

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072524\
 Data File : VY018921.D
 Acq On : 25 Jul 2024 19:49
 Operator : SY/MD
 Sample : P3352-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-COMP

Quant Time: Jul 26 03:02:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

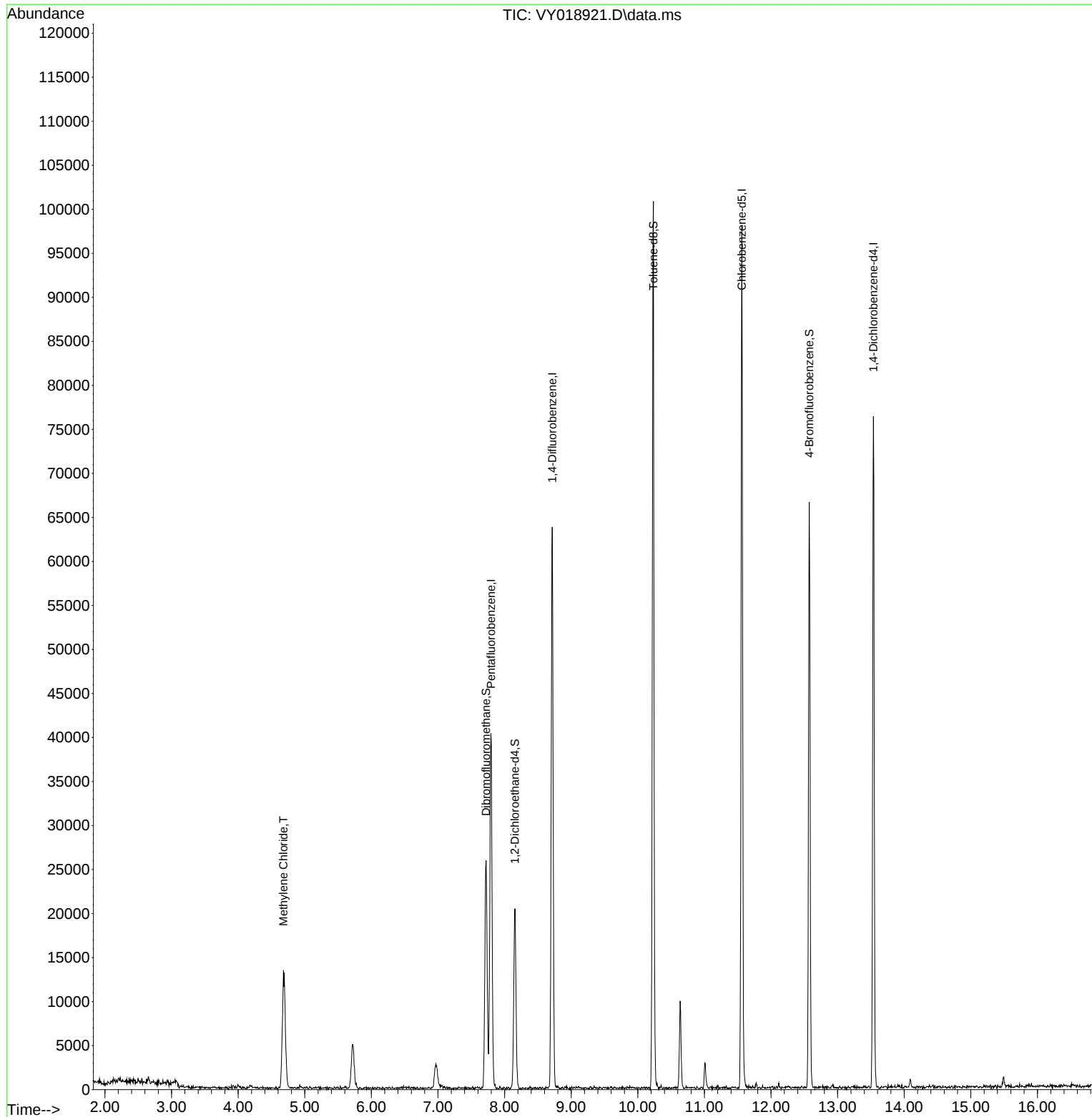
Internal Standards						
1) Pentafluorobenzene	7.795	168	33124	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.715	114	57808	50.000	ug/l	0.04
63) Chlorobenzene-d5	11.562	117	53011	50.000	ug/l	0.08
72) 1,4-Dichlorobenzene-d4	13.538	152	20519	50.000	ug/l	0.12
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	16133	49.496	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.000%
35) Dibromofluoromethane	7.722	113	18426	50.892	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.780%
50) Toluene-d8	10.233	98	64659	47.137	ug/l	0.06
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.280%
62) 4-Bromofluorobenzene	12.574	95	19602	41.845	ug/l	0.10
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.680%
Target Compounds						
20) Methylene Chloride	4.680	84	10466	28.632	ug/l	Qvalue # 96

