

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042924\
 Data File : VY018073.D
 Acq On : 29 Apr 2024 17:07
 Operator : SY/MD
 Sample : P2283-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EXCAV-SOIL-1

Quant Time: Apr 30 01:01:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	13260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	17992	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	13054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2670	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	5444	47.443	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.880%
35) Dibromofluoromethane	7.710	113	6301	56.766	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.540%
50) Toluene-d8	10.179	98	19010	45.134	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.260%
62) 4-Bromofluorobenzene	12.483	95	3603	27.621	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	55.240%

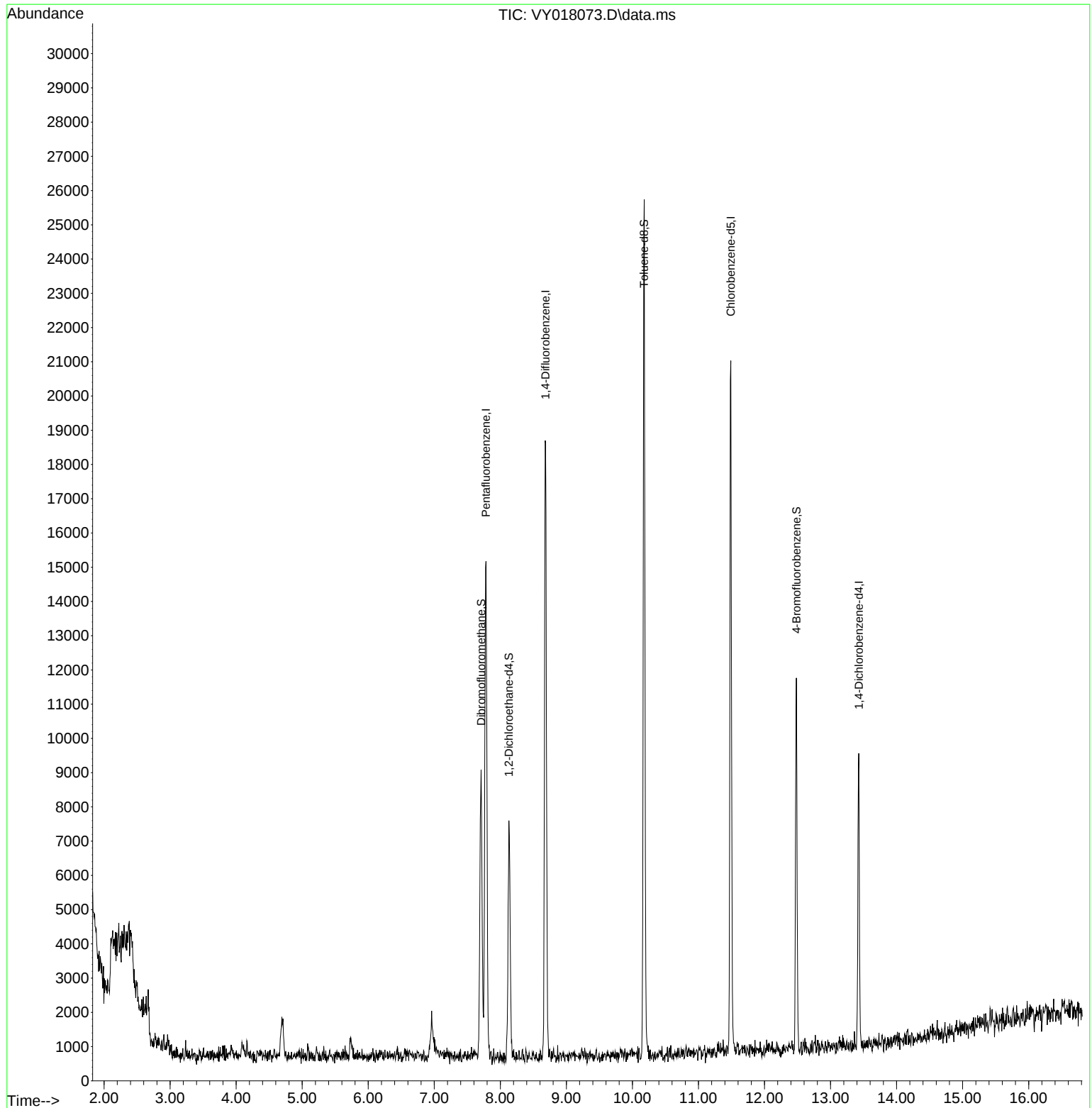
Target Compounds	Qvalue

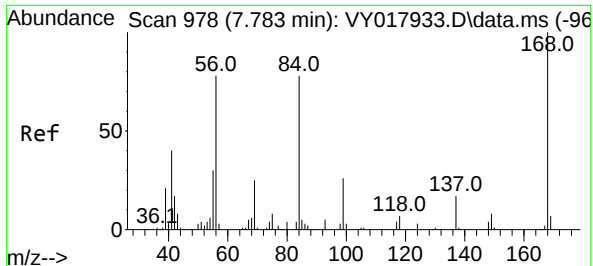
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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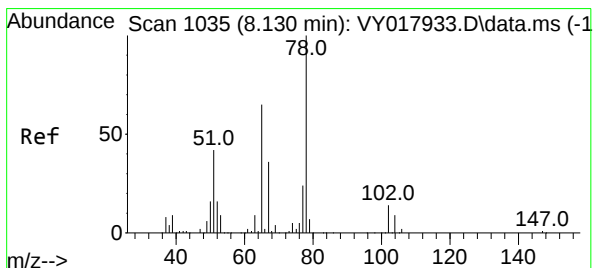
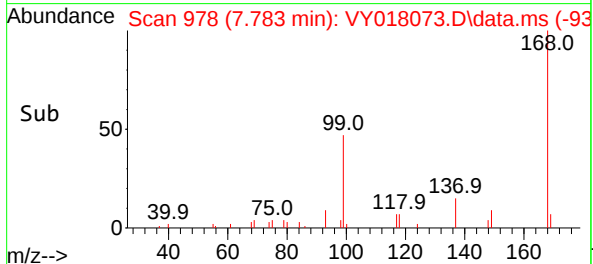
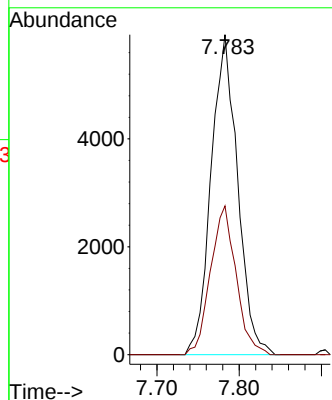
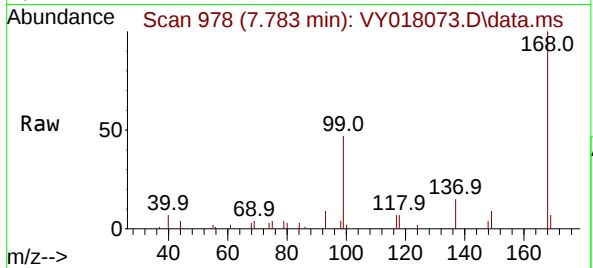




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018073.D
Acq: 29 Apr 2024 17:07

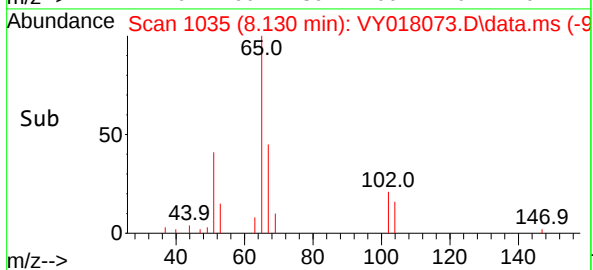
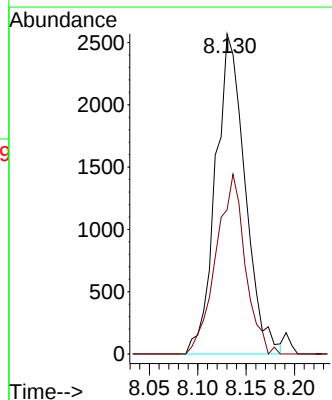
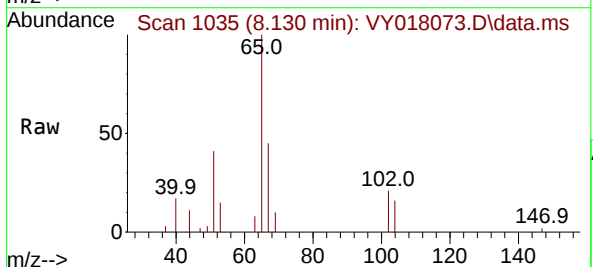
Instrument :
MSVOA_Y
ClientSampleId :
EXCAV-SOIL-1

