

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
 Data File : VY015006.D
 Acq On : 09 Aug 2023 15:31
 Operator : SY/MD
 Sample : 03931-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DAYTON-SOIL2

Quant Time: Aug 10 01:46:05 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)

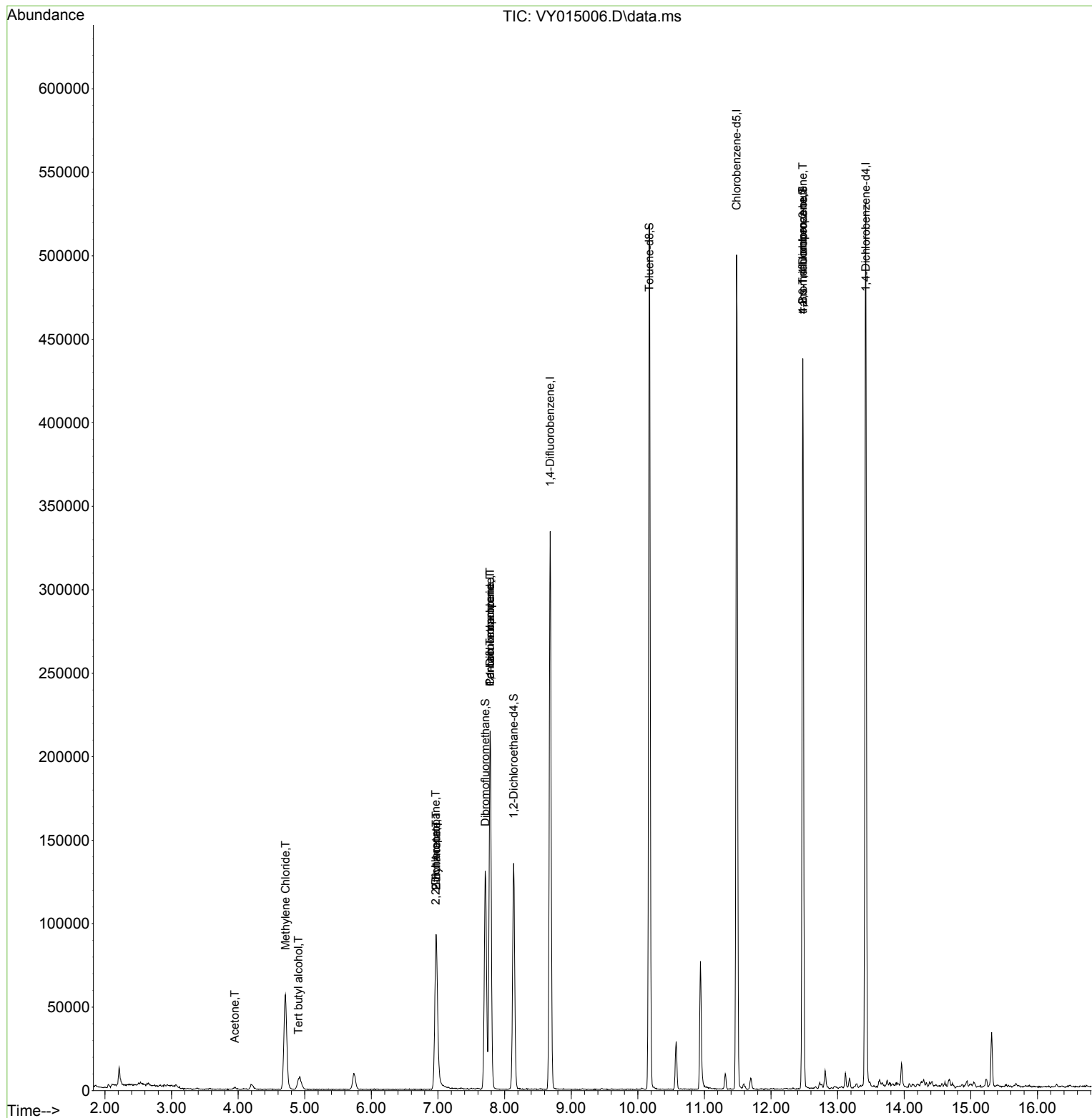
Internal Standards						
1) Pentafluorobenzene	7.783	168	168819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	285295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	275039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	137668	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	105335	51.480	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.960%			
35) Dibromofluoromethane	7.710	113	90593	49.656	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.320%			
50) Toluene-d8	10.173	98	339178	48.844	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.680%			
62) 4-Bromofluorobenzene	12.477	95	128461	52.196	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.400%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.650	94	581	Below Cal	#	45
11) Tert butyl alcohol	4.905	59	3719	7.531	ug/l #	89
16) Acetone	3.948	43	2134	3.345	ug/l #	80
20) Methylene Chloride	4.710	84	43729	5.016	ug/l	86
25) 2-Butanone	6.972	43	4737	5.183	ug/l #	72
26) 2,2-Dichloropropane	6.966	77	7250	2.441	ug/l #	54
31) Cyclohexane	7.777	56	3540	Below Cal	#	1
36) 1,1-Dichloropropene	7.783	75	12950	5.717	ug/l #	50
37) Ethyl Acetate	6.972	43	4737	2.635	ug/l #	1
38) Carbon Tetrachloride	7.783	117	16991	6.673	ug/l #	14
76) 1,2,3-Trichloropropane	12.477	75	67325	40.813	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	67325	89.913	ug/l #	10

