

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042924\
 Data File : VY018074.D
 Acq On : 29 Apr 2024 17:31
 Operator : SY/MD
 Sample : P2283-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EXCAV-SOIL-2

Quant Time: Apr 30 01:02:08 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)

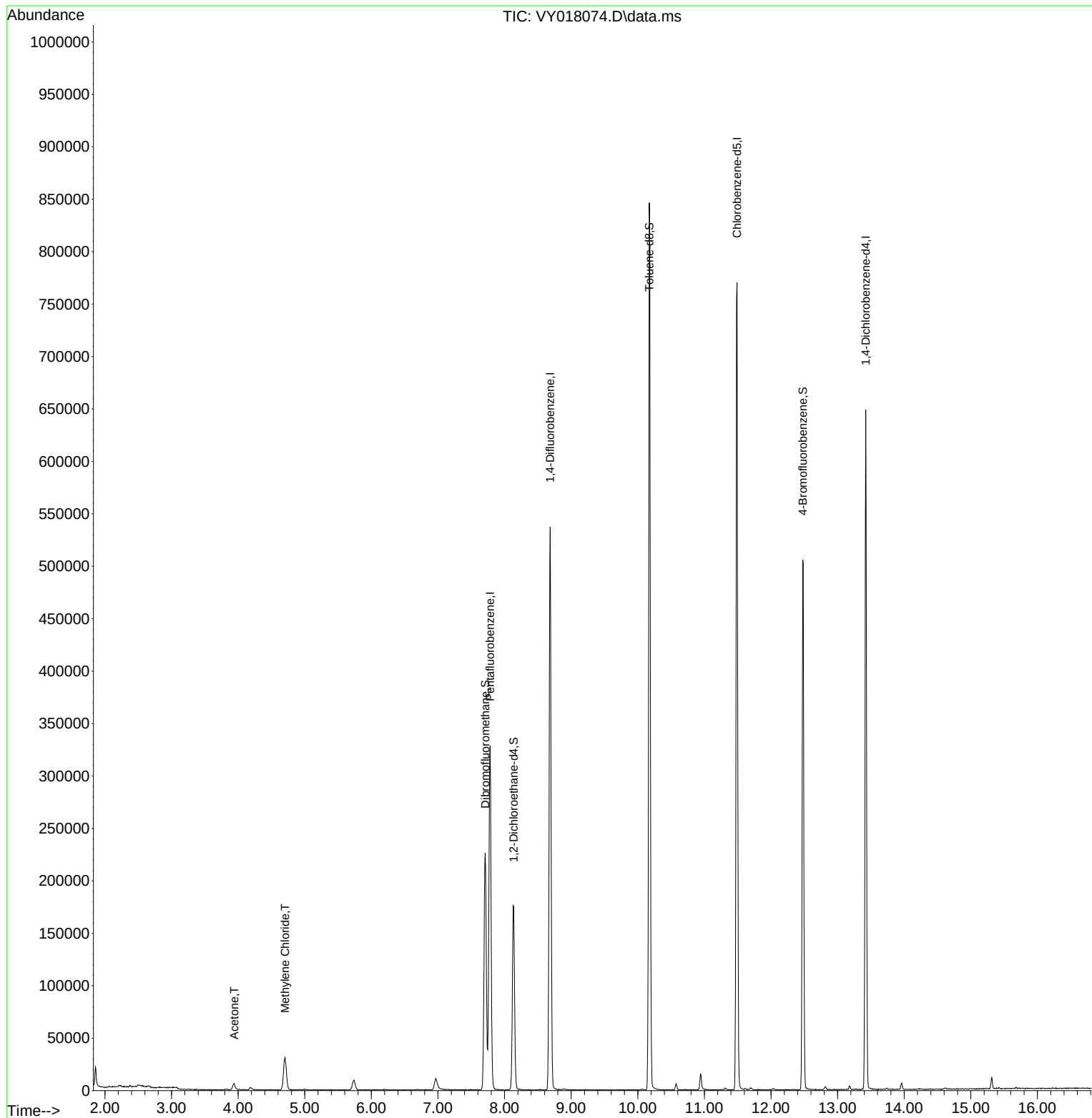
Internal Standards						
1) Pentafluorobenzene	7.783	168	279513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	506670	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	467263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	181009	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	131668	54.435	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 108.860%		
35) Dibromofluoromethane	7.710	113	168569	53.927	ug/l	-0.01
Spiked Amount	50.000	Range 54 - 147	Recovery	= 107.860%		
50) Toluene-d8	10.173	98	584983	49.320	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 98.640%		
62) 4-Bromofluorobenzene	12.477	95	157507	42.878	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 85.760%		
Target Compounds						
						Qvalue
16) Acetone	3.942	43	10000	20.923	ug/l	99
20) Methylene Chloride	4.704	84	26992	8.336	ug/l	94

