

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040524\
 Data File : VY017865.D
 Acq On : 05 Apr 2024 12:56
 Operator : SY/MD
 Sample : P1974-04RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-2RE

Quant Time: Apr 06 04:46:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

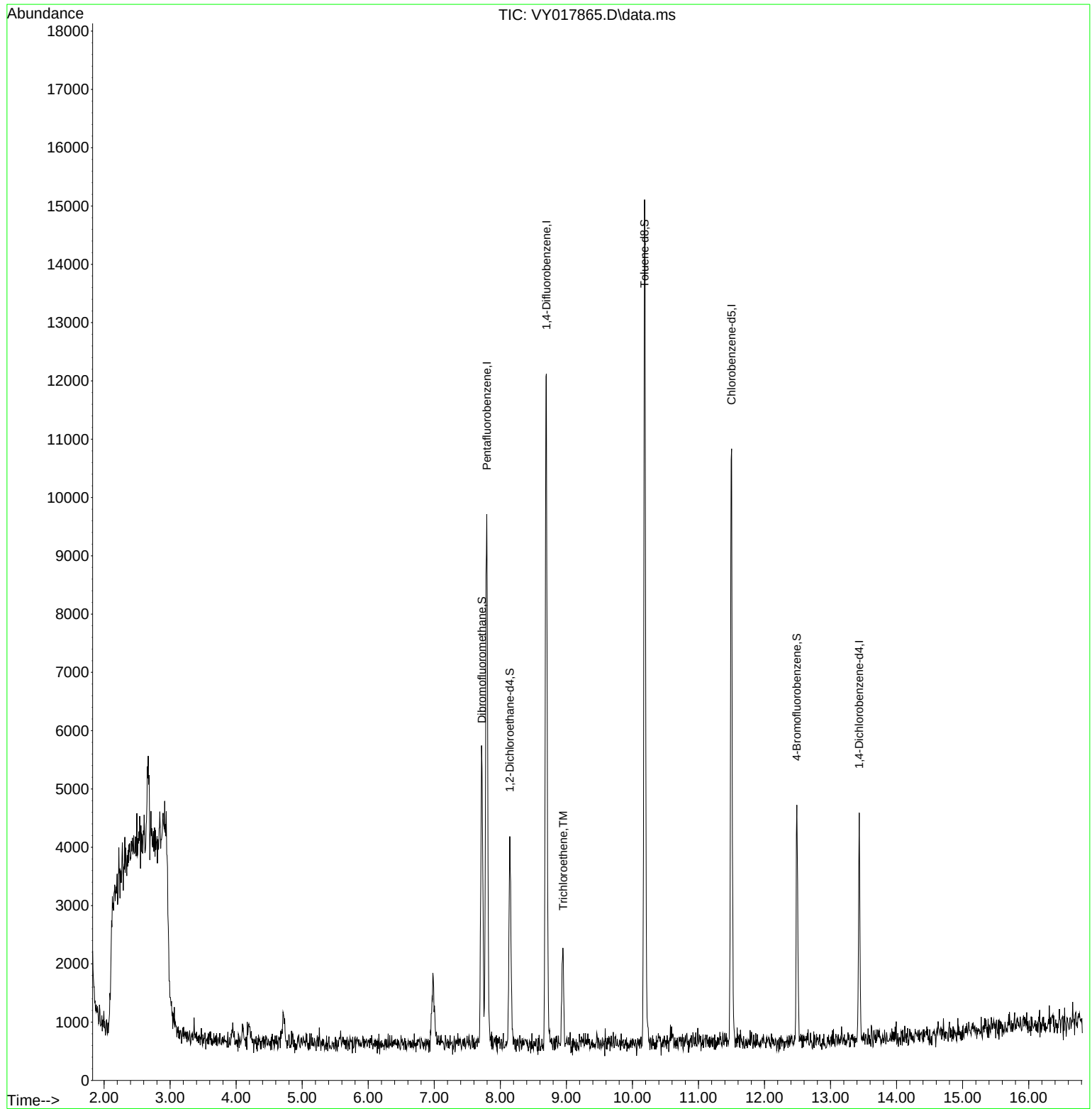
Internal Standards						
1) Pentafluorobenzene	7.795	168	7569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	10345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	6481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	1151	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	2711	41.391	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.780%
35) Dibromofluoromethane	7.722	113	3663	61.277	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.560%
50) Toluene-d8	10.185	98	10624	47.578	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.160%
62) 4-Bromofluorobenzene	12.489	95	1405	20.681	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	41.360%
Target Compounds						
44) Trichloroethene	8.953	130	729	10.424	ug/l	Qvalue 86

