

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071724\
 Data File : VY018845.D
 Acq On : 17 Jul 2024 13:34
 Operator : SY/MD
 Sample : VY0717SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0717SBL01

Quant Time: Jul 18 01:25:47 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	7.777	168	103155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	160471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	135043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62824	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	52551	51.771	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.540%
35) Dibromofluoromethane	7.704	113	54327	54.053	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.100%
50) Toluene-d8	10.173	98	201287	52.862	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.720%
62) 4-Bromofluorobenzene	12.477	95	64199	49.370	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.740%

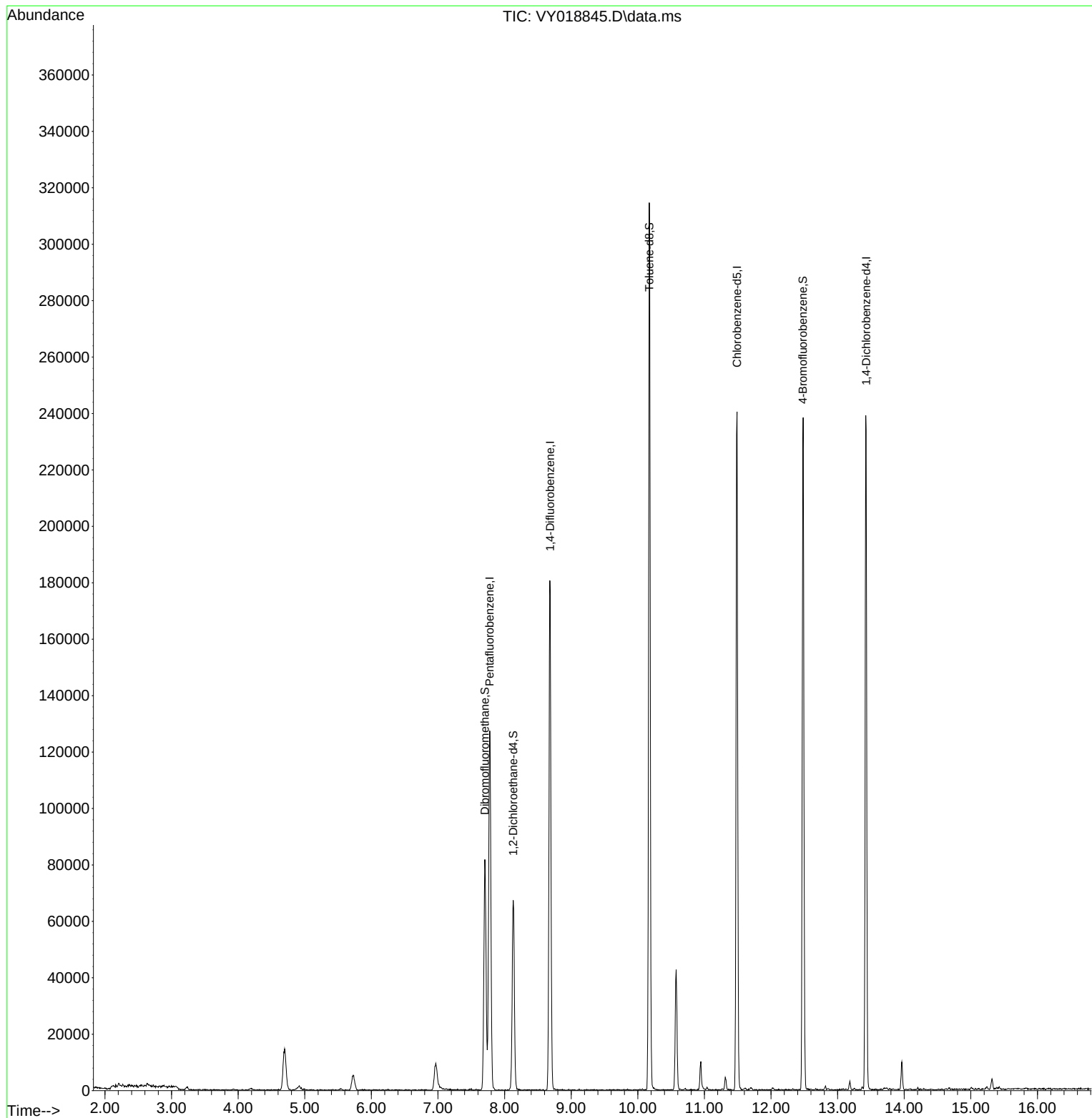
Target Compounds	Qvalue

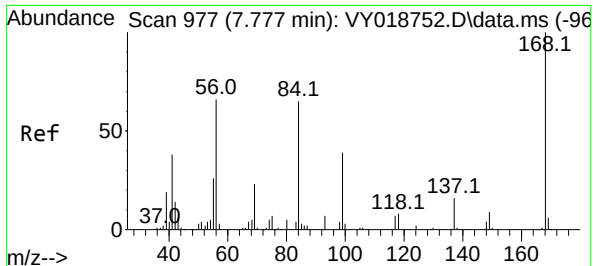
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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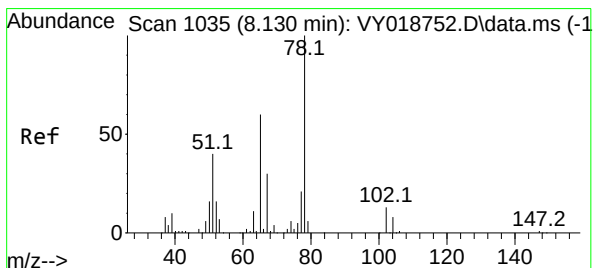
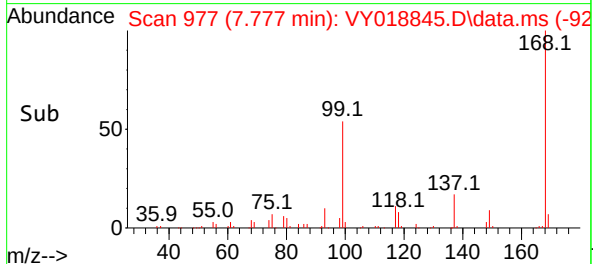
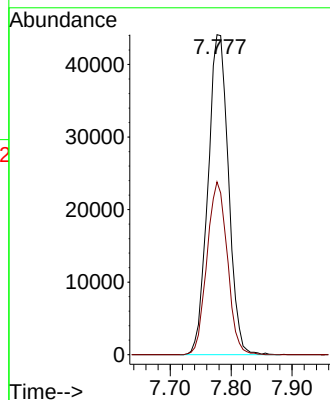
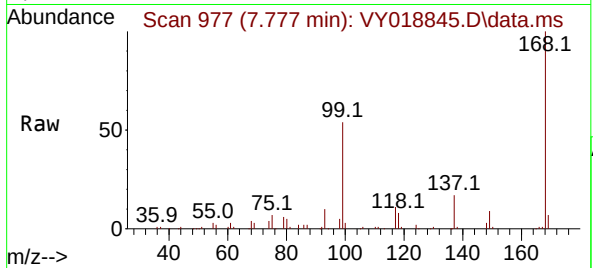




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018845.D
Acq: 17 Jul 2024 13:34

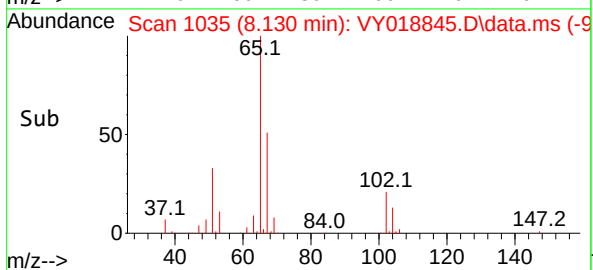
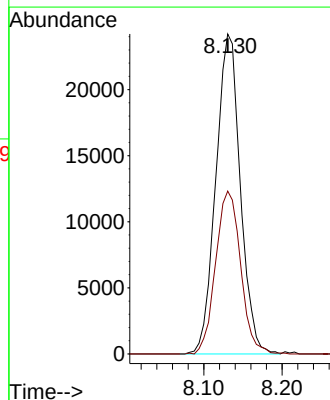
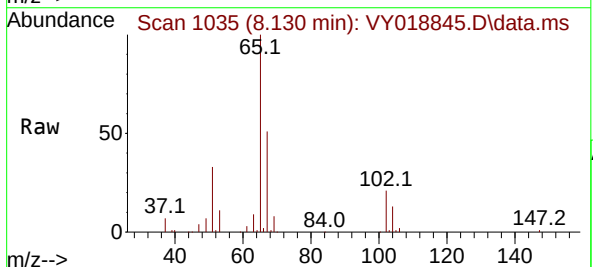
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBL01

