

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071323\
 Data File : VY014634.D
 Acq On : 13 Jul 2023 18:00
 Operator : SY/MD
 Sample : 03592-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-PILE

Quant Time: Jul 14 04:28:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

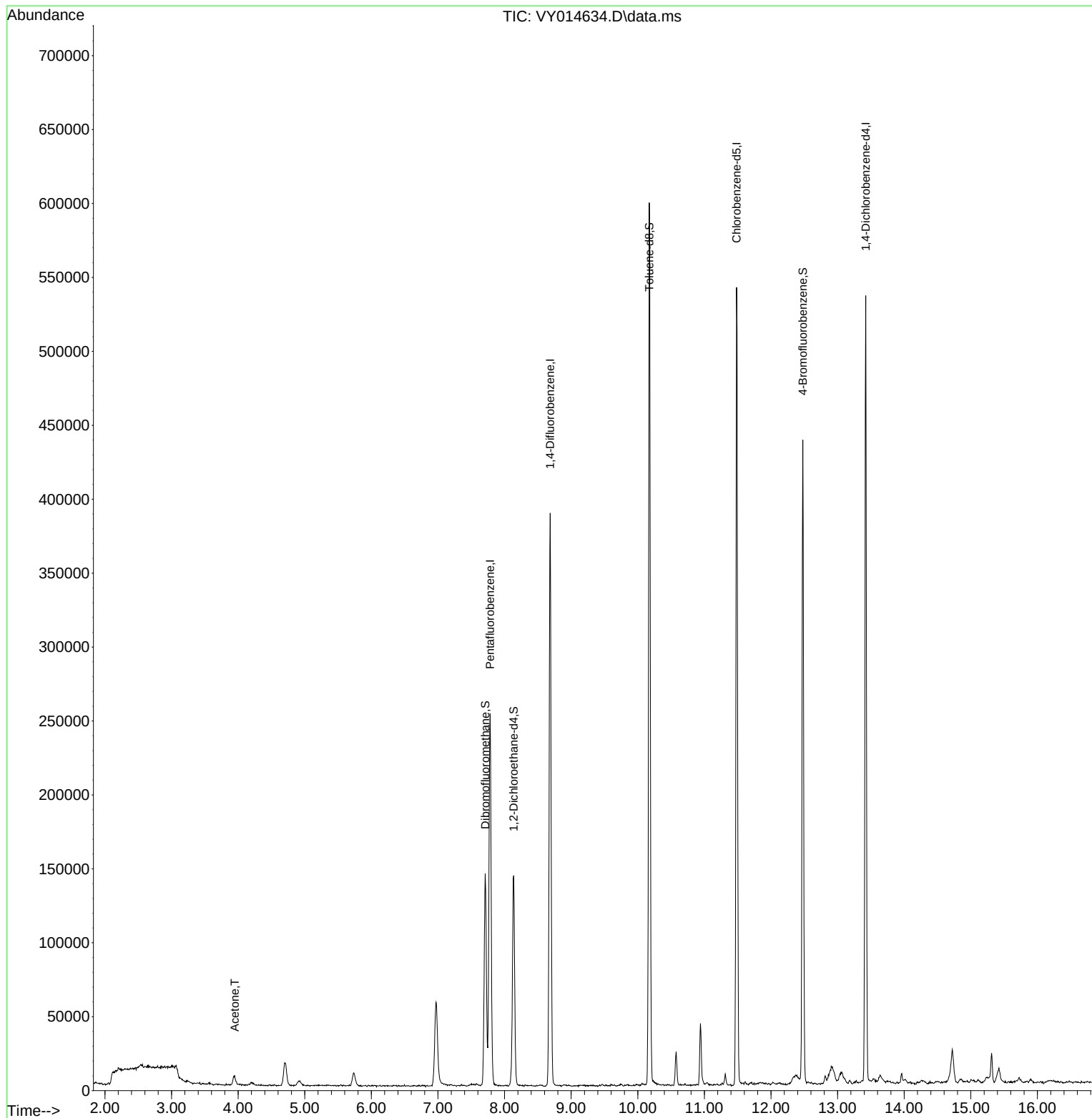
Internal Standards						
1) Pentafluorobenzene	7.783	168	195160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	332463	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	293820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	109206	49.105	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.220%
35) Dibromofluoromethane	7.710	113	100943	47.696	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.400%
50) Toluene-d8	10.173	98	391036	50.116	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.240%
62) 4-Bromofluorobenzene	12.477	95	139923	46.768	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.540%
Target Compounds						
16) Acetone	3.948	43	11009	15.621	ug/l	Qvalue # 89