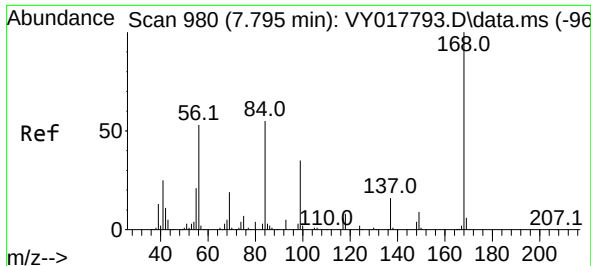
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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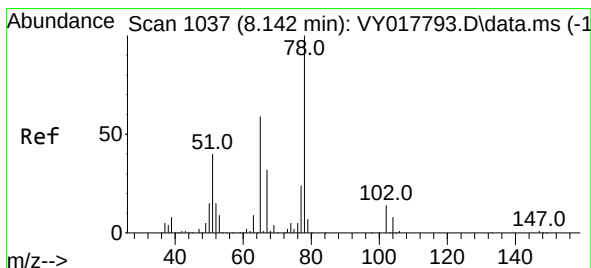
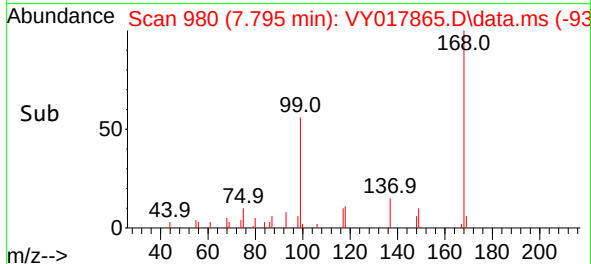
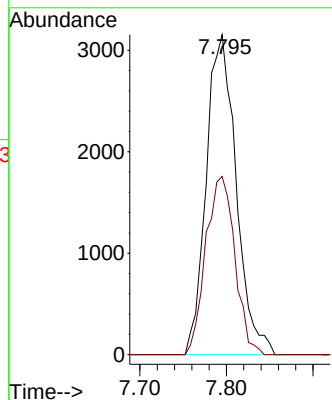
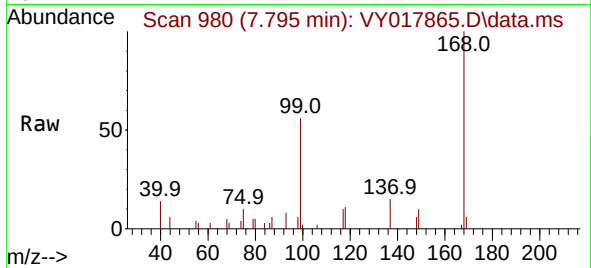




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY017865.D
Acq: 05 Apr 2024 12:56

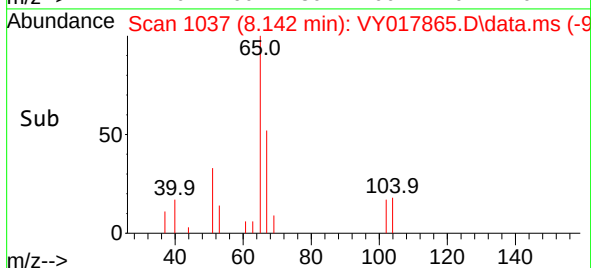
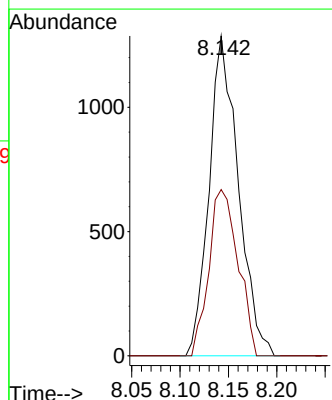
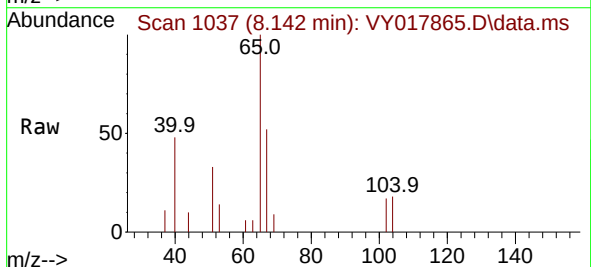
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-2RE

