

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042324\
 Data File : VY018021.D
 Acq On : 23 Apr 2024 12:13
 Operator : SY/MD
 Sample : P2228-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EXCAVATION-SOIL

Quant Time: Apr 24 01:13:35 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	7.789	168	279444	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	508920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	451314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	174245	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	142193	58.800	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.600%
35) Dibromofluoromethane	7.716	113	164774	52.480	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.960%
50) Toluene-d8	10.185	98	593421	49.810	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.620%
62) 4-Bromofluorobenzene	12.483	95	163357	44.274	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.540%

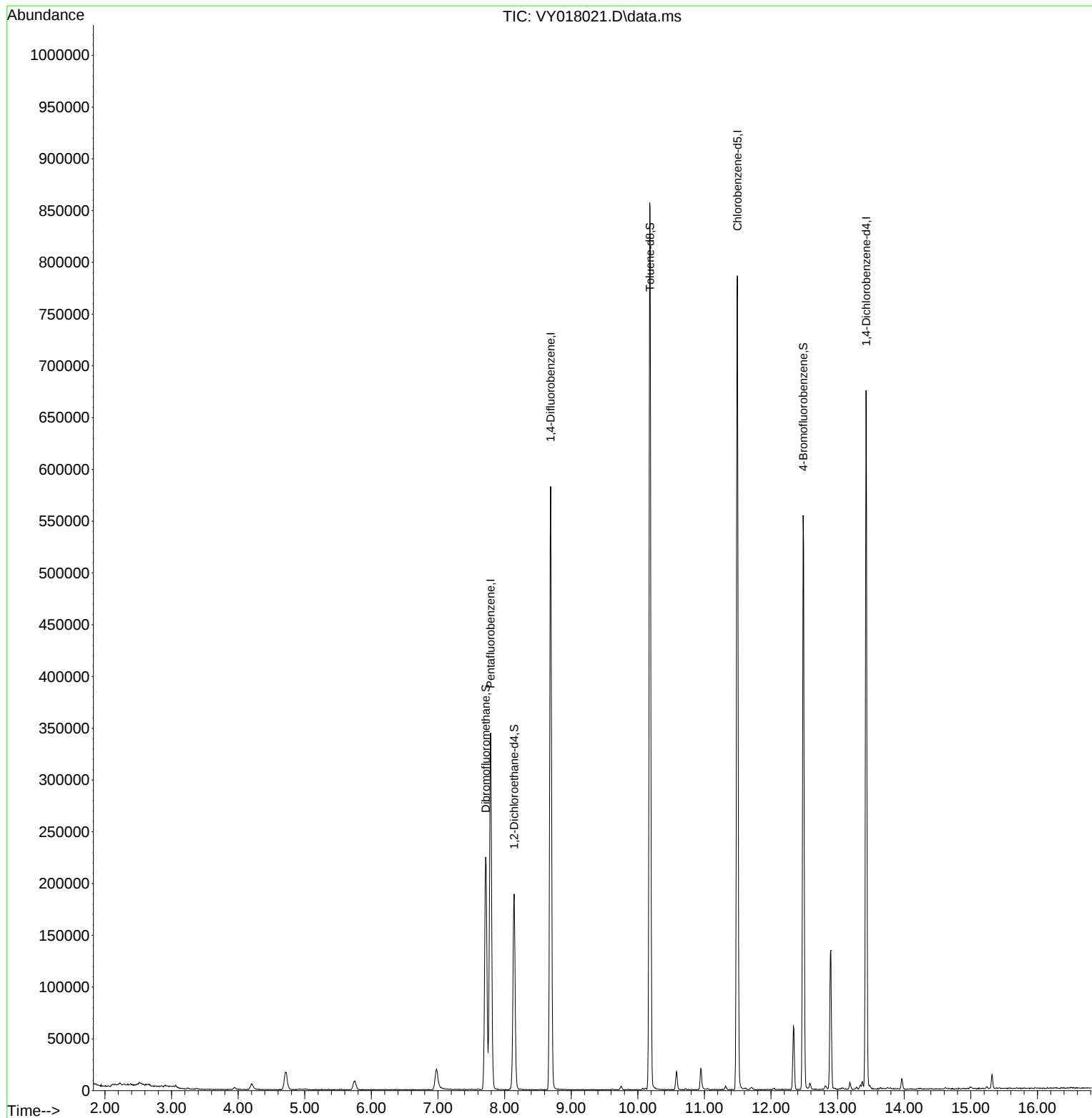
Target Compounds	Qvalue

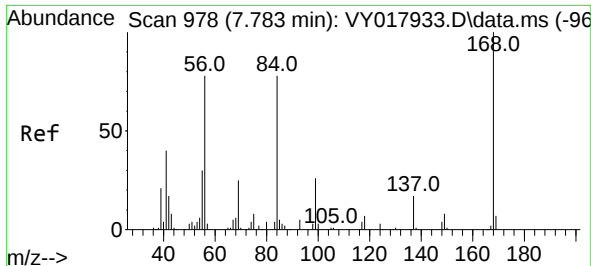
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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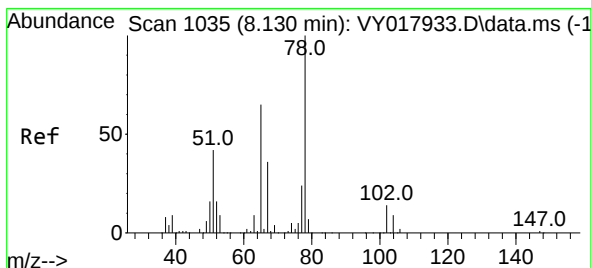
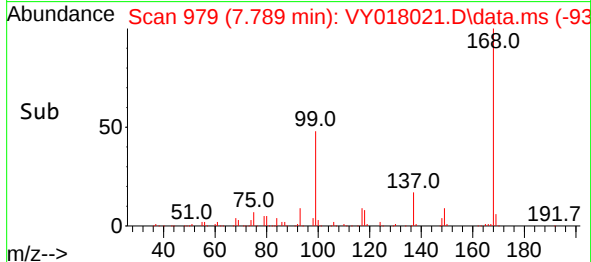
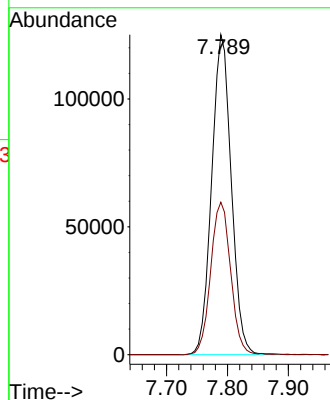
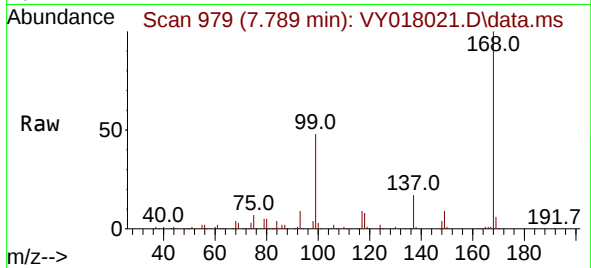




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018021.D
Acq: 23 Apr 2024 12:13

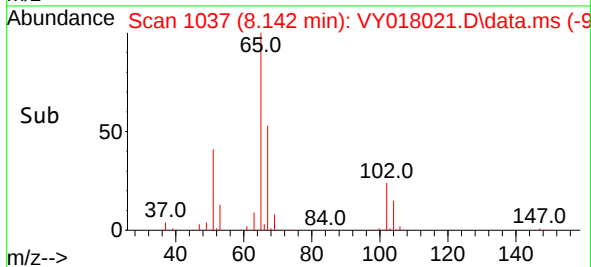
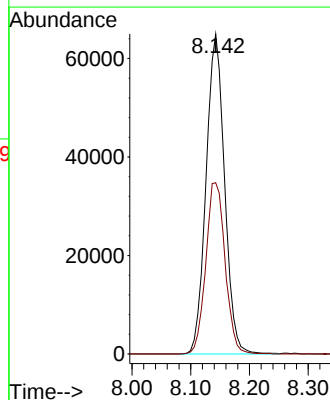
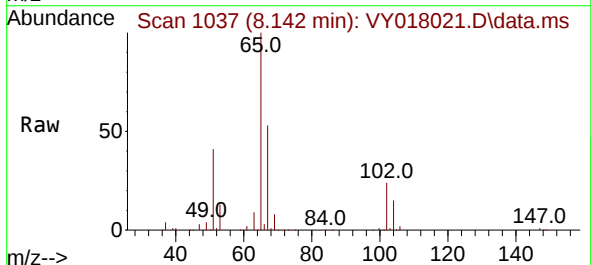
Instrument :
MSVOA_Y
ClientSampleId :
EXCAVATION-SOIL

