

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050523\
 Data File : VY013628.D
 Acq On : 05 May 2023 16:18
 Operator : KP/MD
 Sample : 02603-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BUR-SOILCOMP

Quant Time: May 08 00:24:55 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)

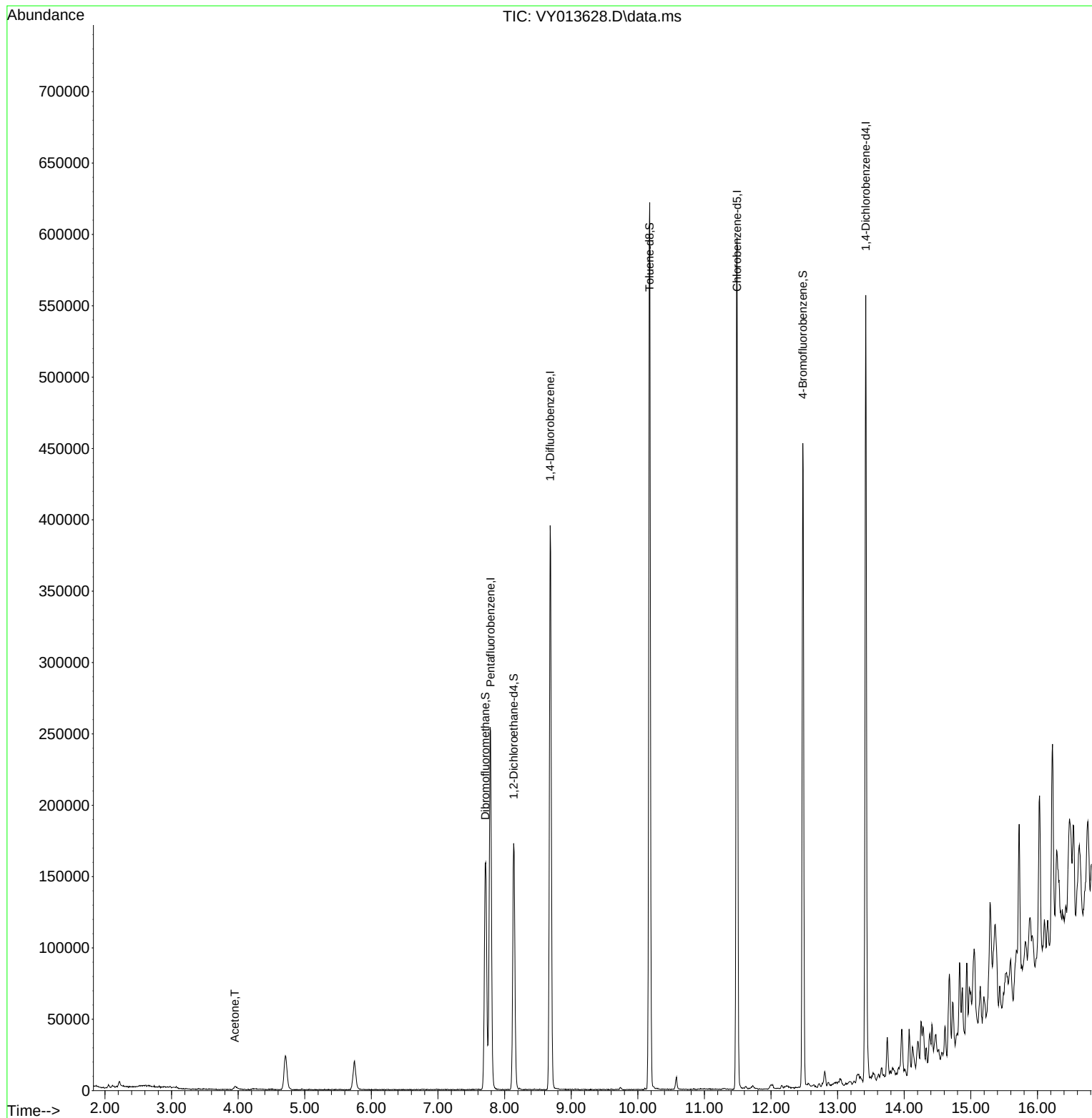
Internal Standards						
1) Pentafluorobenzene	7.789	168	196632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	331329	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	322851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	138852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	144902	67.224	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.440%	
35) Dibromofluoromethane	7.710	113	115649	55.496	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.000%	
50) Toluene-d8	10.179	98	405491	54.698	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.400%	
62) 4-Bromofluorobenzene	12.477	95	130181	52.089	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.180%	
Target Compounds						
16) Acetone	3.948	43	4974	5.860	ug/l	Qvalue 91