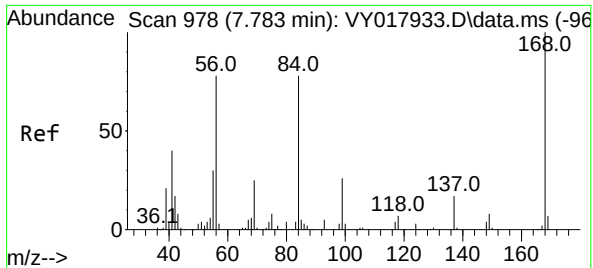
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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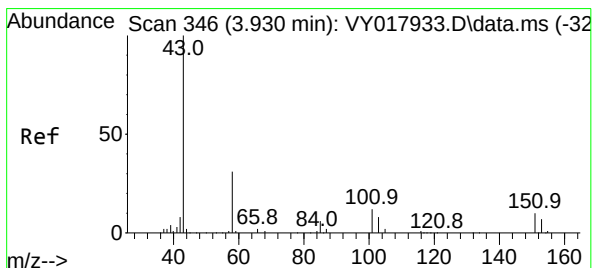
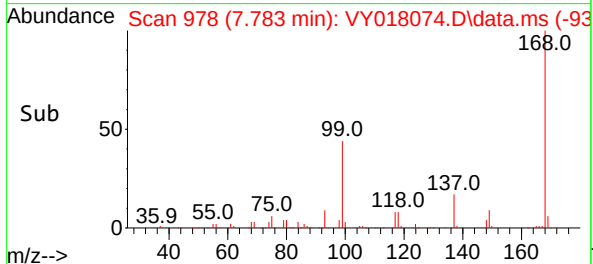
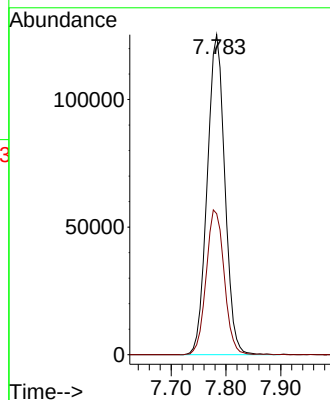
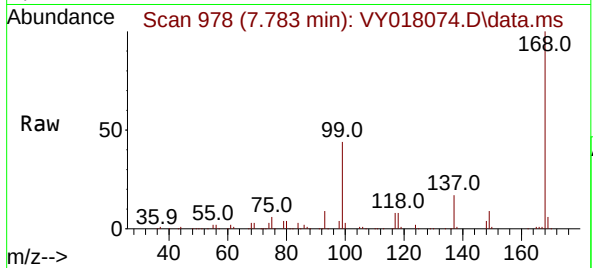




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018074.D
Acq: 29 Apr 2024 17:31

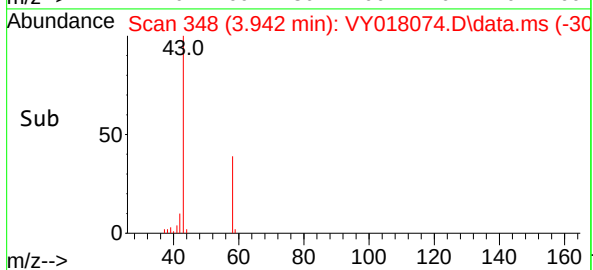
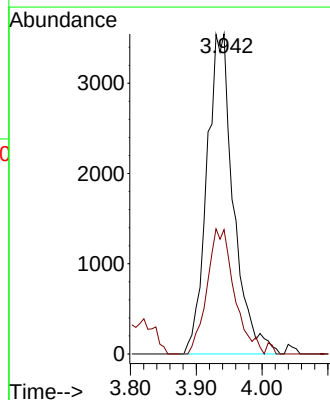
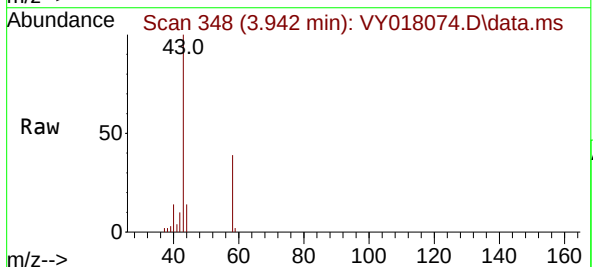
Instrument :
MSVOA_Y
ClientSampleId :
EXCAV-SOIL-2