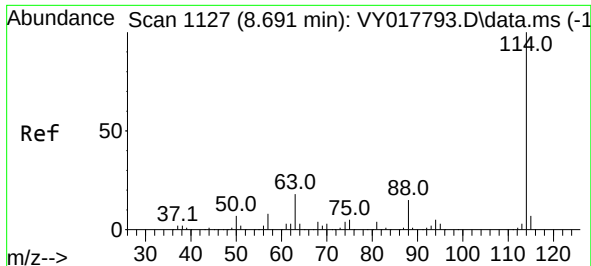
Tgt Ion:168 Resp: 7569
Ion Ratio Lower Upper
168 100
99 55.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 41.391 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017865.D
Acq: 05 Apr 2024 12:56

Tgt Ion: 65 Resp: 2711
Ion Ratio Lower Upper
65 100
67 51.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY017865.D

Acq: 05 Apr 2024 12:56

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-2RE

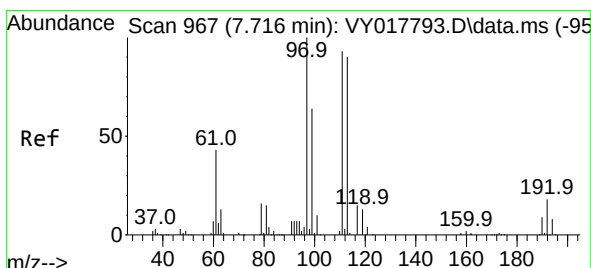
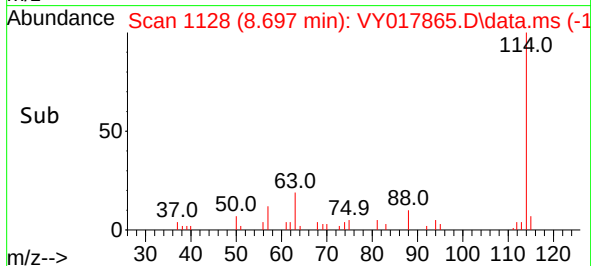
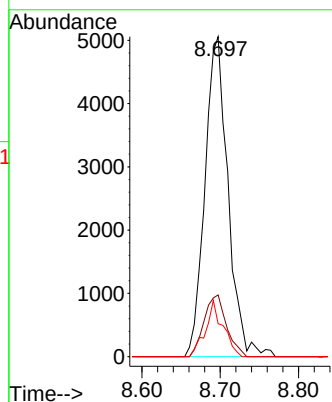
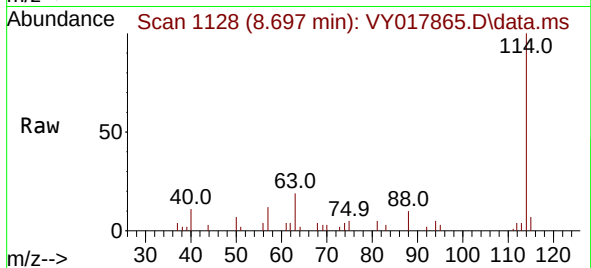
Tgt Ion:114 Resp: 10345

Ion Ratio Lower Upper

114 100

63 19.3 0.0 35.0

88 10.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 61.277 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017865.D