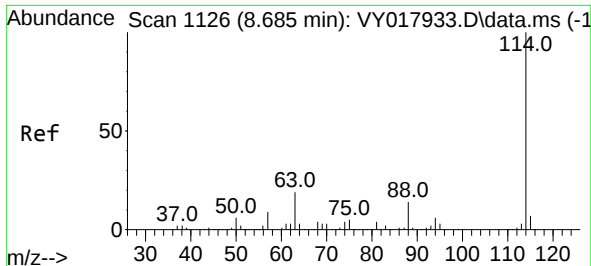
Tgt Ion:168 Resp: 13260
Ion Ratio Lower Upper
168 100
99 46.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 47.443 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.012 min
Lab File: VY018073.D
Acq: 29 Apr 2024 17:07

Tgt Ion: 65 Resp: 5444
Ion Ratio Lower Upper
65 100
67 55.4 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: VY018073.D

Acq: 29 Apr 2024 17:07

Instrument :

MSVOA_Y

ClientSampleId :

EXCAV-SOIL-1

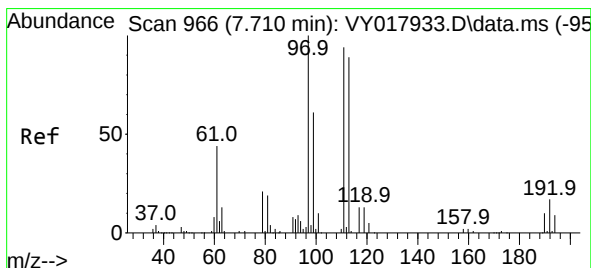
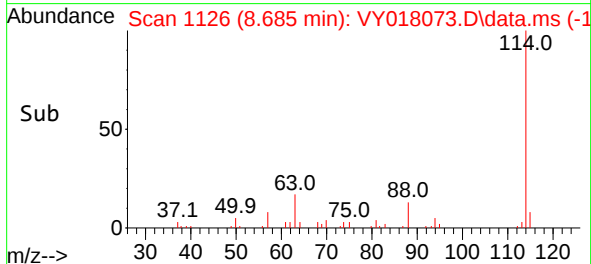
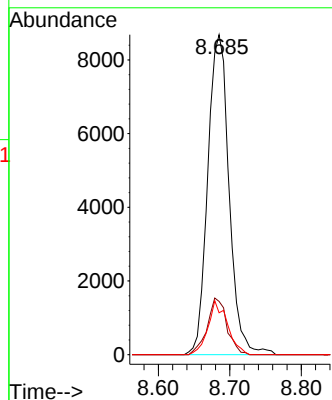
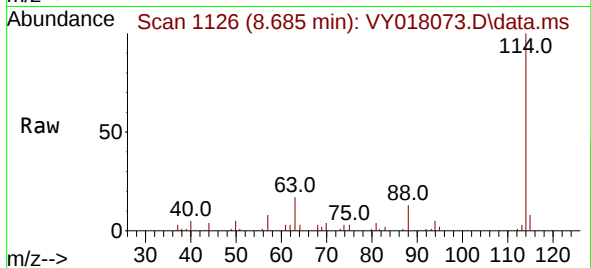
Tgt Ion:114 Resp: 17992

Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

88 13.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 56.766 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.012 min

Lab File: VY018073.D

Acq: 29 Apr 2024 17:07

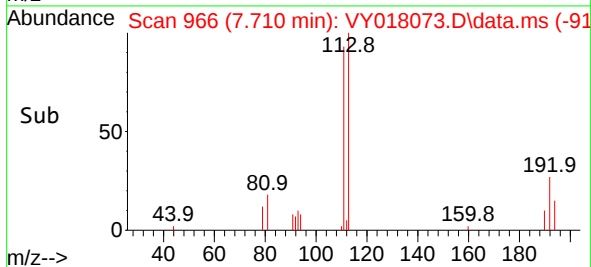
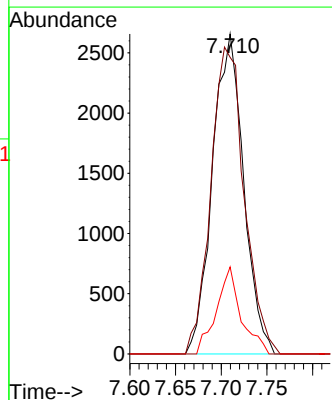
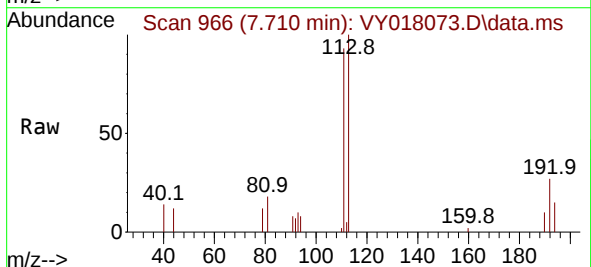
Tgt Ion:113 Resp: 6301