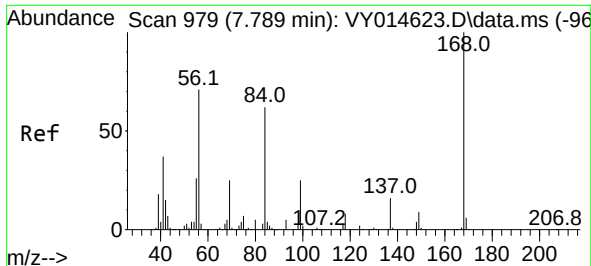
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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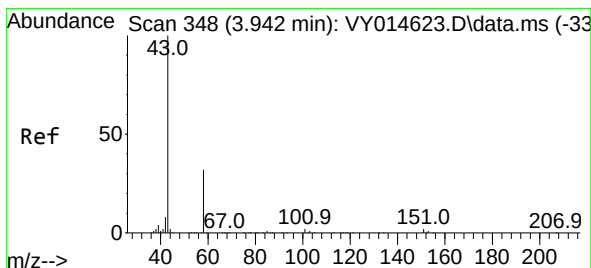
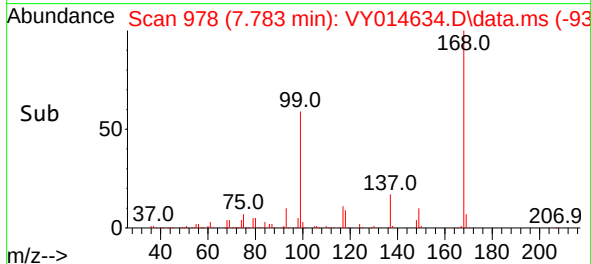
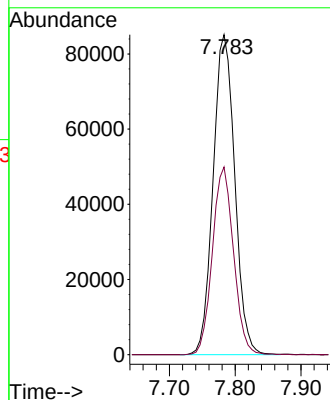
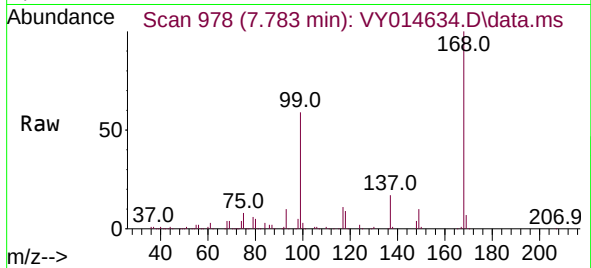




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014634.D
Acq: 13 Jul 2023 18:00

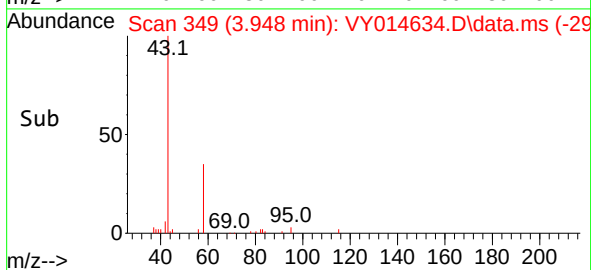
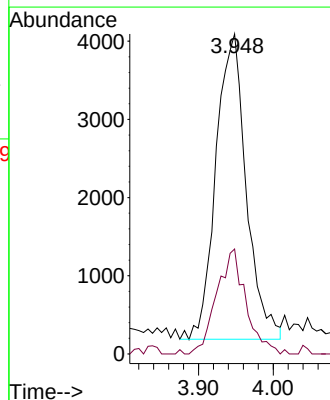
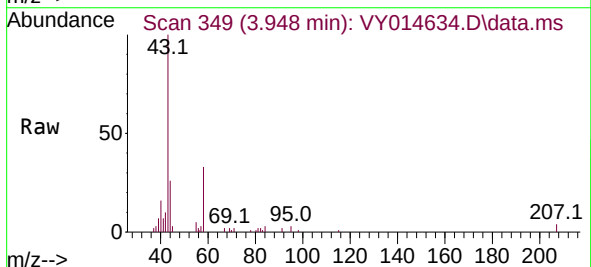
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE