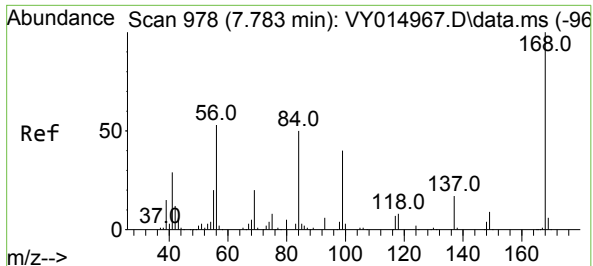
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
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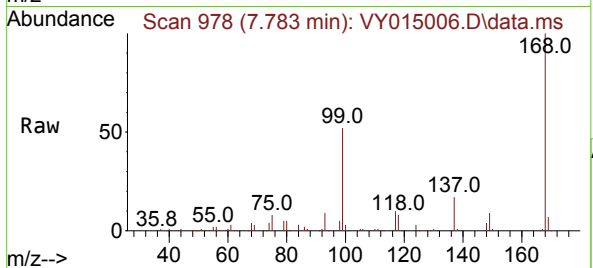
Quant Time: Aug 10 01:46:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 08 07:44:56 2023
Response via : Initial Calibration



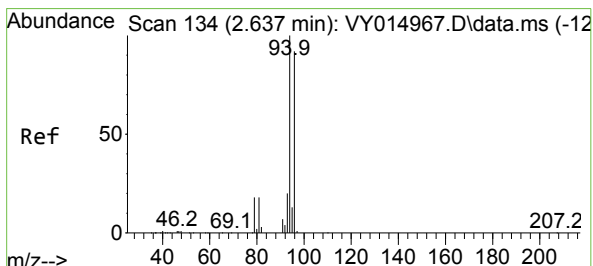
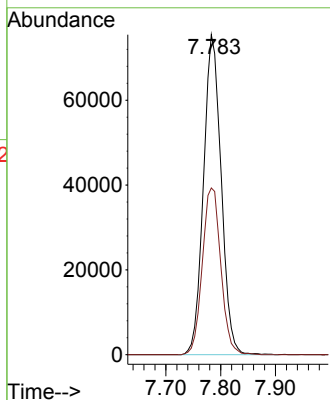
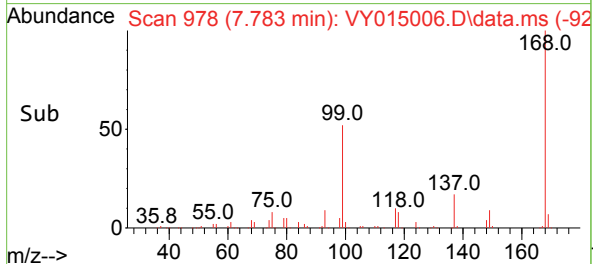


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015006.D
Acq: 09 Aug 2023 15:31

Instrument :
MSVOA_Y
ClientSampleId :
DAYTON-SOIL2

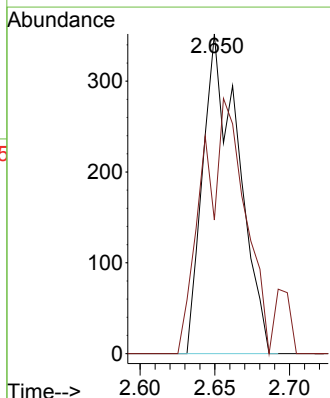
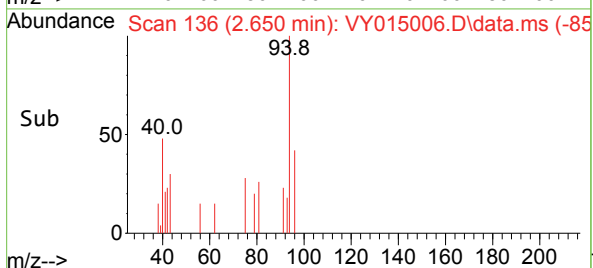
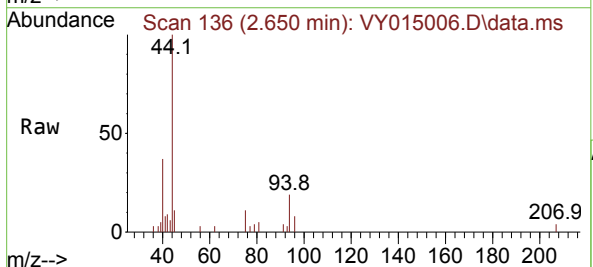


