

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071124\
 Data File : VY018777.D
 Acq On : 11 Jul 2024 14:45
 Operator : SY/MD
 Sample : P3193-03
 Misc : 5.51g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FILL-MATERIAL-2

Quant Time: Jul 12 01:38:42 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	87861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	159148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	138002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	52141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	45008	52.058	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.120%
35) Dibromofluoromethane	7.710	113	48585	48.742	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.480%
50) Toluene-d8	10.173	98	180144	47.703	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.400%
62) 4-Bromofluorobenzene	12.477	95	54810	42.500	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.000%

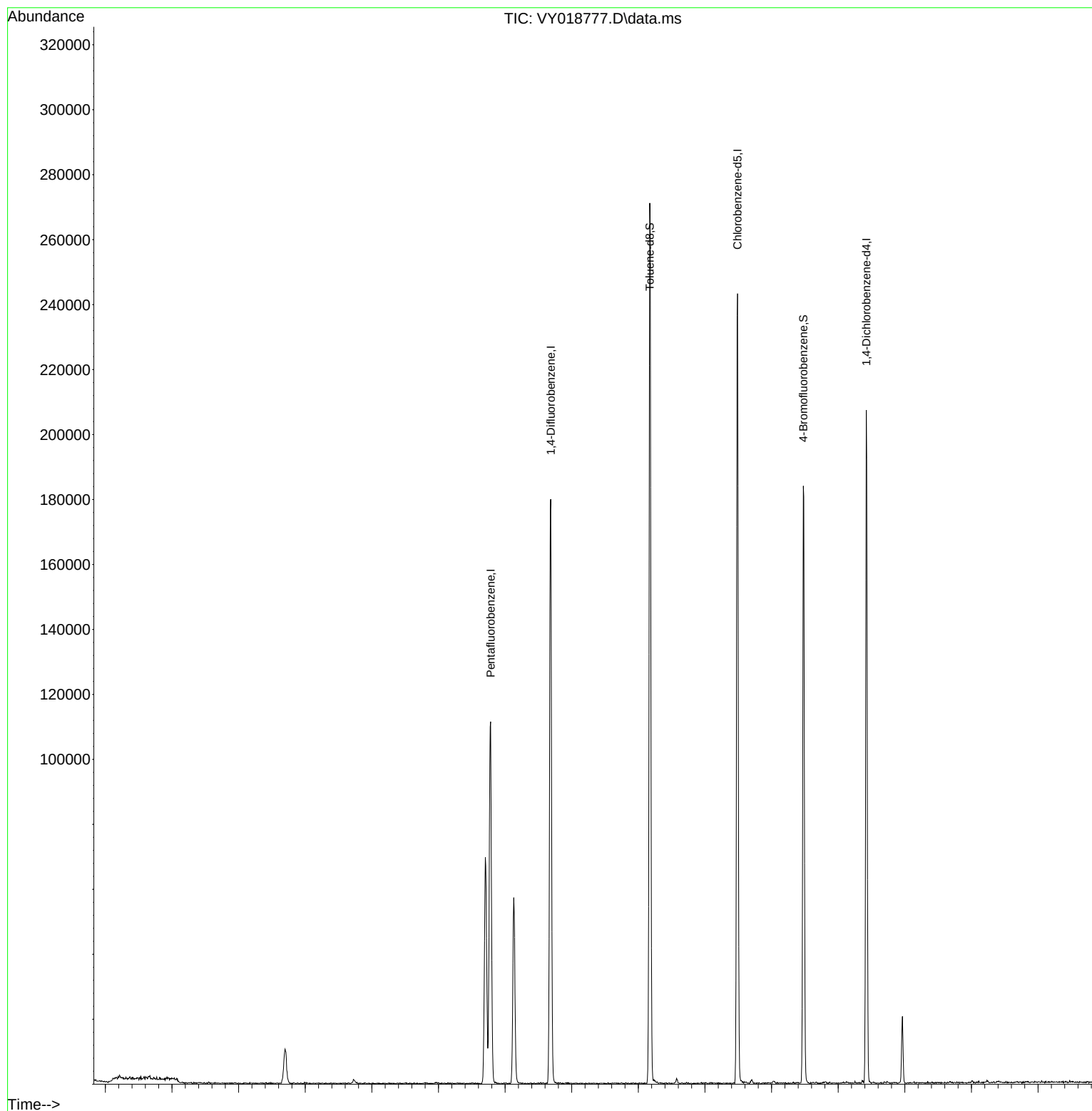
Target Compounds Qvalue

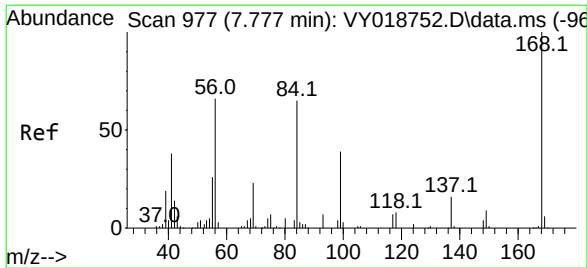
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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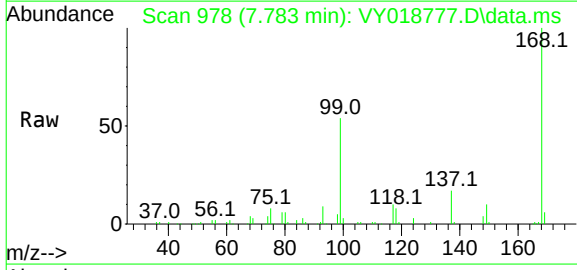
Quant Time: Jul 12 01:38:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
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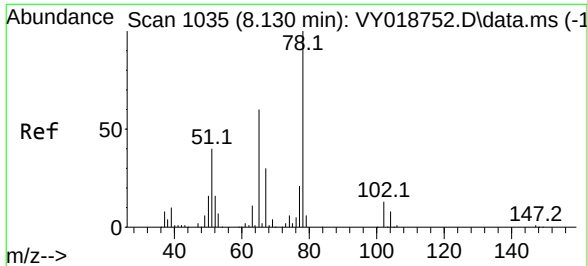
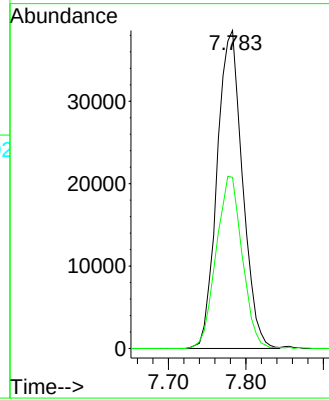
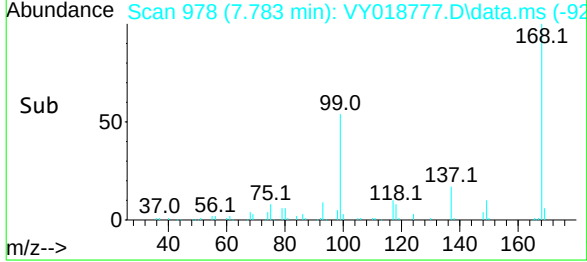


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. 0.006 min
Lab File: VY018777.D
Acq: 11 Jul 2024 14:45

Instrument :
MSVOA_Y
ClientSampleId :
FILL-MATERIAL-2

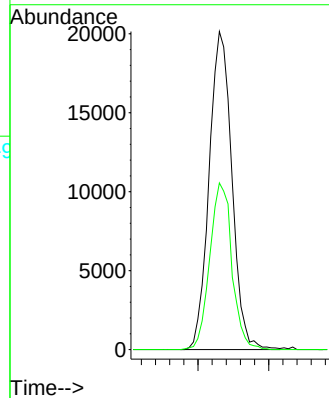
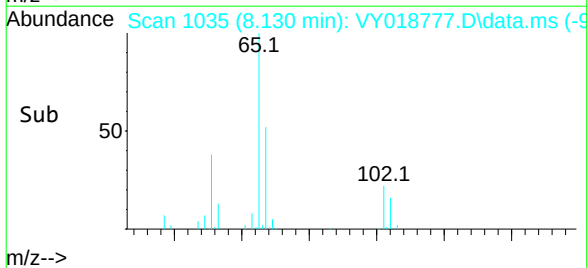
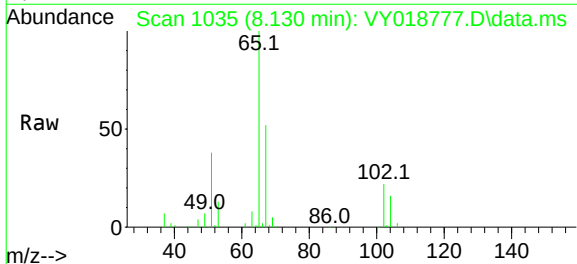


