

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051523\
 Data File : VY013730.D
 Acq On : 15 May 2023 12:32
 Operator : KP/MD
 Sample : 02724-01
 Misc : 5.14g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOPSOIL-OU3-GRILLO-1

Quant Time: May 16 01:29:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

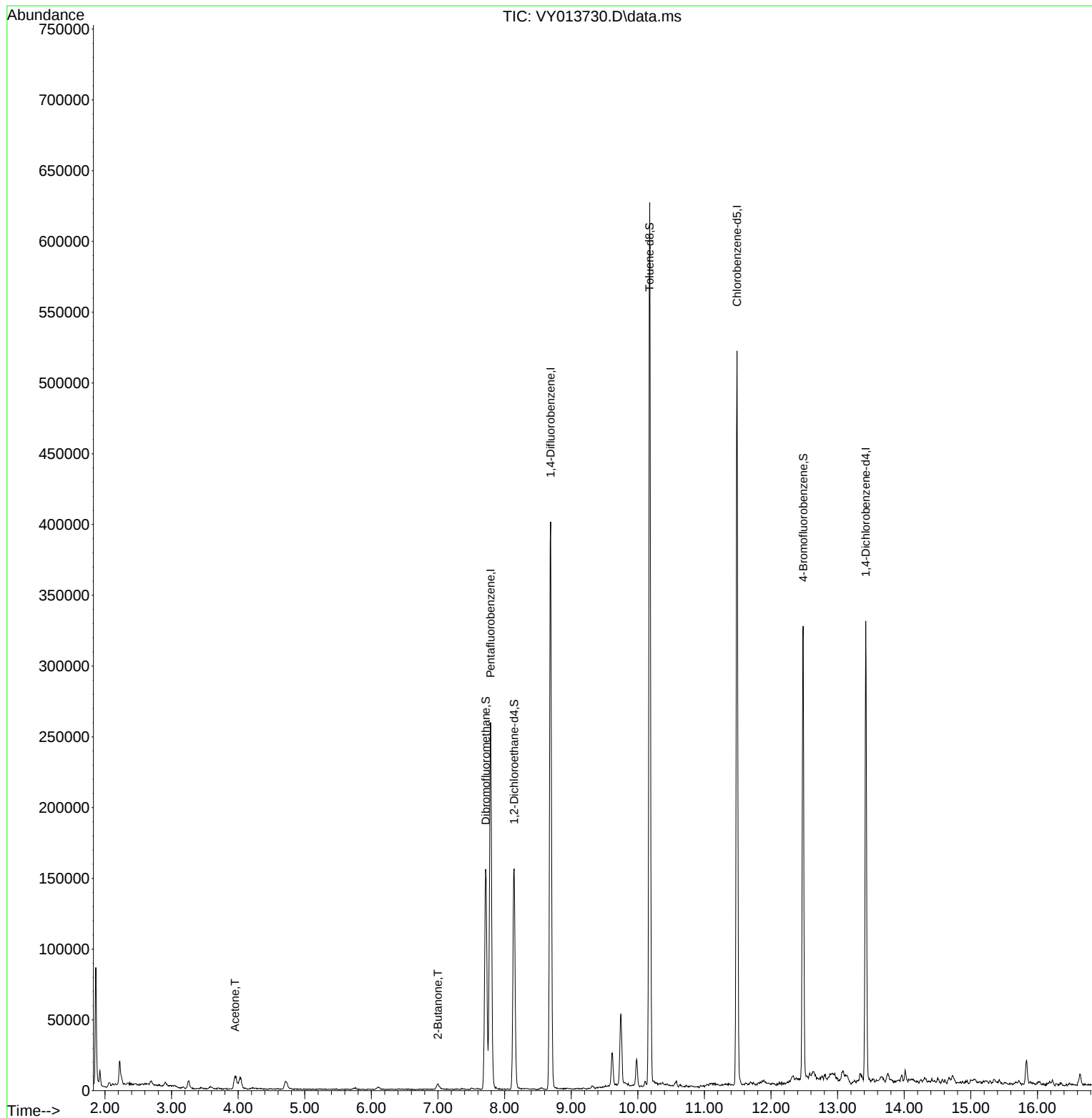
Internal Standards						
1) Pentafluorobenzene	7.789	168	197024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	330033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	269664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	80689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	128800	59.635	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.260%
35) Dibromofluoromethane	7.716	113	110057	53.020	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.040%
50) Toluene-d8	10.179	98	402380	54.491	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.980%
62) 4-Bromofluorobenzene	12.483	95	95409	38.326	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.660%
Target Compounds						
						Qvalue
16) Acetone	3.954	43	20859	24.524	ug/l	89
25) 2-Butanone	6.996	43	6885	6.383	ug/l	98