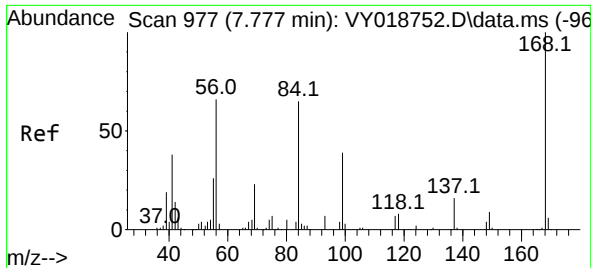
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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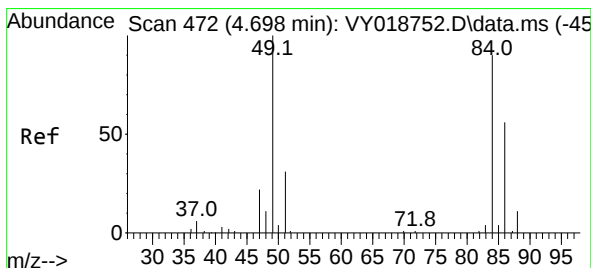
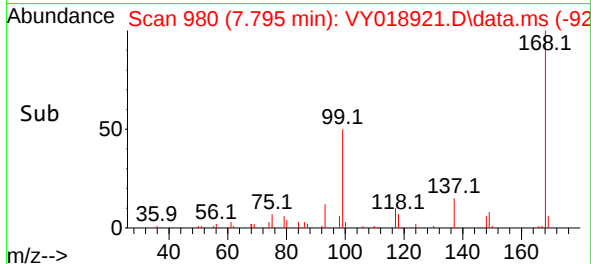
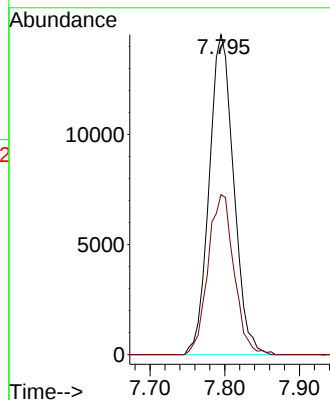
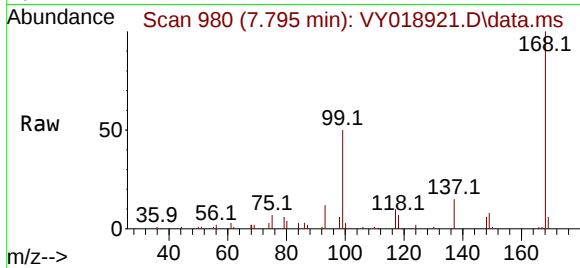




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY018921.D
Acq: 25 Jul 2024 19:49

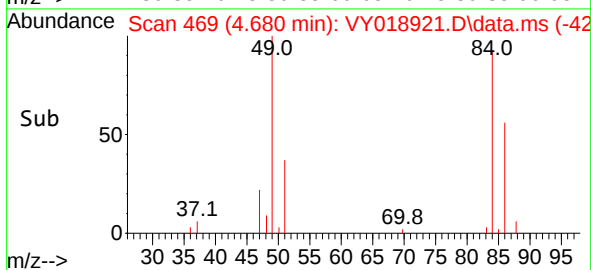
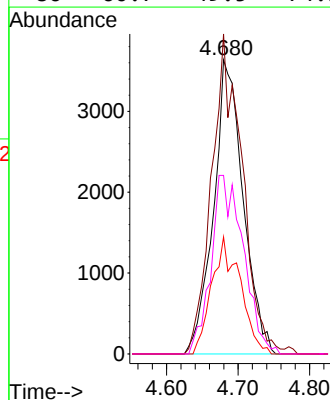
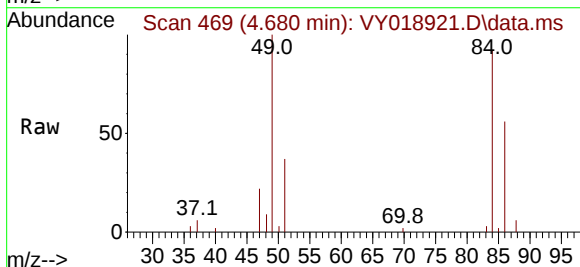
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-COMP

