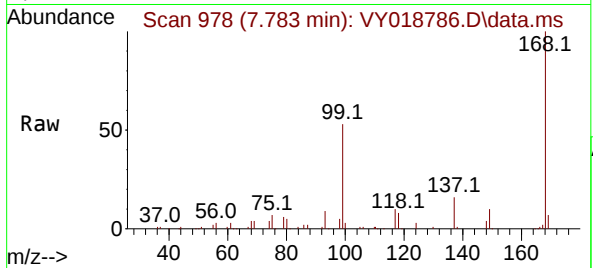




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018786.D
Acq: 12 Jul 2024 10:09

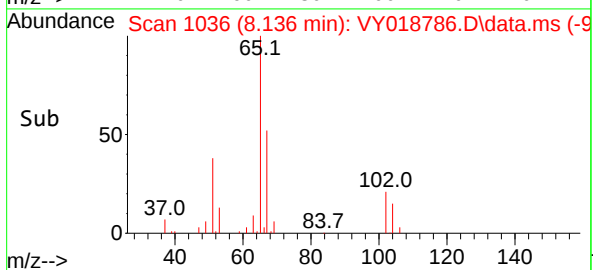
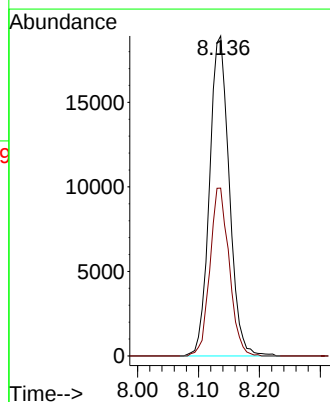
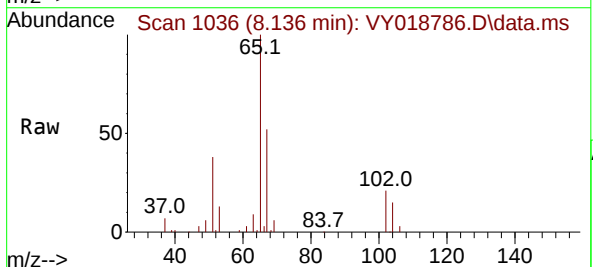
Instrument :
MSVOA_Y
ClientSampleId :
VY0712SBL01

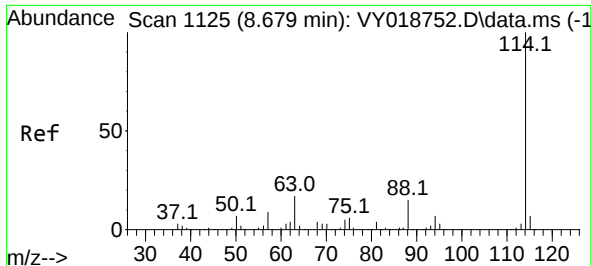
Tgt Ion:168 Resp: 89001
Ion Ratio Lower Upper
168 100
99 52.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 48.641 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY018786.D
Acq: 12 Jul 2024 10:09

Tgt Ion: 65 Resp: 42599
Ion Ratio Lower Upper
65 100
67 51.2 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: VY018786.D

Acq: 12 Jul 2024 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0712SBL01

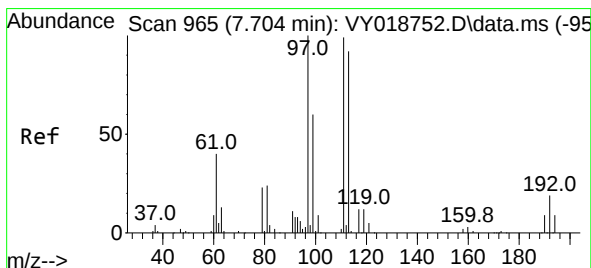
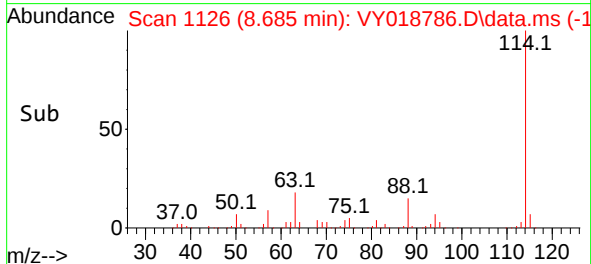
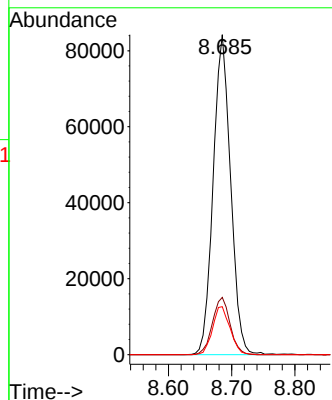
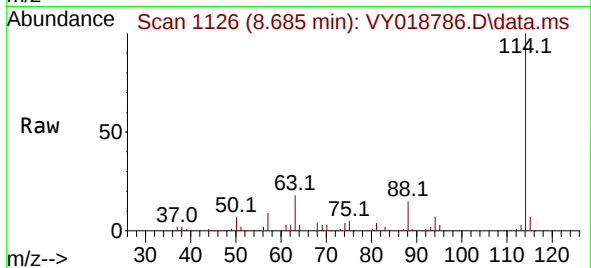
Tgt Ion:114 Resp: 160985