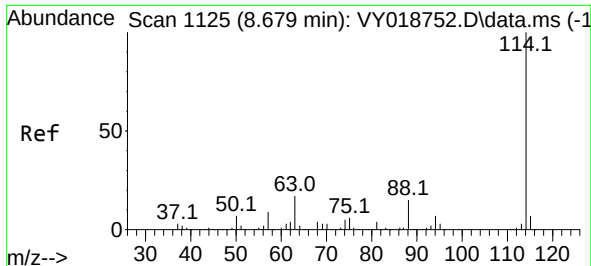
Tgt Ion:168 Resp: 103155
Ion Ratio Lower Upper
168 100
99 54.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 51.771 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018845.D
Acq: 17 Jul 2024 13:34

Tgt Ion: 65 Resp: 52551
Ion Ratio Lower Upper
65 100
67 52.1 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: VY018845.D

Acq: 17 Jul 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0717SBL01

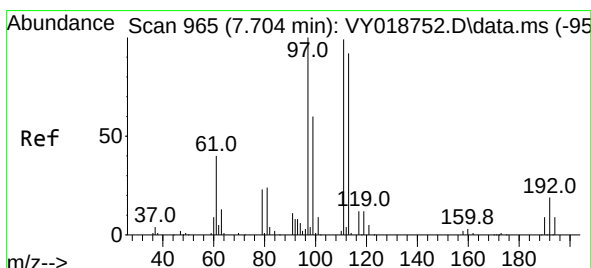
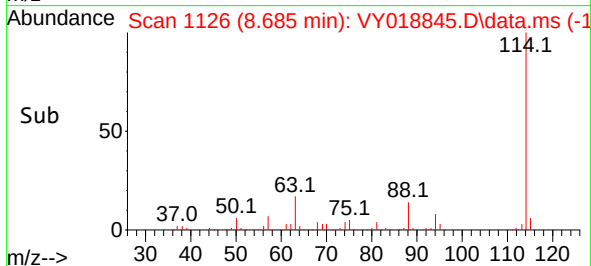
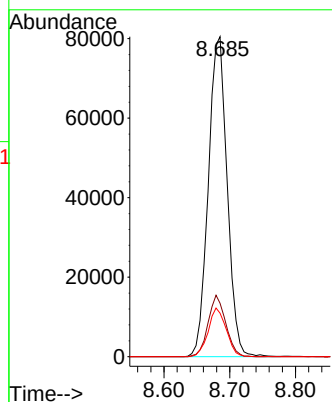
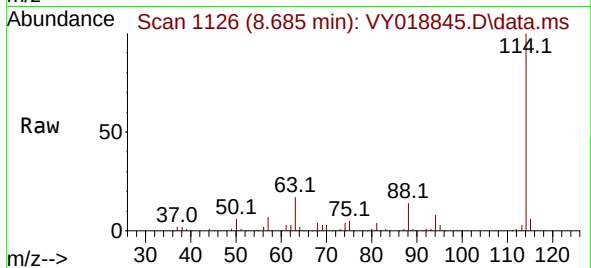
Tgt Ion:114 Resp: 160471

Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

88 13.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.053 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018845.D

Acq: 17 Jul 2024 13:34

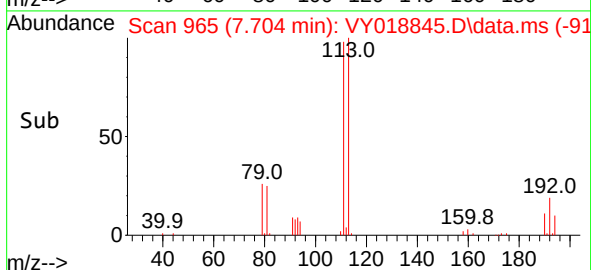
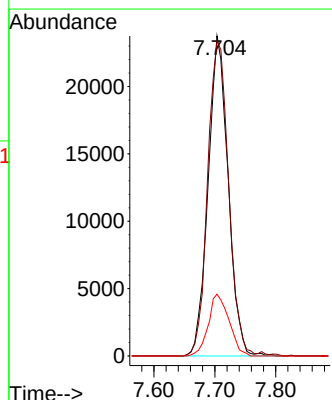
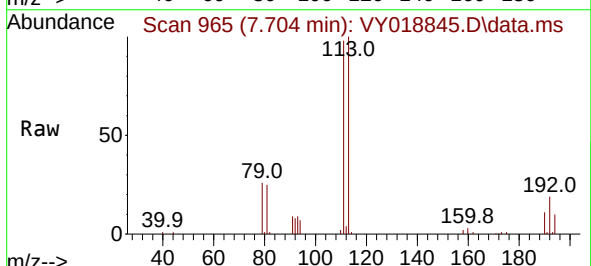
Tgt Ion:113 Resp: 54327