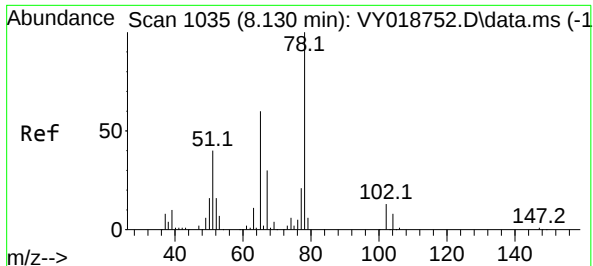
Tgt Ion:168 Resp: 33124
Ion Ratio Lower Upper
168 100
99 50.0 39.1 58.7



#20
Methylene Chloride
Concen: 28.632 ug/l
RT: 4.680 min Scan# 469
Delta R.T. -0.018 min
Lab File: VY018921.D
Acq: 25 Jul 2024 19:49

Tgt Ion: 84 Resp: 10466
Ion Ratio Lower Upper
84 100
49 108.8 84.4 126.6
51 39.8 26.0 39.0#
86 60.7 49.5 74.3

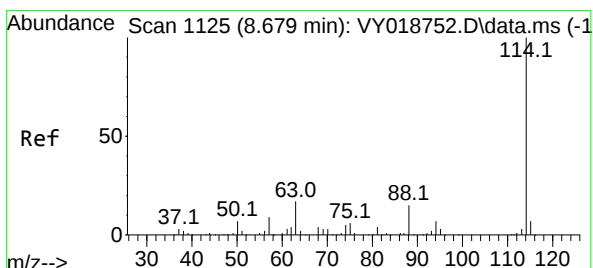
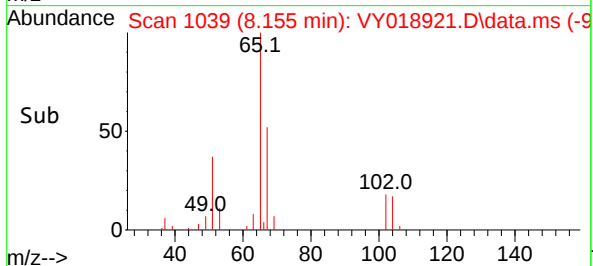
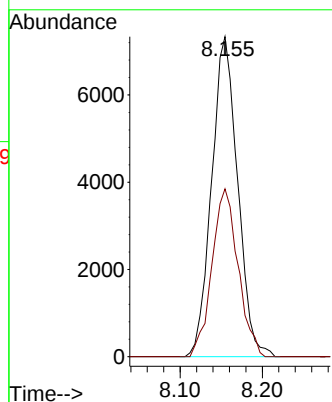
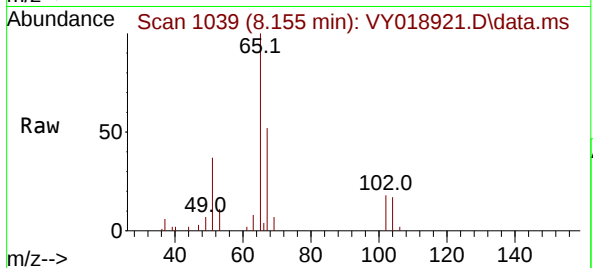




#33
1,2-Dichloroethane-d4
Concen: 49.496 ug/l
RT: 8.155 min Scan# 1103
Delta R.T. 0.024 min
Lab File: VY018921.D
Acq: 25 Jul 2024 19:49