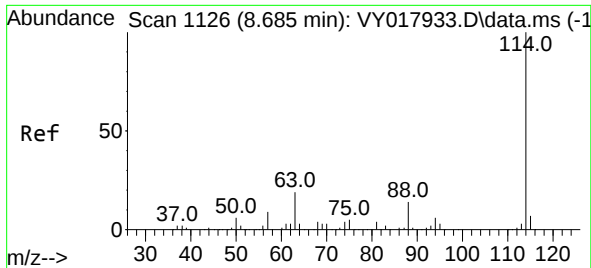
Tgt Ion:168 Resp: 279444
Ion Ratio Lower Upper
168 100
99 47.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 58.800 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY018021.D
Acq: 23 Apr 2024 12:13

Tgt Ion: 65 Resp: 142193
Ion Ratio Lower Upper
65 100
67 55.9 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY018021.D

Acq: 23 Apr 2024 12:13

Instrument :

MSVOA_Y

ClientSampleId :

EXCAVATION-SOIL

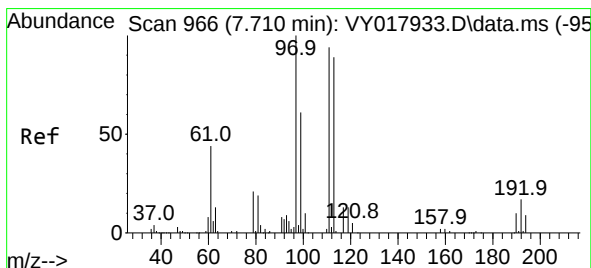
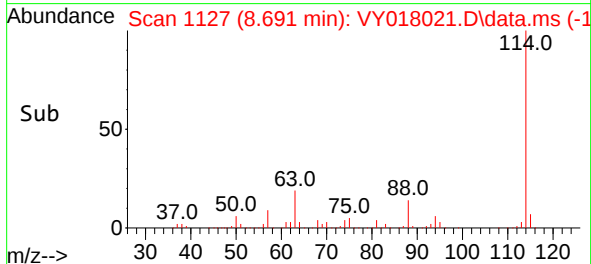
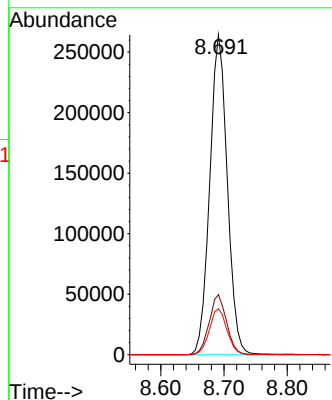
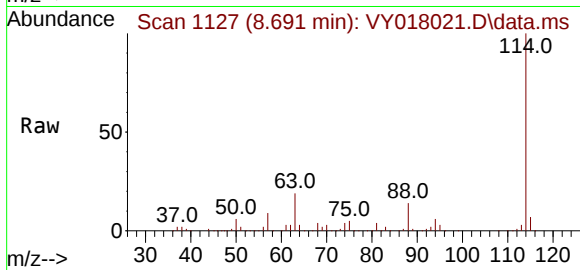
Tgt Ion:114 Resp: 508920

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.0

88 14.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.480 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY018021.D

Acq: 23 Apr 2024 12:13

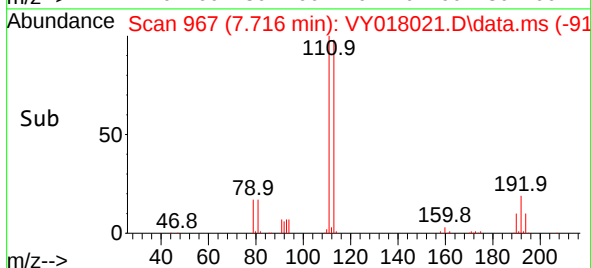
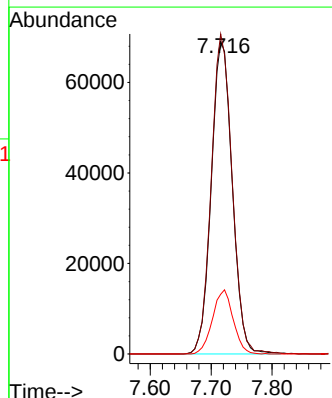
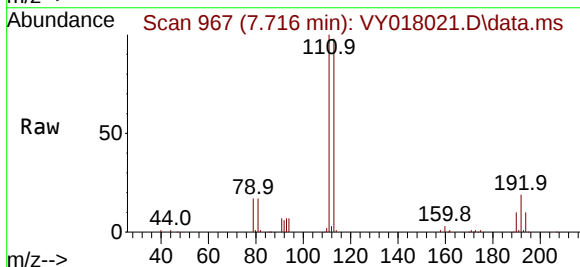
Tgt Ion:113 Resp: 164774