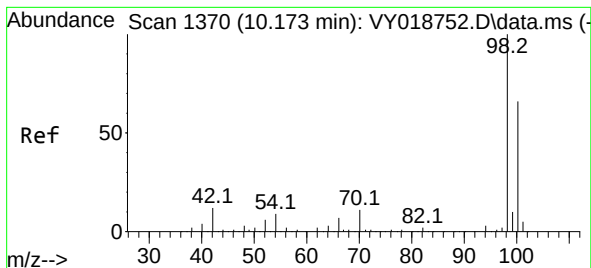
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

192 19.9 15.9 23.9





#50

Toluene-d8

Concen: 52.862 ug/l

RT: 10.173 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018845.D

Acq: 17 Jul 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

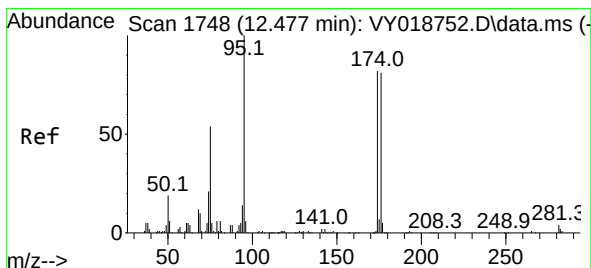
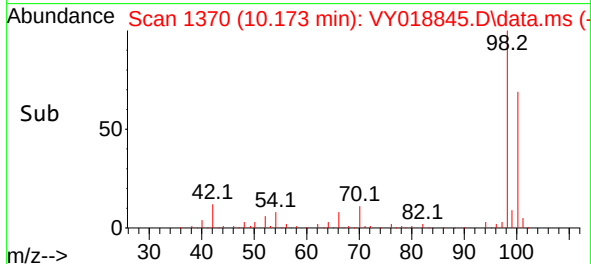
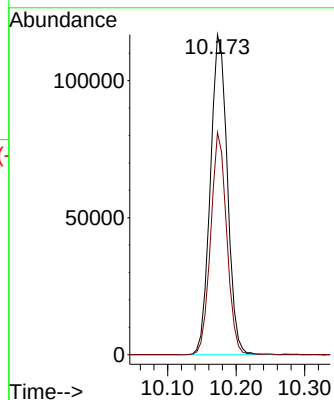
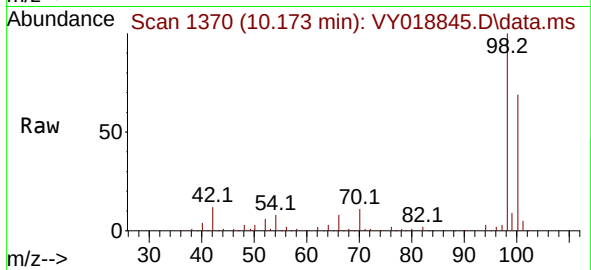
VY0717SBL01

Tgt Ion: 98 Resp: 201287

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 49.370 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018845.D