Acq: 05 Apr 2024 12:56

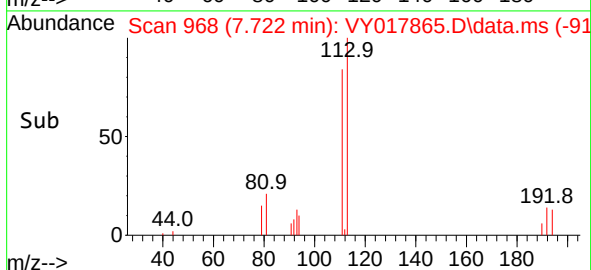
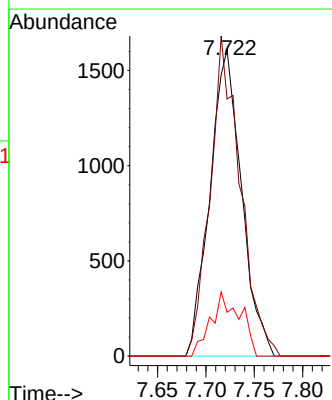
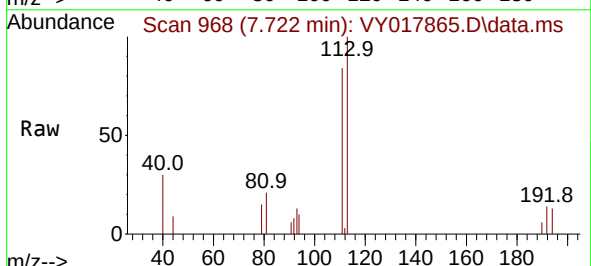
Tgt Ion:113 Resp: 3663

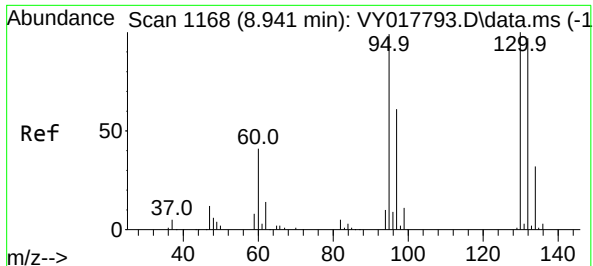
Ion Ratio Lower Upper

113 100

111 99.2 82.2 123.4

192 19.1 15.9 23.9

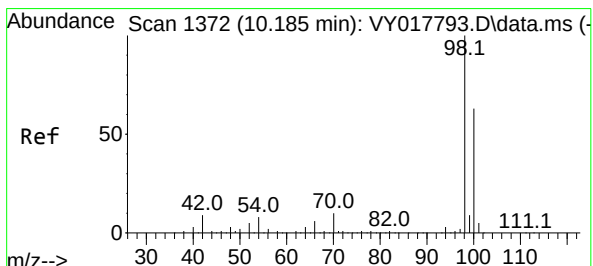
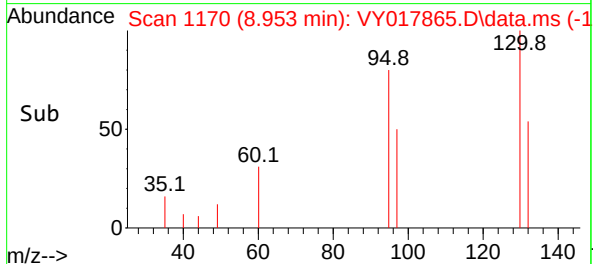
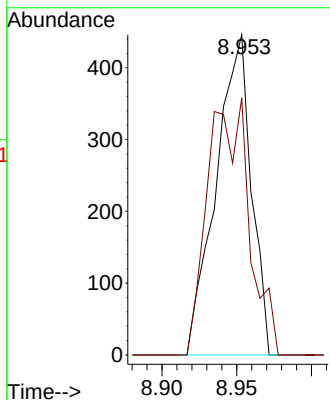
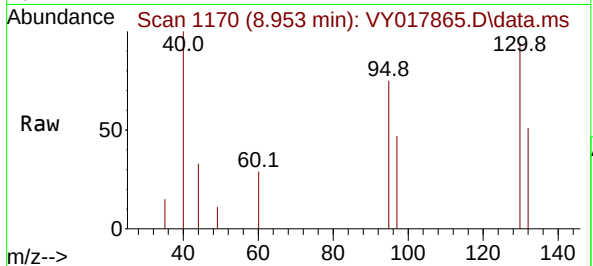




