

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031323\
 Data File : VY012924.D
 Acq On : 13 Mar 2023 13:22
 Operator : KP/MD
 Sample : 01877-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-SOIL

Quant Time: Mar 14 01:26:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

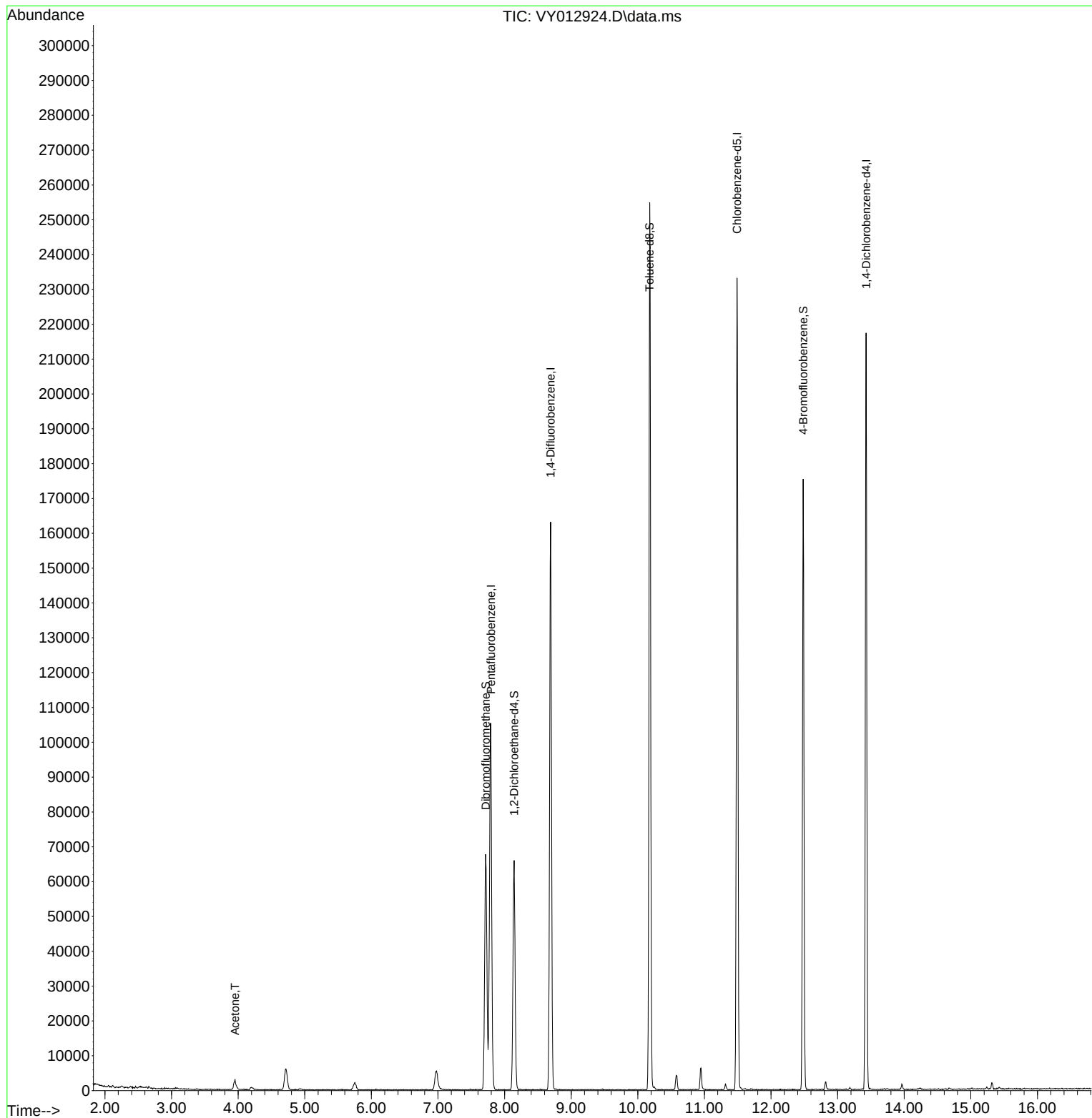
Internal Standards						
1) Pentafluorobenzene	7.795	168	82959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	139108	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	126389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	50120	60.849	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.700%
35) Dibromofluoromethane	7.716	113	46680	55.604	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.200%
50) Toluene-d8	10.179	98	165566	53.946	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.900%
62) 4-Bromofluorobenzene	12.483	95	49455	47.741	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.480%
Target Compounds						
16) Acetone	3.954	43	4775	14.770	ug/l	Qvalue # 87