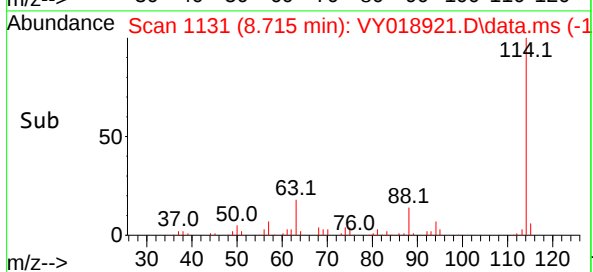
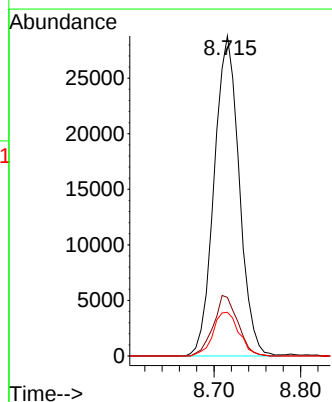
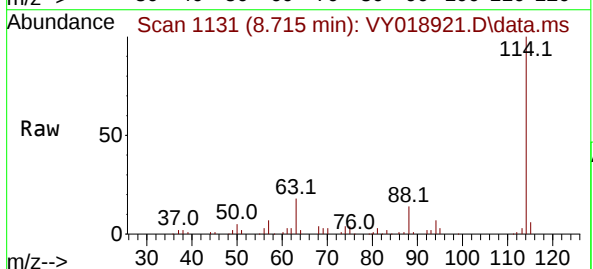
Instrument :
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SOIL-COMP

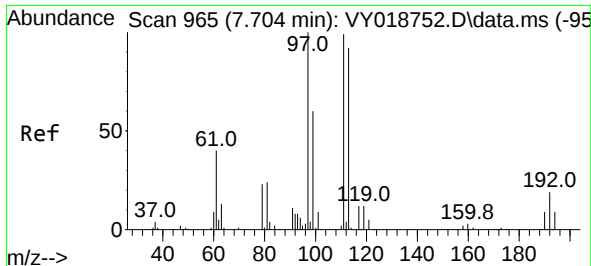
Tgt Ion: 65 Resp: 16133
Ion Ratio Lower Upper
65 100
67 52.7 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.715 min Scan# 1131
Delta R.T. 0.036 min
Lab File: VY018921.D
Acq: 25 Jul 2024 19:49

Tgt Ion: 114 Resp: 57808
Ion Ratio Lower Upper
114 100
63 18.3 0.0 35.0
88 13.6 0.0 27.2

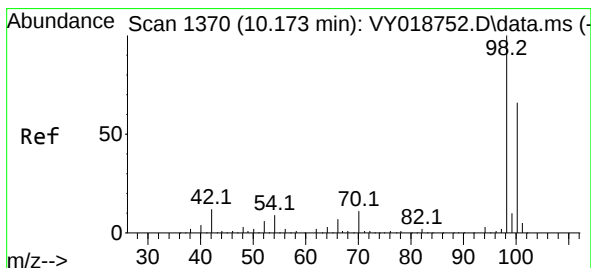
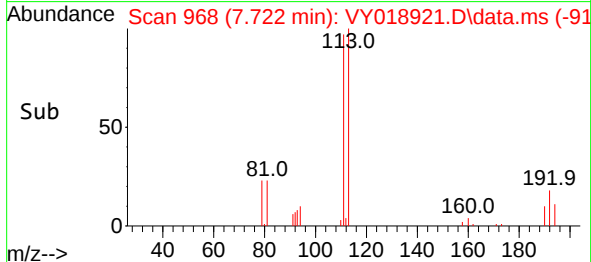
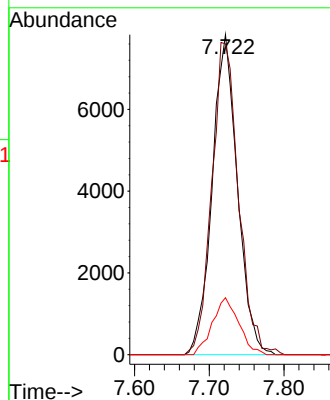
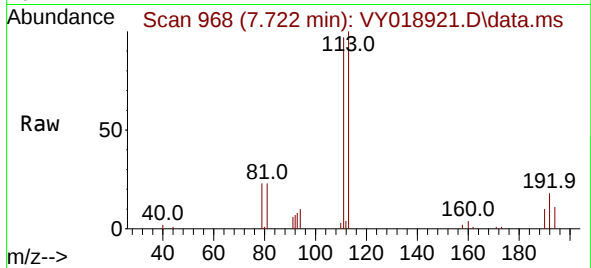




