

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071024\
 Data File : VY018765.D
 Acq On : 10 Jul 2024 13:56
 Operator : SY/MD
 Sample : P3170-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-DRUMS-1RE

Quant Time: Jul 11 02:23:49 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	10339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	15469	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	11853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3620	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	4728	46.472	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.940%
35) Dibromofluoromethane	7.710	113	4828	49.832	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.660%
50) Toluene-d8	10.173	98	16554	45.099	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.200%
62) 4-Bromofluorobenzene	12.477	95	4112	32.804	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	65.600%

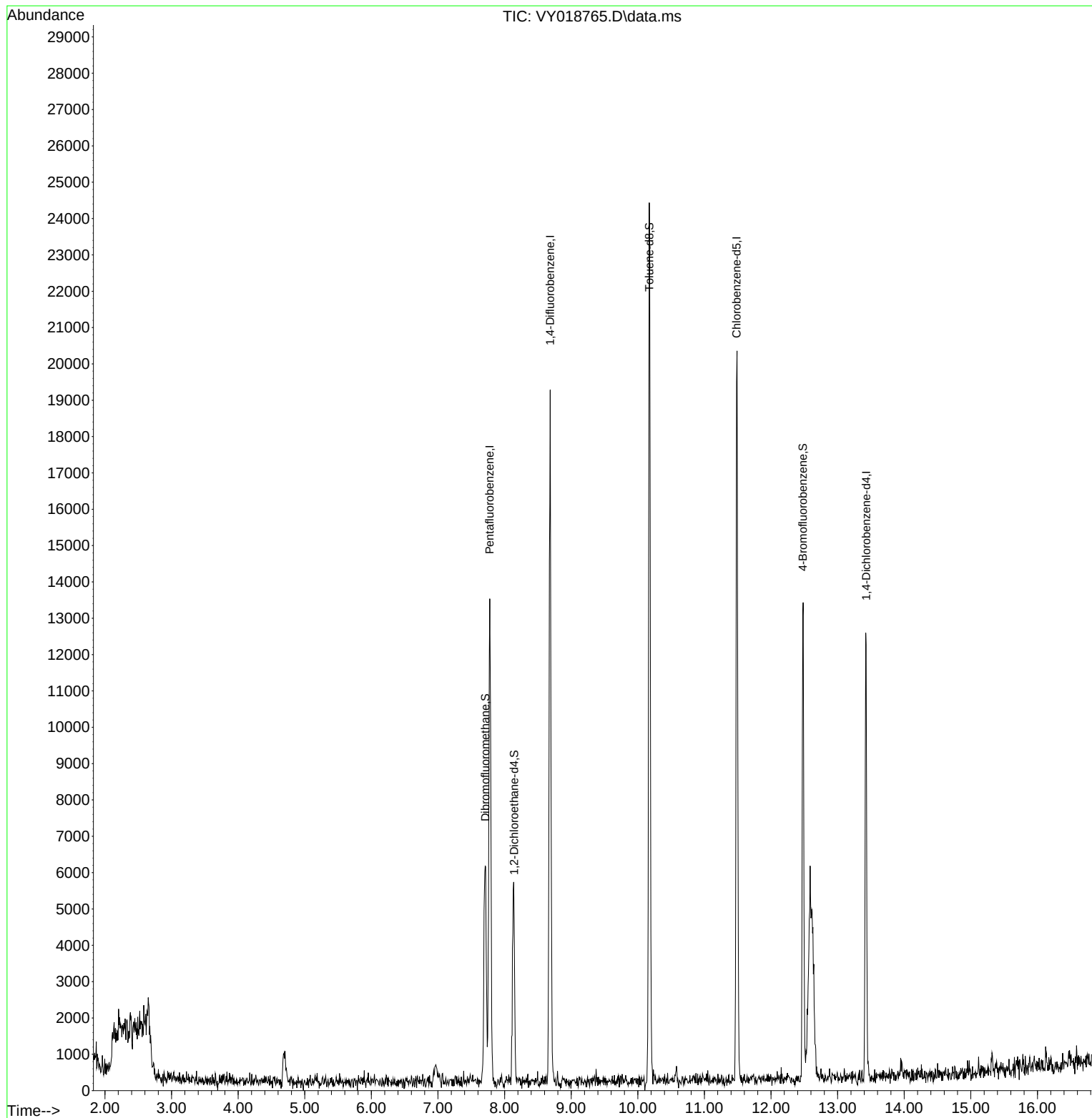
Target Compounds	Qvalue

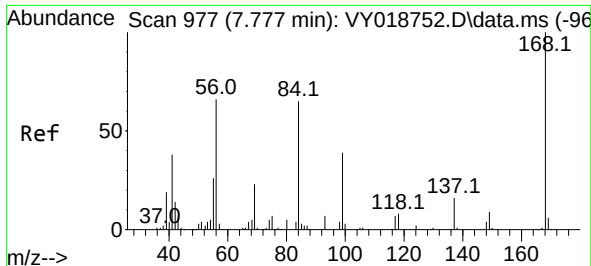
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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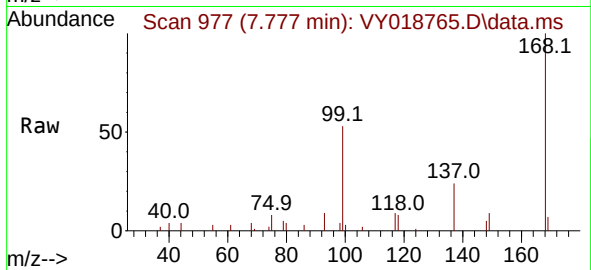
Quant Time: Jul 11 02:23:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
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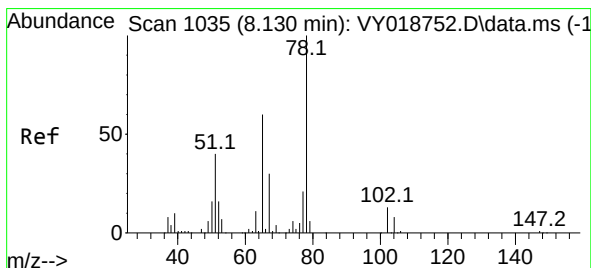
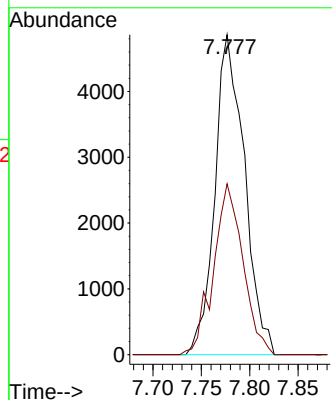
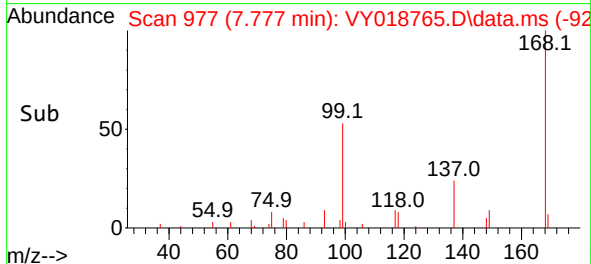


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018765.D
Acq: 10 Jul 2024 13:56

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-DRUMS-1RE

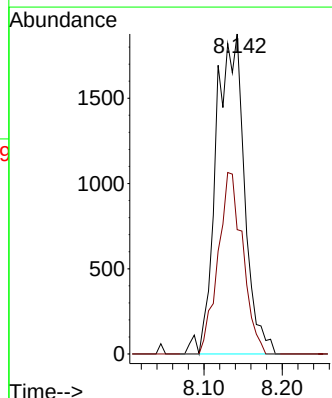
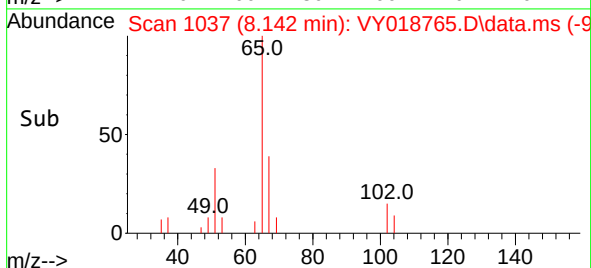
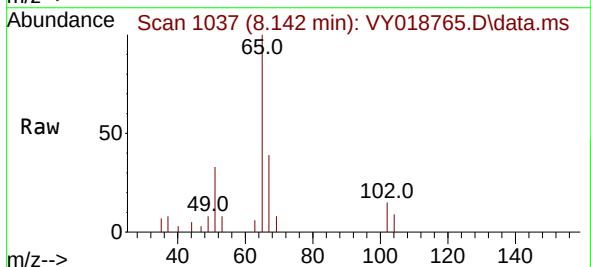