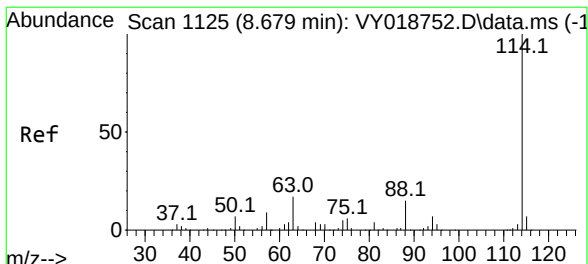
Tgt Ion:168 Resp: 87861
Ion Ratio Lower Upper
168 100
99 53.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 52.058 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018777.D
Acq: 11 Jul 2024 14:45

Tgt Ion: 65 Resp: 45008
Ion Ratio Lower Upper
65 100
67 50.9 0.0 109.6

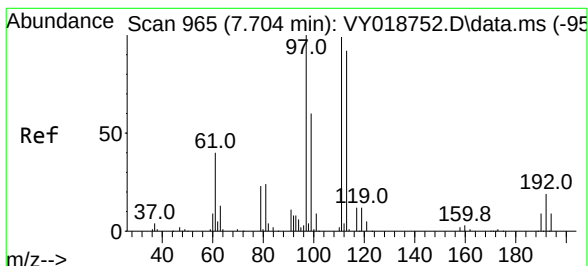
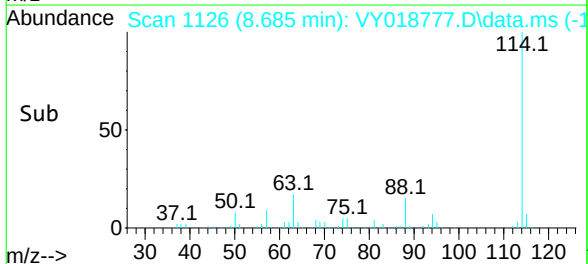
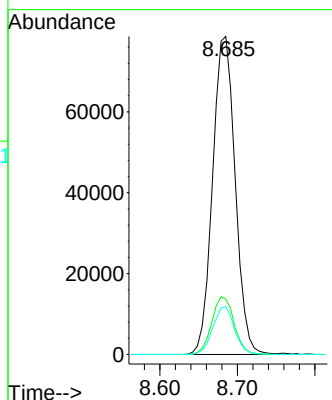
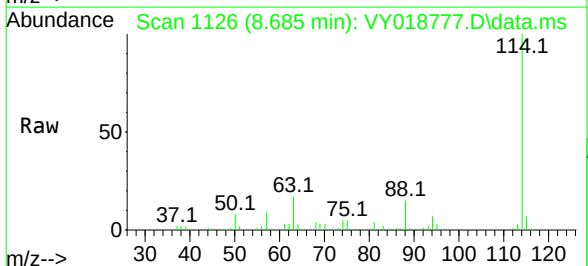




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 111
 Delta R.T. 0.006 min
 Lab File: VY018777.D
 Acq: 11 Jul 2024 14:45

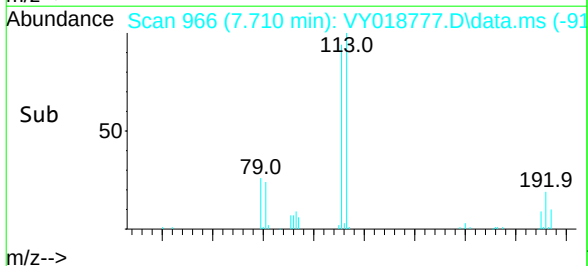
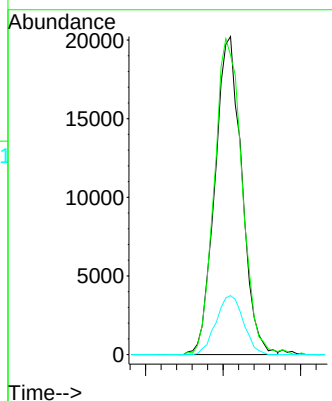
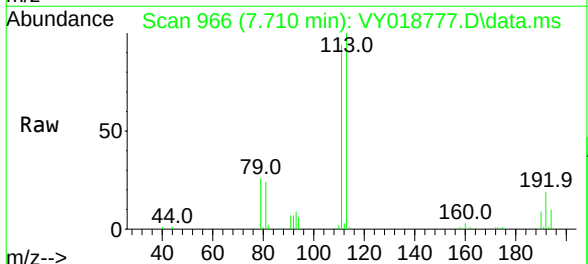
Instrument :
 MSVOA_Y
 ClientSampleId :
 FILL-MATERIAL-2