#35
Dibromofluoromethane
Concen: 50.892 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY018921.D
Acq: 25 Jul 2024 19:49

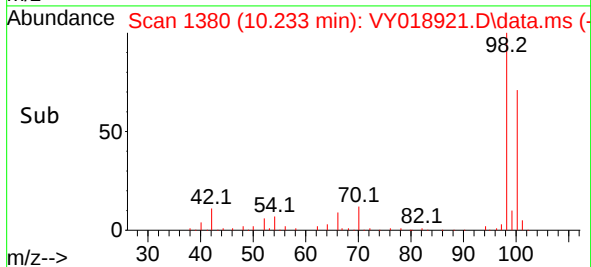
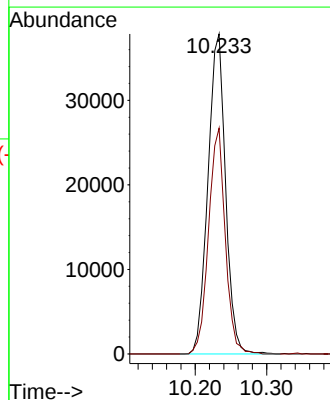
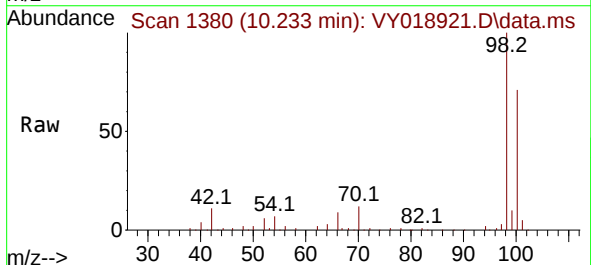
Instrument :
MSVOA_Y
ClientSampleId :
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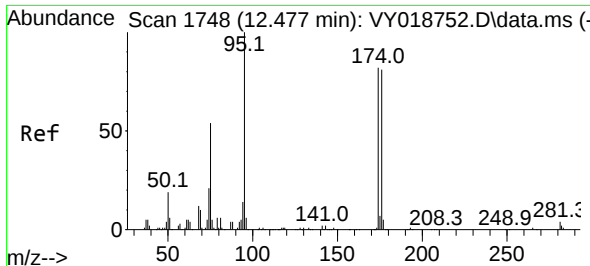
Tgt Ion:113 Resp: 18426
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 18.5 15.9 23.9



#50
Toluene-d8
Concen: 47.137 ug/l
RT: 10.233 min Scan# 1380
Delta R.T. 0.061 min
Lab File: VY018921.D
Acq: 25 Jul 2024 19:49

Tgt Ion: 98 Resp: 64659
Ion Ratio Lower Upper
98 100
100 67.0 52.0 78.0

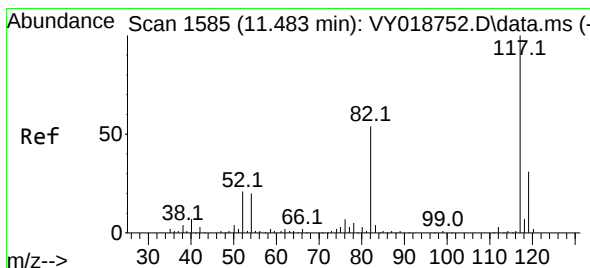
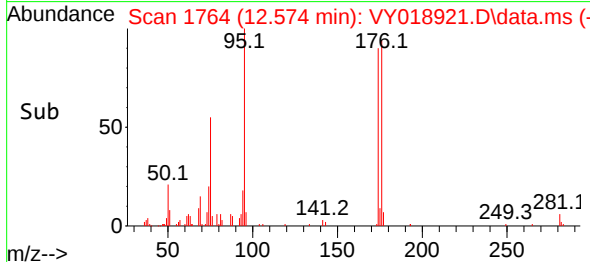
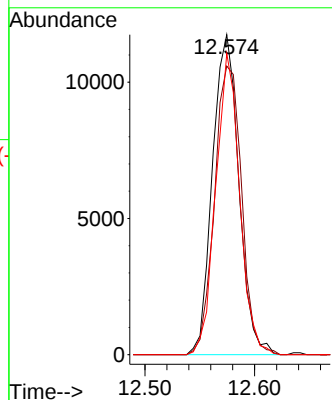
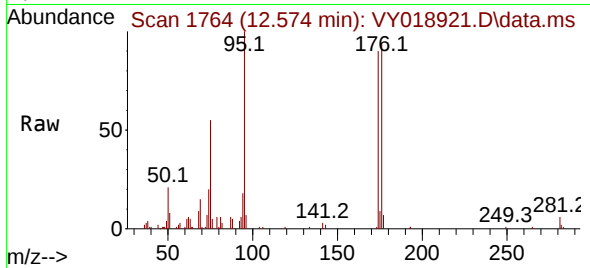