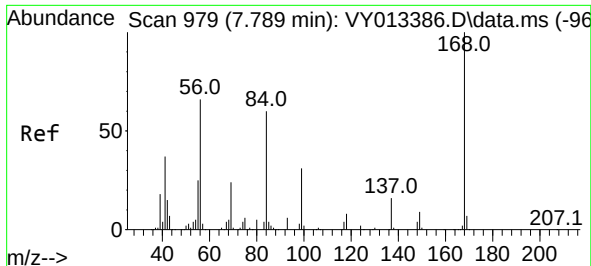
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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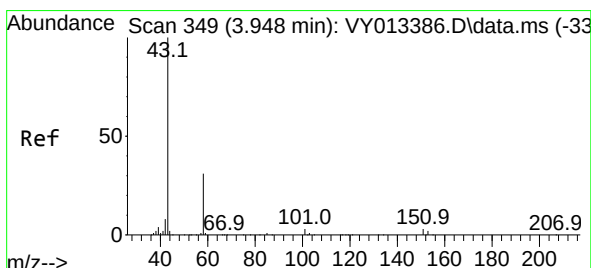
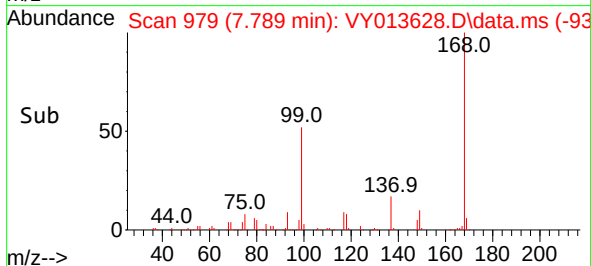
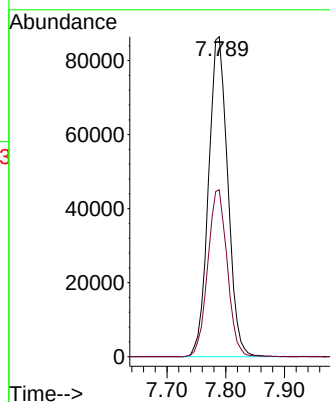
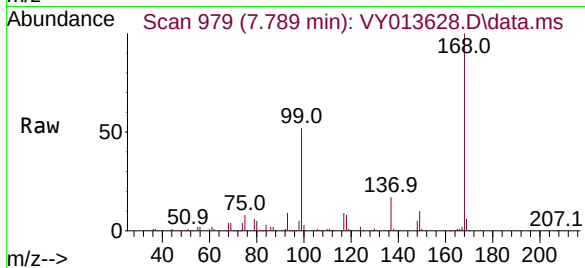




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013628.D
Acq: 05 May 2023 16:18

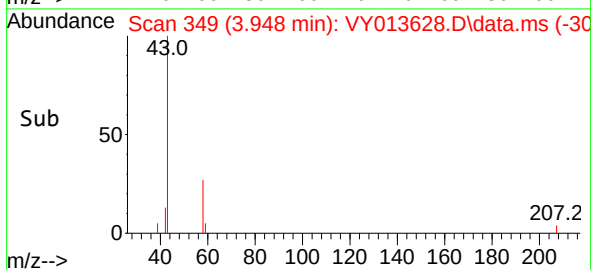
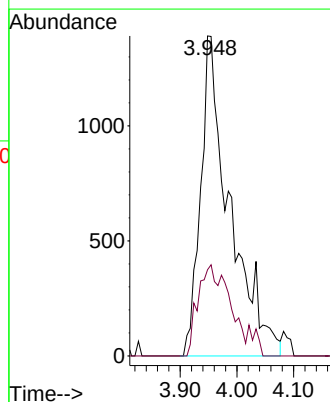
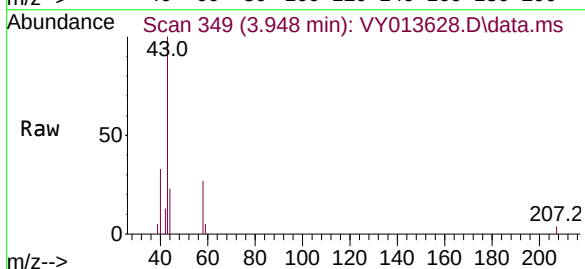
Instrument :
MSVOA_Y
ClientSampleId :
BUR-SOILCOMP