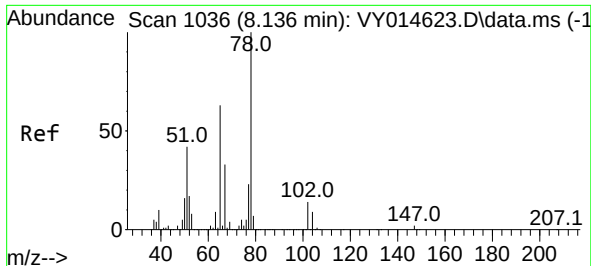
Tgt Ion:168 Resp: 195160
Ion Ratio Lower Upper
168 100
99 58.7 43.4 65.0



#16
Acetone
Concen: 15.621 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014634.D
Acq: 13 Jul 2023 18:00

Tgt Ion: 43 Resp: 11009
Ion Ratio Lower Upper
43 100
58 34.4 22.7 34.1#





#33

1,2-Dichloroethane-d4

Concen: 49.105 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014634.D

Acq: 13 Jul 2023 18:00

Instrument :

MSVOA_Y

ClientSampleId :

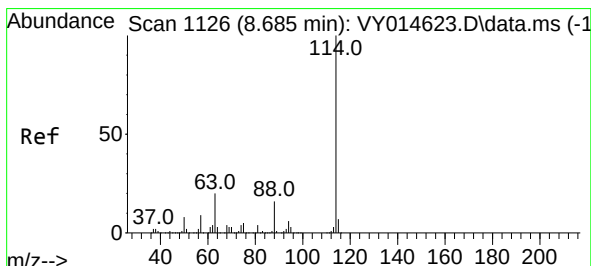
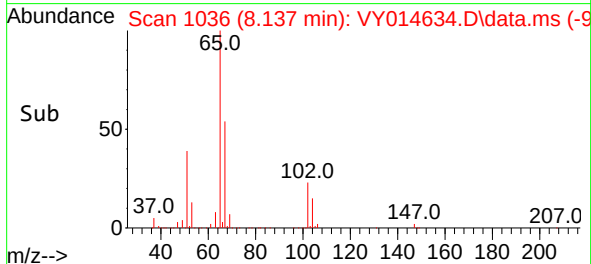
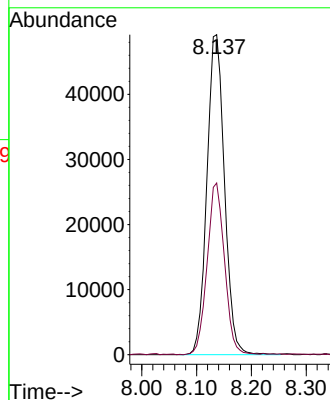
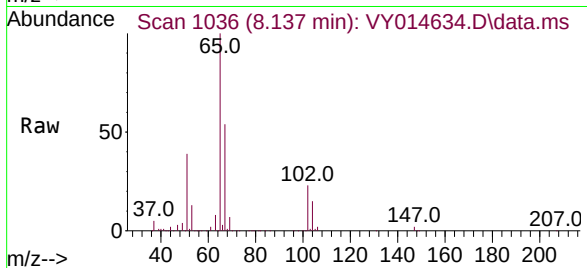
SOIL-PILE