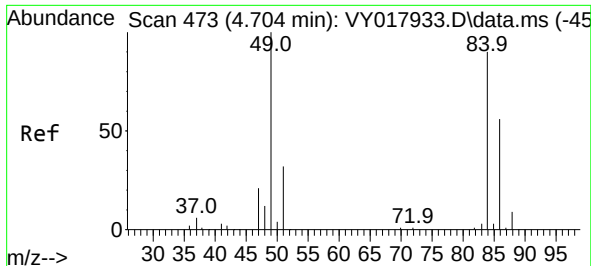
Tgt Ion:168 Resp: 279513
Ion Ratio Lower Upper
168 100
99 44.0 39.1 58.7



#16
Acetone
Concen: 20.923 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY018074.D
Acq: 29 Apr 2024 17:31

Tgt Ion: 43 Resp: 10000
Ion Ratio Lower Upper
43 100
58 38.8 31.7 47.5

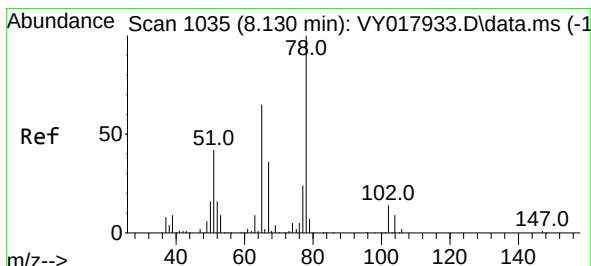
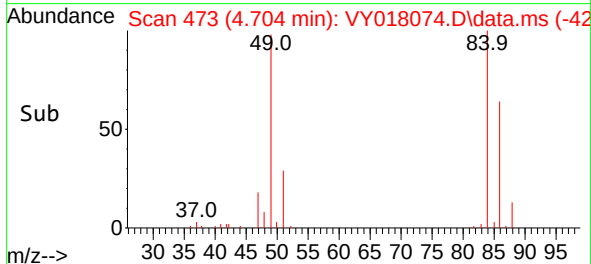
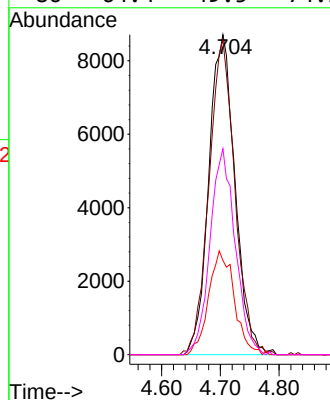
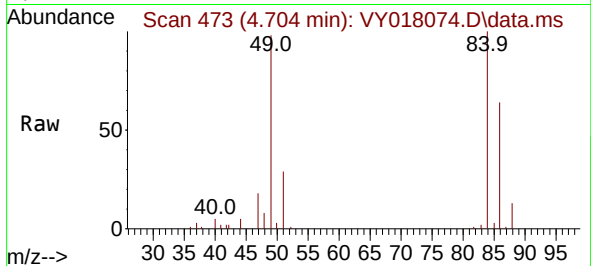




#20
Methylene Chloride
Concen: 8.336 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY018074.D
Acq: 29 Apr 2024 17:31

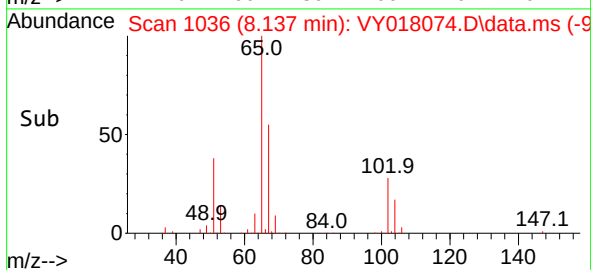
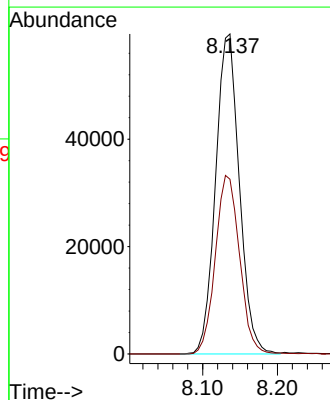
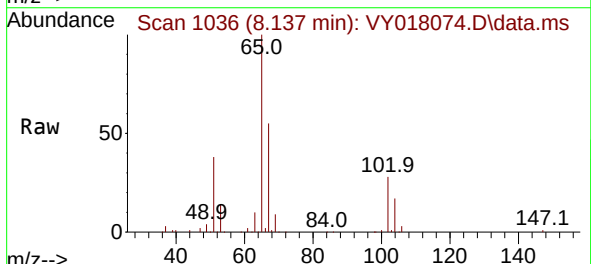
Instrument :
MSVOA_Y
ClientSampleId :
EXCAV-SOIL-2