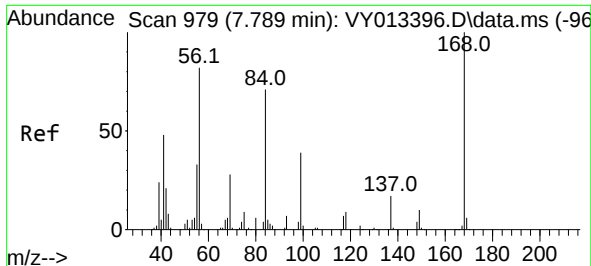
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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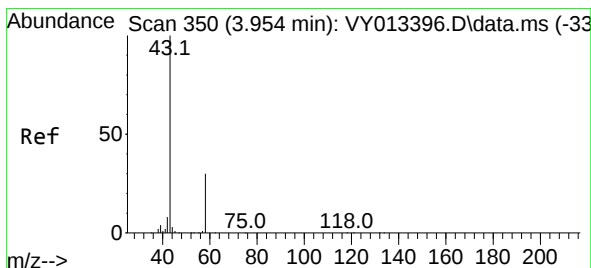
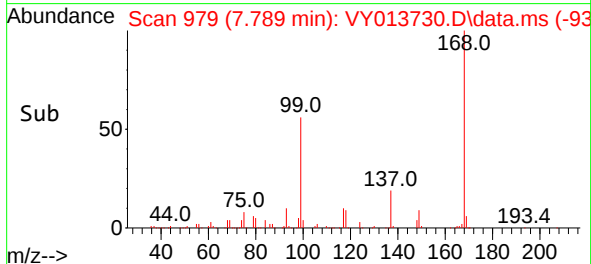
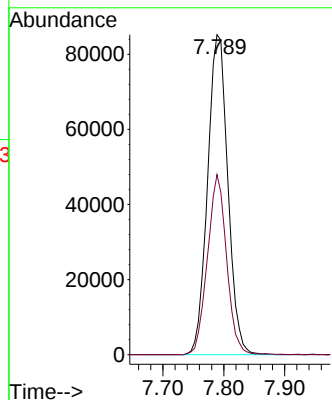
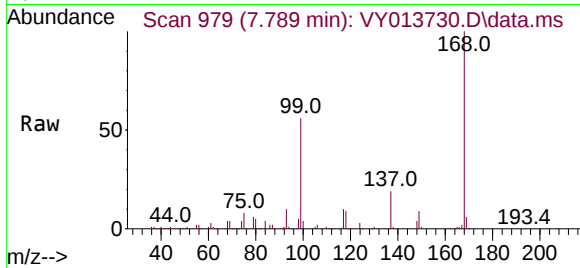




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013730.D
Acq: 15 May 2023 12:32

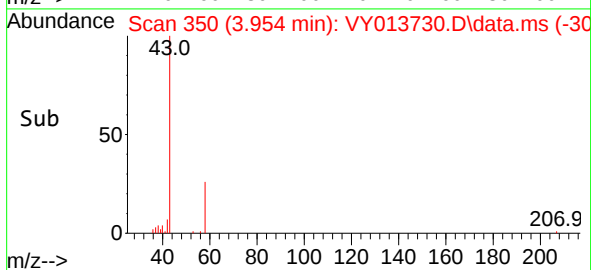
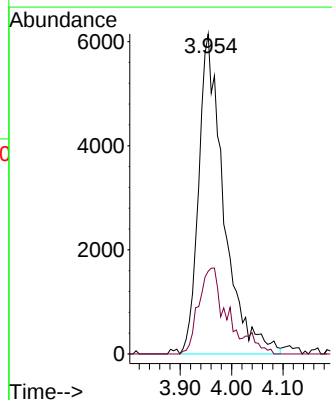
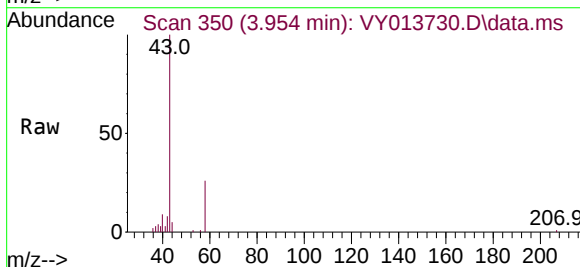
Instrument :
MSVOA_Y
ClientSampleId :
TOPSOIL-OU3-GRILLO-1