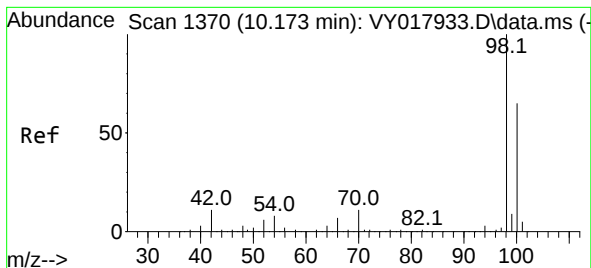
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 21.5 15.9 23.9





#50

Toluene-d8

Concen: 45.134 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018073.D

Acq: 29 Apr 2024 17:07

Instrument :

MSVOA_Y

ClientSampleId :

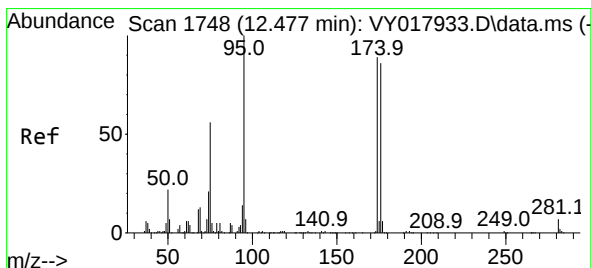
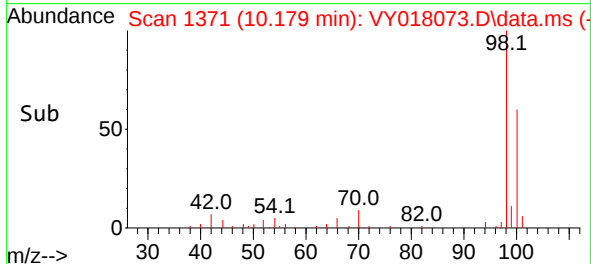
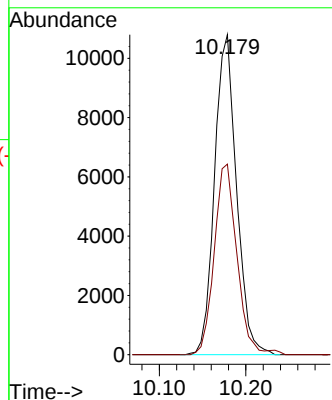
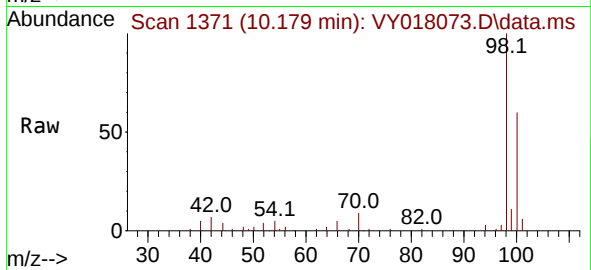
EXCAV-SOIL-1

Tgt Ion: 98 Resp: 19010

Ion Ratio Lower Upper

98 100

100 61.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 27.621 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018073.D