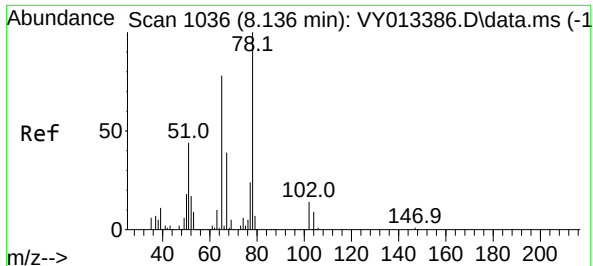
Tgt Ion:168 Resp: 196632
Ion Ratio Lower Upper
168 100
99 52.2 41.8 62.6



#16
Acetone
Concen: 5.860 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY013628.D
Acq: 05 May 2023 16:18

Tgt Ion: 43 Resp: 4974
Ion Ratio Lower Upper
43 100
58 27.0 25.4 38.0





#33

1,2-Dichloroethane-d4

Concen: 67.224 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY013628.D

Acq: 05 May 2023 16:18

Instrument :

MSVOA_Y

ClientSampleId :

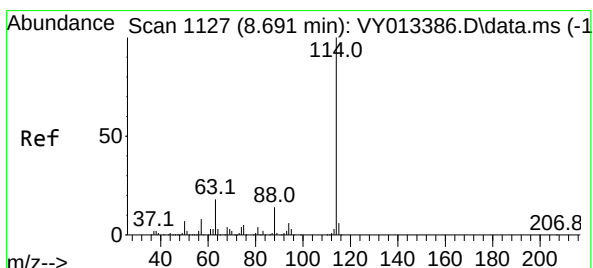
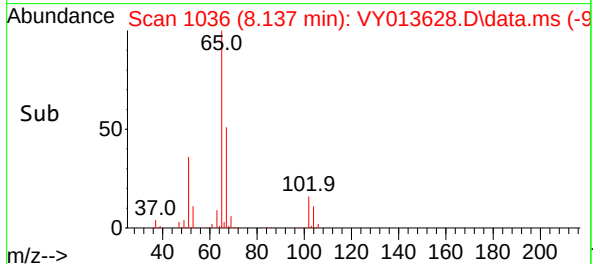
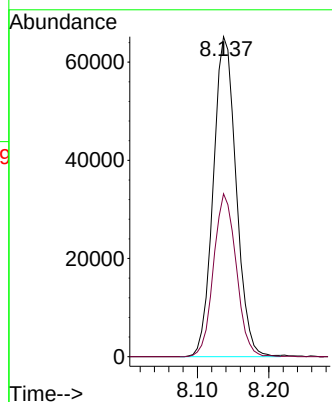
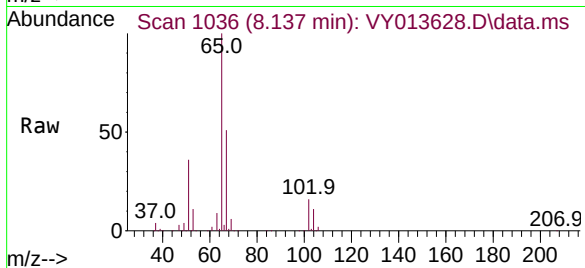
BUR-SOILCOMP

