

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)

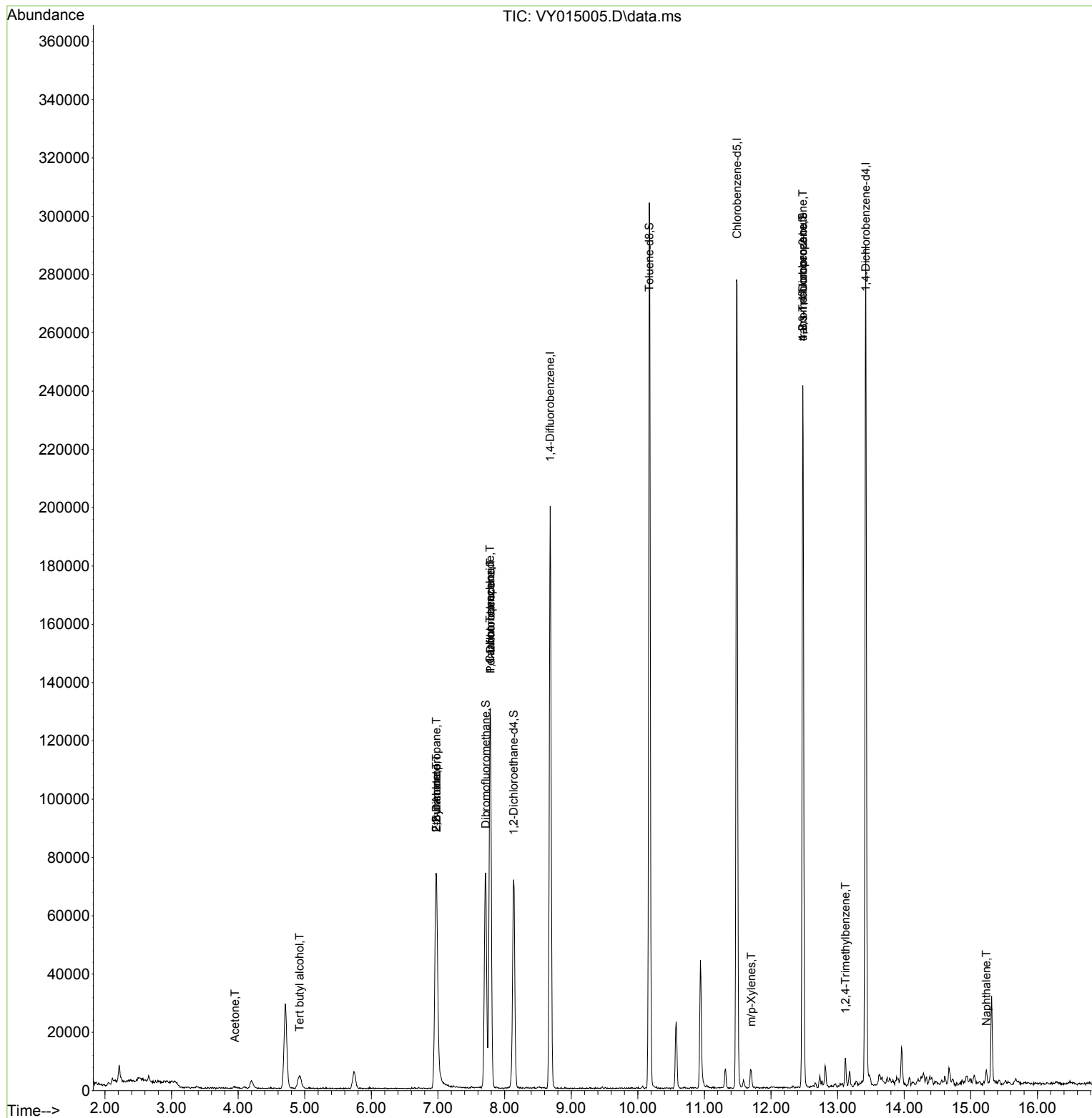
Internal Standards						
1) Pentafluorobenzene	7.789	168	104969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	171807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	154773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	72786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
2) Dichlorodifluoromethane	1.900	85	84	Below Cal	#	43
5) Bromomethane	2.668	94	909	Below Cal	#	47
11) Tert butyl alcohol	4.924	59	4922	16.030	ug/l #	89
16) Acetone	3.954	43	965	2.432	ug/l #	46
20) Methylene Chloride	4.710	84	21343	Below Cal		90
25) 2-Butanone	6.978	43	3955	6.960	ug/l #	80
26) 2,2-Dichloropropane	6.978	77	5992	3.244	ug/l #	54
31) Cyclohexane	7.783	56	2162	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	7727	5.665	ug/l #	50
37) Ethyl Acetate	6.978	43	3955	3.653	ug/l #	1
38) Carbon Tetrachloride	7.783	117	10303	6.719	ug/l #	15
68) m/p-Xylenes	11.703	106	2076	1.053	ug/l	89
76) 1,2,3-Trichloropropane	12.477	75	37412	42.896	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	37412	94.502	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.117	105	5247	1.299	ug/l	96
95) Naphthalene	15.233	128	4376	1.356	ug/l	98

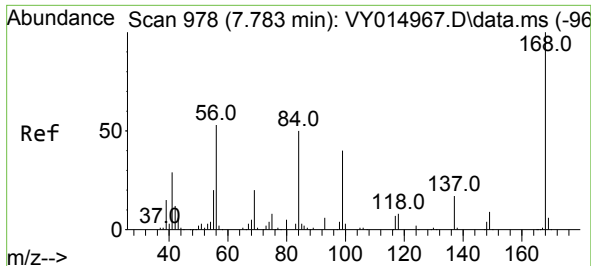
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
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DAYTON-SOIL1

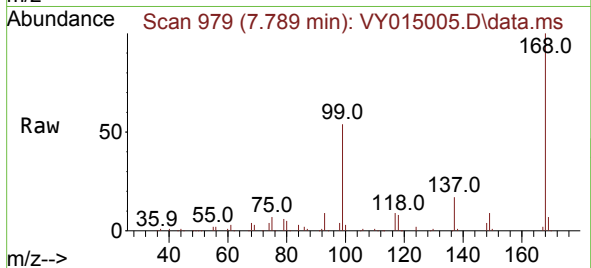
Quant Time: Aug 10 01:45:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 08 07:44:56 2023
Response via : Initial Calibration