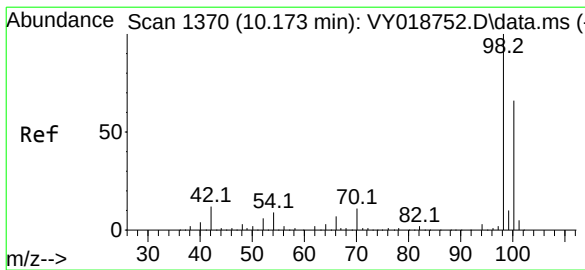
Tgt Ion:	114	Resp:	159148
Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	35.0
88	15.1	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 48.742 ug/l
 RT: 7.710 min Scan# 966
 Delta R.T. 0.006 min
 Lab File: VY018777.D
 Acq: 11 Jul 2024 14:45

Tgt Ion:	113	Resp:	48585
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.4
192	18.9	15.9	23.9





#50

Toluene-d8

Concen: 47.703 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018777.D

Acq: 11 Jul 2024 14:45

Instrument :

MSVOA_Y

ClientSampleId :

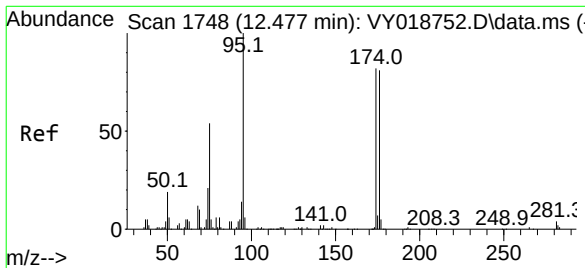
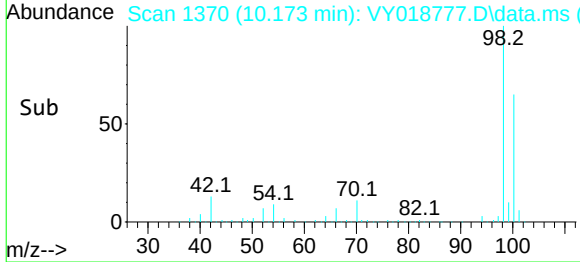
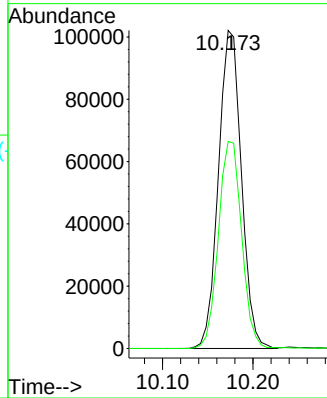
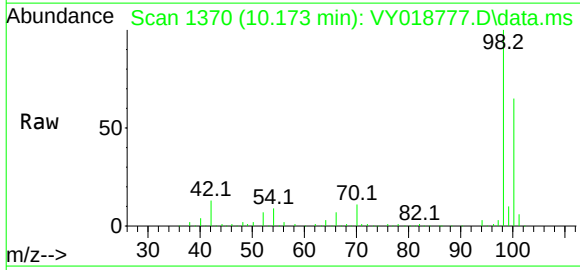
FILL-MATERIAL-2

Tgt Ion: 98 Resp: 180144

Ion Ratio Lower Upper

98 100

100 66.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 42.500 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY018777.D

