

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050124\
 Data File : VY018100.D
 Acq On : 01 May 2024 16:15
 Operator : SY/MD
 Sample : P2283-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EXCAV-SOIL-1

Quant Time: May 01 16:30:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

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

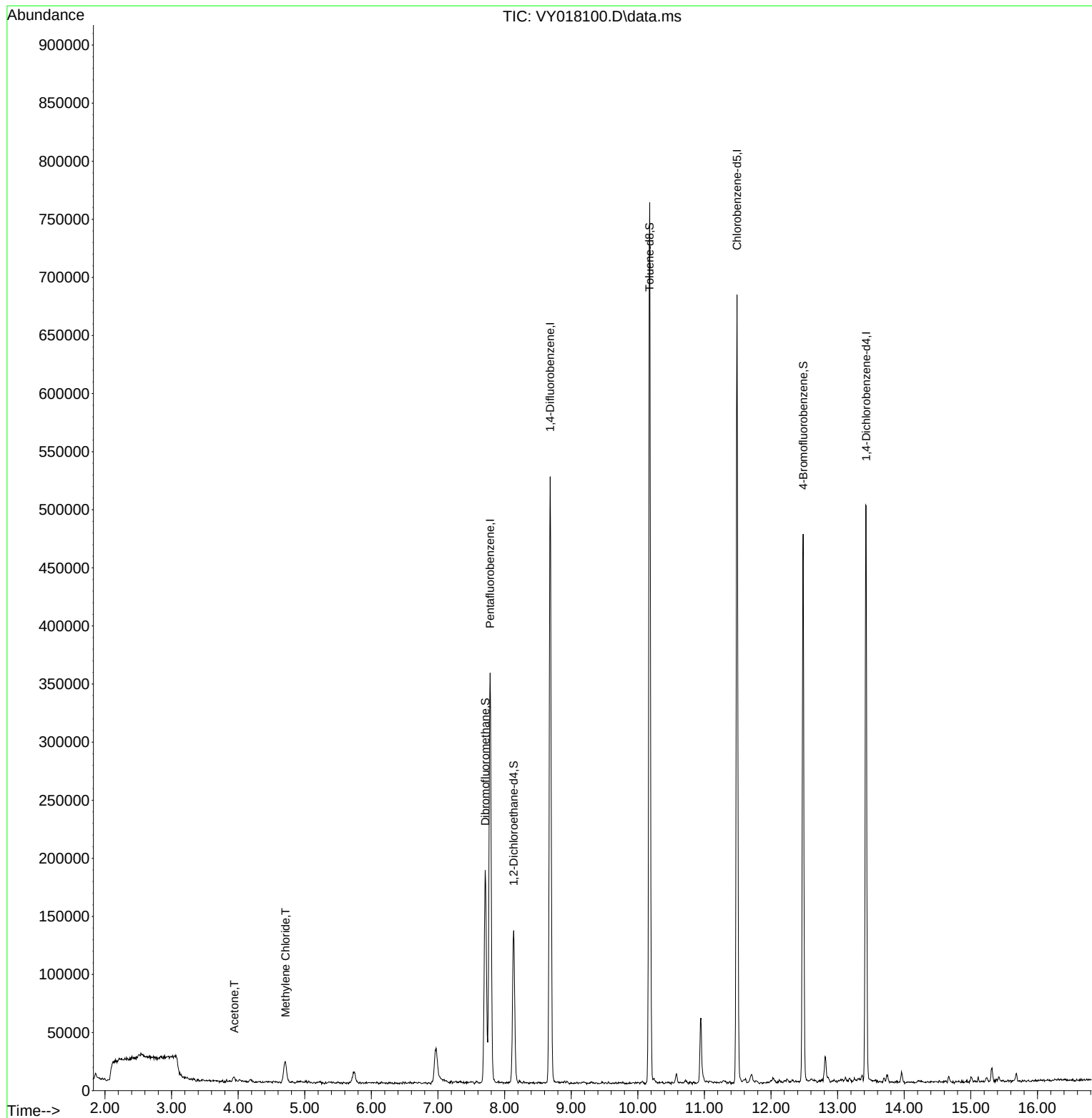
Internal Standards						
1) Pentafluorobenzene	7.783	168	296647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	486172	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	390647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	140897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	99446	42.530	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.060%
35) Dibromofluoromethane	7.710	113	131349	47.013	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.020%
50) Toluene-d8	10.179	98	520150	47.689	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.380%
62) 4-Bromofluorobenzene	12.483	95	148521	39.568	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.140%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	7373	16.552	ug/l #	86
20) Methylene Chloride	4.710	84	15598	4.997	ug/l	98