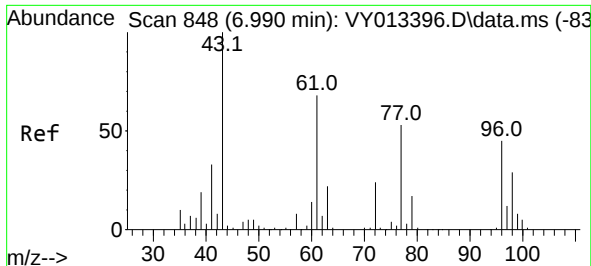
Tgt Ion:168 Resp: 197024
Ion Ratio Lower Upper
168 100
99 56.2 41.8 62.6



#16
Acetone
Concen: 24.524 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013730.D
Acq: 15 May 2023 12:32

Tgt Ion: 43 Resp: 20859
Ion Ratio Lower Upper
43 100
58 25.9 25.4 38.0





#25

2-Butanone

Concen: 6.383 ug/l

RT: 6.996 min Scan# 848

Delta R.T. 0.012 min

Lab File: VY013730.D

Acq: 15 May 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

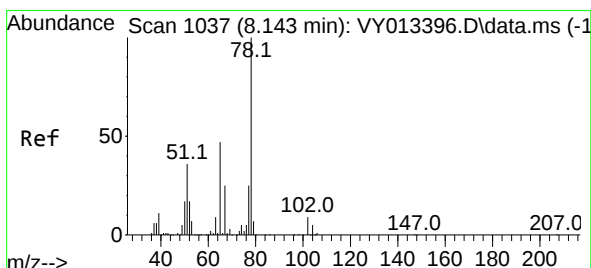
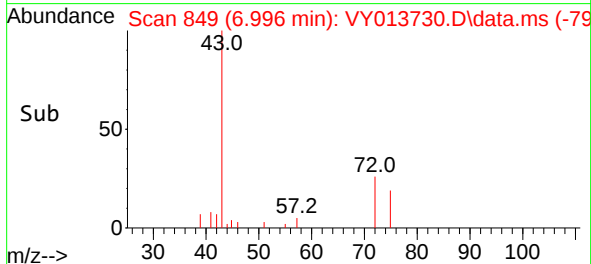
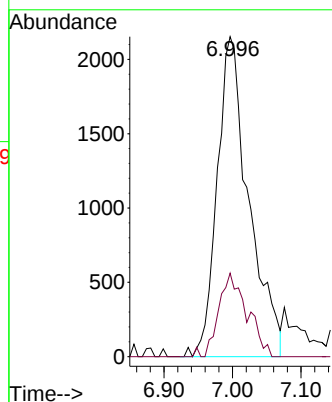
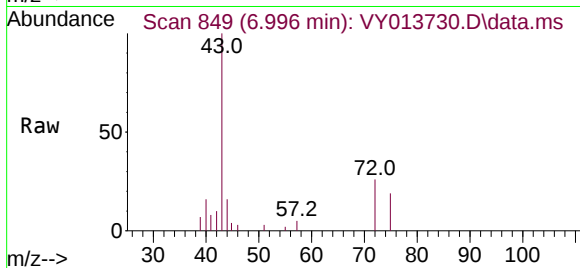
TOPSOIL-OU3-GRILLO-1