Tgt Ion: 65 Resp: 144902

Ion Ratio Lower Upper

65 100

67 50.4 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013628.D

Acq: 05 May 2023 16:18

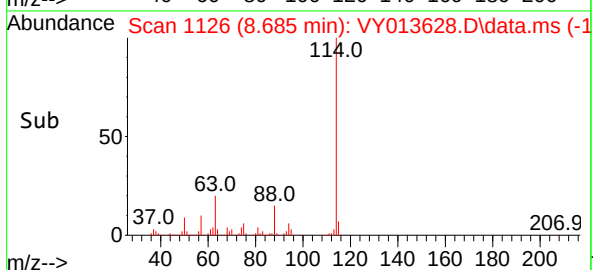
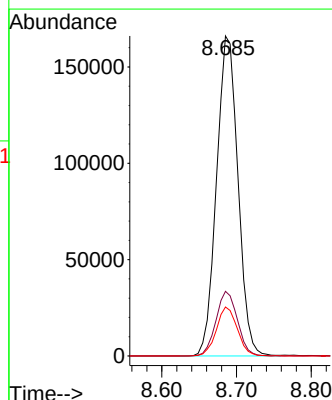
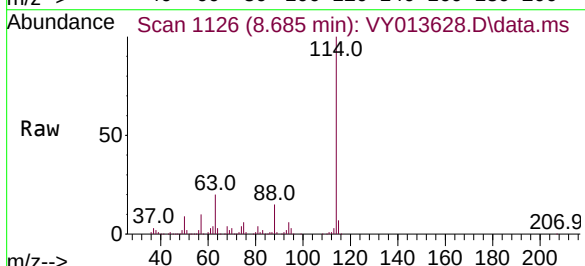
Tgt Ion: 114 Resp: 331329

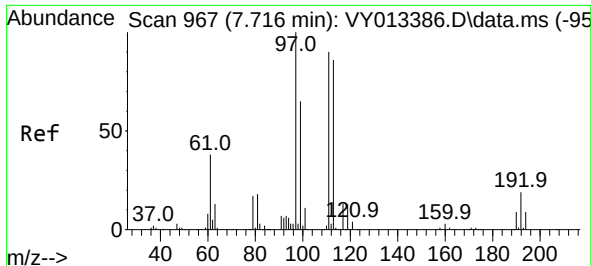
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.6

88 15.3 0.0 28.8

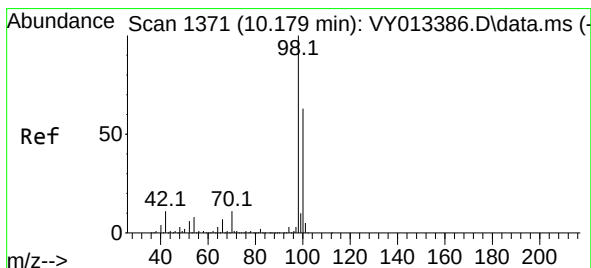
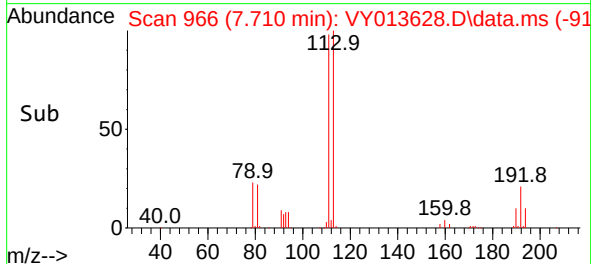
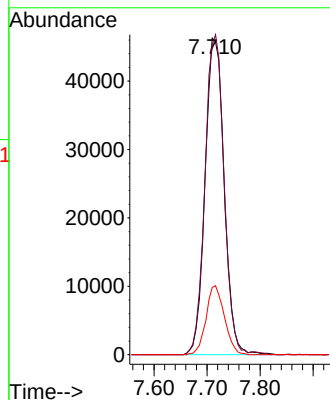
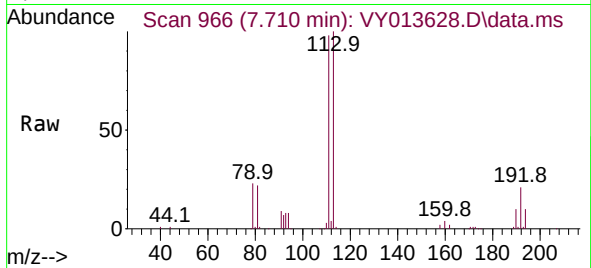