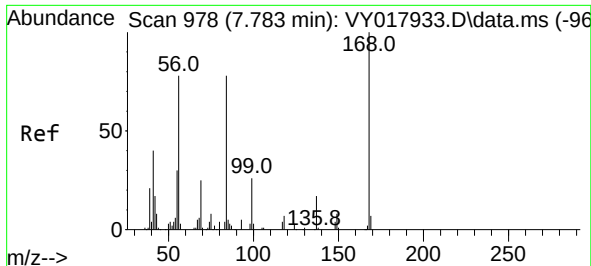
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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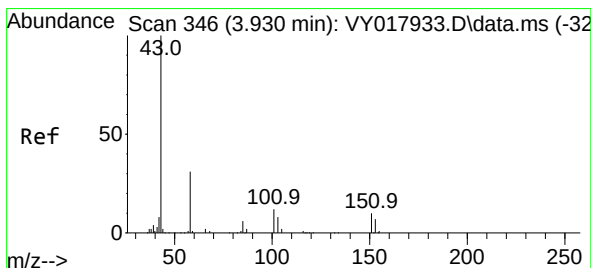
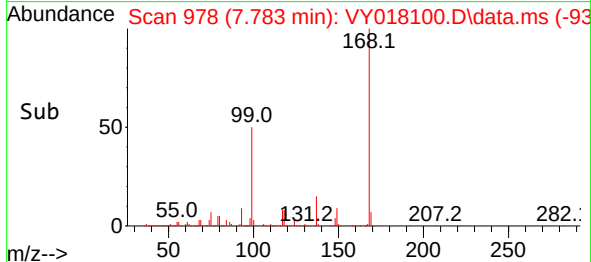
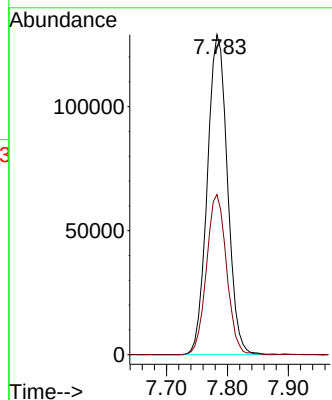
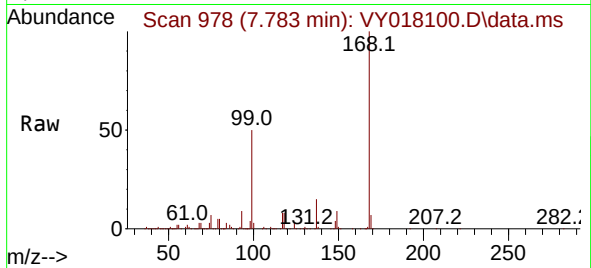




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018100.D
Acq: 01 May 2024 16:15

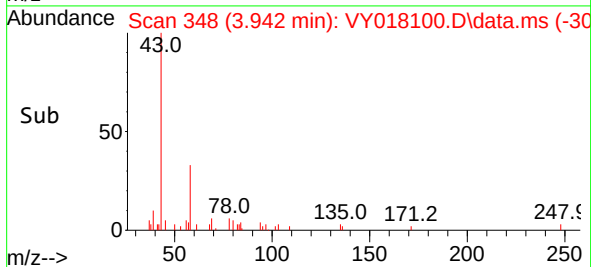
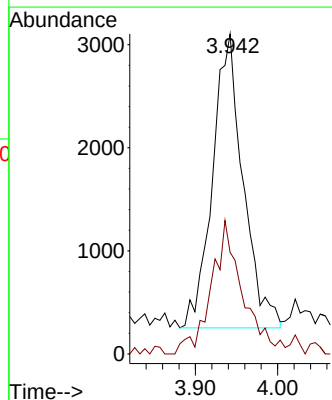
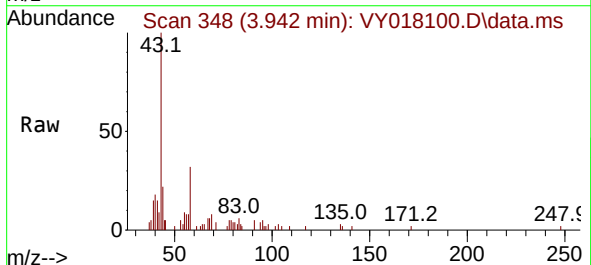
Instrument :
MSVOA_Y
ClientSampleId :
EXCAV-SOIL-1