Tgt Ion: 43 Resp: 6885

Ion Ratio Lower Upper

43 100

72 26.1 21.9 32.9



#33

1,2-Dichloroethane-d4

Concen: 59.635 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY013730.D

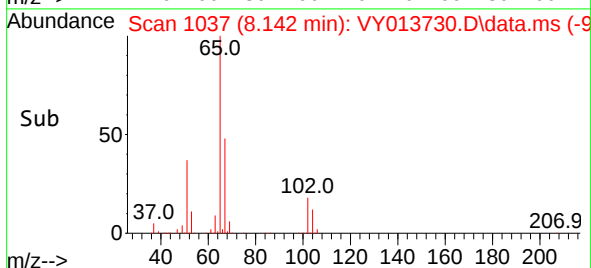
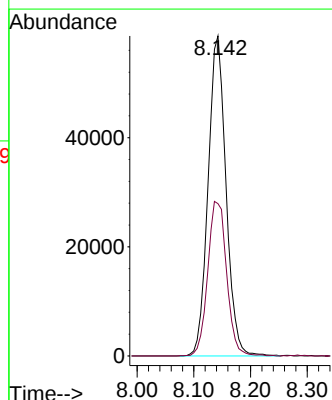
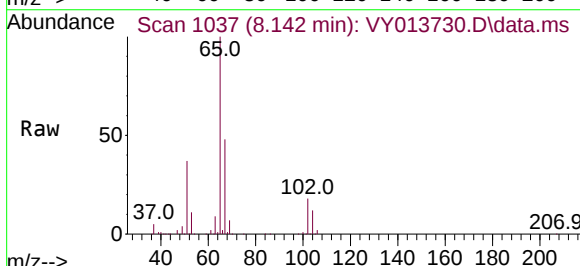
Acq: 15 May 2023 12:32

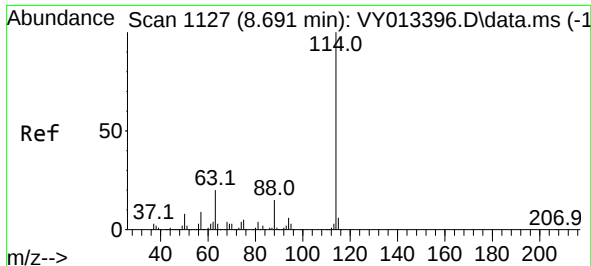
Tgt Ion: 65 Resp: 128800

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013730.D

Acq: 15 May 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

TOPSOIL-OU3-GRILLO-1

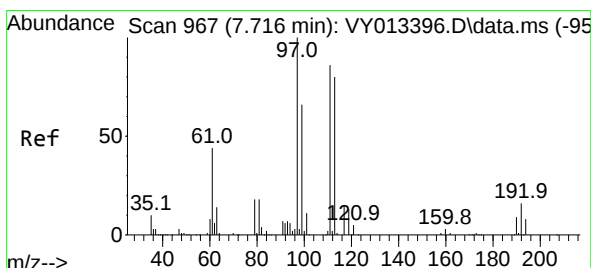
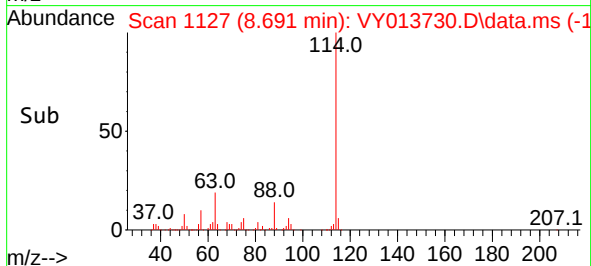
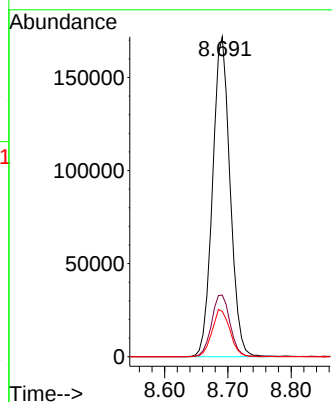
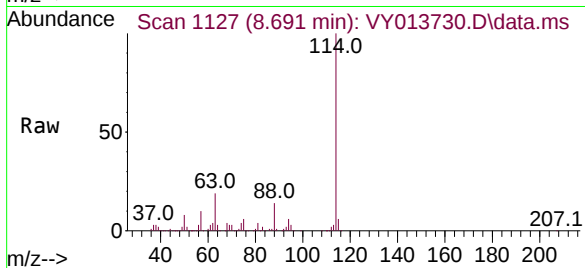
Tgt Ion:114 Resp: 330033

Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.6

88 14.1 0.0 28.8



#35

Dibromofluoromethane

Concen: 53.020 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013730.D

Acq: 15 May 2023 12:32

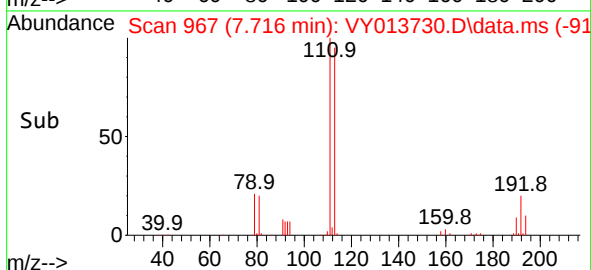
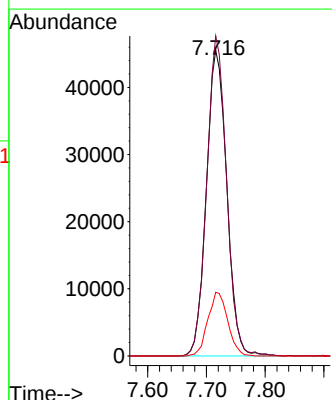
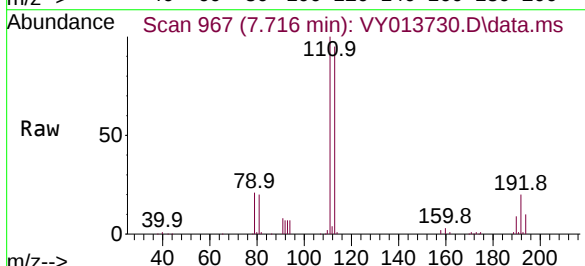
Tgt Ion:113 Resp: 110057

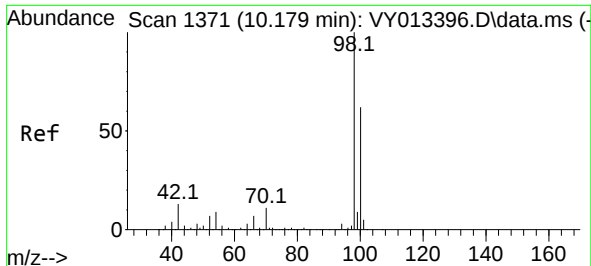
Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.2

192 20.2 16.7 25.1

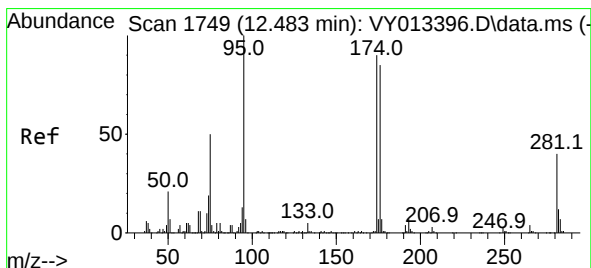
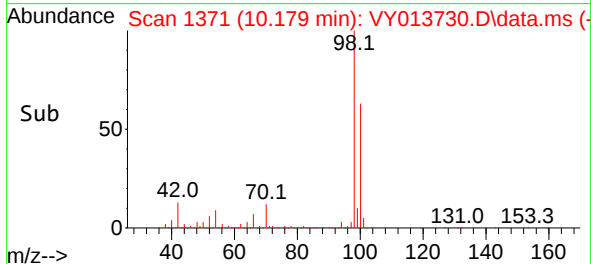
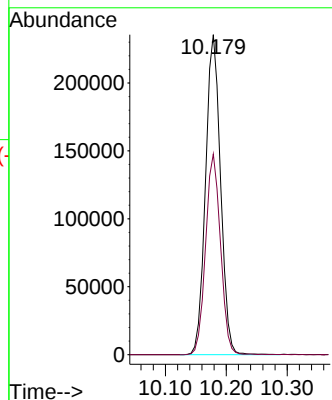
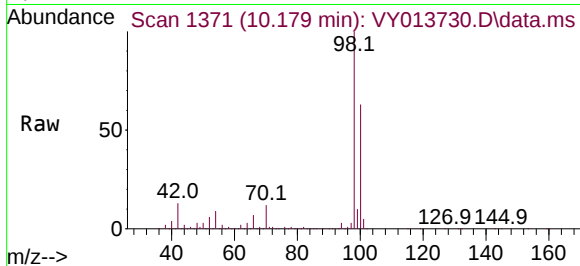




#50
Toluene-d8
Concen: 54.491 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013730.D
Acq: 15 May 2023 12:32