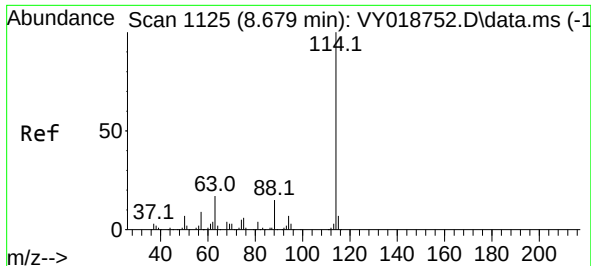
Tgt Ion:168 Resp: 10339
Ion Ratio Lower Upper
168 100
99 53.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 46.472 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.012 min
Lab File: VY018765.D
Acq: 10 Jul 2024 13:56

Tgt Ion: 65 Resp: 4728
Ion Ratio Lower Upper
65 100
67 49.2 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: VY018765.D

Acq: 10 Jul 2024 13:56

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-DRUMS-1RE

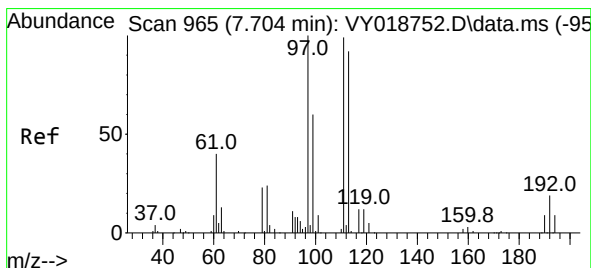
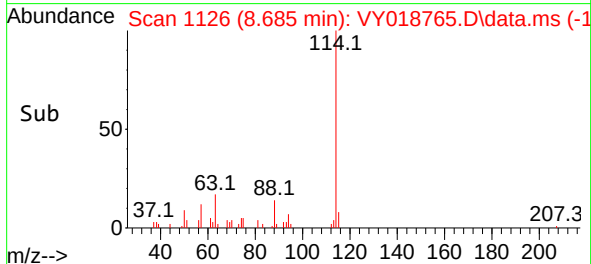
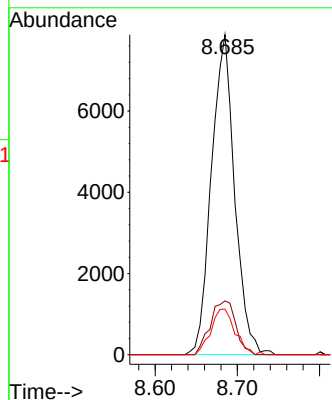
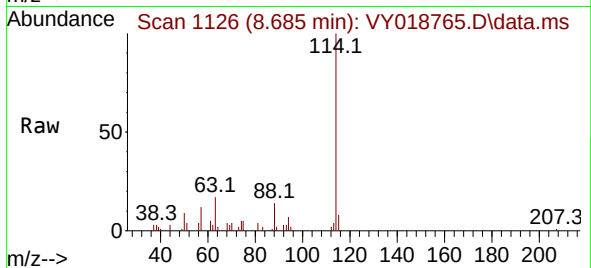
Tgt Ion:114 Resp: 15469

Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.832 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018765.D

Acq: 10 Jul 2024 13:56

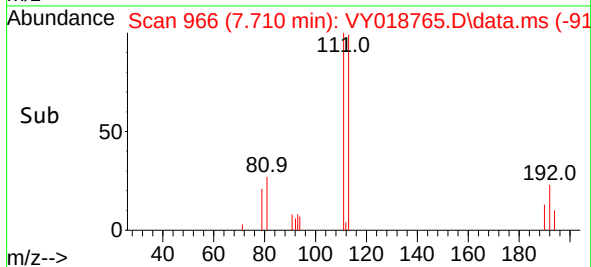
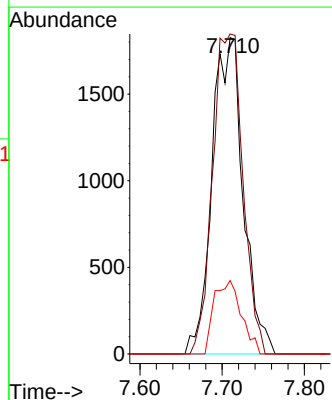
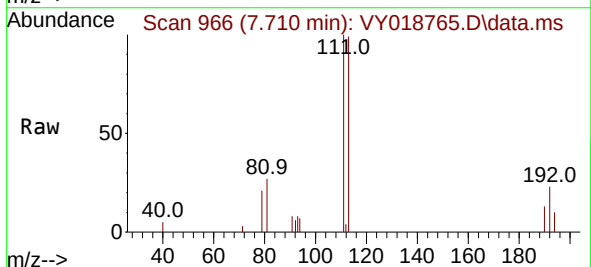
Tgt Ion:113 Resp: 4828

