

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071124\
 Data File : VY018779.D
 Acq On : 11 Jul 2024 15:35
 Operator : SY/MD
 Sample : P3193-05
 Misc : 5.55g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FILL-MATERIAL-3

Quant Time: Jul 12 01:39:30 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	72725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	126435	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	112495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	42720	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.130	65	36335	50.774	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.540%
35) Dibromofluoromethane	7.703	113	39416	49.775	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.540%
50) Toluene-d8	10.173	98	145452	48.482	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.960%
62) 4-Bromofluorobenzene	12.477	95	44151	43.093	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.180%

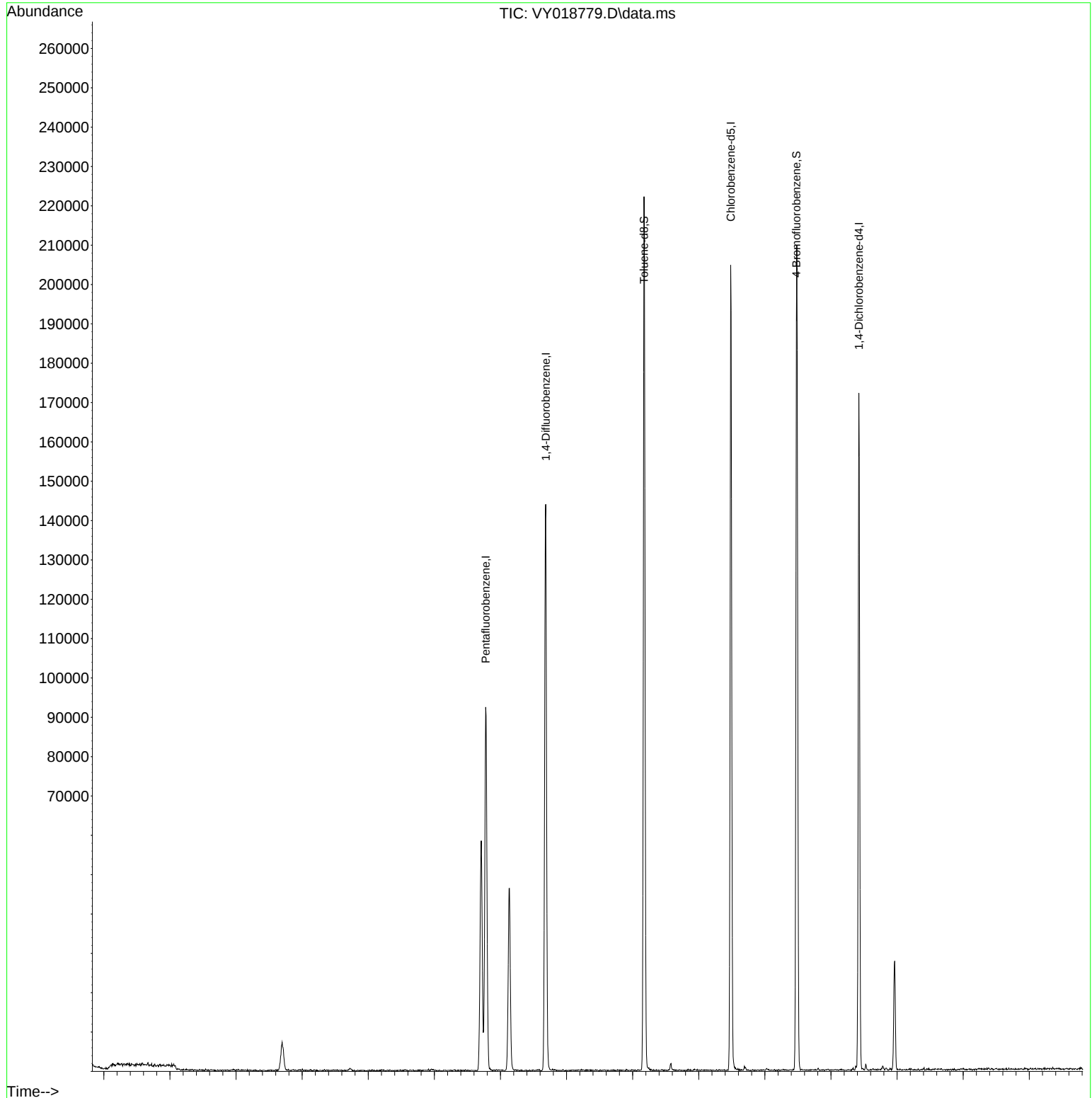
Target Compounds Qvalue

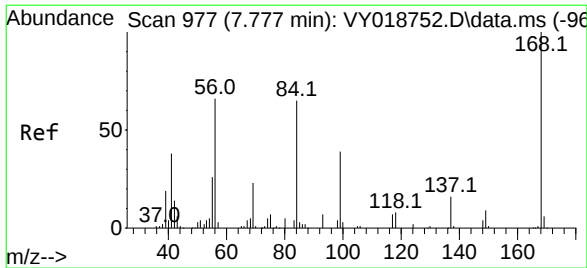
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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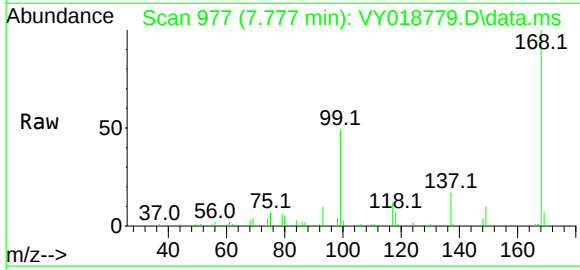
Quant Time: Jul 12 01:39:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
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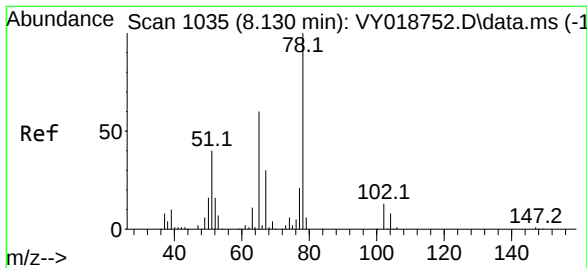
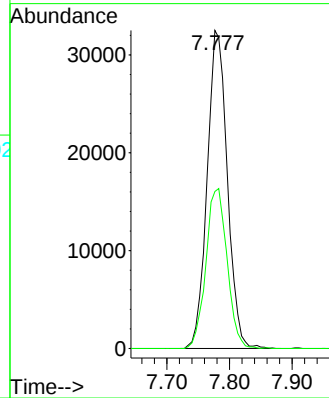
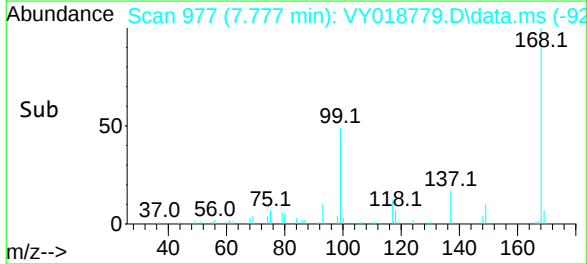


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 97
Delta R.T. -0.000 min
Lab File: VY018779.D
Acq: 11 Jul 2024 15:35

Instrument :
MSVOA_Y
ClientSampleId :
FILL-MATERIAL-3

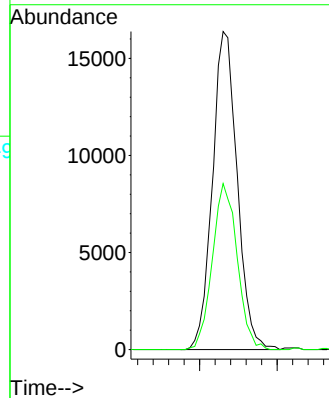
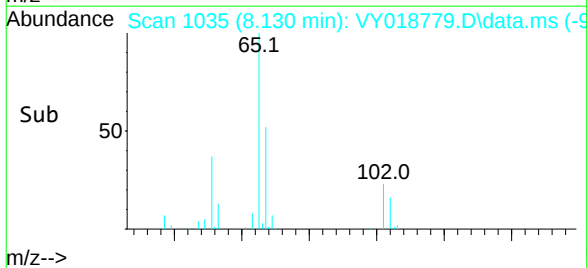
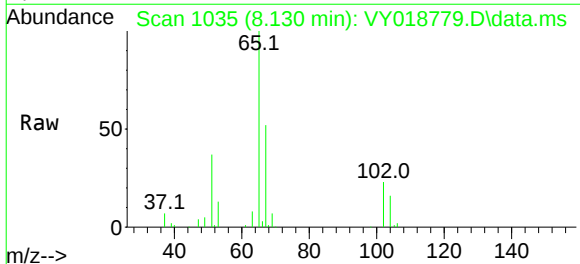