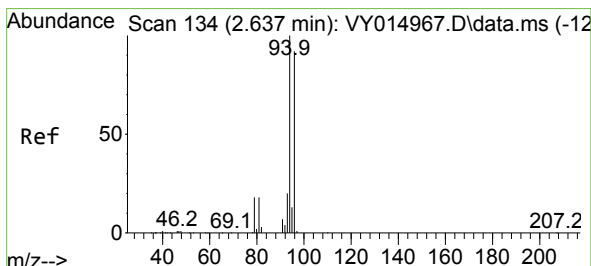
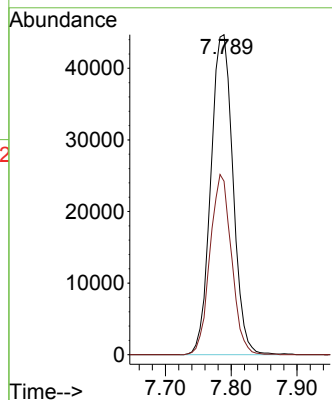
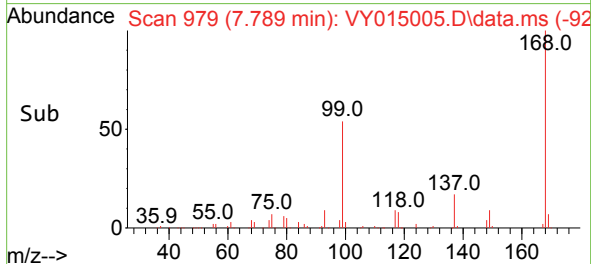


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015005.D
Acq: 09 Aug 2023 15:07

Instrument :
MSVOA_Y
ClientSampleId :
DAYTON-SOIL1

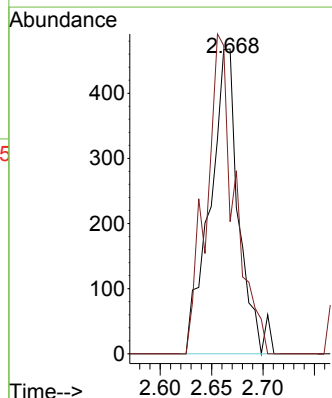
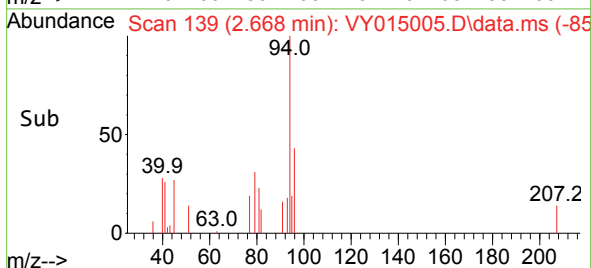
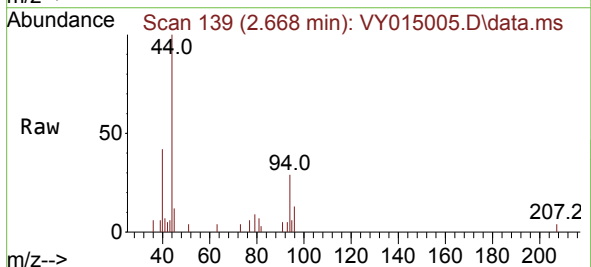


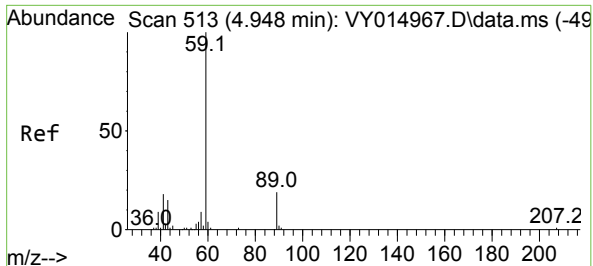
Tgt Ion:168 Resp: 104969
Ion Ratio Lower Upper
168 100
99 54.2 43.4 65.0



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.031 min
Lab File: VY015005.D
Acq: 09 Aug 2023 15:07

Tgt Ion: 94 Resp: 909
Ion Ratio Lower Upper
94 100
96 43.4 75.8 113.6#

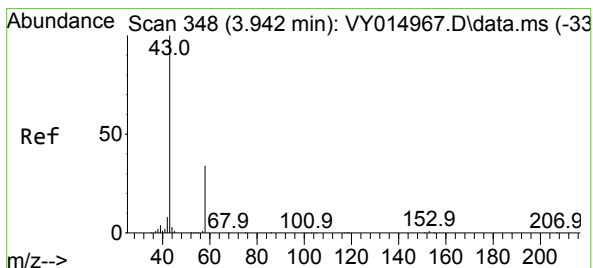
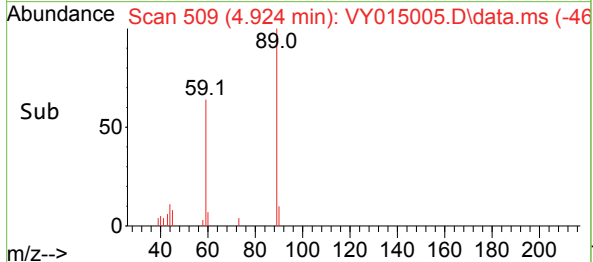
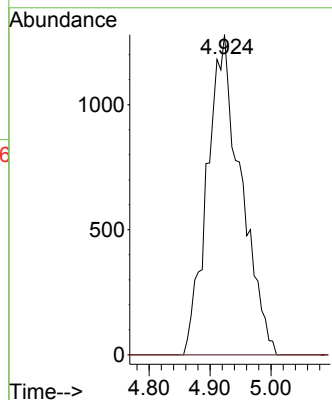
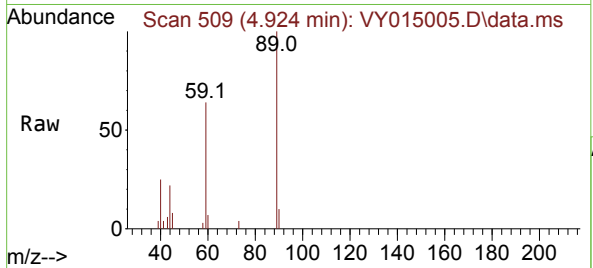




#11
Tert butyl alcohol
Concen: 16.030 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY015005.D
Acq: 09 Aug 2023 15:07

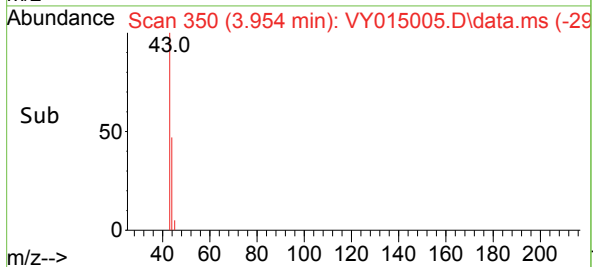
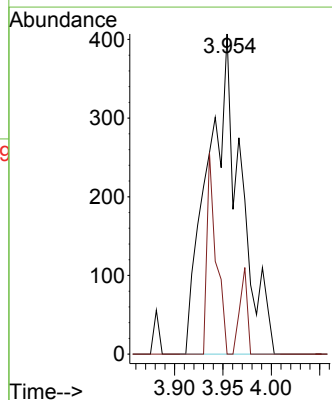
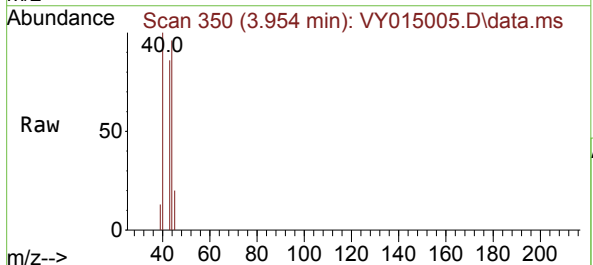
Instrument :
MSVOA_Y
ClientSampleId :
DAYTON-SOIL1