#62
4-Bromofluorobenzene
Concen: 41.845 ug/l
RT: 12.574 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY018921.D
Acq: 25 Jul 2024 19:49

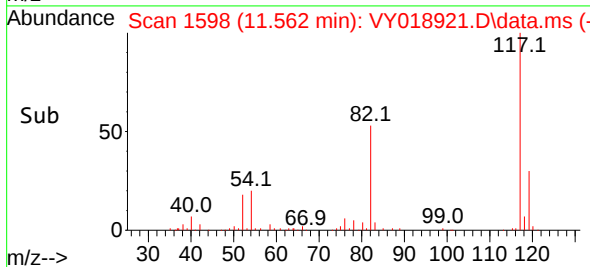
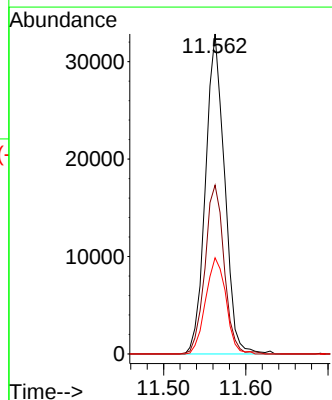
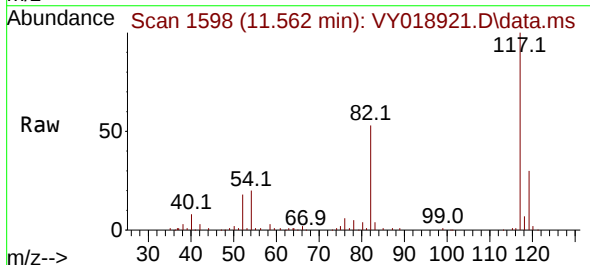
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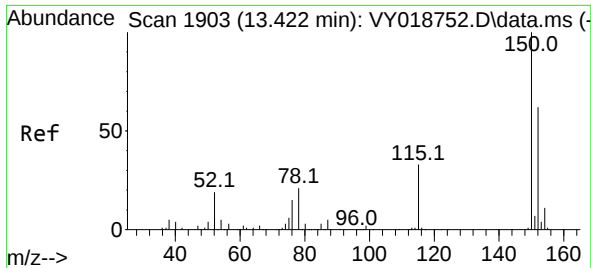
Tgt Ion: 95 Resp: 19602
Ion Ratio Lower Upper
95 100
174 92.7 0.0 175.6
176 85.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.562 min Scan# 1598
Delta R.T. 0.079 min
Lab File: VY018921.D
Acq: 25 Jul 2024 19:49

Tgt Ion: 117 Resp: 53011
Ion Ratio Lower Upper
117 100
82 52.7 42.4 63.6
119 30.0 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.538 min Scan# 19

Delta R.T. 0.116 min

Lab File: VY018921.D

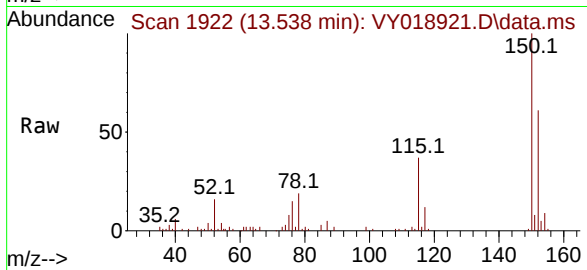
Acq: 25 Jul 2024 19:49

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-COMP



Tgt Ion:152 Resp: 20519

Ion Ratio Lower Upper

152 100

115 58.8 28.2 84.7

150 162.2 0.0 345.6