Tgt Ion: 65 Resp: 109206

Ion Ratio Lower Upper

65 100

67 53.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014634.D

Acq: 13 Jul 2023 18:00

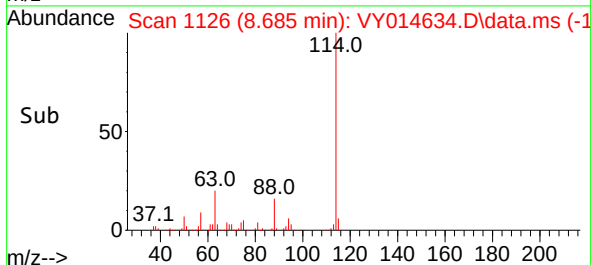
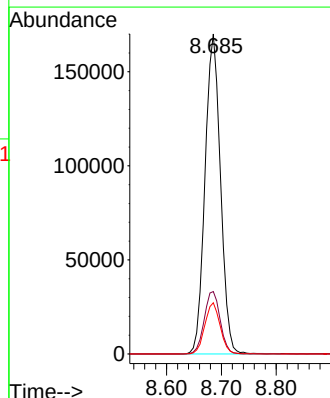
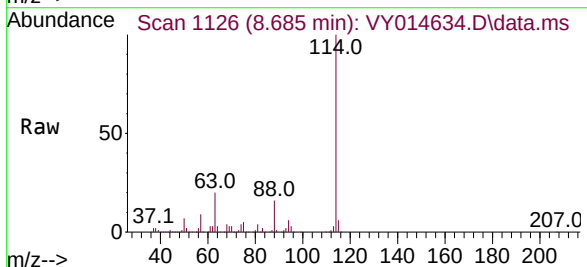
Tgt Ion:114 Resp: 332463

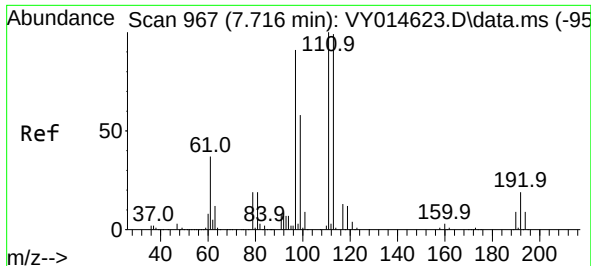
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 16.0 0.0 30.6

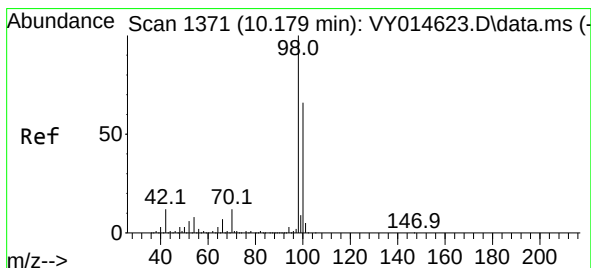
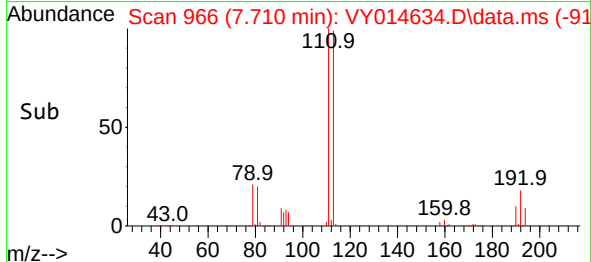
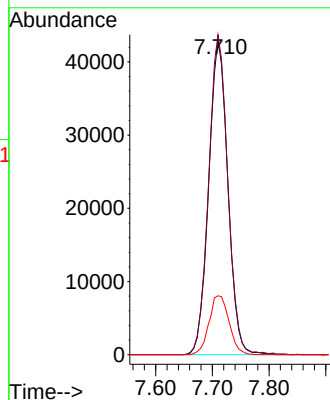
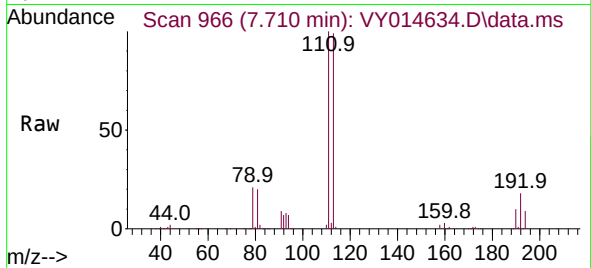