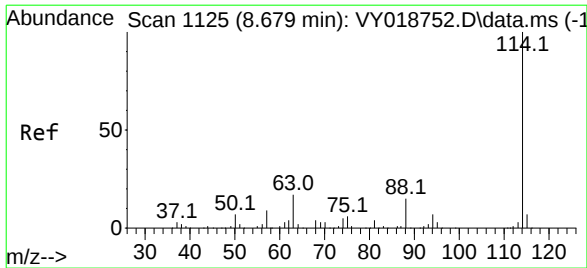
Tgt Ion:168 Resp: 72725
Ion Ratio Lower Upper
168 100
99 49.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 50.774 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018779.D
Acq: 11 Jul 2024 15:35

Tgt Ion: 65 Resp: 36335
Ion Ratio Lower Upper
65 100
67 52.3 0.0 109.6

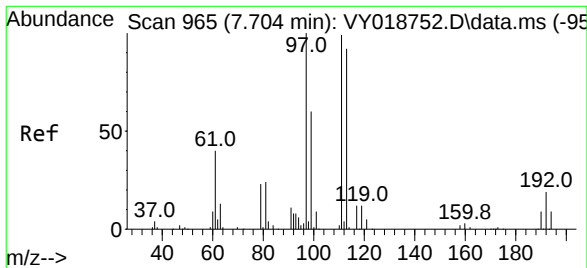
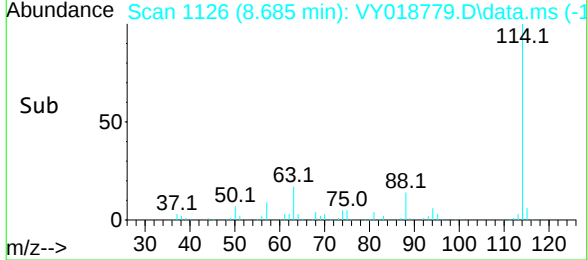
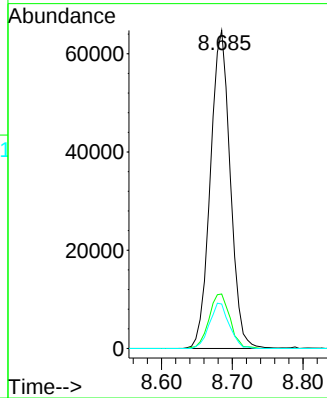
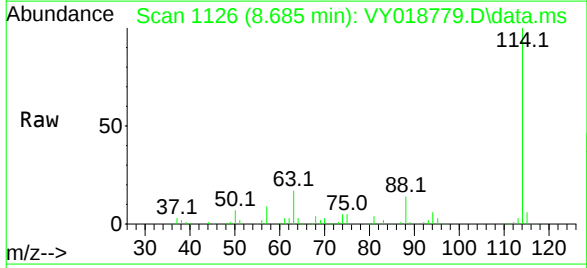




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018779.D
Acq: 11 Jul 2024 15:35

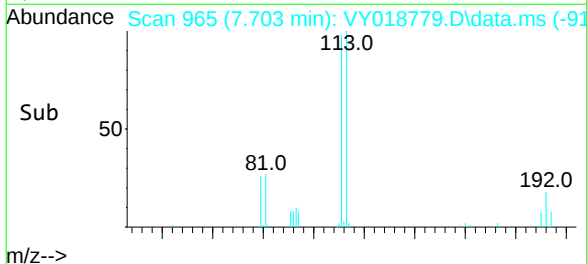
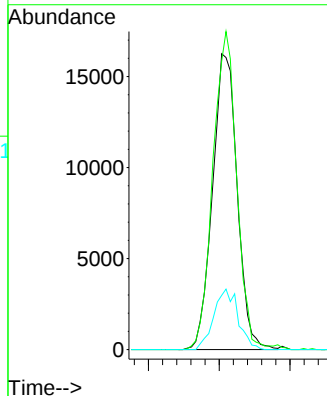
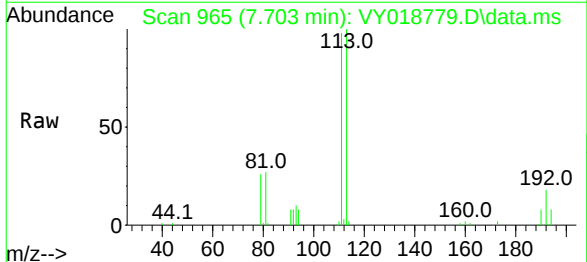
Instrument :
MSVOA_Y
ClientSampleId :
FILL-MATERIAL-3