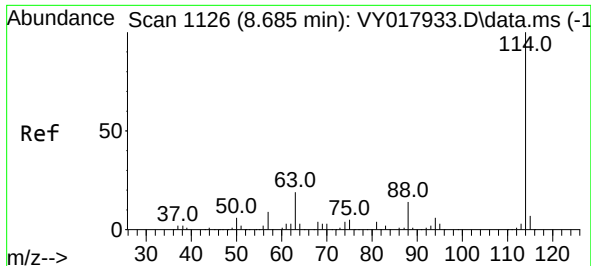
Tgt Ion:	84	Resp:	26992
Ion	Ratio	Lower	Upper
84	100		
49	98.4	84.4	126.6
51	29.4	26.0	39.0
86	64.4	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 54.435 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018074.D
Acq: 29 Apr 2024 17:31

Tgt Ion:	65	Resp:	131668
Ion	Ratio	Lower	Upper
65	100		
67	56.9	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: VY018074.D

Acq: 29 Apr 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

EXCAV-SOIL-2

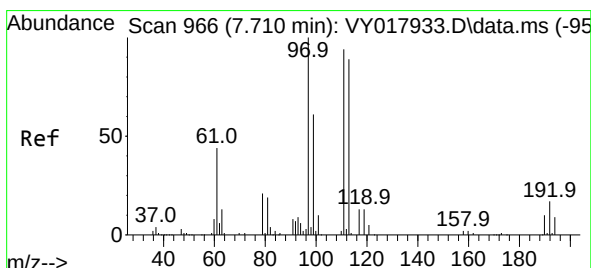
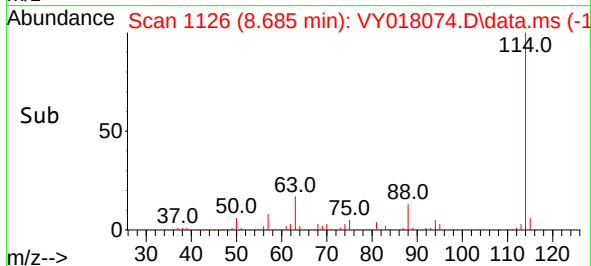
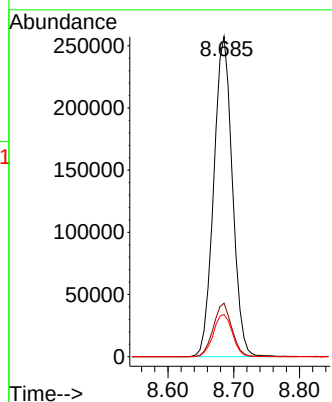
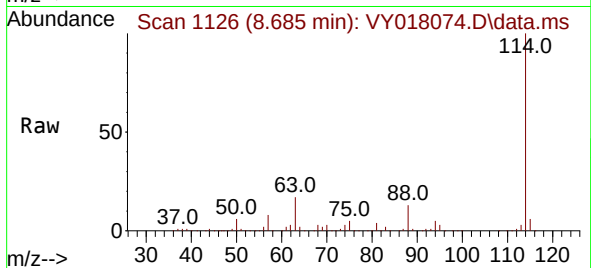
Tgt Ion:114 Resp: 506670

Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

88 13.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 53.927 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.012 min