#35
Dibromofluoromethane
Concen: 55.496 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013628.D
Acq: 05 May 2023 16:18

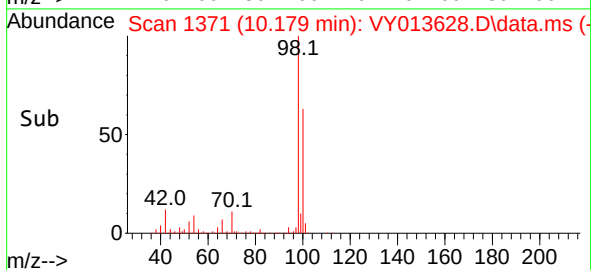
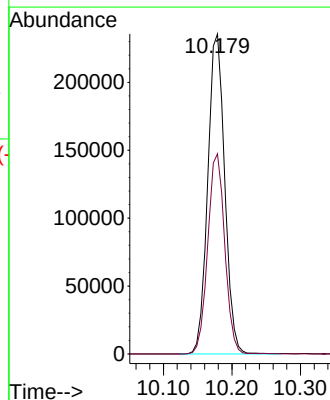
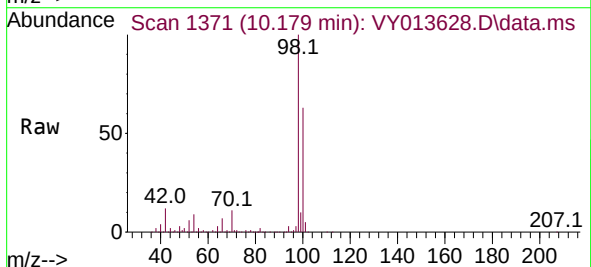
Instrument :
MSVOA_Y
ClientSampleId :
BUR-SOILCOMP

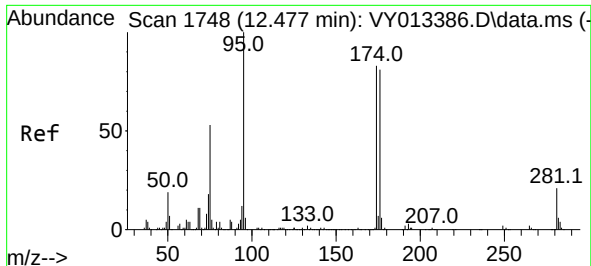
Tgt Ion:113 Resp: 115649
Ion Ratio Lower Upper
113 100
111 100.7 82.2 123.2
192 21.0 16.7 25.1



#50
Toluene-d8
Concen: 54.698 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013628.D
Acq: 05 May 2023 16:18

Tgt Ion: 98 Resp: 405491
Ion Ratio Lower Upper
98 100
100 62.7 50.5 75.7

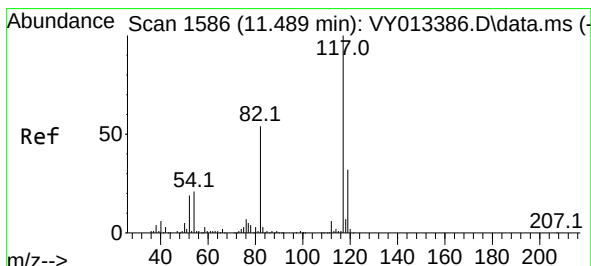
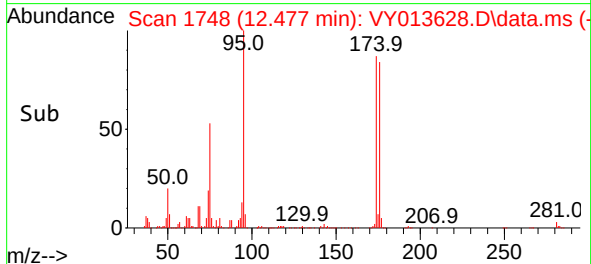
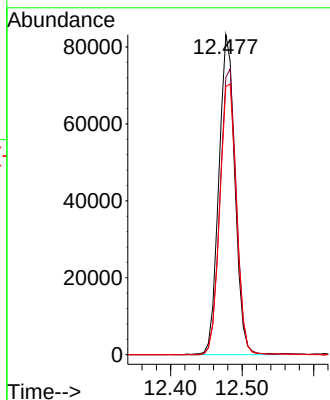
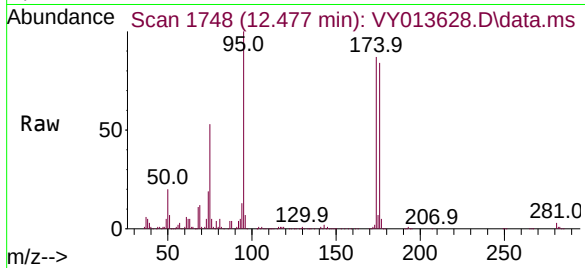