Acq: 11 Jul 2024 14:45

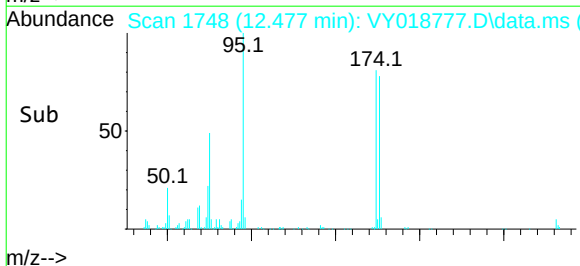
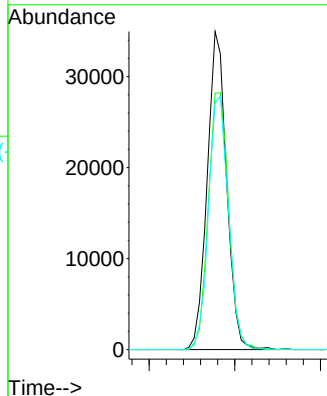
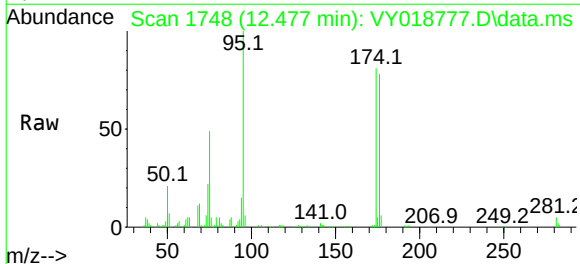
Tgt Ion: 95 Resp: 54810

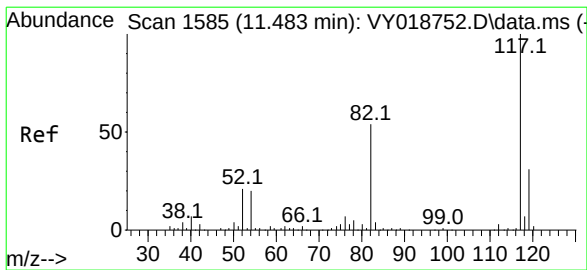
Ion Ratio Lower Upper

95 100

174 85.5 0.0 175.6

176 82.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1585

Delta R.T. 0.006 min

Lab File: VY018777.D

Acq: 11 Jul 2024 14:45

Instrument :

MSVOA_Y

ClientSampleId :

FILL-MATERIAL-2

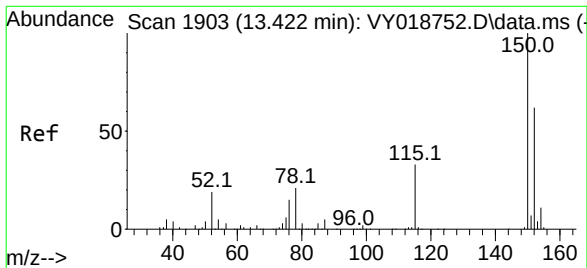
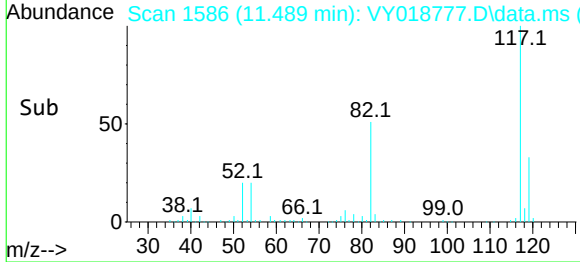
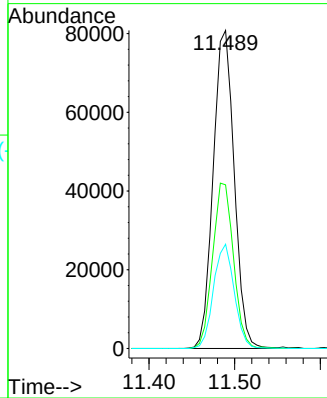
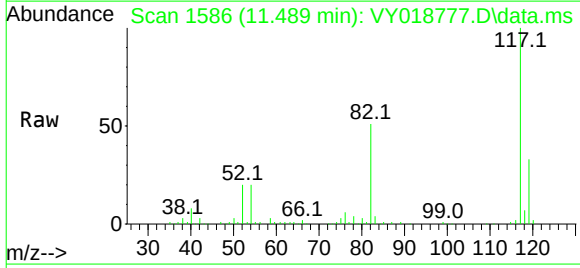
Tgt Ion:117 Resp: 138002

Ion Ratio Lower Upper

117 100

82 51.5 42.4 63.6

119 32.8 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: VY018777.D

Acq: 11 Jul 2024 14:45

Tgt Ion:152 Resp: 52141

Ion Ratio Lower Upper

152 100

115 58.0 28.2 84.7

150 160.5 0.0 345.6