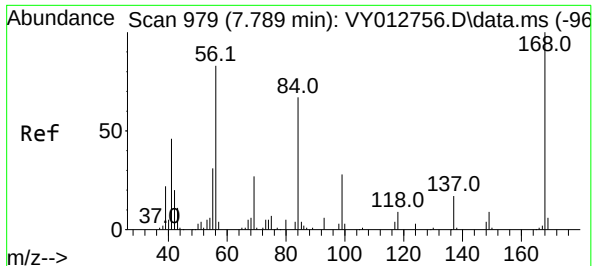
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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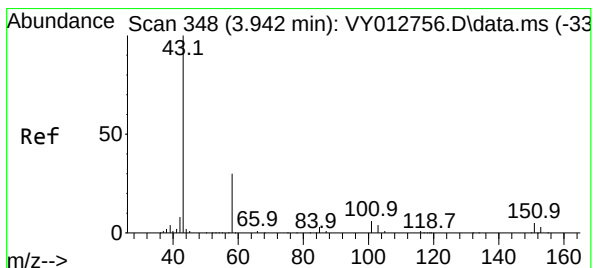
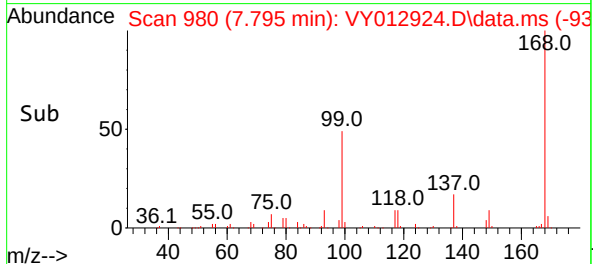
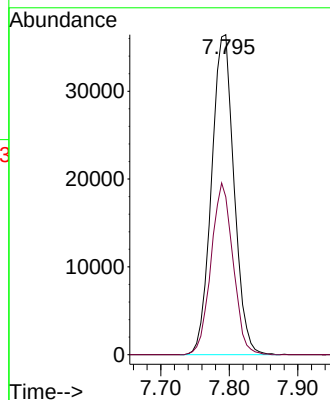
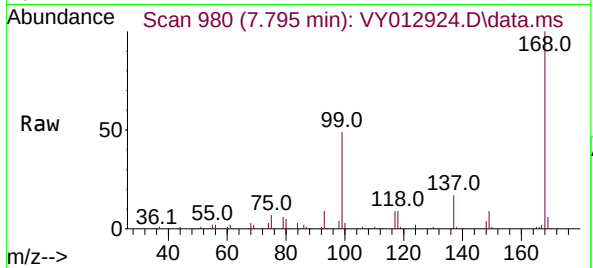




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012924.D
Acq: 13 Mar 2023 13:22