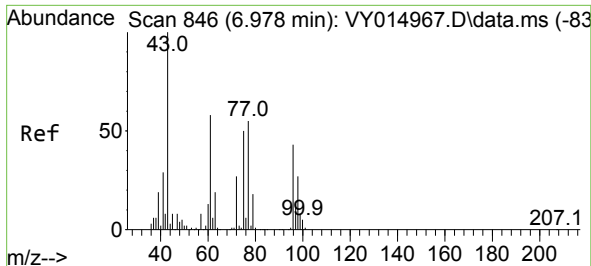
Tgt Ion: 59 Resp: 4922
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#16
Acetone
Concen: 2.432 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015005.D
Acq: 09 Aug 2023 15:07

Tgt Ion: 43 Resp: 965
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#

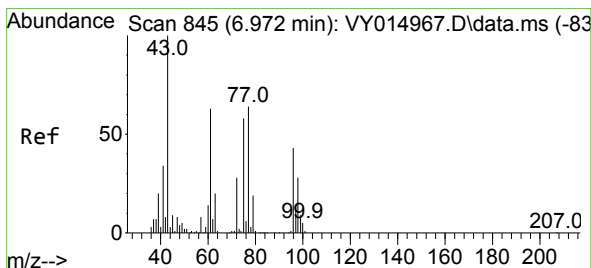
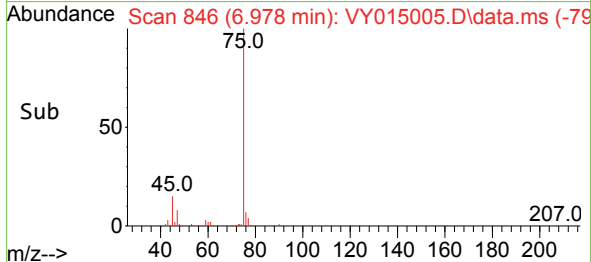
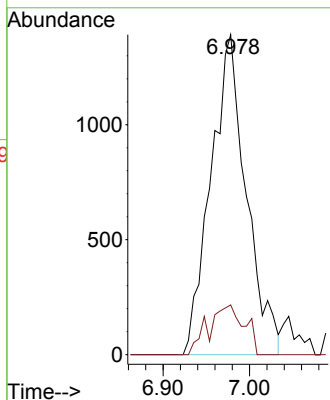
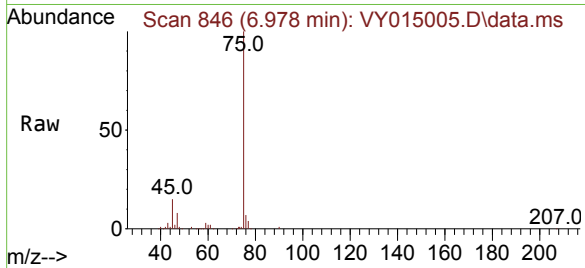




#25
2-Butanone
Concen: 6.960 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY015005.D
Acq: 09 Aug 2023 15:07

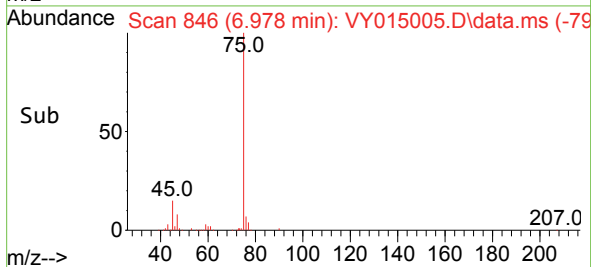
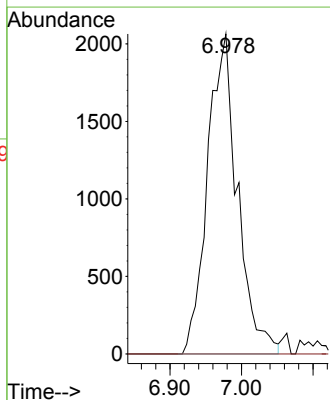
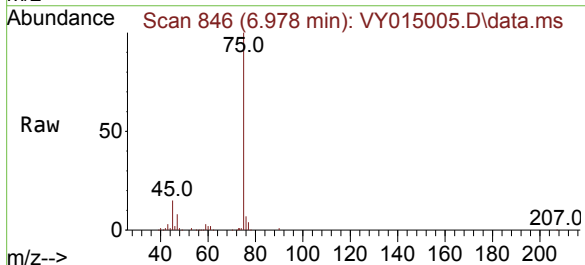
Instrument :
MSVOA_Y
ClientSampleId :
DAYTON-SOIL1

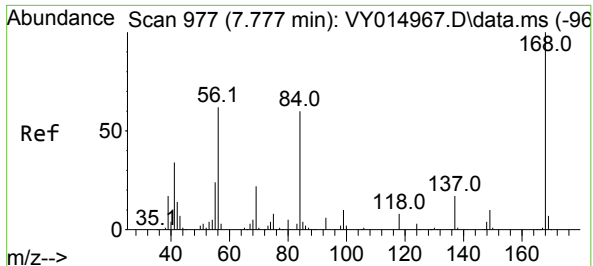
Tgt Ion: 43 Resp: 3955
Ion Ratio Lower Upper
43 100
72 15.5 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 3.244 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015005.D
Acq: 09 Aug 2023 15:07

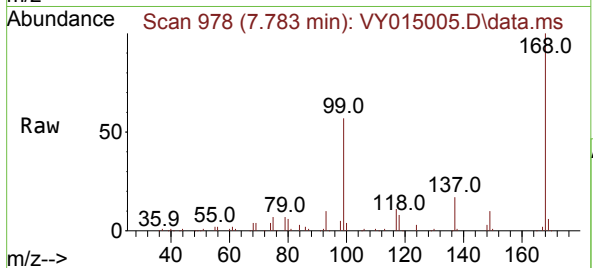
Tgt Ion: 77 Resp: 5992
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