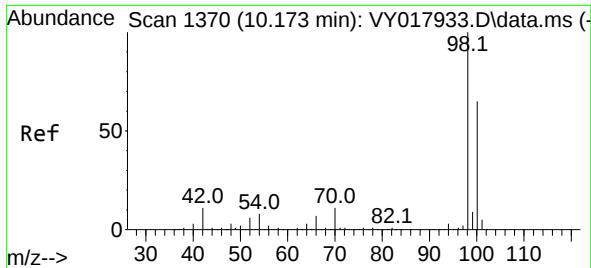
Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

192 20.2 15.9 23.9

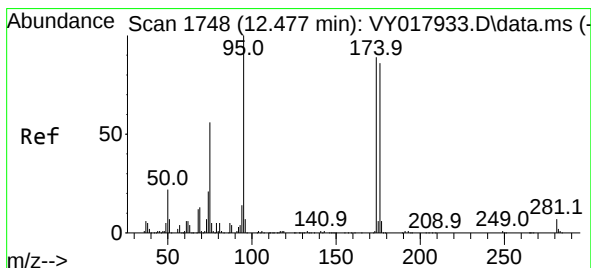
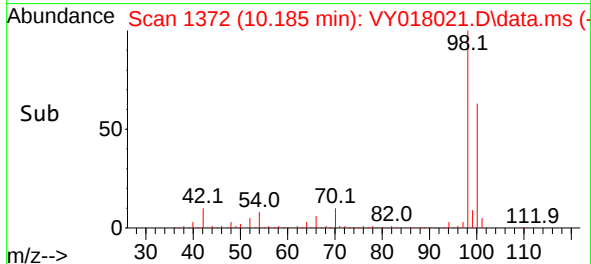
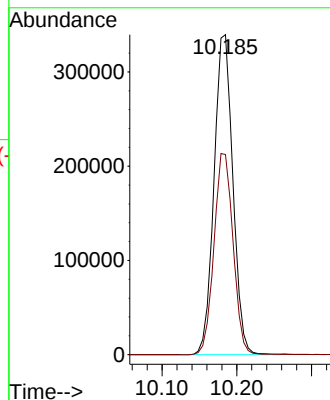
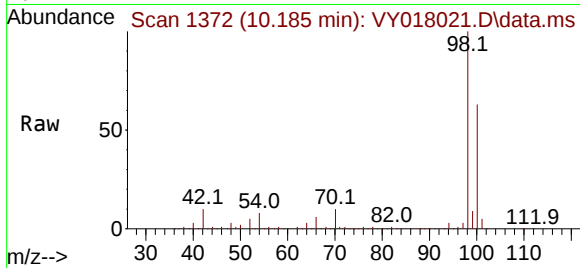




#50
Toluene-d8
Concen: 49.810 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018021.D
Acq: 23 Apr 2024 12:13

