

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
 Data File : VY015005.D
 Acq On : 09 Aug 2023 15:07
 Operator : SY/MD
 Sample : 03931-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DAYTON-SOIL1

Quant Time: Aug 10 01:45:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

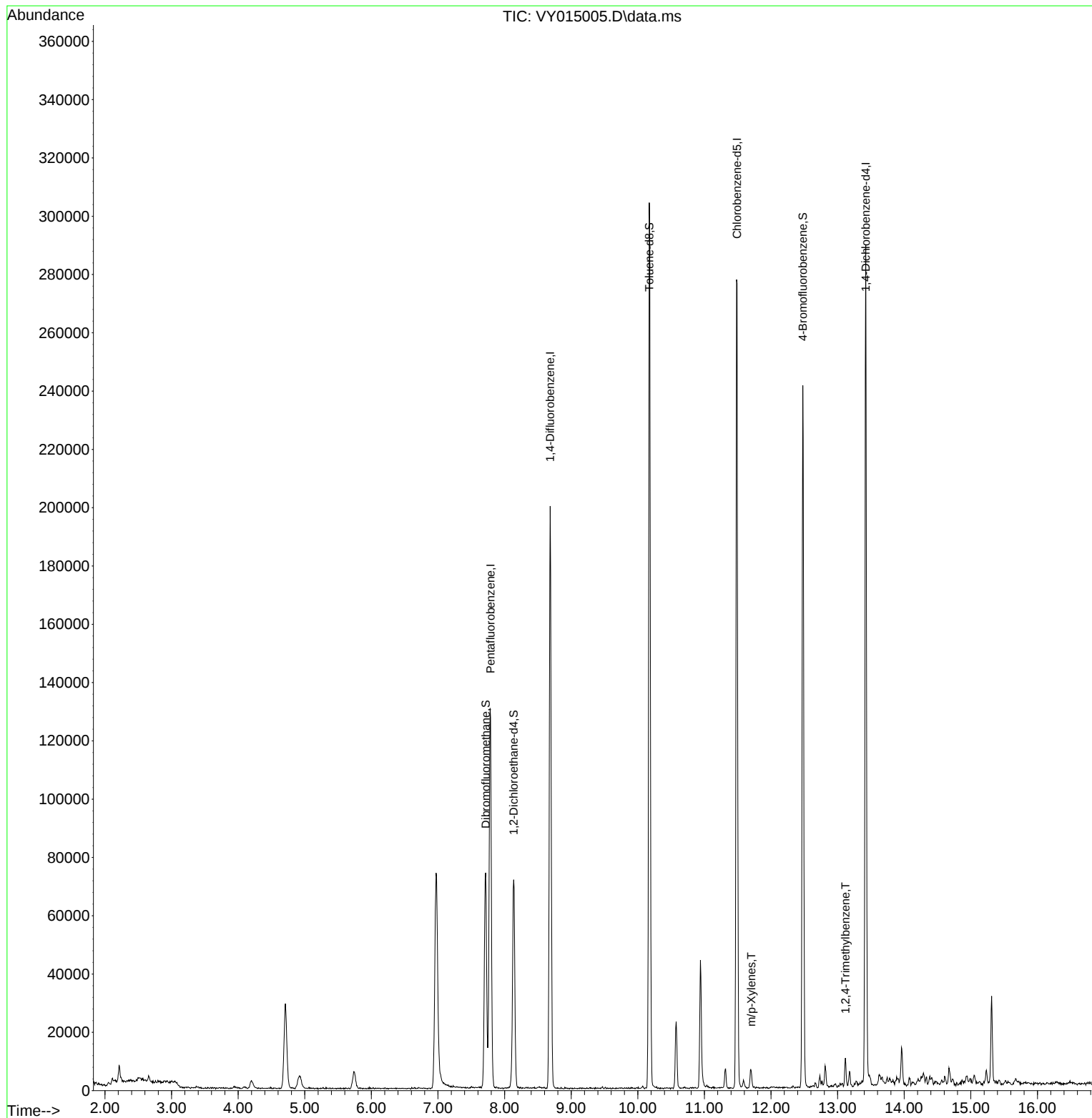
Internal Standards						
1) Pentafluorobenzene	7.789	168	104969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	171807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	154773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	72786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	57153	44.923	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.840%
35) Dibromofluoromethane	7.716	113	51896	47.235	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.480%
50) Toluene-d8	10.173	98	200026	47.833	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.660%
62) 4-Bromofluorobenzene	12.477	95	70866	47.814	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.620%
Target Compounds						
					Qvalue	
68) m/p-Xylenes	11.703	106	2076	1.053	ug/l	89
84) 1,2,4-Trimethylbenzene	13.117	105	5247	1.299	ug/l	96