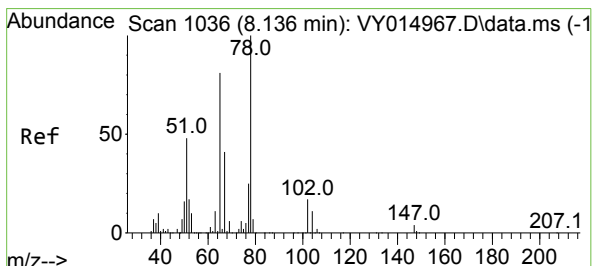
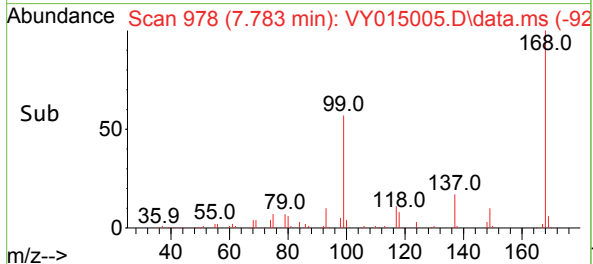
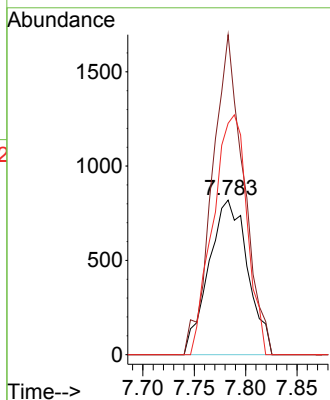


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015005.D
Acq: 09 Aug 2023 15:07

Instrument :
MSVOA_Y
ClientSampleId :
DAYTON-SOIL1

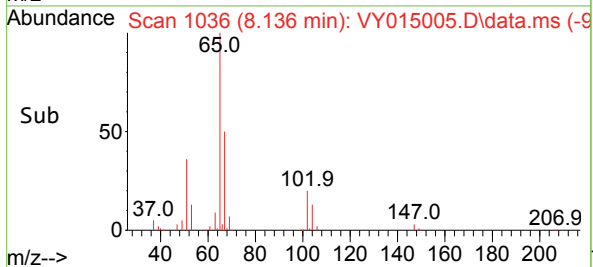
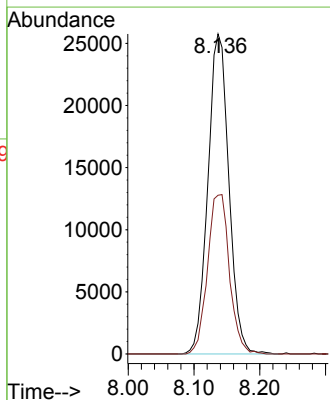
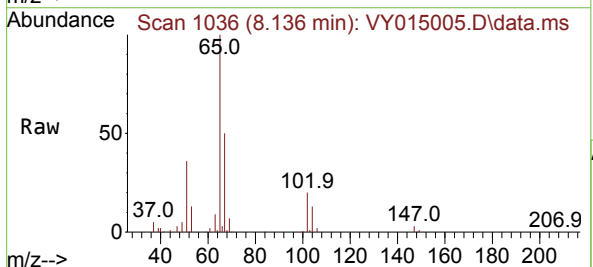


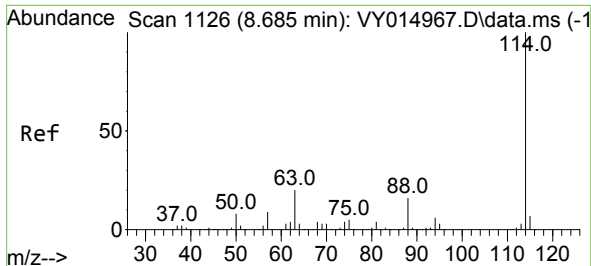
Tgt Ion: 56 Resp: 2162
Ion Ratio Lower Upper
56 100
69 207.0 27.8 41.6#
84 149.6 66.4 99.6#



#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

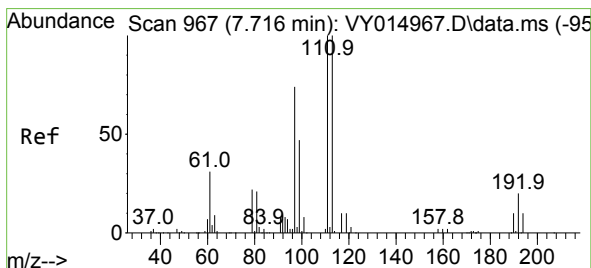
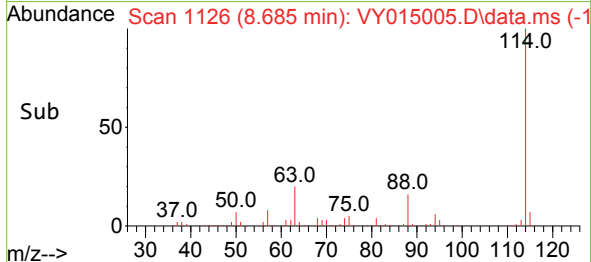
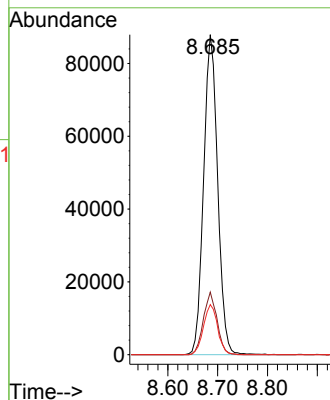
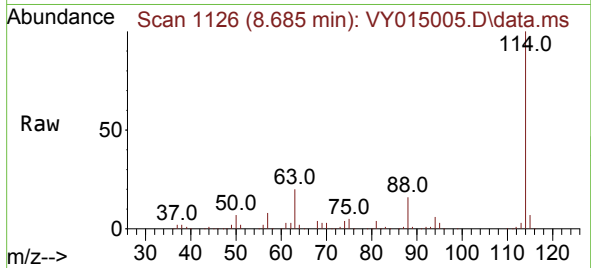




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015005.D
Acq: 09 Aug 2023 15:07

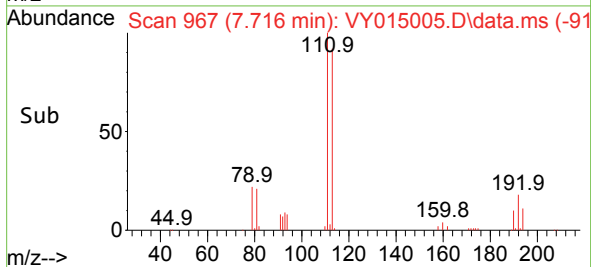
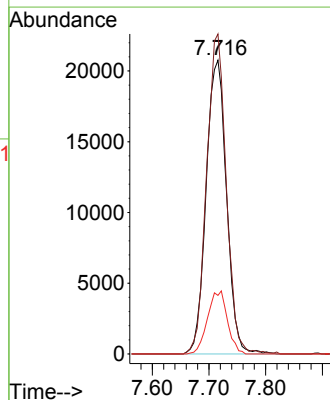
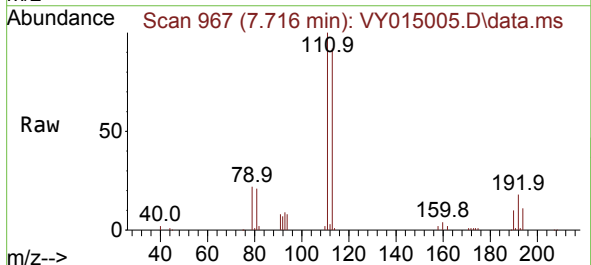
Instrument :
MSVOA_Y
ClientSampleId :
DAYTON-SOIL1