#44
 Trichloroethene
 Concen: 10.424 ug/l
 RT: 8.953 min Scan# 1168
 Delta R.T. 0.012 min
 Lab File: VY017865.D
 Acq: 05 Apr 2024 12:56

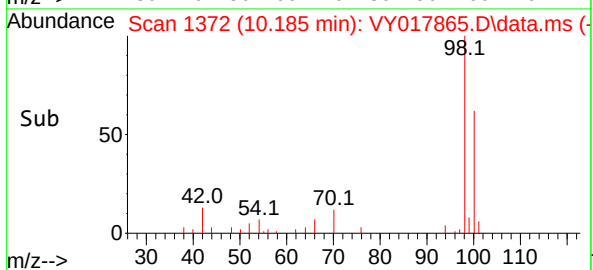
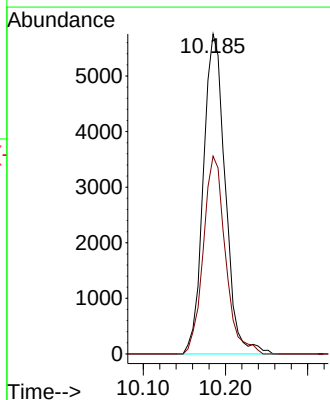
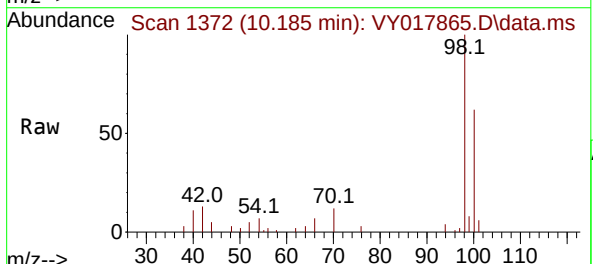
Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-2RE

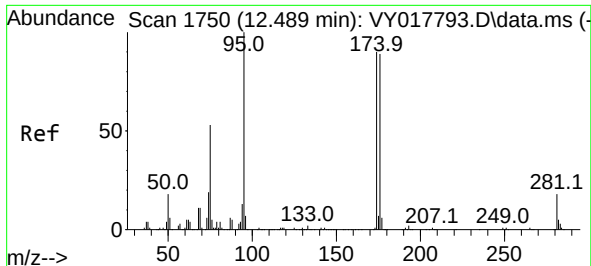
Tgt Ion:130 Resp: 729
 Ion Ratio Lower Upper
 130 100
 95 80.3 0.0 188.0



#50
 Toluene-d8
 Concen: 47.578 ug/l
 RT: 10.185 min Scan# 1372
 Delta R.T. 0.000 min
 Lab File: VY017865.D
 Acq: 05 Apr 2024 12:56

Tgt Ion: 98 Resp: 10624
 Ion Ratio Lower Upper
 98 100
 100 62.5 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 20.681 ug/l