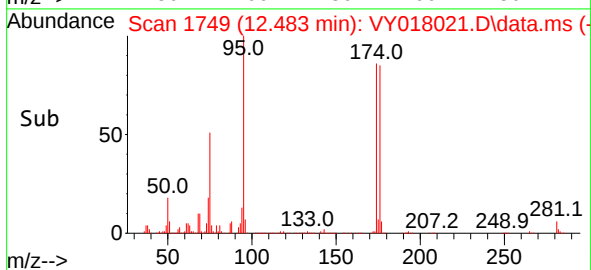
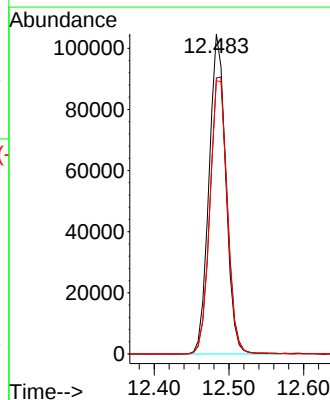
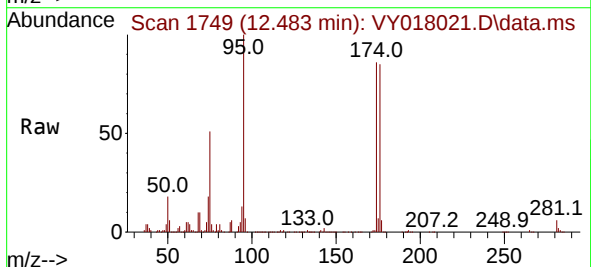
Instrument :
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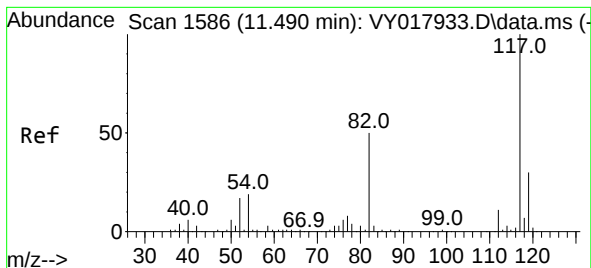
Tgt Ion: 98 Resp: 593421
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.274 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018021.D
Acq: 23 Apr 2024 12:13

Tgt Ion: 95 Resp: 163357
Ion Ratio Lower Upper
95 100
174 89.7 0.0 175.6
176 88.3 0.0 171.4

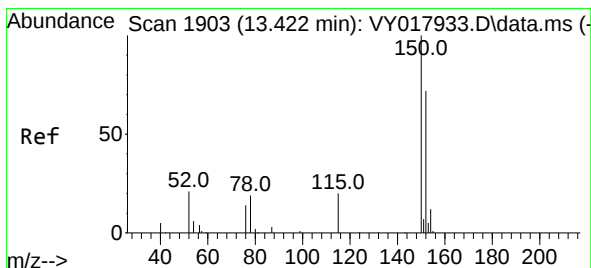
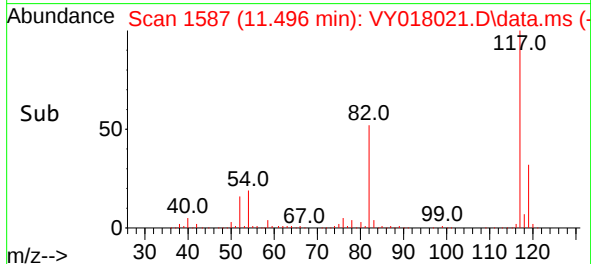
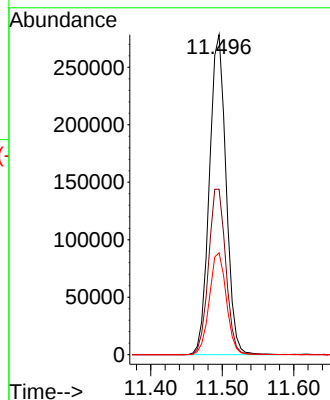
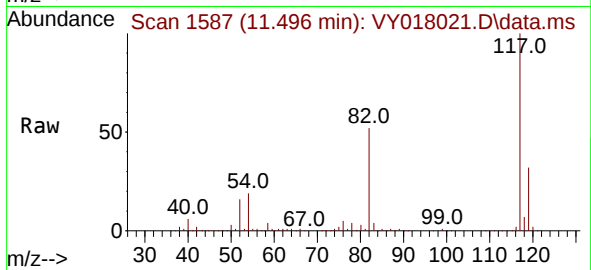




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018021.D
Acq: 23 Apr 2024 12:13

Instrument :
MSVOA_Y
ClientSampleId :
EXCAVATION-SOIL

Tgt Ion:117 Resp: 451314
Ion Ratio Lower Upper
117 100
82 51.7 42.4 63.6
119 31.9 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: VY018021.D
Acq: 23 Apr 2024 12:13

Tgt Ion:152 Resp: 174245
Ion Ratio Lower Upper
152 100
115 56.5 28.2 84.7
150 157.4 0.0 345.6