#35
Dibromofluoromethane
Concen: 47.696 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014634.D
Acq: 13 Jul 2023 18:00

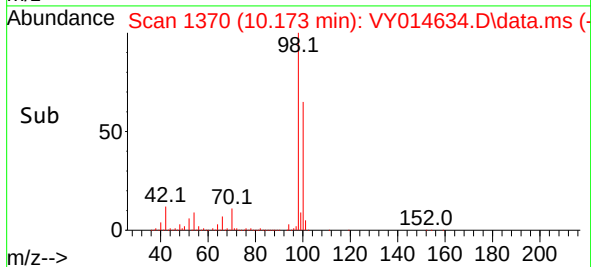
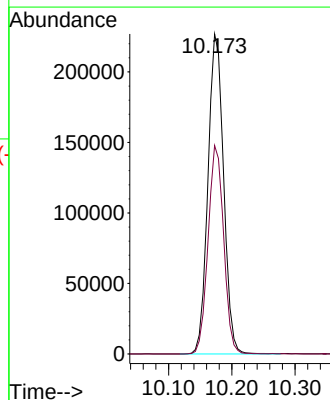
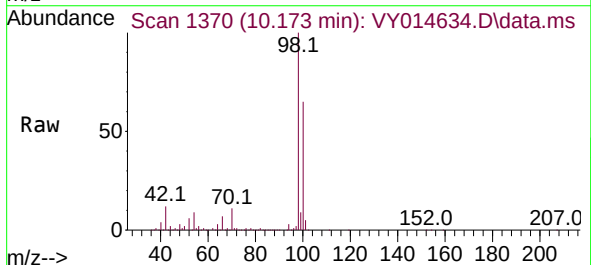
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE

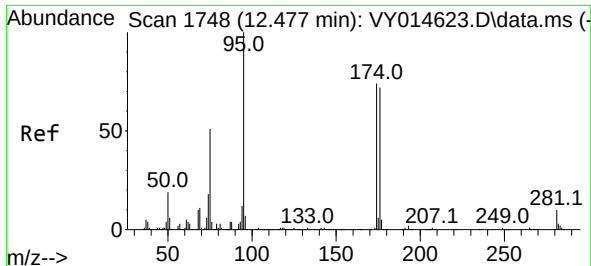
Tgt Ion:113 Resp: 100943
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 19.6 16.9 25.3



#50
Toluene-d8
Concen: 50.116 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014634.D
Acq: 13 Jul 2023 18:00

Tgt Ion: 98 Resp: 391036
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1

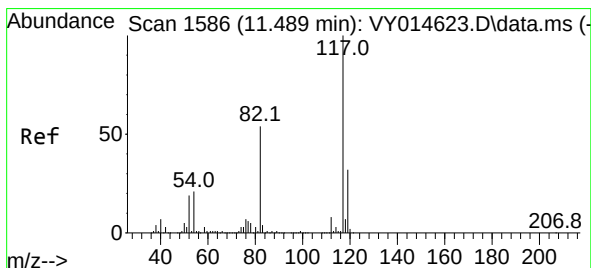
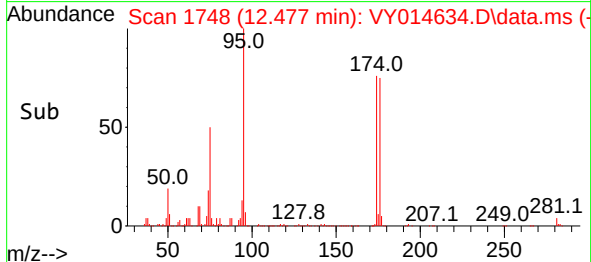
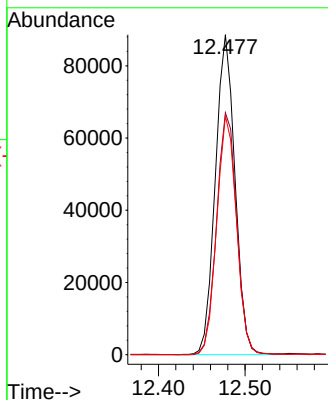
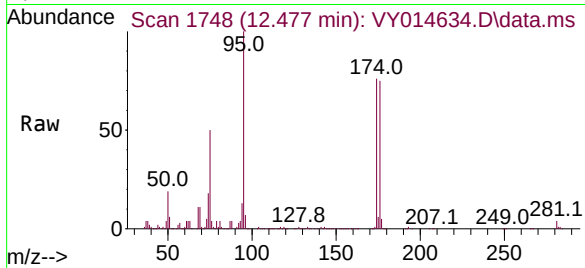