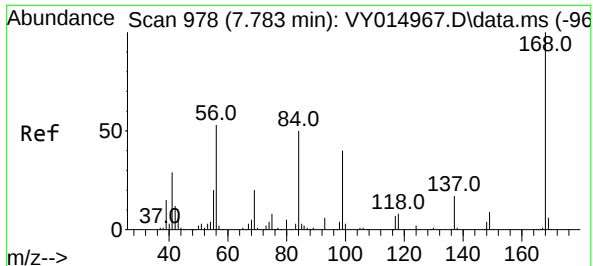
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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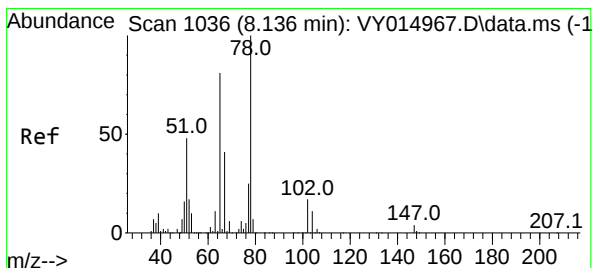
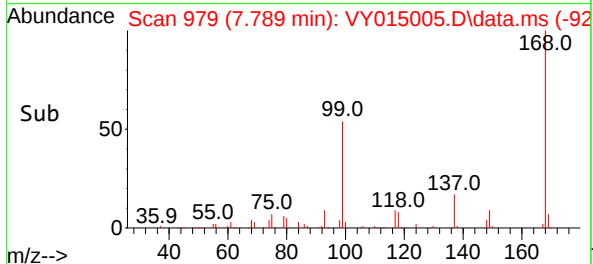
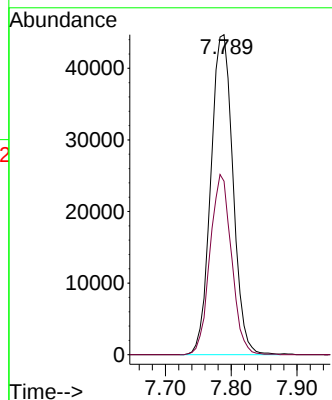
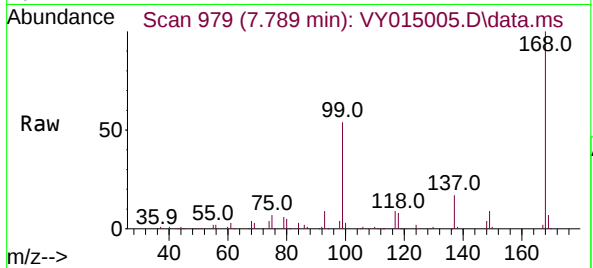




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015005.D
Acq: 09 Aug 2023 15:07

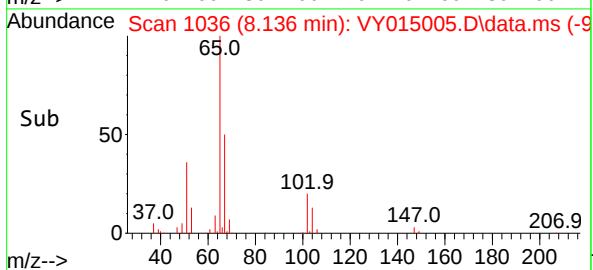
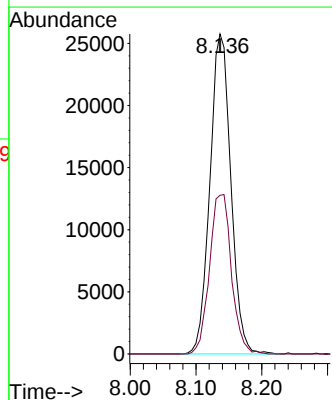
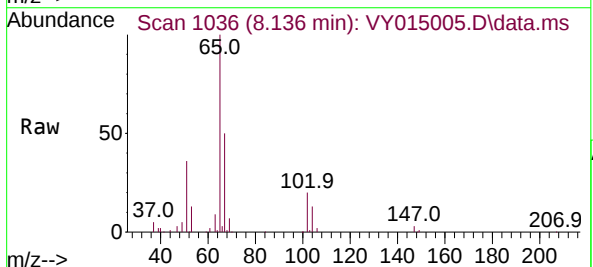
Instrument :
MSVOA_Y
ClientSampleId :
DAYTON-SOIL1