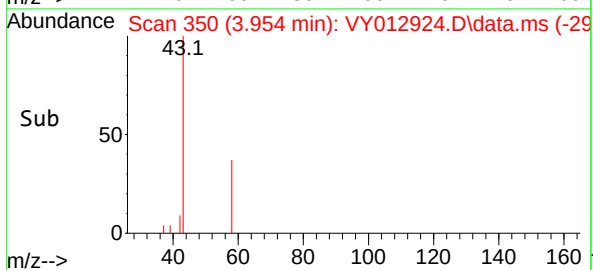
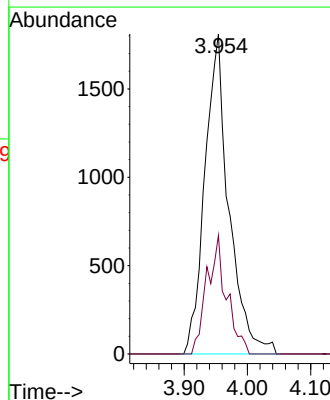
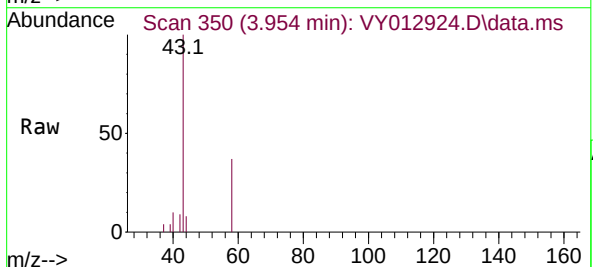
Instrument :
MSVOA_Y
ClientSampleId :
COMP-SOIL

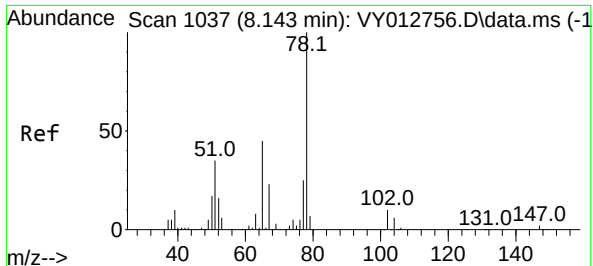
Tgt Ion:168 Resp: 82959
Ion Ratio Lower Upper
168 100
99 49.3 41.7 62.5



#16
Acetone
Concen: 14.770 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY012924.D
Acq: 13 Mar 2023 13:22

Tgt Ion: 43 Resp: 4775
Ion Ratio Lower Upper
43 100
58 37.1 24.2 36.2#





#33

1,2-Dichloroethane-d4

Concen: 60.849 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012924.D

Acq: 13 Mar 2023 13:22

Instrument :

MSVOA_Y

ClientSampleId :

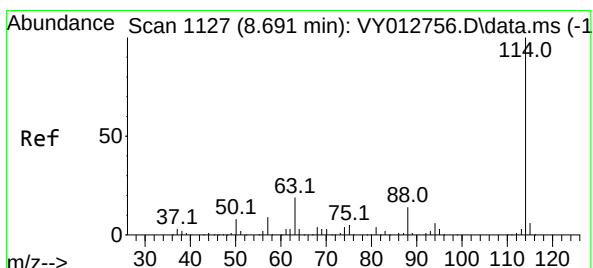
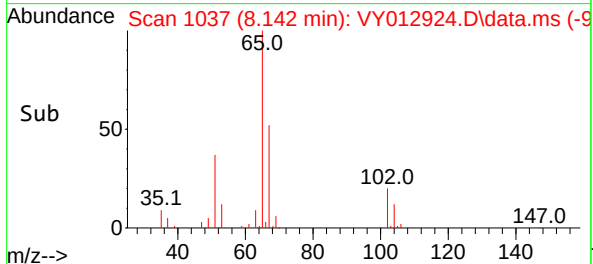
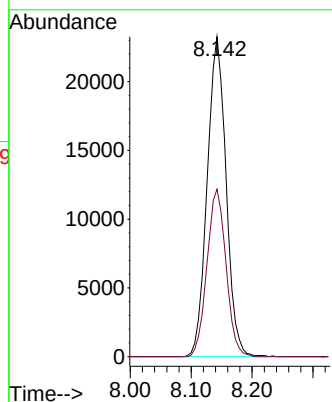
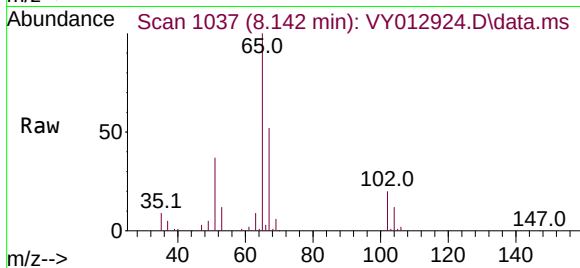
COMP-SOIL