#62
4-Bromofluorobenzene
Concen: 46.768 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014634.D
Acq: 13 Jul 2023 18:00

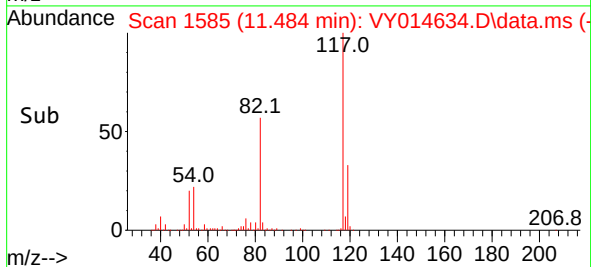
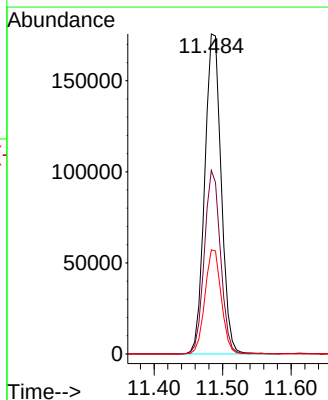
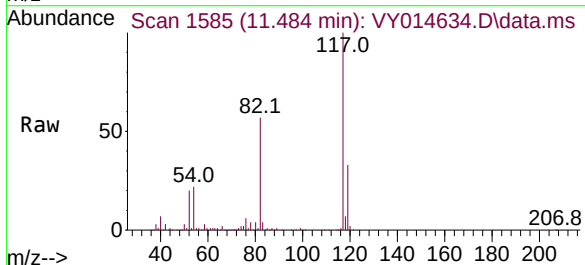
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE

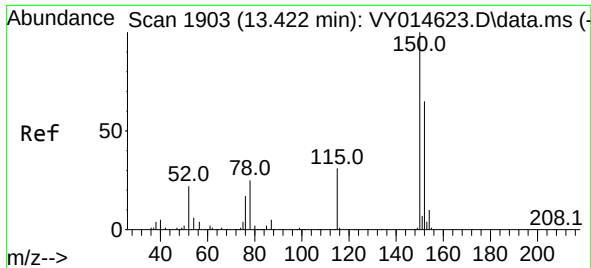
Tgt Ion: 95 Resp: 139923
Ion Ratio Lower Upper
95 100
174 77.1 0.0 178.2
176 74.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.484 min Scan# 1585
Delta R.T. -0.005 min
Lab File: VY014634.D
Acq: 13 Jul 2023 18:00

Tgt Ion: 117 Resp: 293820
Ion Ratio Lower Upper
117 100
82 57.3 43.4 65.0
119 32.6 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014634.D

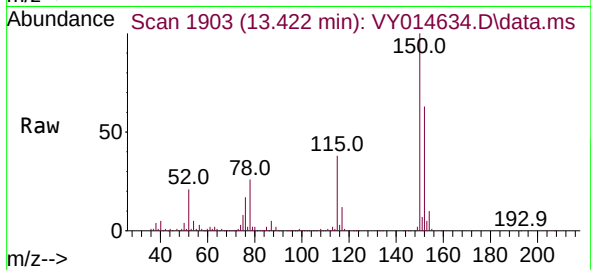
Acq: 13 Jul 2023 18:00

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-PILE



Tgt Ion:152 Resp: 133892

Ion Ratio Lower Upper

152 100

115 59.8 28.8 86.5

150 157.5 0.0 348.8