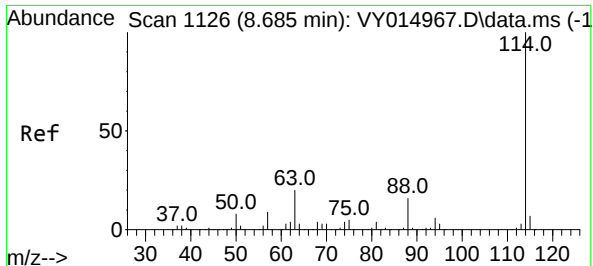
Tgt Ion:168 Resp: 104969
Ion Ratio Lower Upper
168 100
99 54.2 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 44.923 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015005.D
Acq: 09 Aug 2023 15:07

Tgt Ion: 65 Resp: 57153
Ion Ratio Lower Upper
65 100
67 52.1 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: VY015005.D

Acq: 09 Aug 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

DAYTON-SOIL1

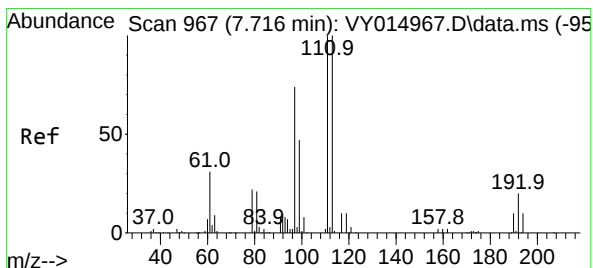
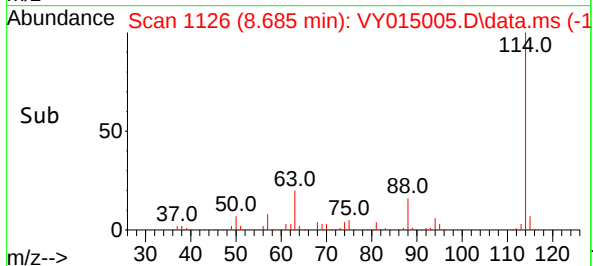
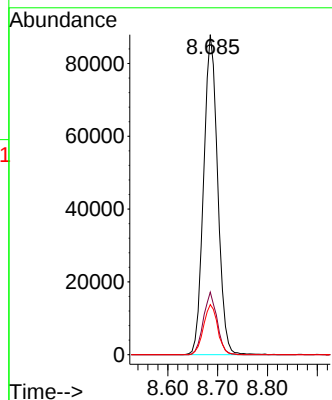
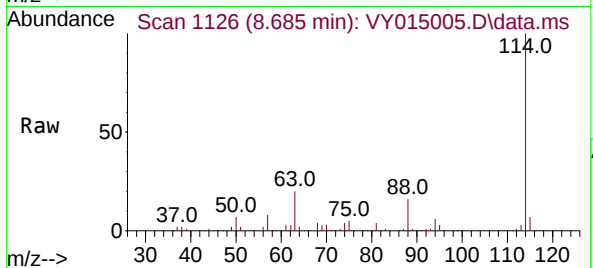
Tgt Ion:114 Resp: 171807

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.235 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY015005.D

Acq: 09 Aug 2023 15:07

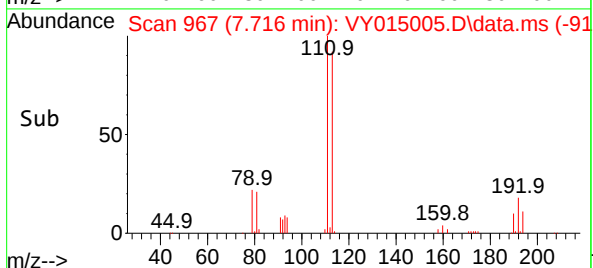
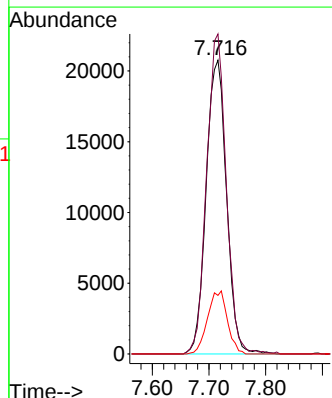
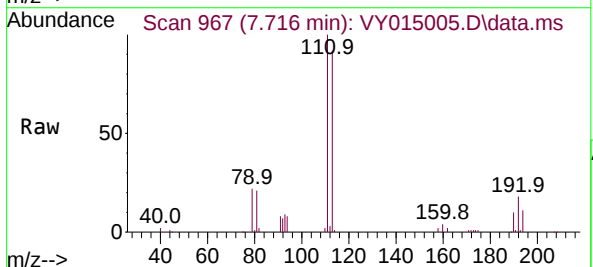
Tgt Ion:113 Resp: 51896