Acq: 17 Jul 2024 13:34

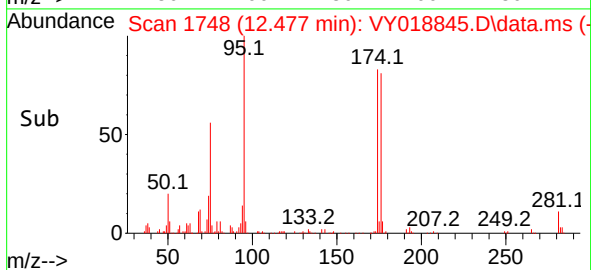
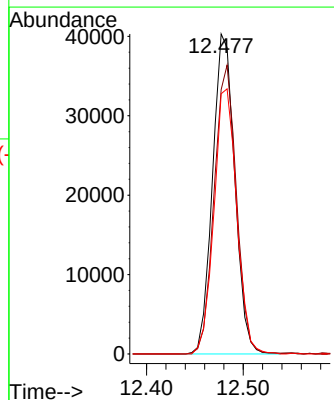
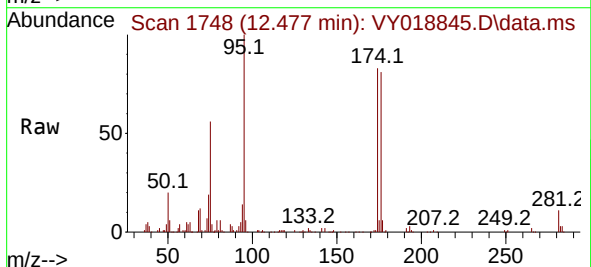
Tgt Ion: 95 Resp: 64199

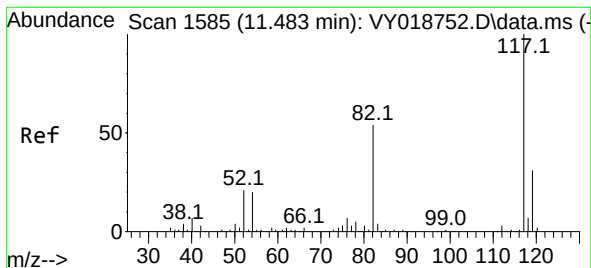
Ion Ratio Lower Upper

95 100

174 90.5 0.0 175.6

176 85.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018845.D

Acq: 17 Jul 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0717SBL01

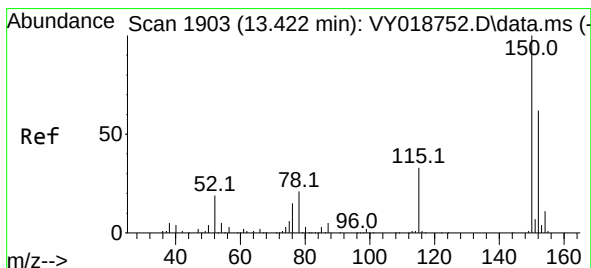
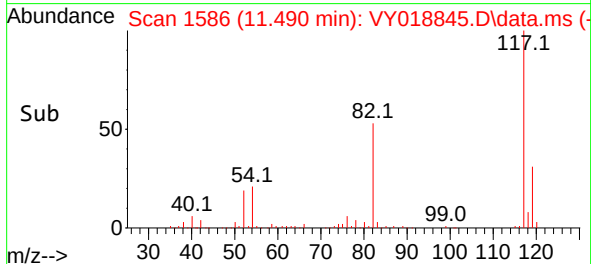
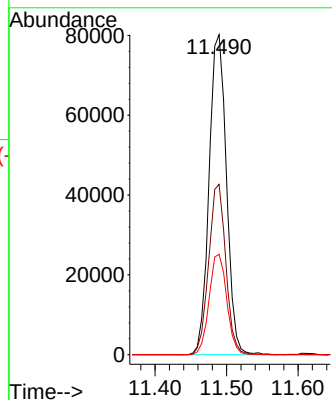
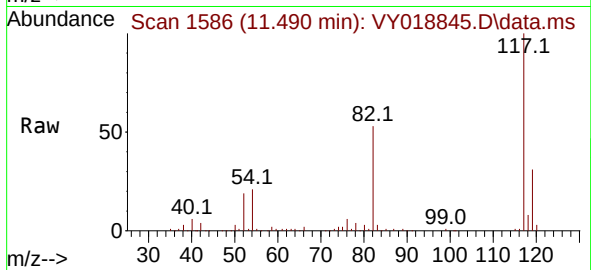
Tgt Ion:117 Resp: 135043

Ion Ratio Lower Upper

117 100

82 53.3 42.4 63.6

119 31.4 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: VY018845.D

Acq: 17 Jul 2024 13:34

Tgt Ion:152 Resp: 62824

Ion Ratio Lower Upper

152 100

115 57.8 28.2 84.7

150 159.5 0.0 345.6