Tgt Ion: 65 Resp: 50120

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012924.D

Acq: 13 Mar 2023 13:22

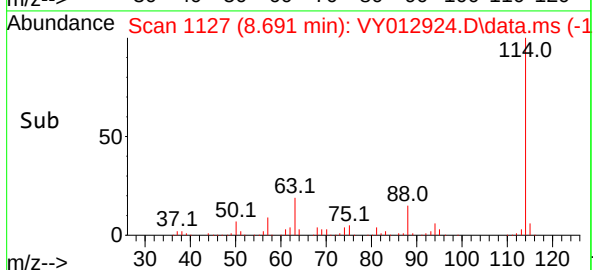
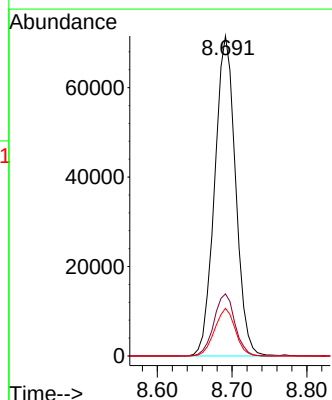
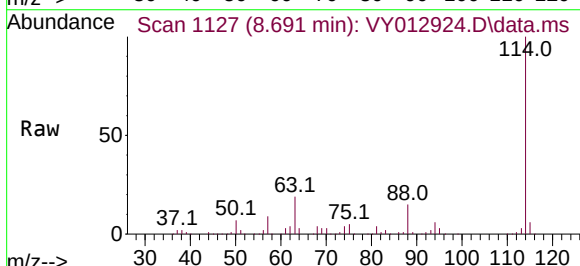
Tgt Ion: 114 Resp: 139108

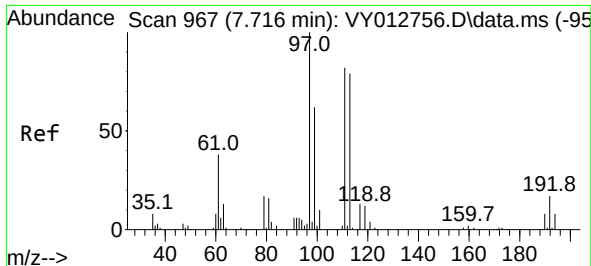
Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

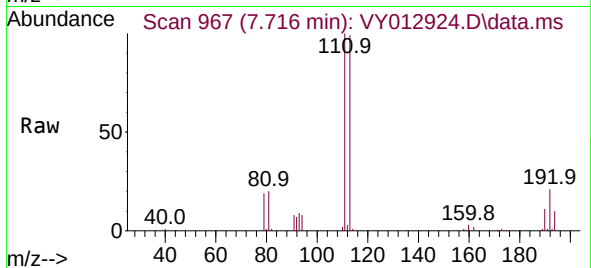
88 14.9 0.0 28.6



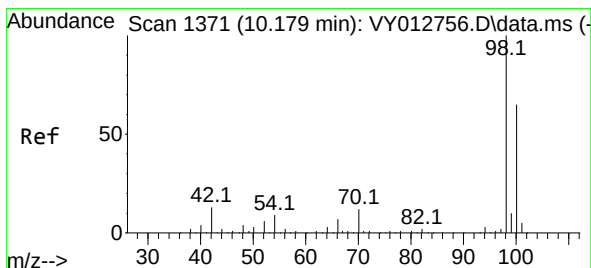
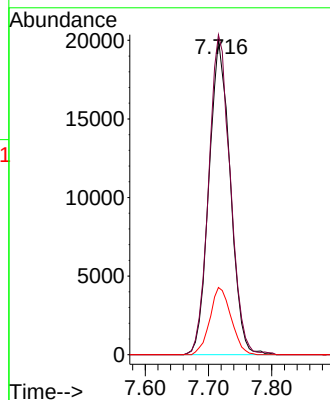
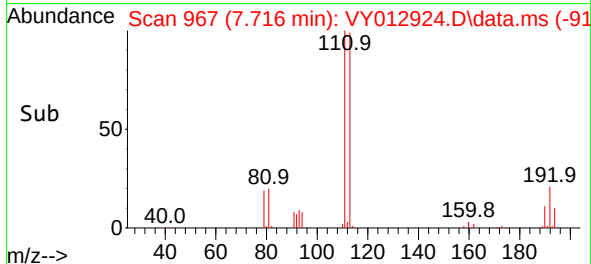