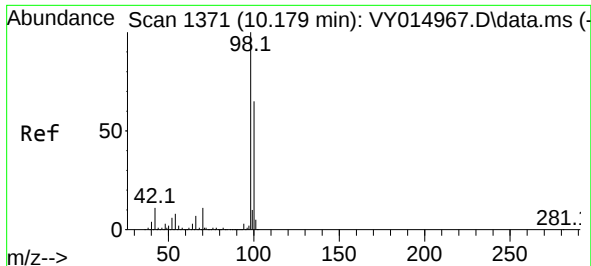
Ion Ratio Lower Upper

113 100

111 104.9 81.3 121.9

192 20.8 16.9 25.3

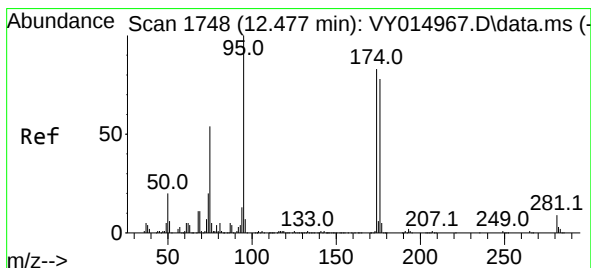
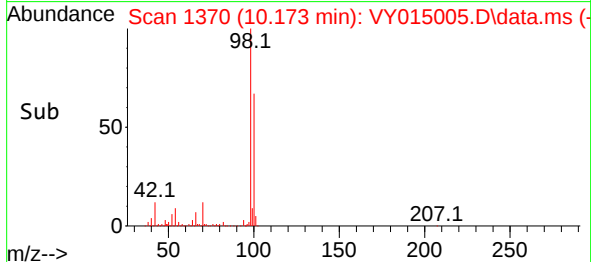
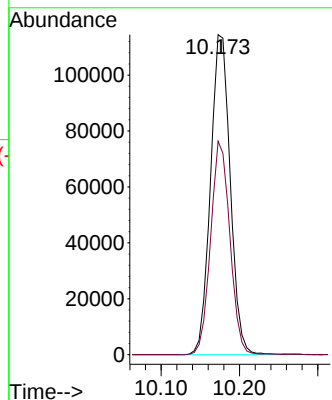
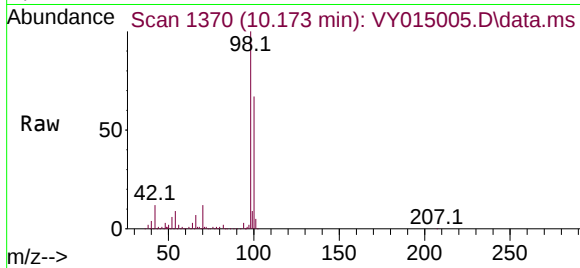




#50
Toluene-d8
Concen: 47.833 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015005.D
Acq: 09 Aug 2023 15:07

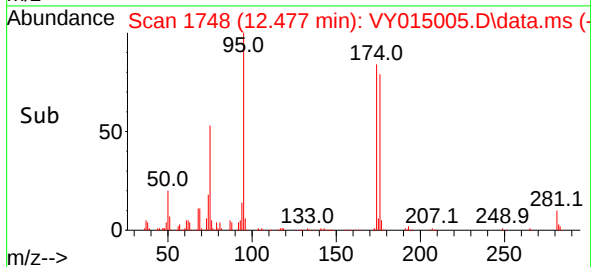
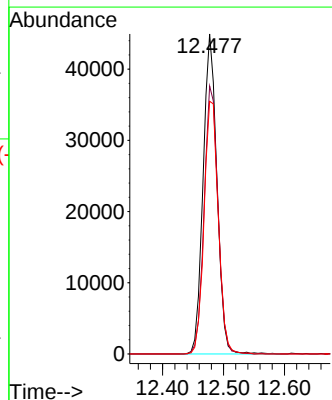
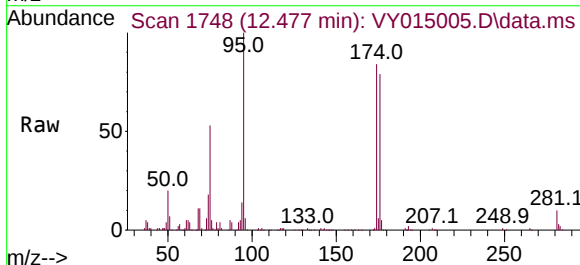
Instrument :
MSVOA_Y
ClientSampleId :
DAYTON-SOIL1