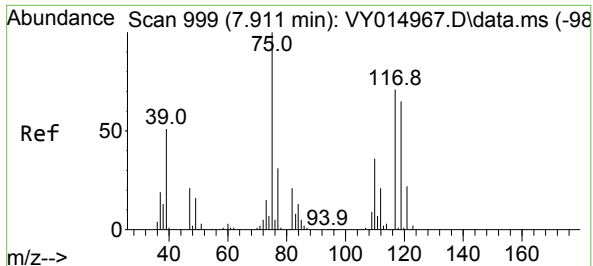
Tgt Ion:114 Resp: 171807
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.4
88 15.6 0.0 30.6



#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

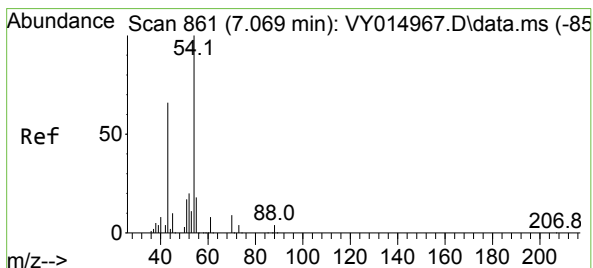
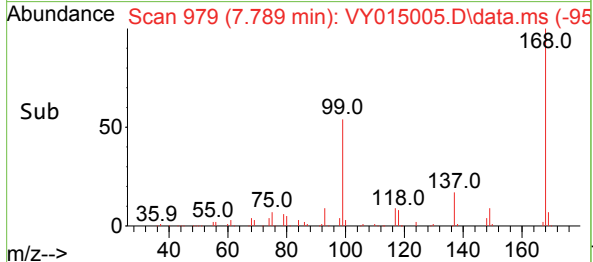
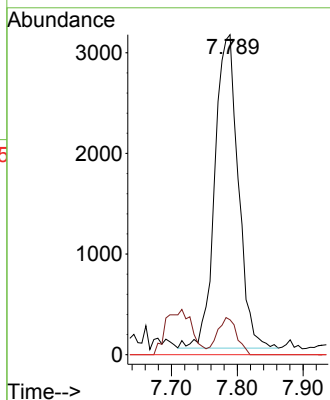
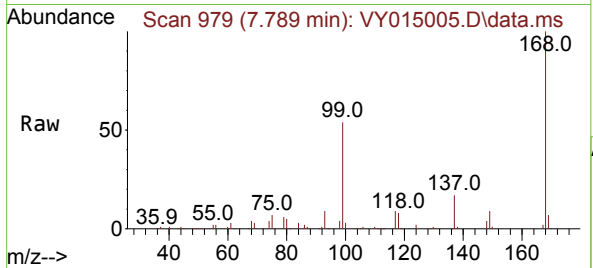




#36
1,1-Dichloropropene
Concen: 5.665 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY015005.D
Acq: 09 Aug 2023 15:07

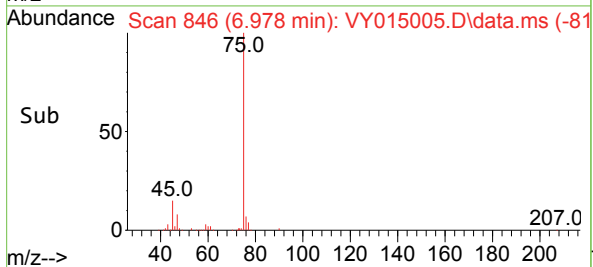
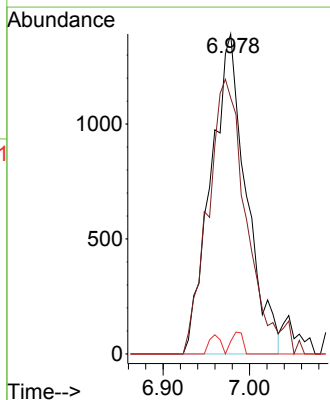
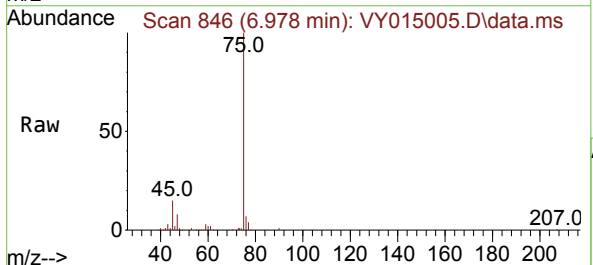
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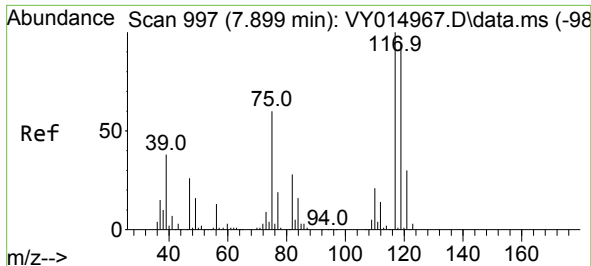
Tgt Ion: 75 Resp: 7727
Ion Ratio Lower Upper
75 100
110 9.9 17.8 53.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 3.653 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.091 min
Lab File: VY015005.D
Acq: 09 Aug 2023 15:07

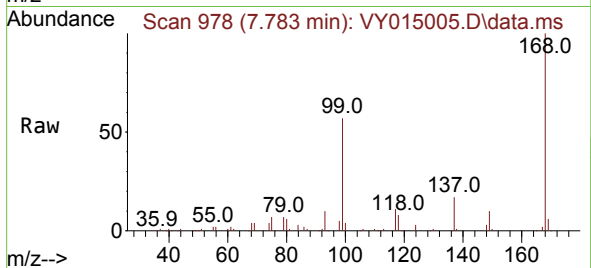
Tgt Ion: 43 Resp: 3955
Ion Ratio Lower Upper
43 100
61 93.9 10.1 15.1#
70 2.2 7.1 10.7#