#35
Dibromofluoromethane
Concen: 55.604 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY012924.D
Acq: 13 Mar 2023 13:22

Instrument :
MSVOA_Y
ClientSampleId :
COMP-SOIL

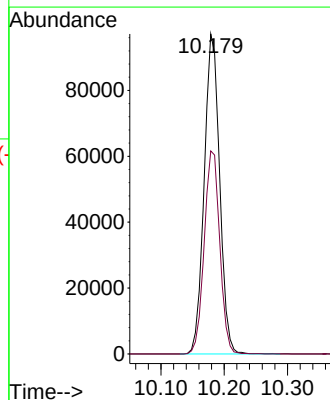
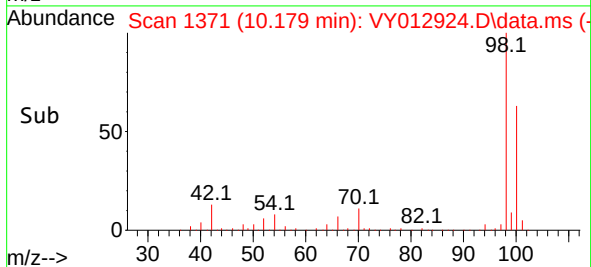
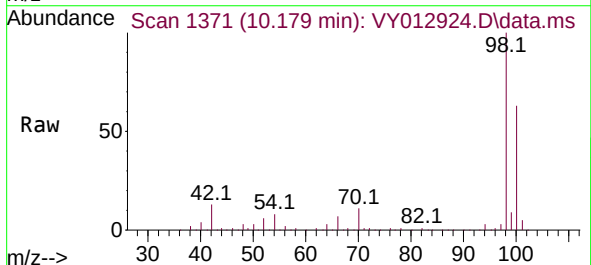


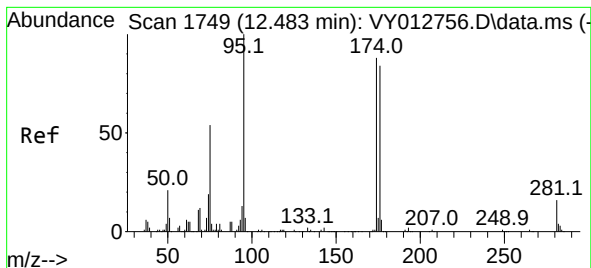
Tgt Ion:113 Resp: 46680
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 21.3 16.8 25.2



#50
Toluene-d8
Concen: 53.946 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012924.D
Acq: 13 Mar 2023 13:22