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.0

88 15.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.682 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018786.D

Acq: 12 Jul 2024 10:09

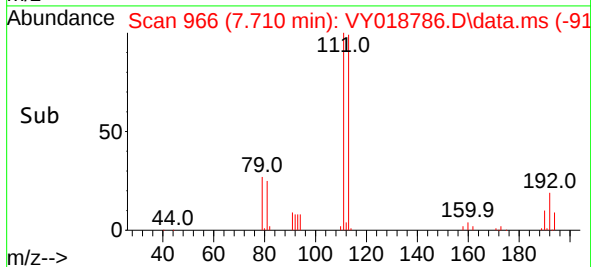
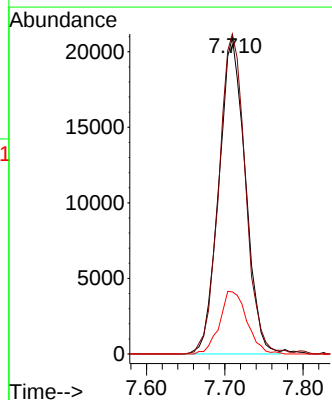
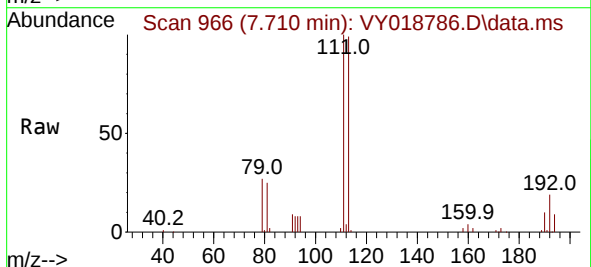
Tgt Ion:113 Resp: 49085

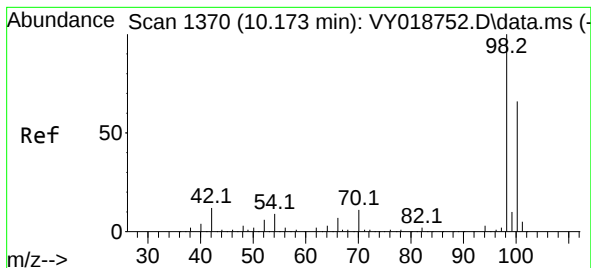
Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.4

192 20.4 15.9 23.9





#50

Toluene-d8

Concen: 47.354 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018786.D

Acq: 12 Jul 2024 10:09

Instrument :

MSVOA_Y

ClientSampleId :

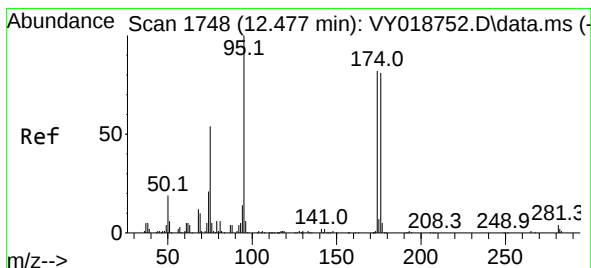
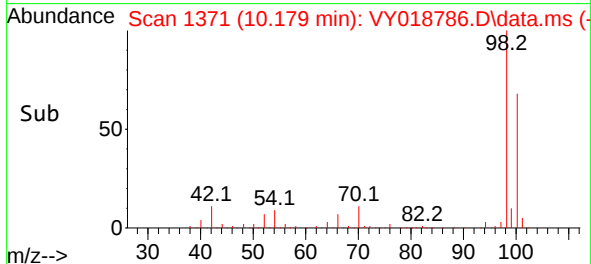
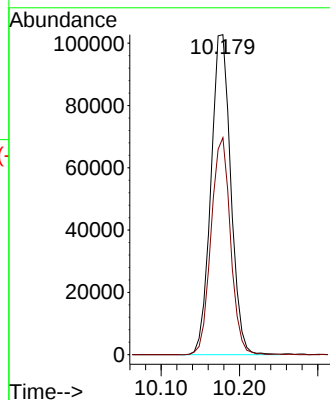
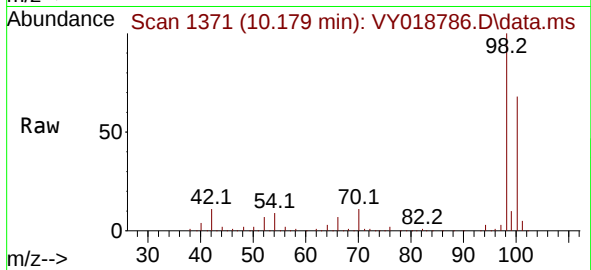
VY0712SBL01