Acq: 29 Apr 2024 17:07

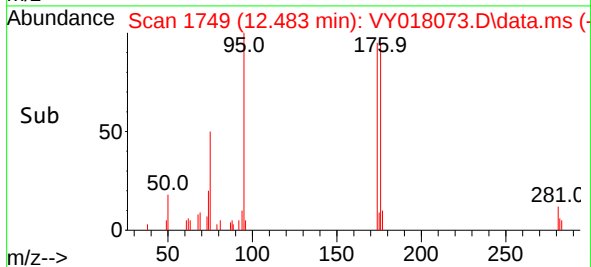
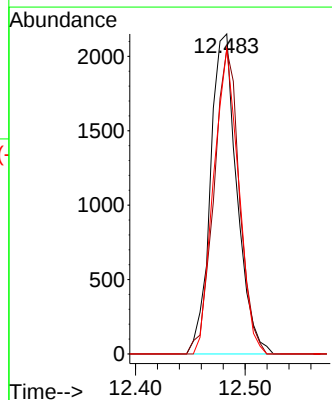
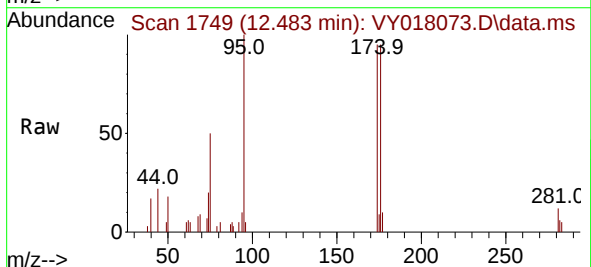
Tgt Ion: 95 Resp: 3603

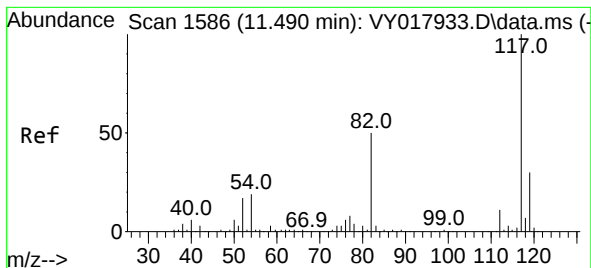
Ion Ratio Lower Upper

95 100

174 92.3 0.0 175.6

176 90.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018073.D

Acq: 29 Apr 2024 17:07

Instrument :

MSVOA_Y

ClientSampleId :

EXCAV-SOIL-1

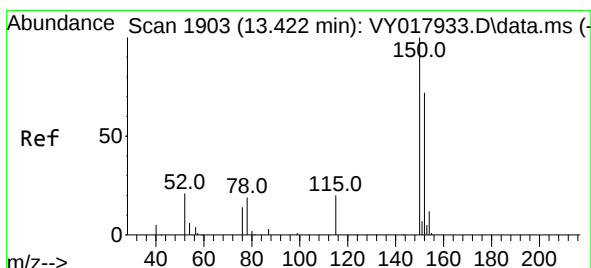
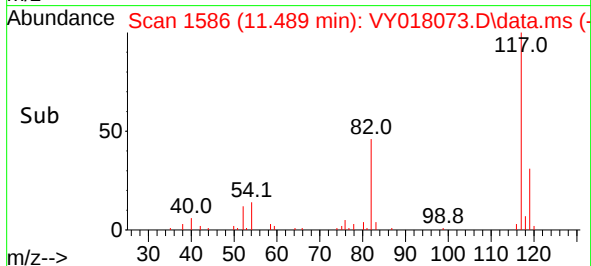
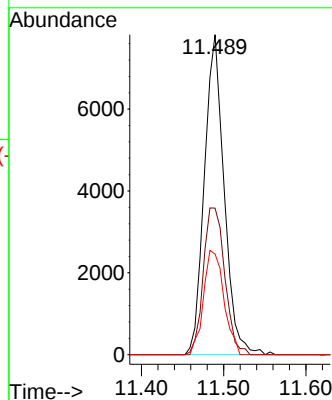
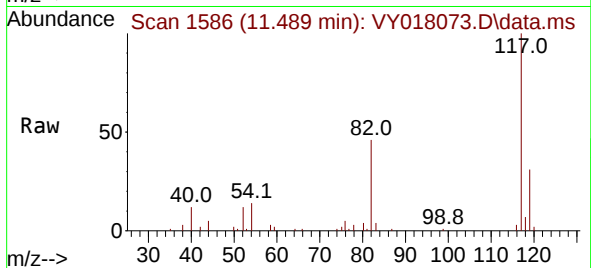
Tgt Ion:117 Resp: 13054

Ion Ratio Lower Upper

117 100

82 45.8 42.4 63.6

119 31.5 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY018073.D

Acq: 29 Apr 2024 17:07

Tgt Ion:152 Resp: 2670

Ion Ratio Lower Upper

152 100

115 50.9 28.2 84.7

150 160.8 0.0 345.6