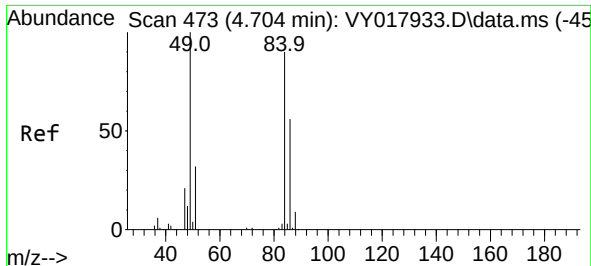
Tgt Ion:168 Resp: 296647
Ion Ratio Lower Upper
168 100
99 50.0 39.1 58.7



#16
Acetone
Concen: 16.552 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY018100.D
Acq: 01 May 2024 16:15

Tgt Ion: 43 Resp: 7373
Ion Ratio Lower Upper
43 100
58 31.1 31.7 47.5#

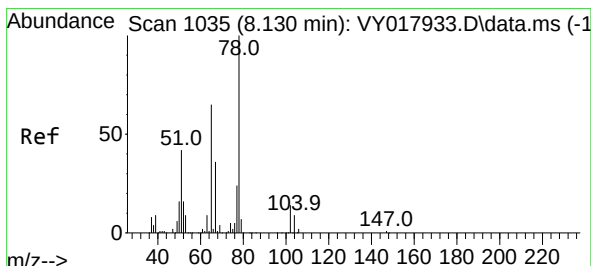
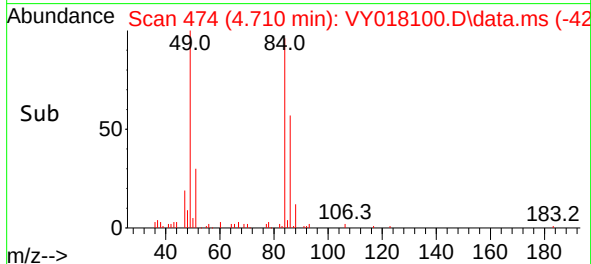
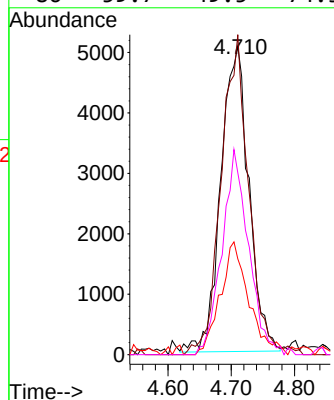
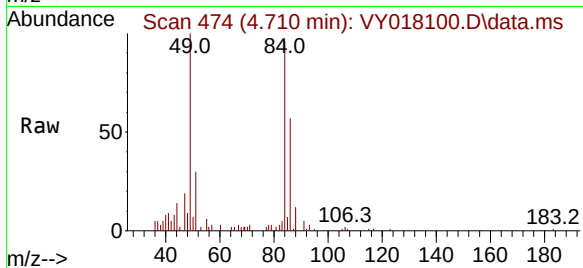




#20
Methylene Chloride
Concen: 4.997 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018100.D
Acq: 01 May 2024 16:15

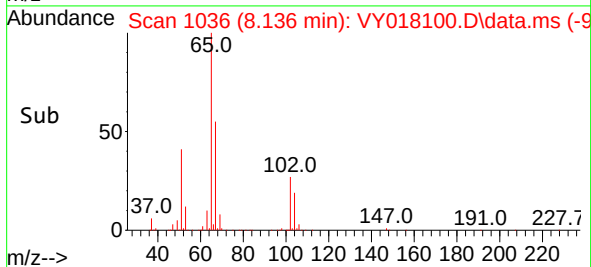
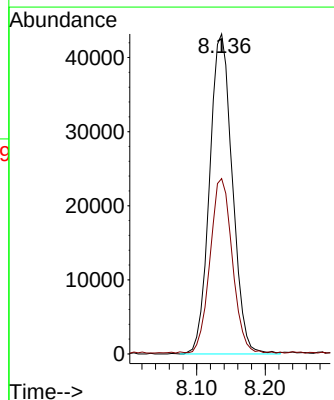
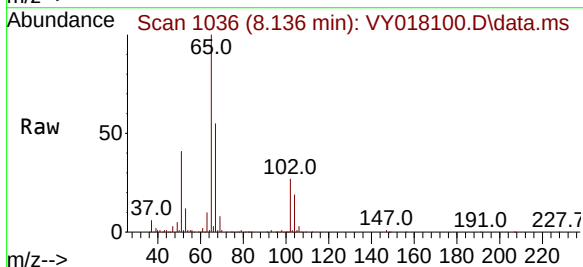
Instrument :
MSVOA_Y
ClientSampleId :
EXCAV-SOIL-1