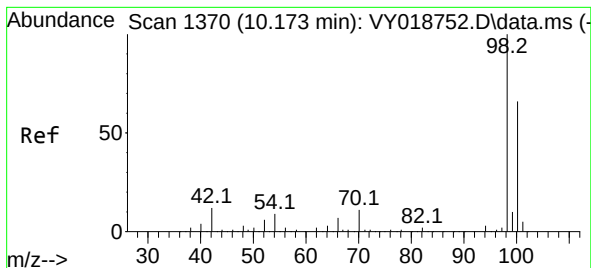
Ion Ratio Lower Upper

113 100

111 98.3 82.2 123.4

192 20.2 15.9 23.9





#50

Toluene-d8

Concen: 45.099 ug/l

RT: 10.173 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018765.D

Acq: 10 Jul 2024 13:56

Instrument :

MSVOA_Y

ClientSampleId :

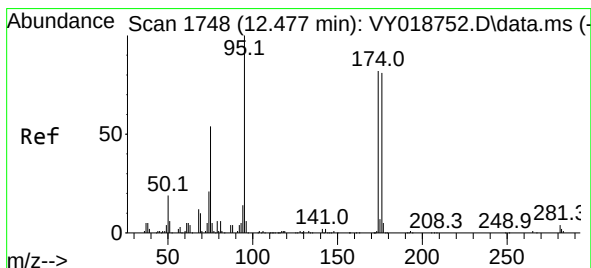
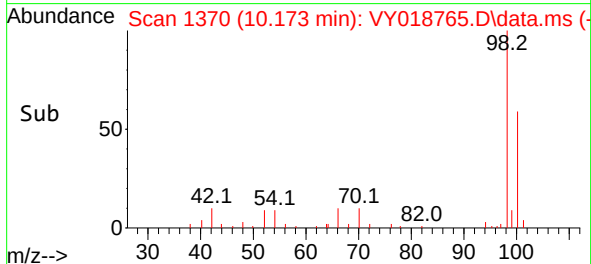
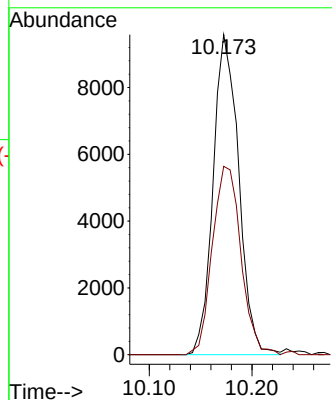
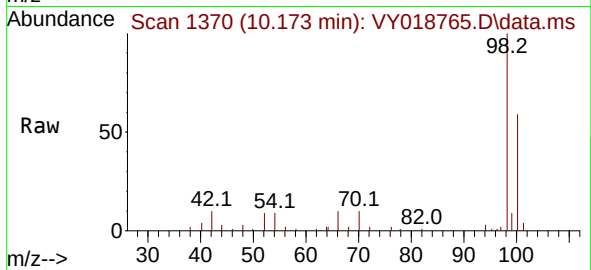
SOIL-DRUMS-1RE

Tgt Ion: 98 Resp: 16554

Ion Ratio Lower Upper

98 100

100 65.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 32.804 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY018765.D