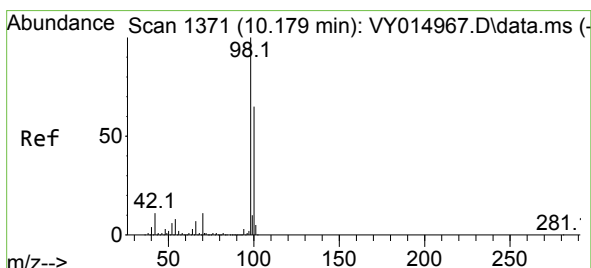
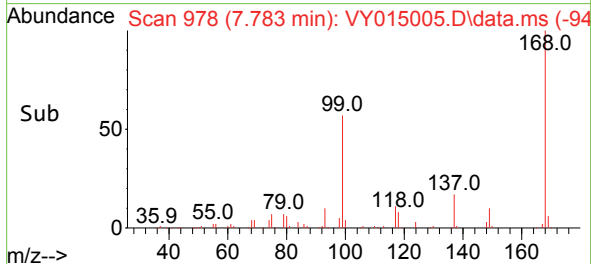
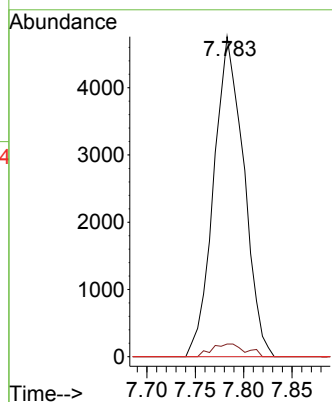


#38
Carbon Tetrachloride
Concen: 6.719 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY015005.D
Acq: 09 Aug 2023 15:07

Instrument :
MSVOA_Y
ClientSampleId :
DAYTON-SOIL1

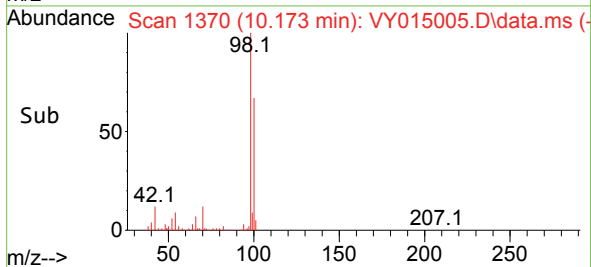
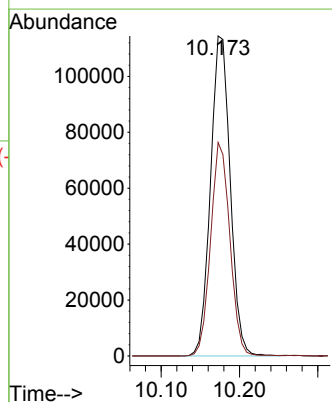
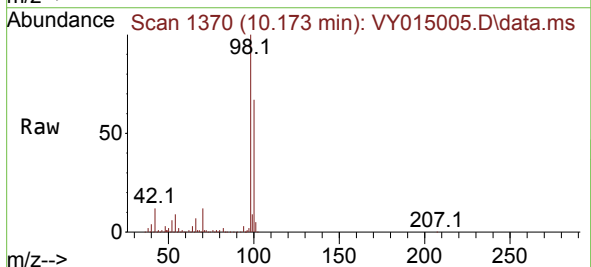


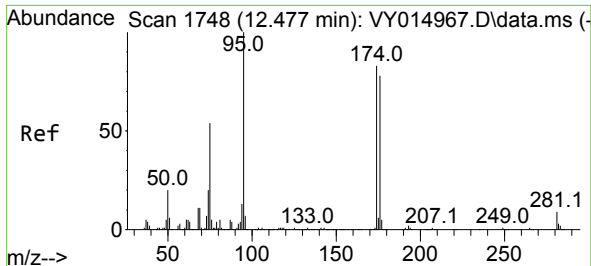
Tgt Ion:117 Resp: 10303
Ion Ratio Lower Upper
117 100
119 3.9 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 47.833 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY015005.D
Acq: 09 Aug 2023 15:07

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

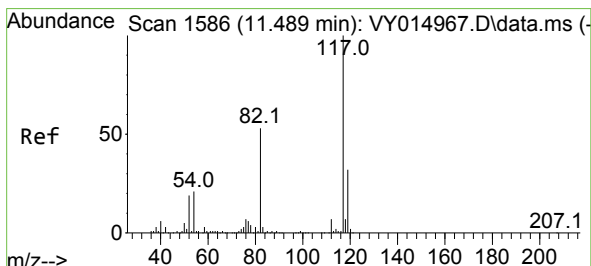
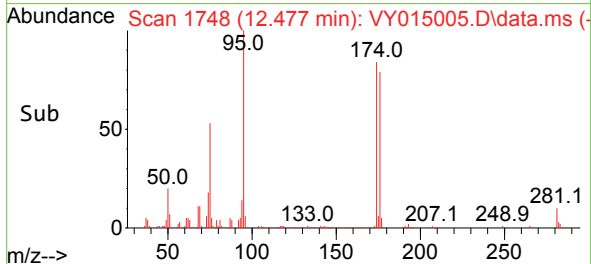
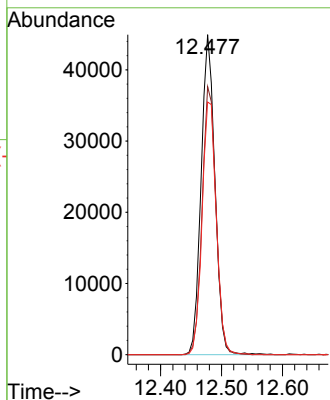
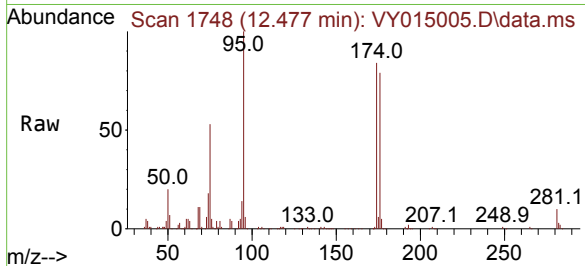




#62
4-Bromofluorobenzene
Concen: 47.814 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015005.D
Acq: 09 Aug 2023 15:07