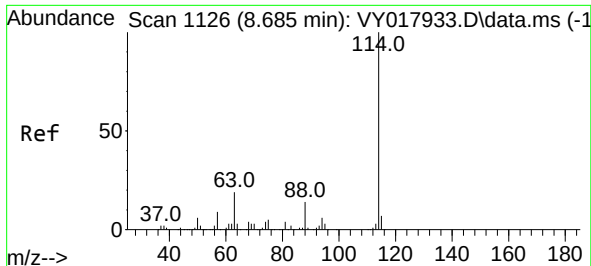
Tgt Ion: 84 Resp: 15598
Ion Ratio Lower Upper
84 100
49 105.0 84.4 126.6
51 28.6 26.0 39.0
86 59.7 49.5 74.3



#33
1,2-Dichloroethane-d4
Concen: 42.530 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018100.D
Acq: 01 May 2024 16:15

Tgt Ion: 65 Resp: 99446
Ion Ratio Lower Upper
65 100
67 53.3 0.0 109.6

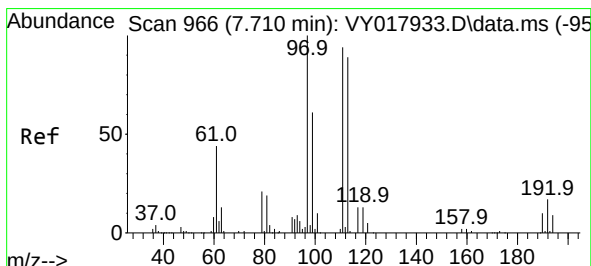
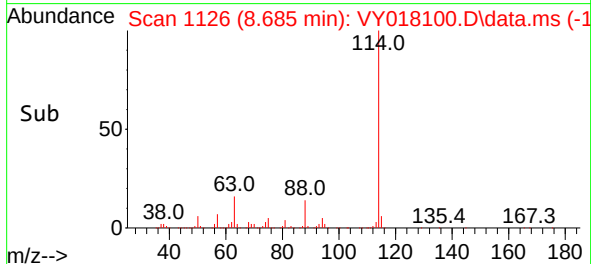
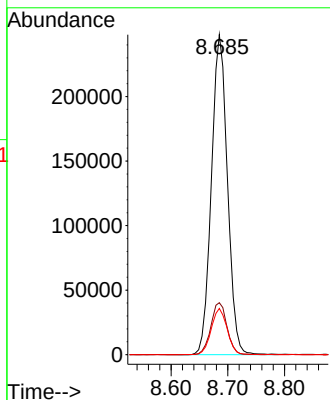
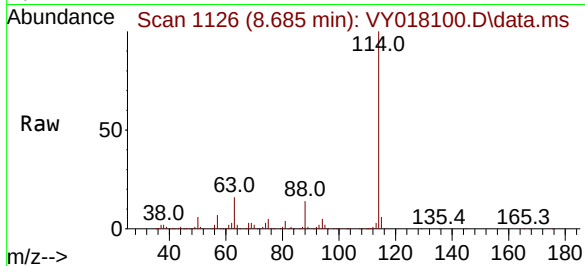




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY018100.D
Acq: 01 May 2024 16:15

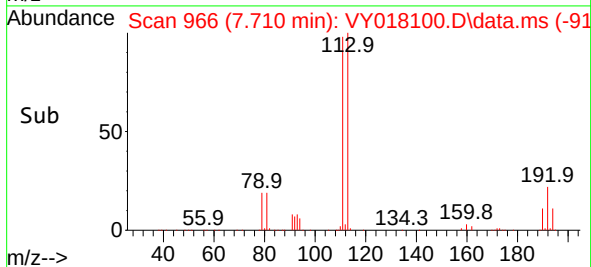
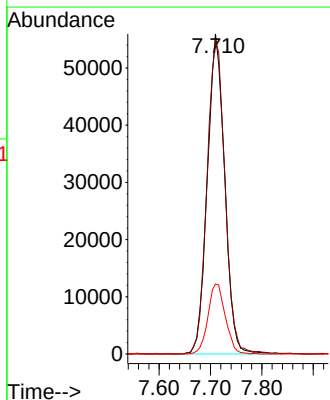
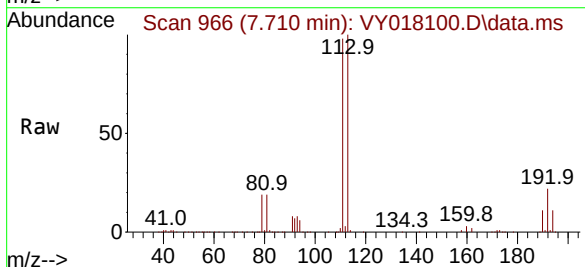
Instrument :
MSVOA_Y
ClientSampleId :
EXCAV-SOIL-1