Tgt Ion: 98 Resp: 180890

Ion Ratio Lower Upper

98 100

100 66.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 42.401 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY018786.D

Acq: 12 Jul 2024 10:09

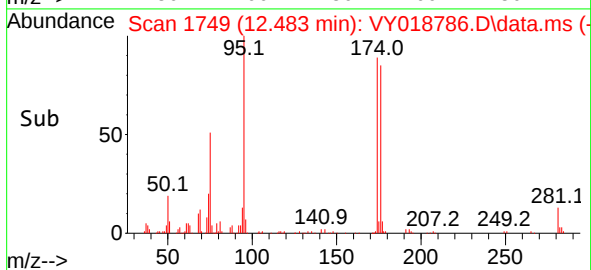
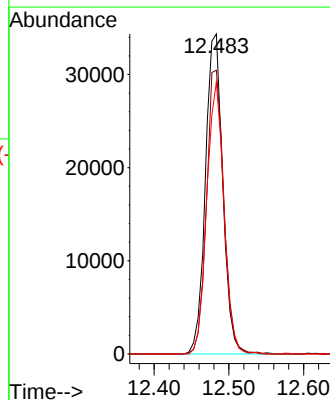
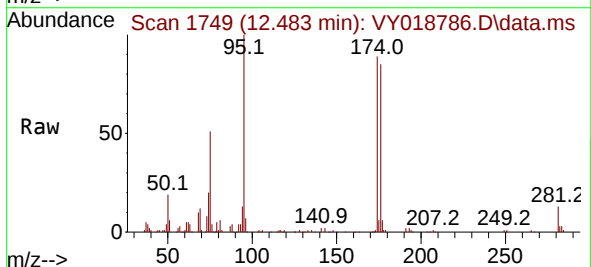
Tgt Ion: 95 Resp: 55314

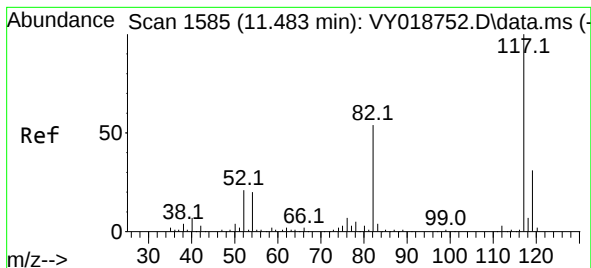
Ion Ratio Lower Upper

95 100

174 89.1 0.0 175.6

176 84.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018786.D

Acq: 12 Jul 2024 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0712SBL01

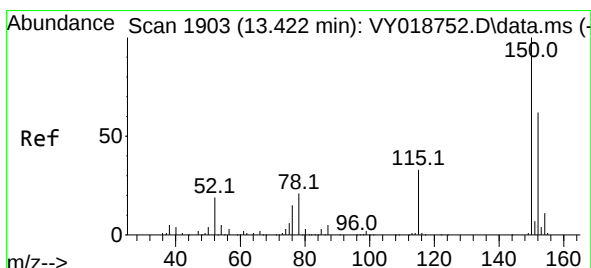
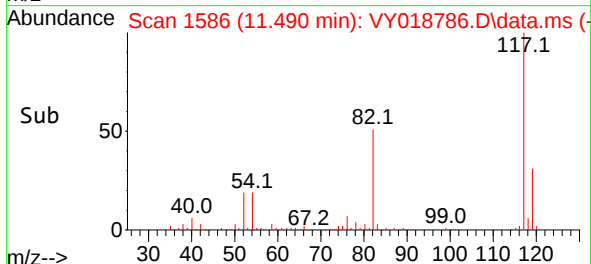
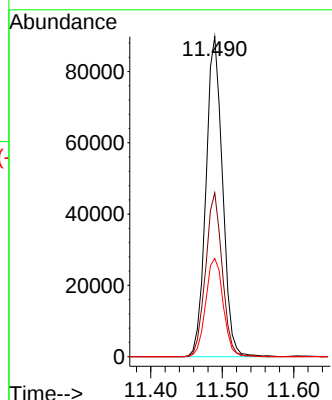
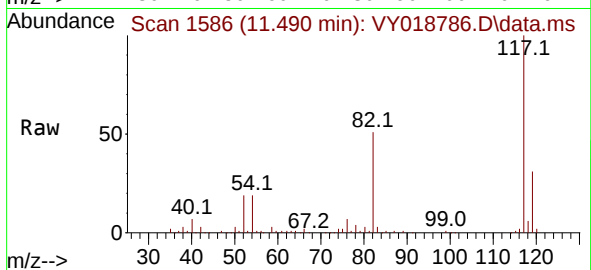
Tgt Ion:117 Resp: 144625

Ion Ratio Lower Upper

117 100

82 51.2 42.4 63.6

119 30.7 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: VY018786.D

Acq: 12 Jul 2024 10:09

Tgt Ion:152 Resp: 54435

Ion Ratio Lower Upper

152 100

115 57.3 28.2 84.7

150 159.1 0.0 345.6