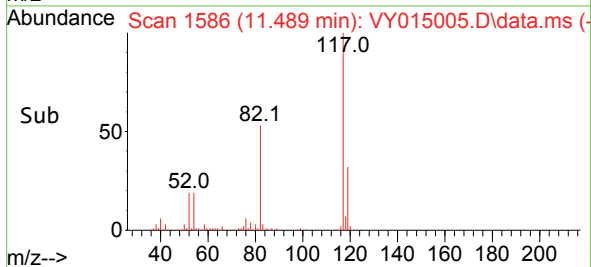
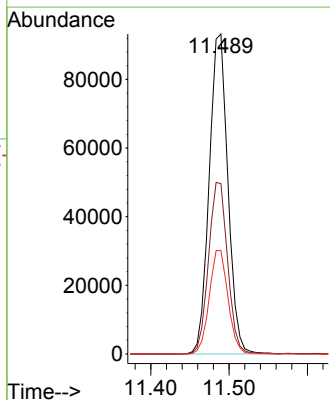
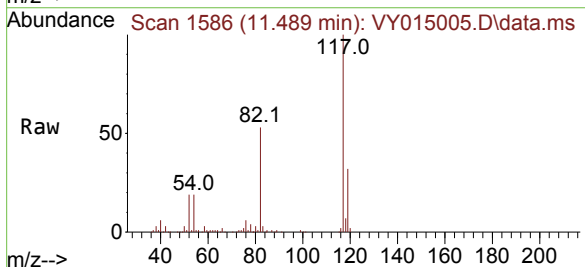
Instrument :
MSVOA_Y
ClientSampleId :
DAYTON-SOIL1

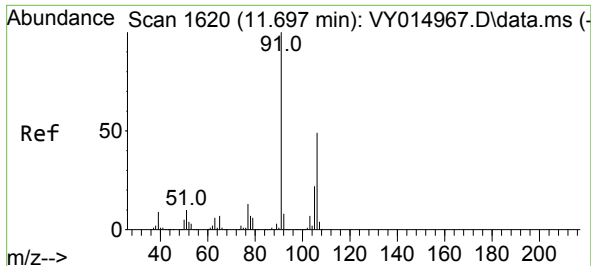
Tgt Ion: 95 Resp: 70866
Ion Ratio Lower Upper
95 100
174 84.3 0.0 178.2
176 81.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015005.D
Acq: 09 Aug 2023 15:07

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

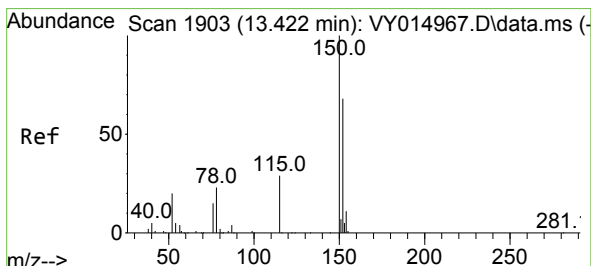
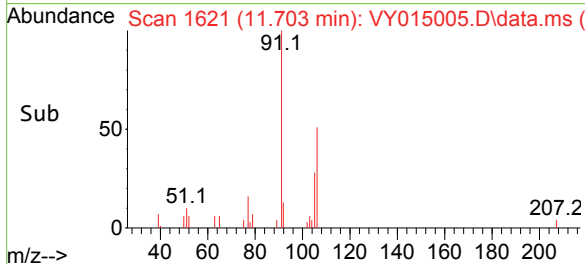
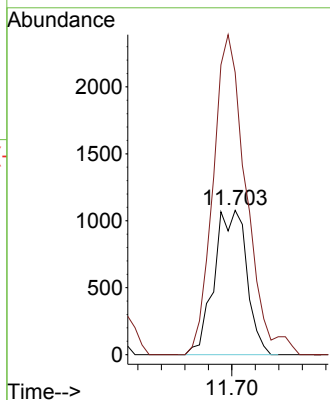
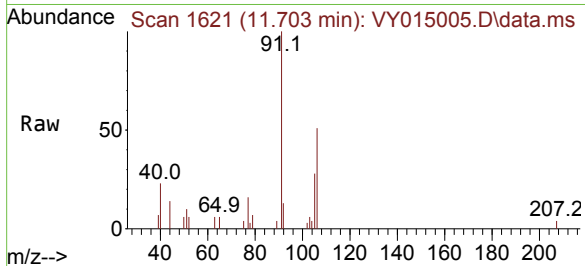




#68
m/p-Xylenes
Concen: 1.053 ug/l
RT: 11.703 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY015005.D
Acq: 09 Aug 2023 15:07

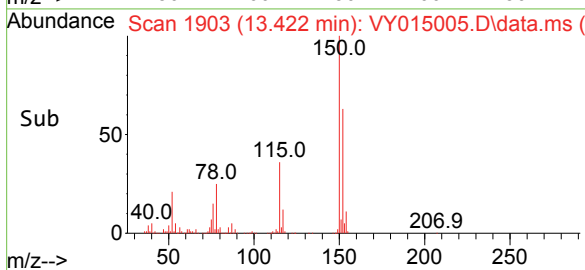
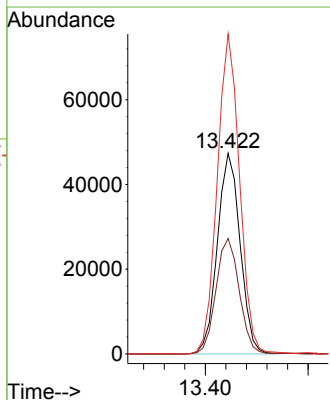
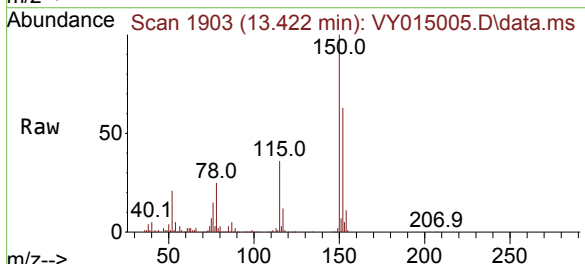
Instrument :
MSVOA_Y
ClientSampleId :
DAYTON-SOIL1

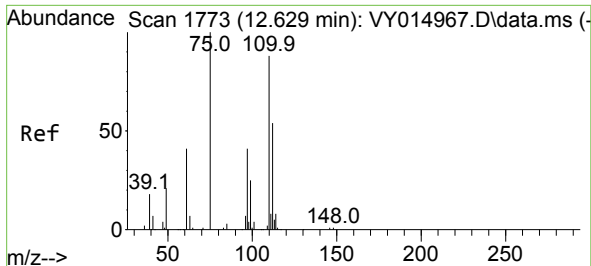
Tgt Ion:106 Resp: 2076
Ion Ratio Lower Upper
106 100
91 224.6 166.1 249.1