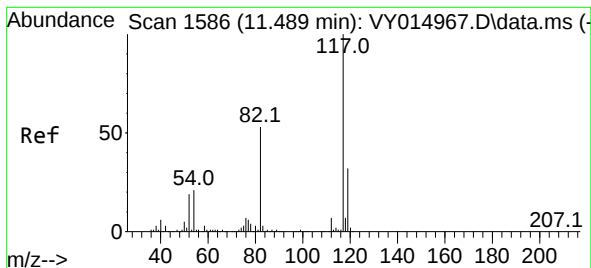
Tgt Ion: 98 Resp: 200026
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.814 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015005.D
Acq: 09 Aug 2023 15:07

Tgt Ion: 95 Resp: 70866
Ion Ratio Lower Upper
95 100
174 84.3 0.0 178.2
176 81.6 0.0 173.8

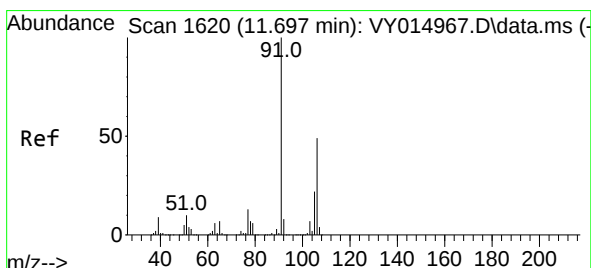
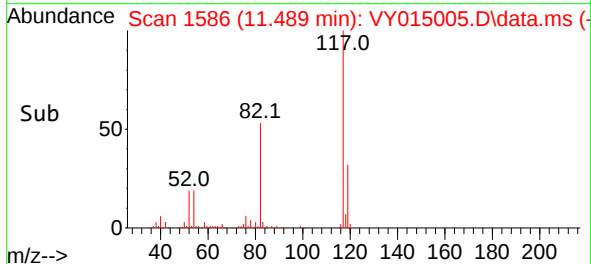
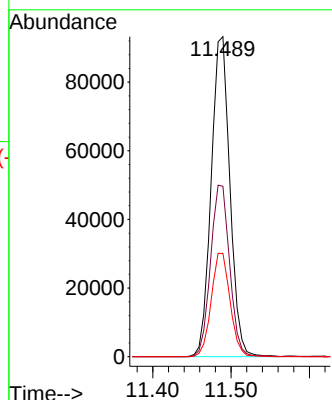
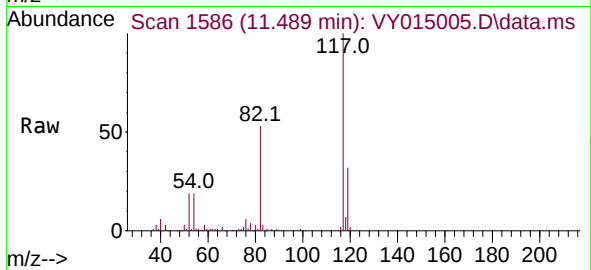




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY015005.D
Acq: 09 Aug 2023 15:07