RT: 12.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017865.D

Acq: 05 Apr 2024 12:56

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-2RE

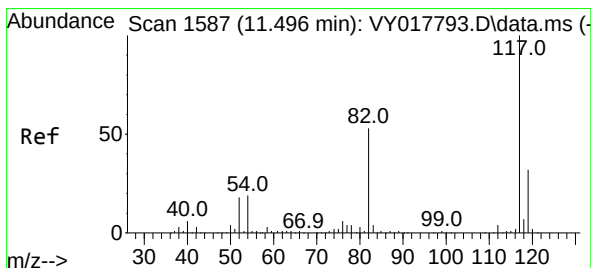
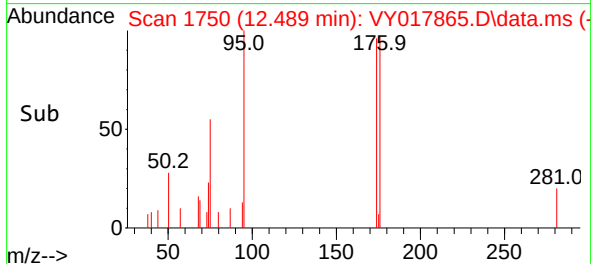
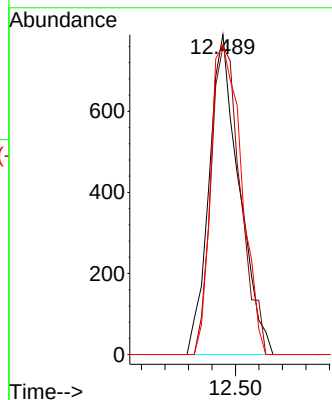
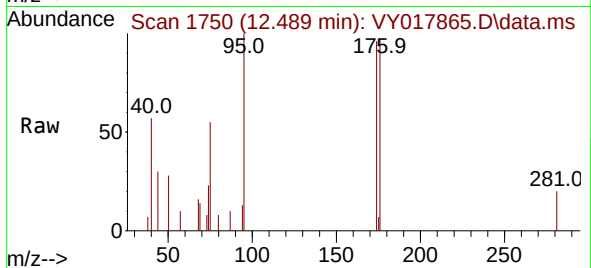
Tgt Ion: 95 Resp: 1405

Ion Ratio Lower Upper

95 100

174 94.1 0.0 175.6

176 98.8 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 1588

Delta R.T. 0.006 min

Lab File: VY017865.D

Acq: 05 Apr 2024 12:56

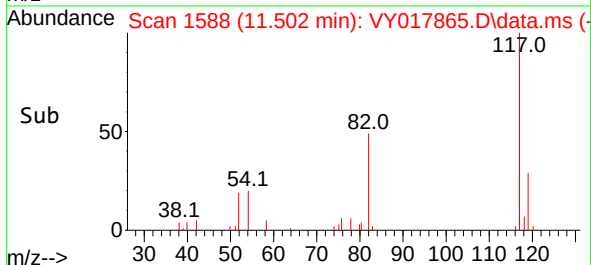
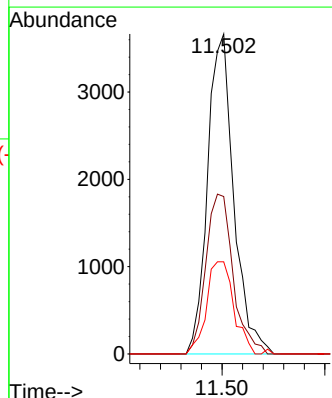
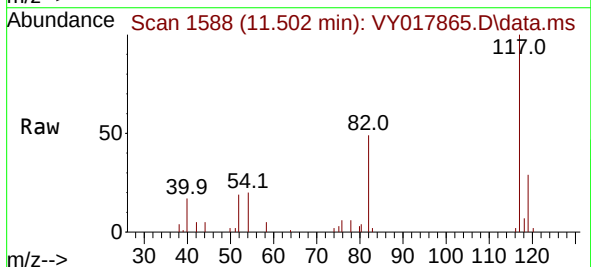
Tgt Ion: 117 Resp: 6481

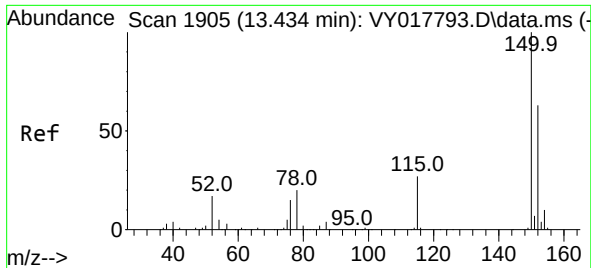
Ion Ratio Lower Upper

117 100

82 49.2 42.4 63.6

119 28.8 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY017865.D
 Acq: 05 Apr 2024 12:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-2RE

Tgt Ion:152 Resp: 1151
 Ion Ratio Lower Upper
 152 100
 115 48.5 28.2 84.7
 150 155.8 0.0 345.6