Lab File: VY018074.D

Acq: 29 Apr 2024 17:31

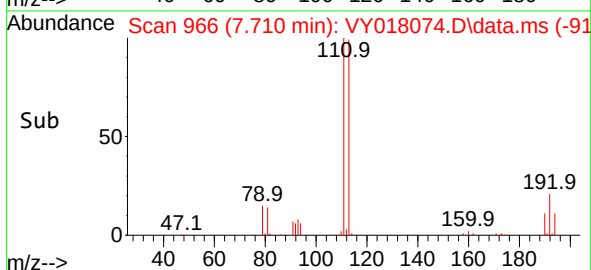
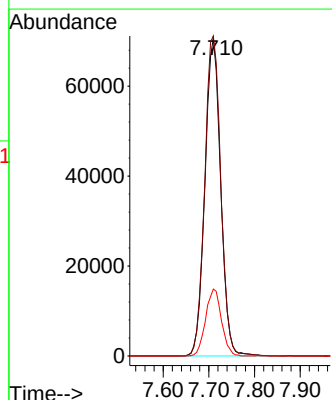
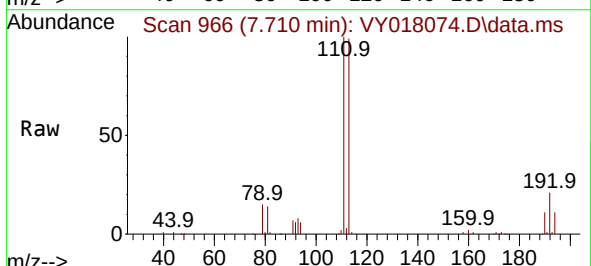
Tgt Ion:113 Resp: 168569

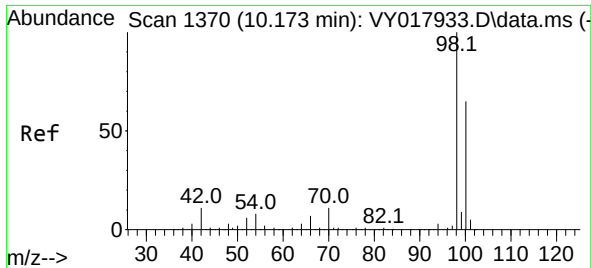
Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.4

192 21.2 15.9 23.9

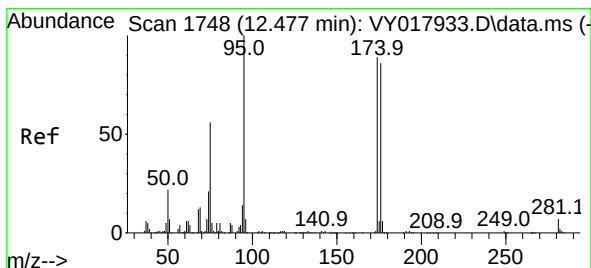
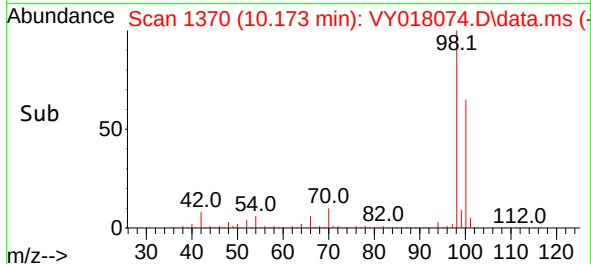
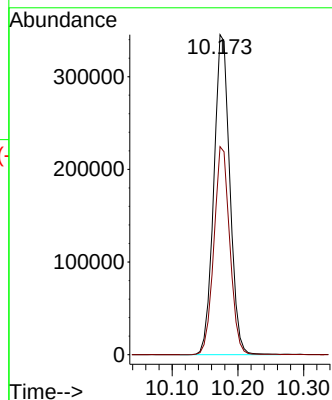
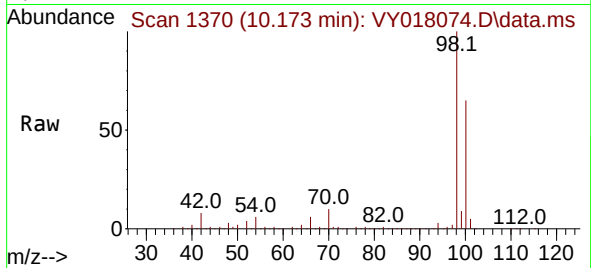




#50
Toluene-d8
Concen: 49.320 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018074.D
Acq: 29 Apr 2024 17:31