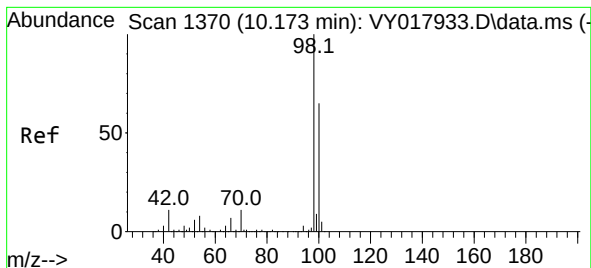
Tgt Ion:114 Resp: 486172
Ion Ratio Lower Upper
114 100
63 16.3 0.0 35.0
88 14.5 0.0 27.2



#35
Dibromofluoromethane
Concen: 47.013 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY018100.D
Acq: 01 May 2024 16:15

Tgt Ion:113 Resp: 131349
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.4
192 21.8 15.9 23.9

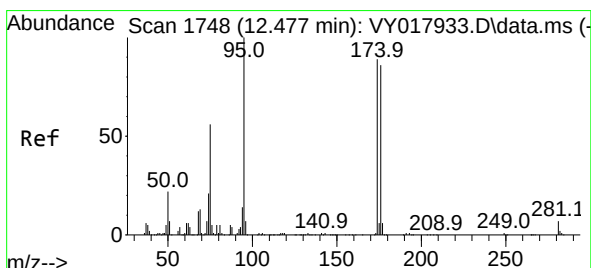
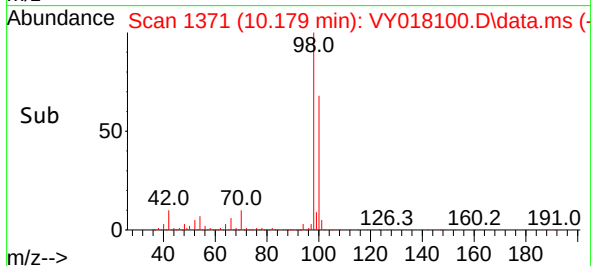
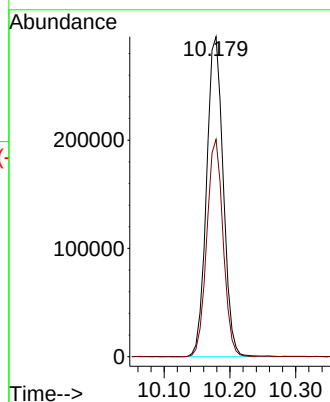
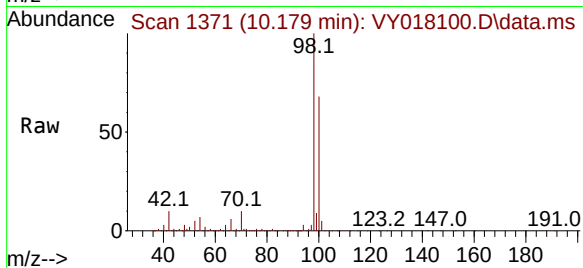




#50
Toluene-d8
Concen: 47.689 ug/l
RT: 10.179 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018100.D
Acq: 01 May 2024 16:15