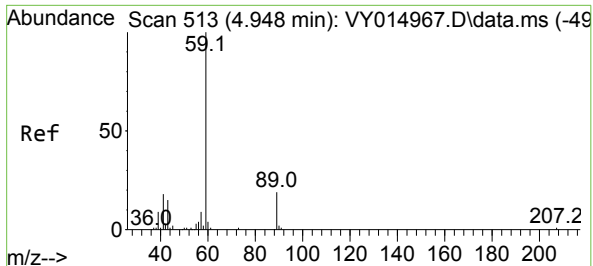
Tgt Ion:168 Resp: 168819
Ion Ratio Lower Upper
168 100
99 52.1 43.4 65.0



#5
Bromomethane
Concen: Below Cal
RT: 2.650 min Scan# 136
Delta R.T. 0.013 min
Lab File: VY015006.D
Acq: 09 Aug 2023 15:31

Tgt Ion: 94 Resp: 581
Ion Ratio Lower Upper
94 100
96 41.8 75.8 113.6#





#11

Tert butyl alcohol

Concen: 7.531 ug/l

RT: 4.905 min Scan# 506

Delta R.T. -0.043 min

Lab File: VY015006.D

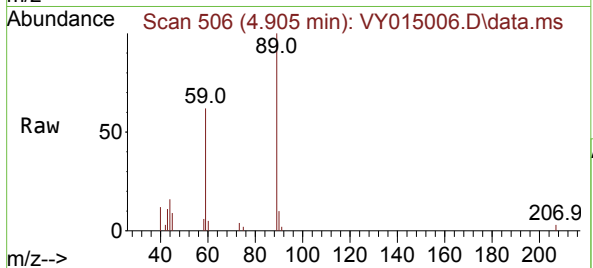
Acq: 09 Aug 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

DAYTON-SOIL2

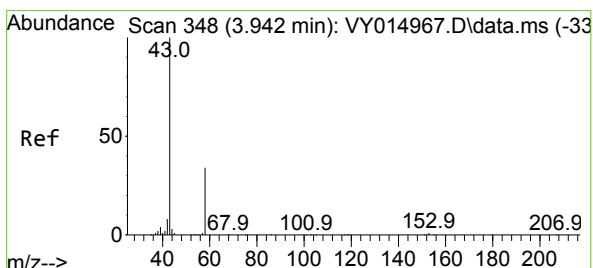
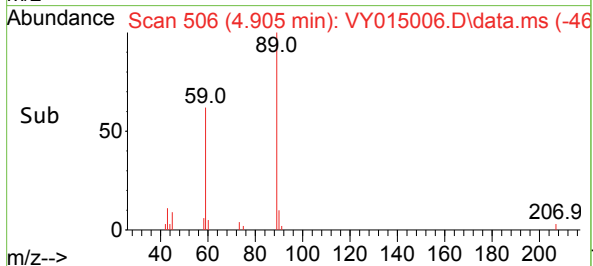
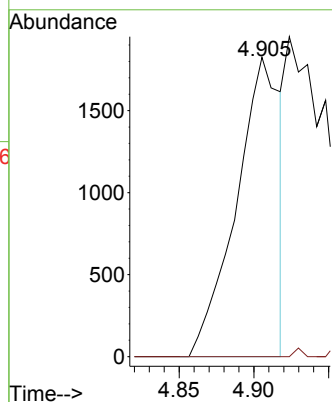