Acq: 10 Jul 2024 13:56

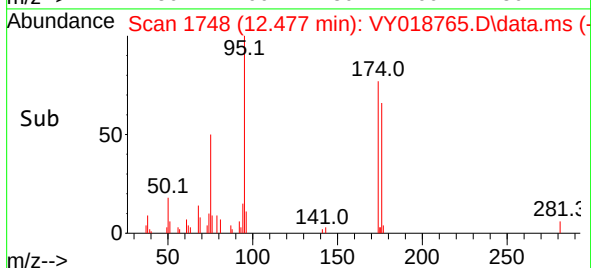
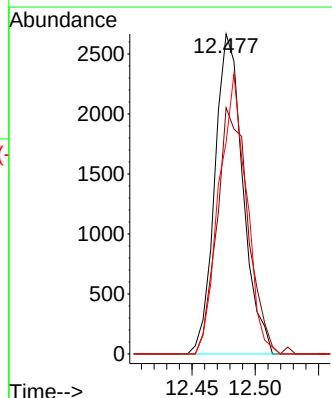
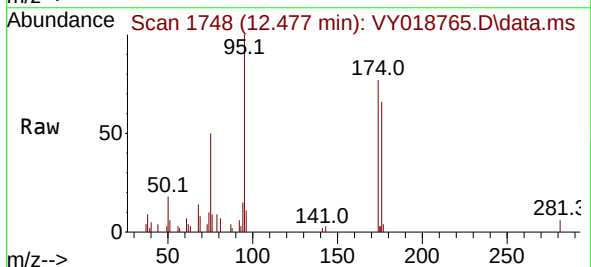
Tgt Ion: 95 Resp: 4112

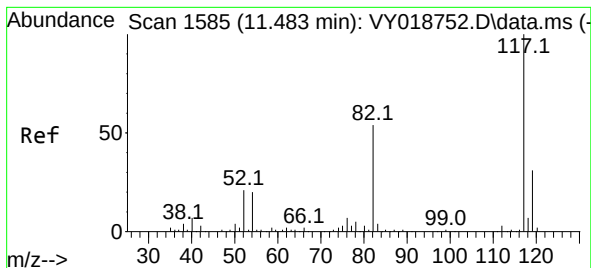
Ion Ratio Lower Upper

95 100

174 85.4 0.0 175.6

176 85.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018765.D

Acq: 10 Jul 2024 13:56

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-DRUMS-1RE

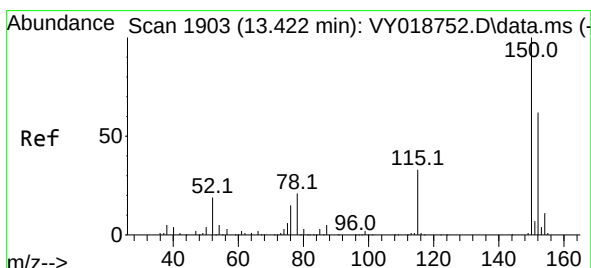
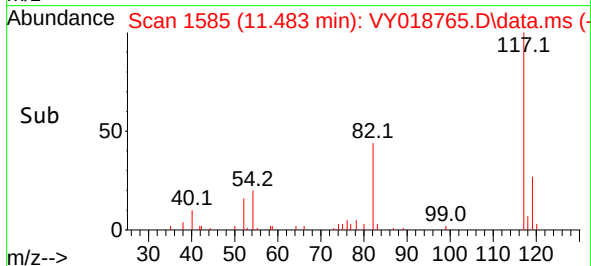
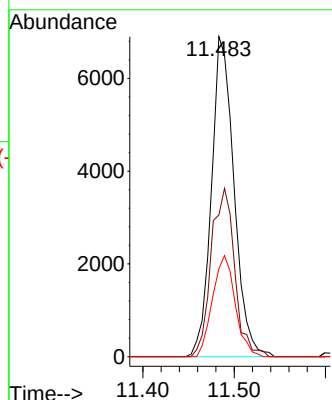
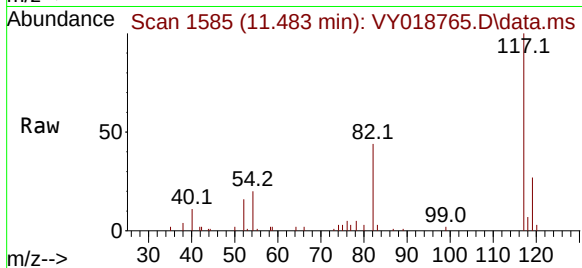
Tgt Ion:117 Resp: 11853

Ion Ratio Lower Upper

117 100

82 44.3 42.4 63.6

119 27.5 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: VY018765.D

Acq: 10 Jul 2024 13:56

Tgt Ion:152 Resp: 3620

Ion Ratio Lower Upper

152 100

115 57.5 28.2 84.7

150 147.5 0.0 345.6