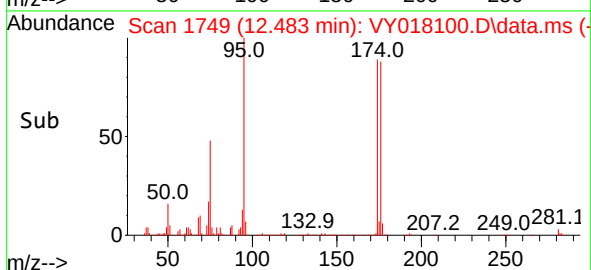
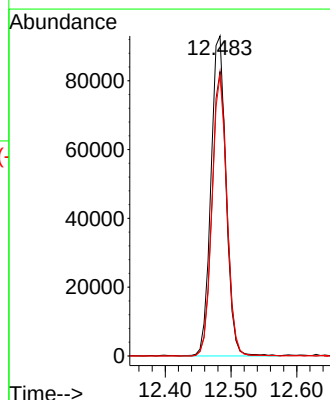
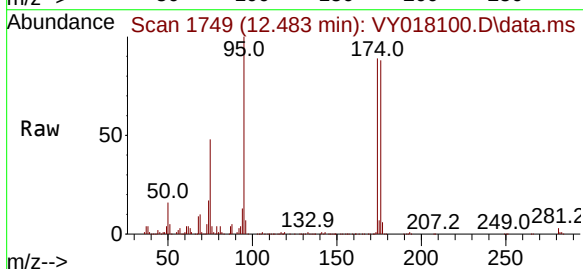
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EXCAV-SOIL-1

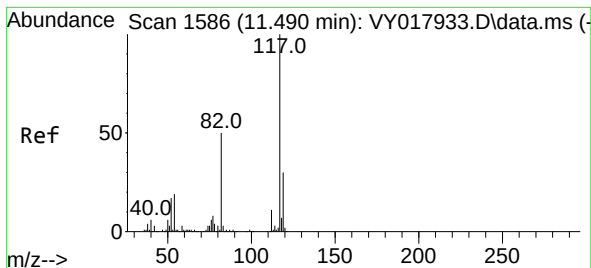
Tgt Ion: 98 Resp: 520150
Ion Ratio Lower Upper
98 100
100 66.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.568 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018100.D
Acq: 01 May 2024 16:15

Tgt Ion: 95 Resp: 148521
Ion Ratio Lower Upper
95 100
174 88.2 0.0 175.6
176 85.6 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: VY018100.D

Acq: 01 May 2024 16:15

Instrument :

MSVOA_Y

ClientSampleId :

EXCAV-SOIL-1

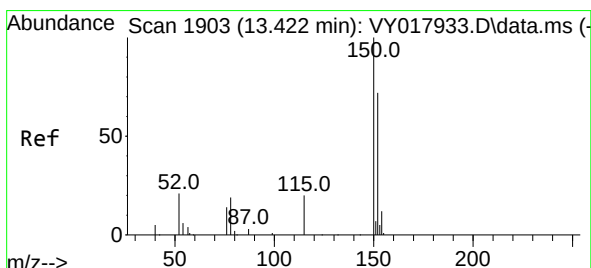
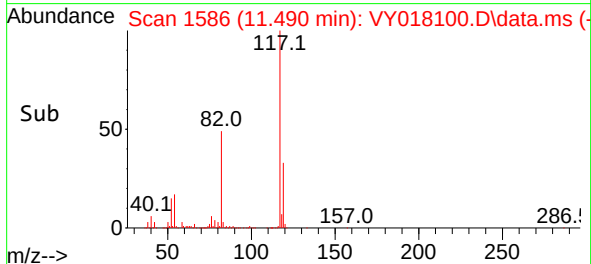
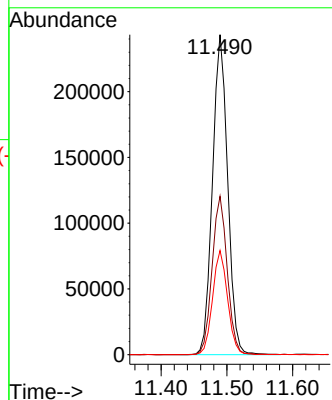
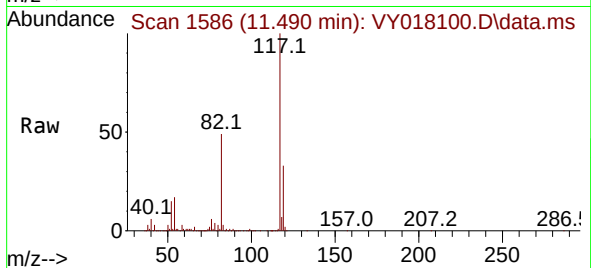
Tgt Ion:117 Resp: 390647

Ion Ratio Lower Upper

117 100

82 49.5 42.4 63.6

119 32.6 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: VY018100.D

Acq: 01 May 2024 16:15

Tgt Ion:152 Resp: 140897

Ion Ratio Lower Upper

152 100

115 54.6 28.2 84.7

150 156.2 0.0 345.6