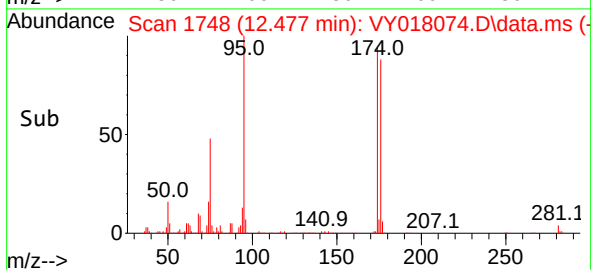
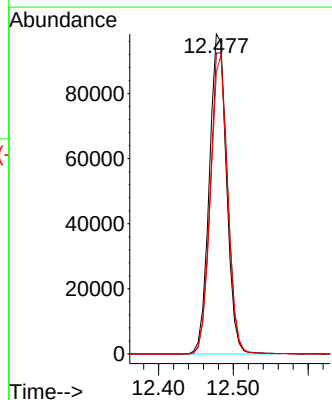
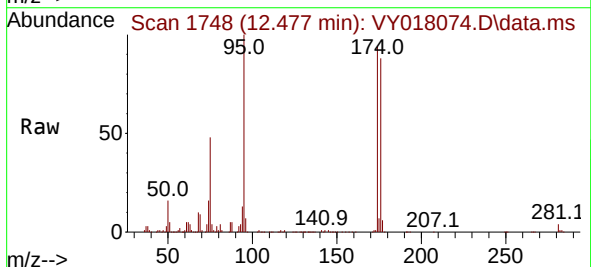
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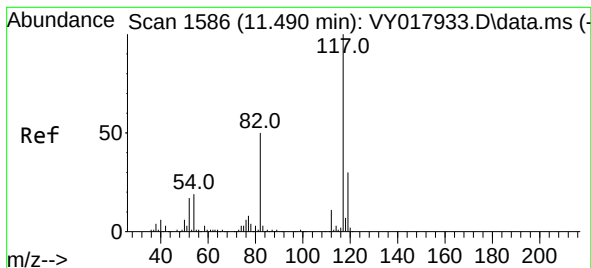
Tgt Ion: 98 Resp: 584983
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.878 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018074.D
Acq: 29 Apr 2024 17:31

Tgt Ion: 95 Resp: 157507
Ion Ratio Lower Upper
95 100
174 95.6 0.0 175.6
176 92.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018074.D

Acq: 29 Apr 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

EXCAV-SOIL-2

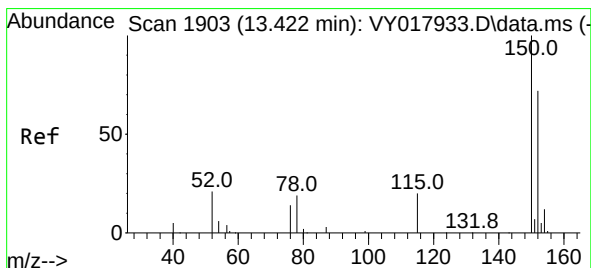
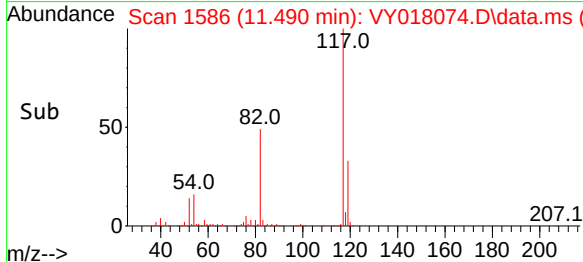
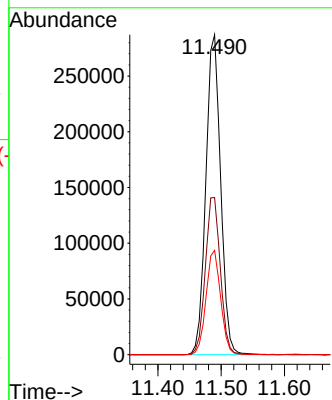
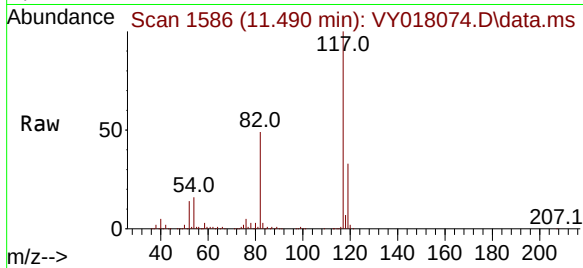
Tgt Ion:117 Resp: 467263

Ion Ratio Lower Upper

117 100

82 49.1 42.4 63.6

119 32.6 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY018074.D

Acq: 29 Apr 2024 17:31

Tgt Ion:152 Resp: 181009

Ion Ratio Lower Upper

152 100

115 53.7 28.2 84.7

150 155.3 0.0 345.6