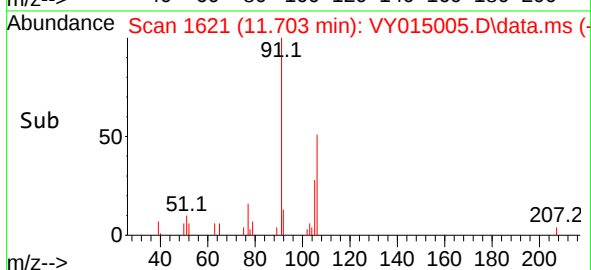
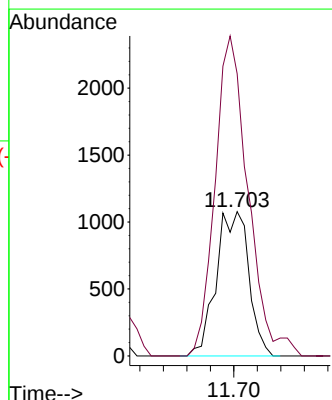
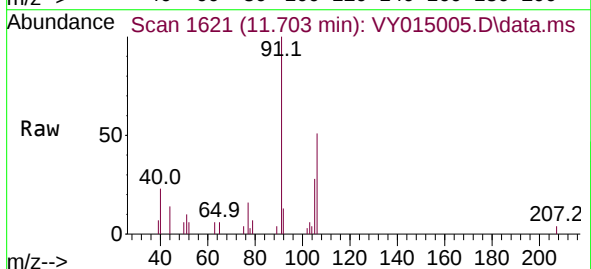
Instrument :
MSVOA_Y
ClientSampleId :
DAYTON-SOIL1

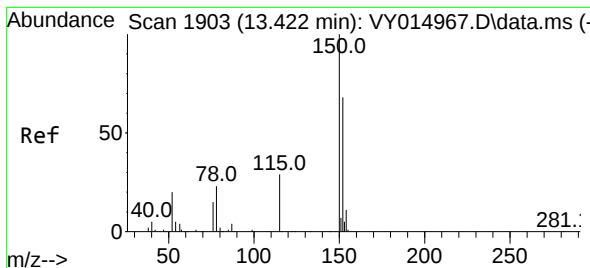
Tgt Ion:117 Resp: 154773
Ion Ratio Lower Upper
117 100
82 53.3 43.4 65.0
119 32.3 26.3 39.5



#68
m/p-Xylenes
Concen: 1.053 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY015005.D
Acq: 09 Aug 2023 15:07

Tgt Ion:106 Resp: 2076
Ion Ratio Lower Upper
106 100
91 224.6 166.1 249.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY015005.D

Acq: 09 Aug 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

DAYTON-SOIL1

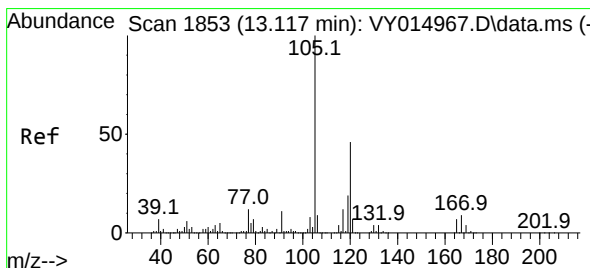
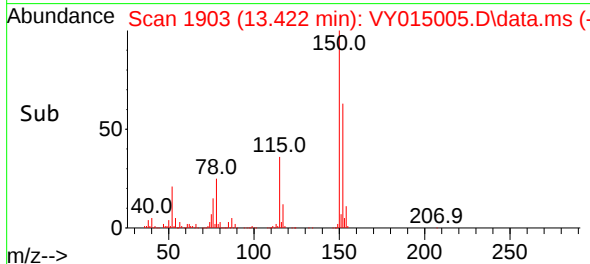
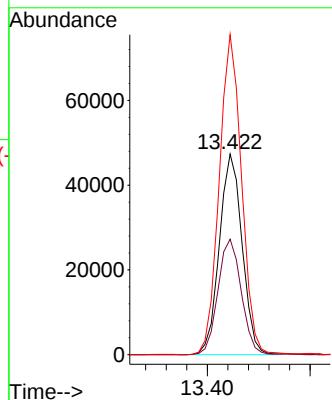
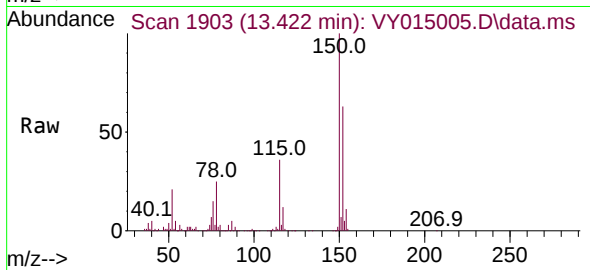
Tgt Ion:152 Resp: 72786

Ion Ratio Lower Upper

152 100

115 58.7 28.8 86.5

150 156.5 0.0 348.8



#84

1,2,4-Trimethylbenzene

Concen: 1.299 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015005.D

Acq: 09 Aug 2023 15:07

Tgt Ion:105 Resp: 5247

Ion Ratio Lower Upper

105 100

120 46.7 22.2 66.6