#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

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

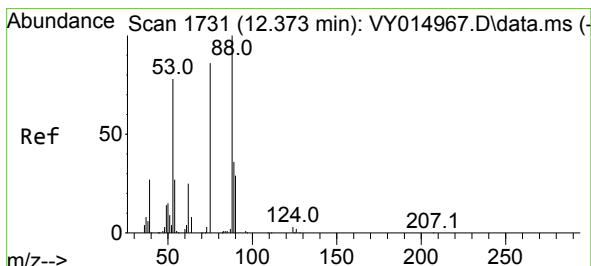
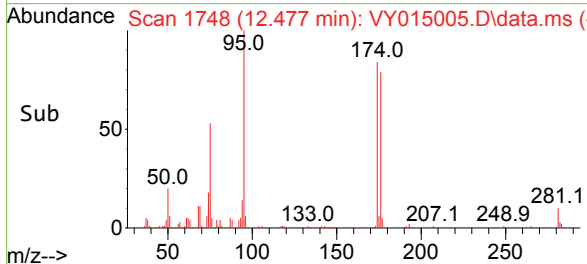
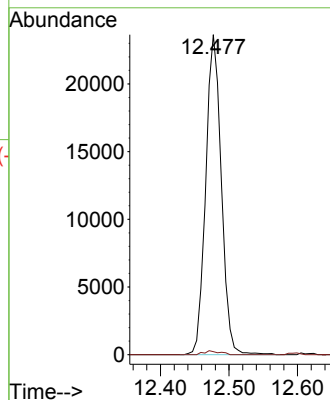
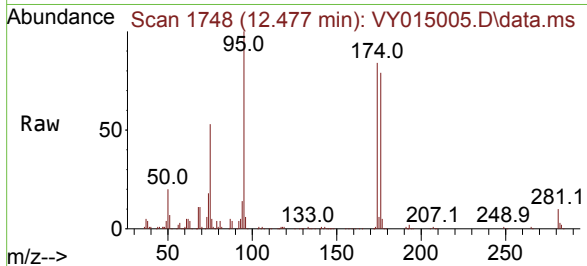




#76
1,2,3-Trichloropropane
Concen: 42.896 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.152 min
Lab File: VY015005.D
Acq: 09 Aug 2023 15:07

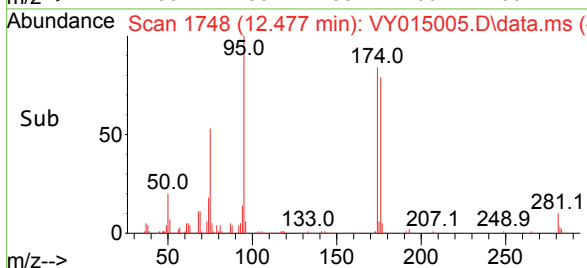
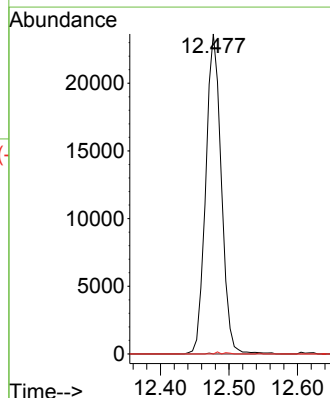
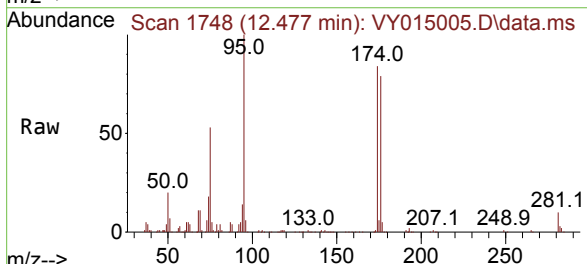
Instrument :
MSVOA_Y
ClientSampleId :
DAYTON-SOIL1

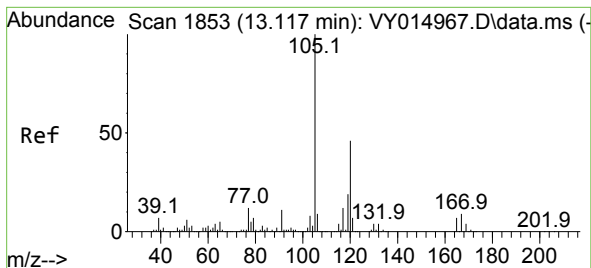
Tgt Ion: 75 Resp: 37412
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.502 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY015005.D
Acq: 09 Aug 2023 15:07

Tgt Ion: 75 Resp: 37412
Ion Ratio Lower Upper
75 100
53 0.1 77.8 116.8#
89 0.3 37.4 56.0#





#84

1,2,4-Trimethylbenzene

Concen: 1.299 ug/l

RT: 13.117 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015005.D

Acq: 09 Aug 2023 15:07

Instrument :

MSVOA_Y

ClientSampleId :

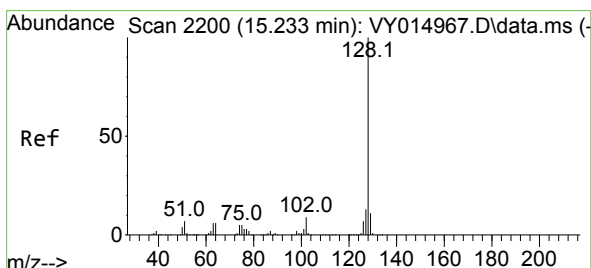
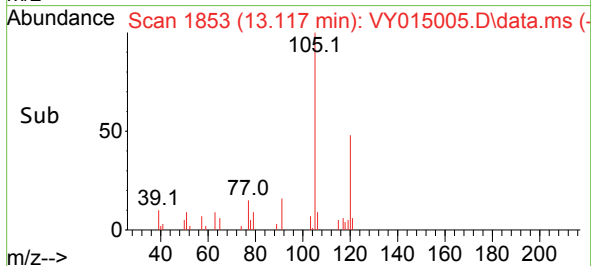
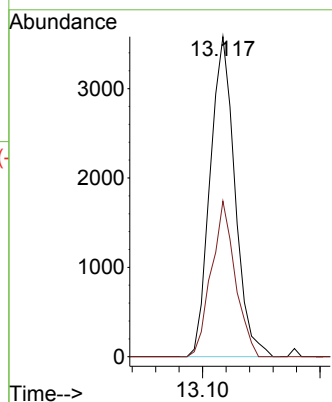
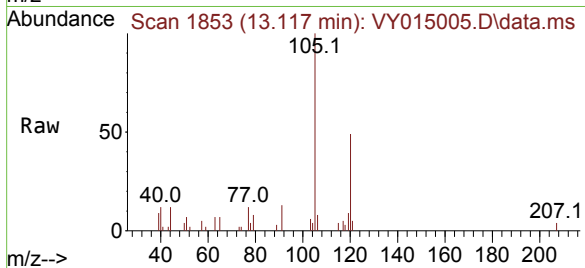
DAYTON-SOIL1

Tgt Ion:105 Resp: 5247

Ion Ratio Lower Upper

105 100

120 46.7 22.2 66.6



#95

Naphthalene

Concen: 1.356 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY015005.D

Acq: 09 Aug 2023 15:07

Tgt Ion:128 Resp: 4376

Ion Ratio Lower Upper

128 100

127 13.2 10.8 16.2

129 9.1 8.6 13.0