Tgt Ion: 98 Resp: 165566
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3

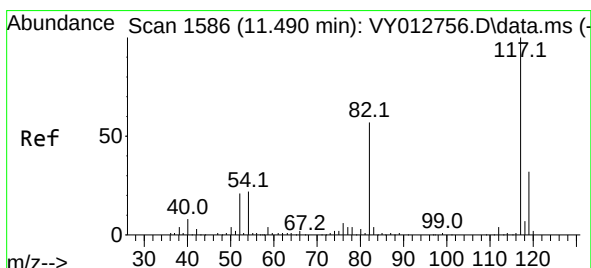
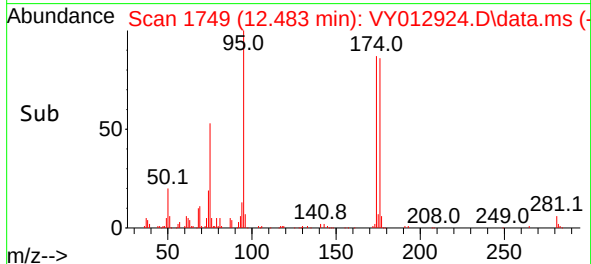
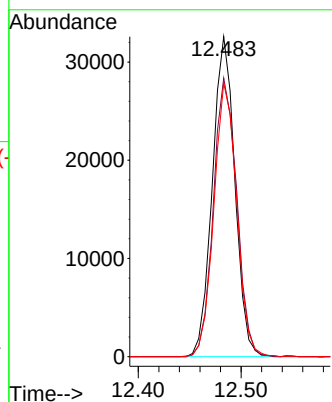
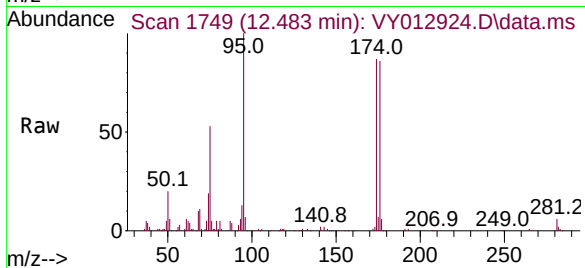




#62
4-Bromofluorobenzene
Concen: 47.741 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012924.D
Acq: 13 Mar 2023 13:22

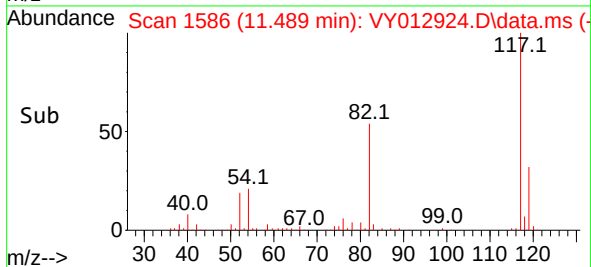
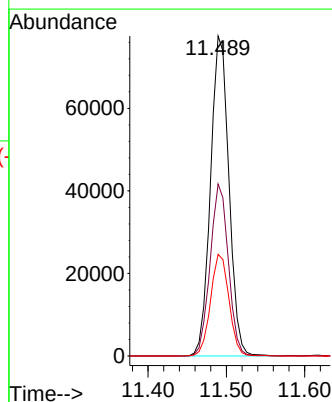
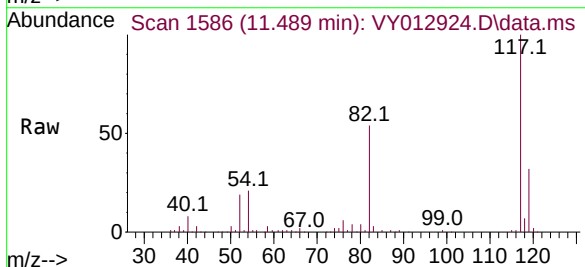
Instrument :
MSVOA_Y
ClientSampleId :
COMP-SOIL

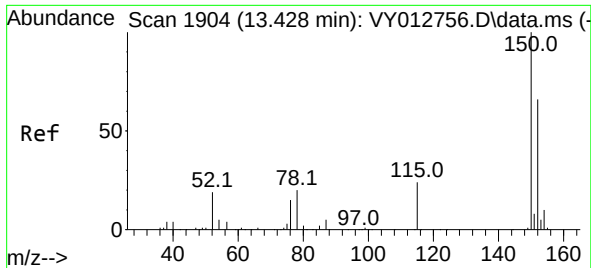
Tgt Ion: 95 Resp: 49455
Ion Ratio Lower Upper
95 100
174 90.2 0.0 176.6
176 86.7 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012924.D
Acq: 13 Mar 2023 13:22

Tgt Ion: 117 Resp: 126389
Ion Ratio Lower Upper
117 100
82 53.7 45.4 68.0
119 31.8 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY012924.D
 Acq: 13 Mar 2023 13:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-SOIL

Tgt Ion:152 Resp: 56377
 Ion Ratio Lower Upper
 152 100
 115 55.4 27.1 81.3
 150 155.1 0.0 347.8