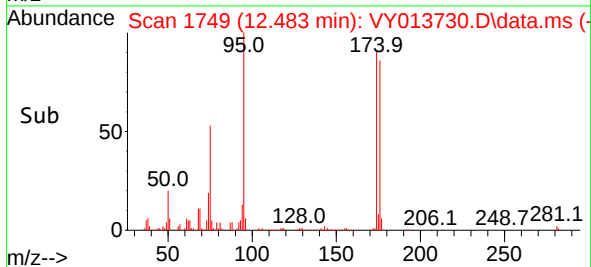
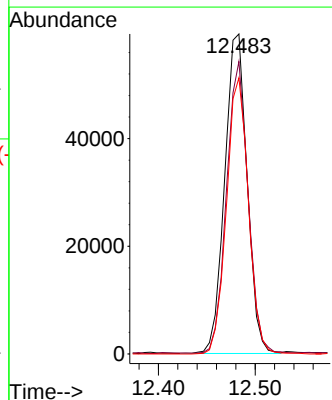
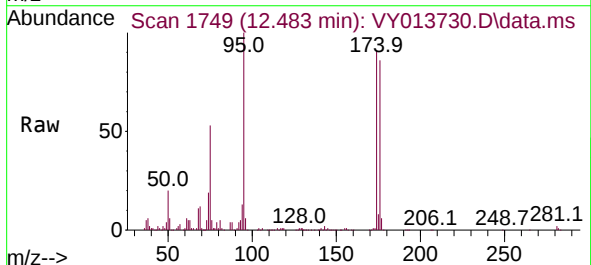
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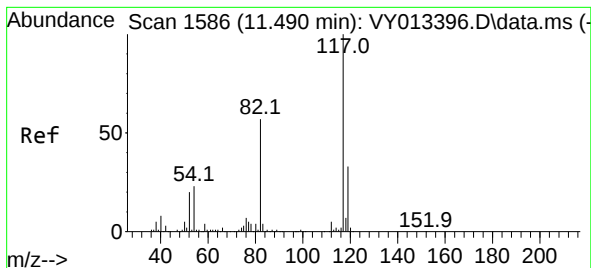
Tgt Ion: 98 Resp: 402380
Ion Ratio Lower Upper
98 100
100 62.3 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 38.326 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013730.D
Acq: 15 May 2023 12:32

Tgt Ion: 95 Resp: 95409
Ion Ratio Lower Upper
95 100
174 87.6 0.0 182.0
176 84.6 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013730.D

Acq: 15 May 2023 12:32

Instrument :

MSVOA_Y

ClientSampleId :

TOPSOIL-OU3-GRILLO-1

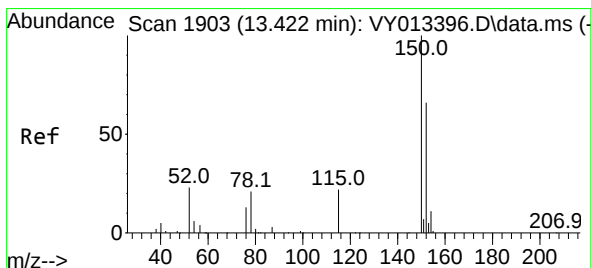
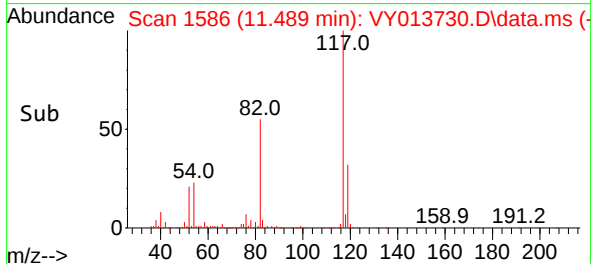
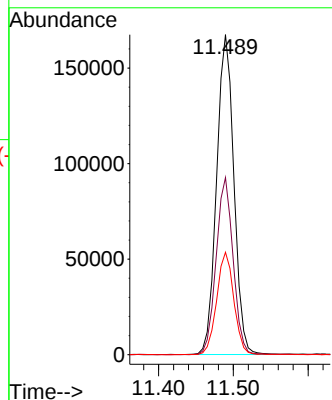
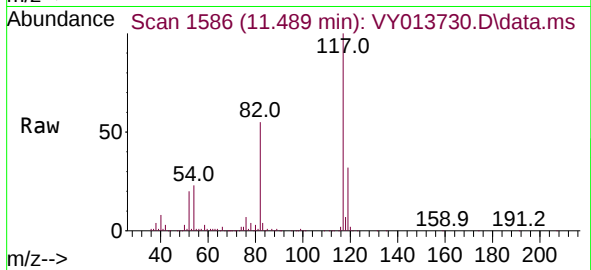
Tgt Ion:117 Resp: 269664

Ion Ratio Lower Upper

117 100

82 55.4 43.0 64.6

119 32.0 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013730.D

Acq: 15 May 2023 12:32

Tgt Ion:152 Resp: 80689

Ion Ratio Lower Upper

152 100

115 58.0 28.1 84.2

150 158.5 0.0 352.0