#62
4-Bromofluorobenzene
Concen: 52.089 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013628.D
Acq: 05 May 2023 16:18

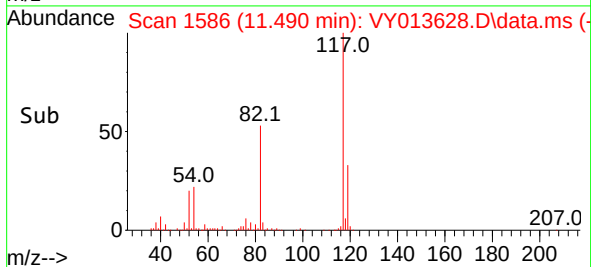
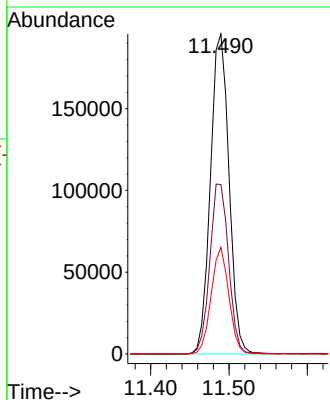
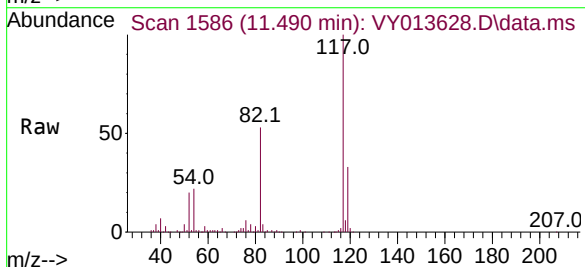
Instrument :
MSVOA_Y
ClientSampleId :
BUR-SOILCOMP

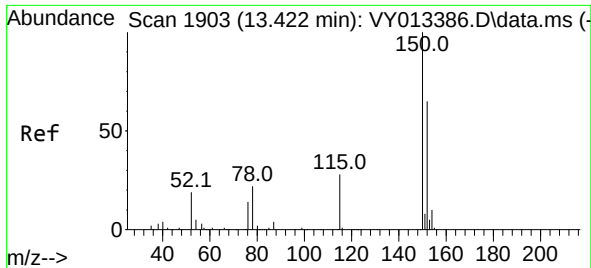
Tgt Ion: 95 Resp: 130181
Ion Ratio Lower Upper
95 100
174 90.9 0.0 182.0
176 87.7 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013628.D
Acq: 05 May 2023 16:18

Tgt Ion: 117 Resp: 322851
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.6
119 33.3 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: VY013628.D

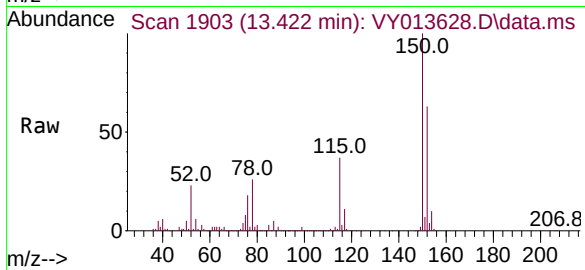
Acq: 05 May 2023 16:18

Instrument :

MSVOA_Y

ClientSampleId :

BUR-SOILCOMP



Tgt Ion:152 Resp: 138852

Ion Ratio Lower Upper

152 100

115 56.8 28.1 84.2

150 152.9 0.0 352.0