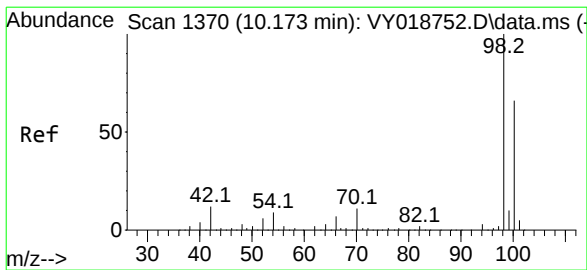
Tgt Ion:114 Resp: 126435
Ion Ratio Lower Upper
114 100
63 17.1 0.0 35.0
88 14.0 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.775 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY018779.D
Acq: 11 Jul 2024 15:35

Tgt Ion:113 Resp: 39416
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 20.1 15.9 23.9





#50

Toluene-d8

Concen: 48.482 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018779.D

Acq: 11 Jul 2024 15:35

Instrument :

MSVOA_Y

ClientSampleId :

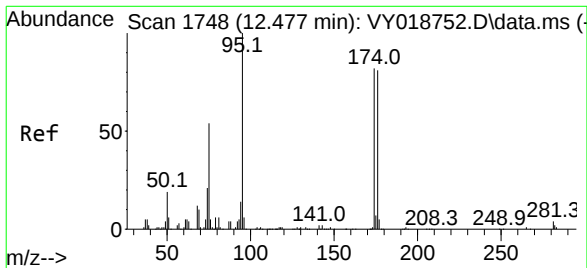
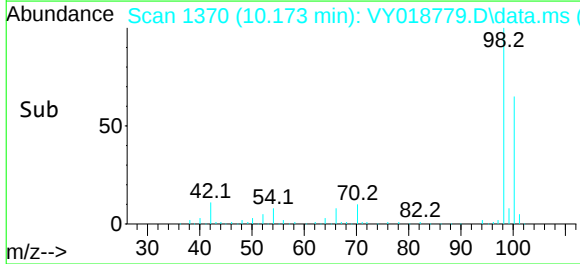
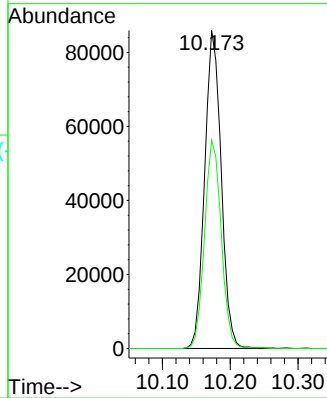
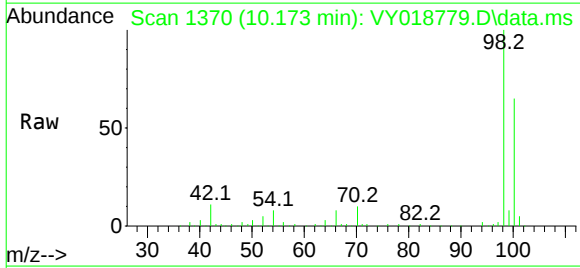
FILL-MATERIAL-3

Tgt Ion: 98 Resp: 145452

Ion Ratio Lower Upper

98 100

100 66.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 43.093 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY018779.D

Acq: 11 Jul 2024 15:35

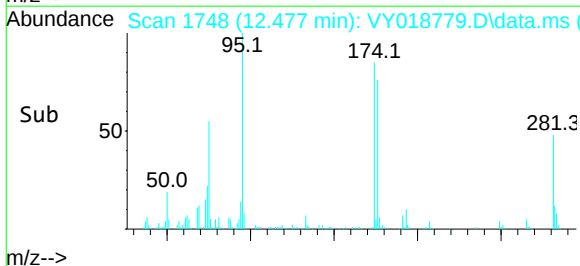
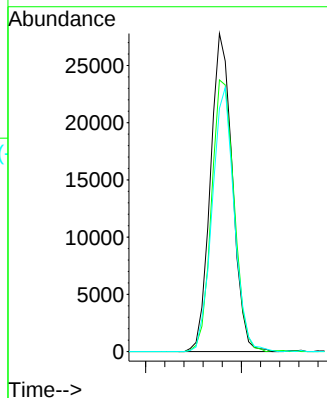
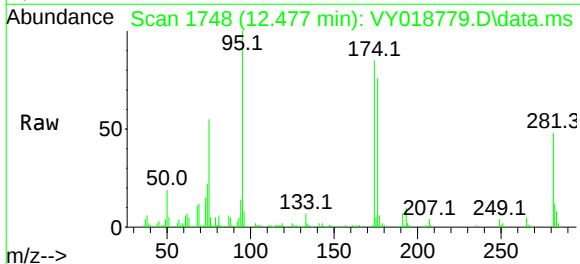
Tgt Ion: 95 Resp: 44151

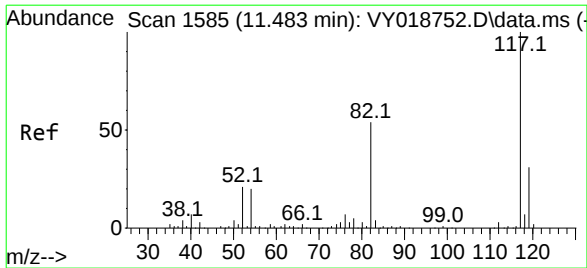
Ion Ratio Lower Upper

95 100

174 88.1 0.0 175.6

176 83.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 1585

Delta R.T. -0.000 min

Lab File: VY018779.D

Acq: 11 Jul 2024 15:35

Instrument :

MSVOA_Y

ClientSampleId :

FILL-MATERIAL-3

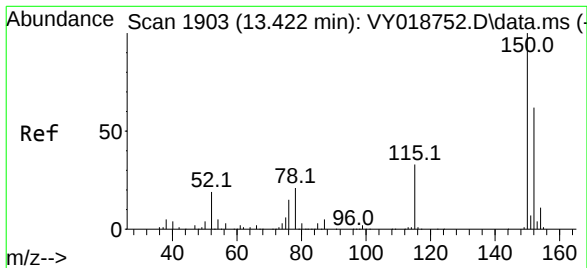
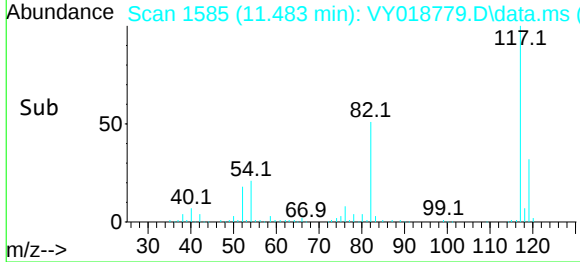
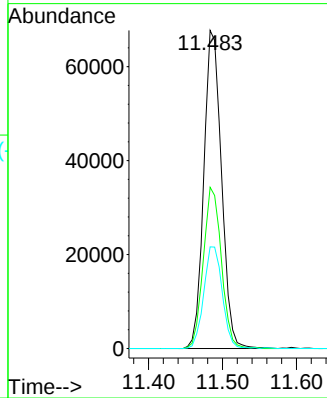
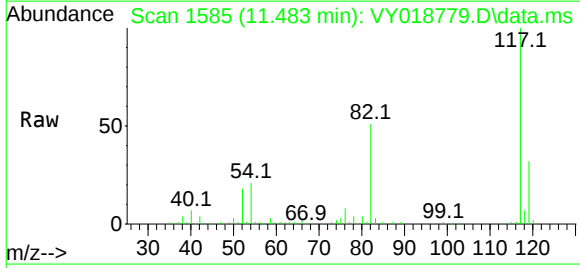
Tgt Ion:117 Resp: 112495

Ion Ratio Lower Upper

117 100

82 50.7 42.4 63.6

119 32.0 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: VY018779.D

Acq: 11 Jul 2024 15:35

Tgt Ion:152 Resp: 42720

Ion Ratio Lower Upper

152 100

115 58.5 28.2 84.7

150 155.8 0.0 345.6