Tgt Ion: 59 Resp: 3719

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#



#16

Acetone

Concen: 3.345 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY015006.D

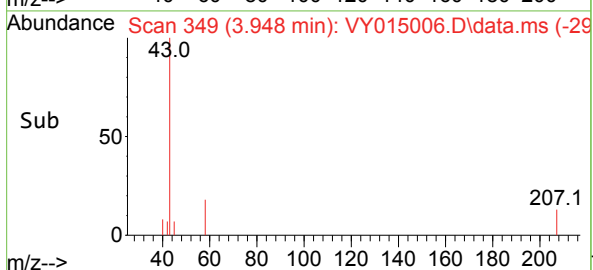
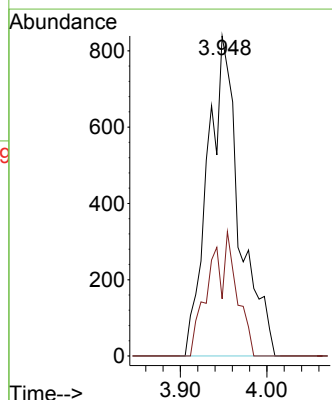
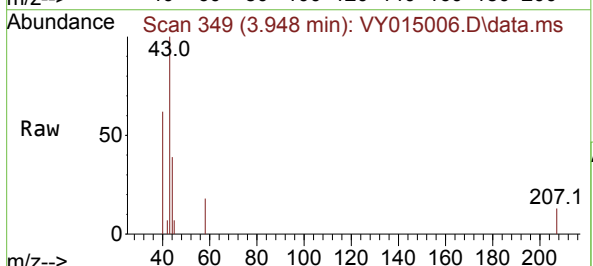
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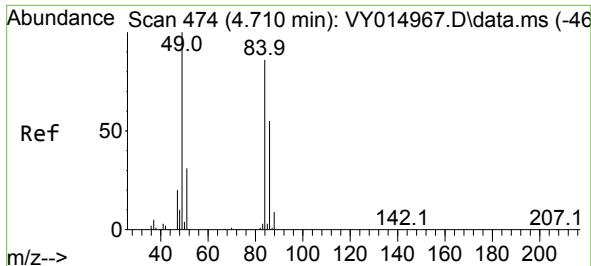
Tgt Ion: 43 Resp: 2134

Ion Ratio Lower Upper

43 100

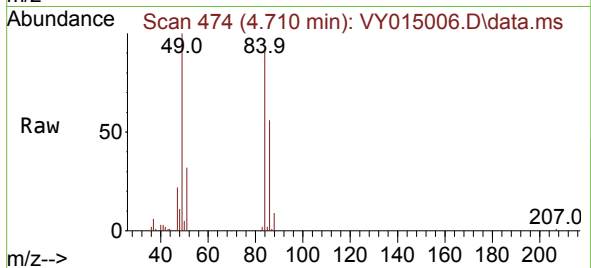
58 17.9 22.7 34.1#



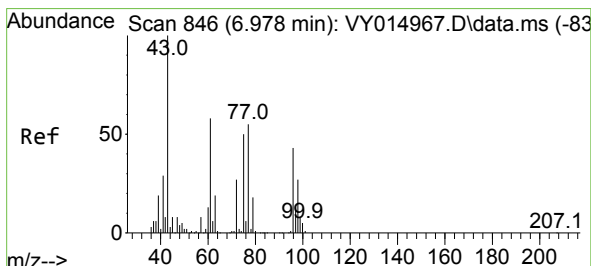
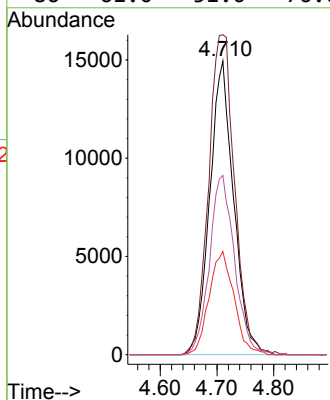
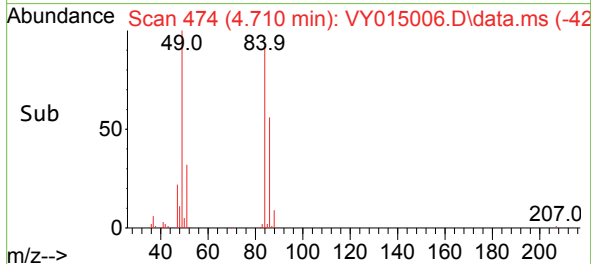


#20
Methylene Chloride
Concen: 5.016 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015006.D
Acq: 09 Aug 2023 15:31

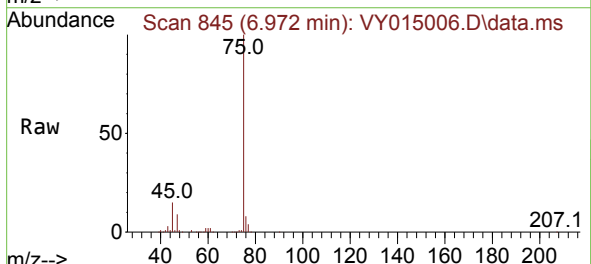
Instrument :
MSVOA_Y
ClientSampleId :
DAYTON-SOIL2



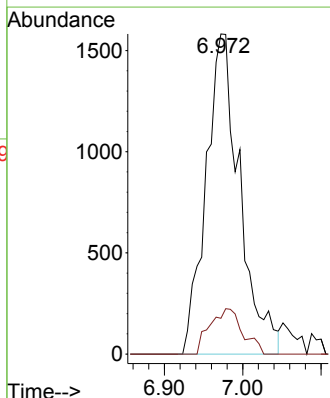
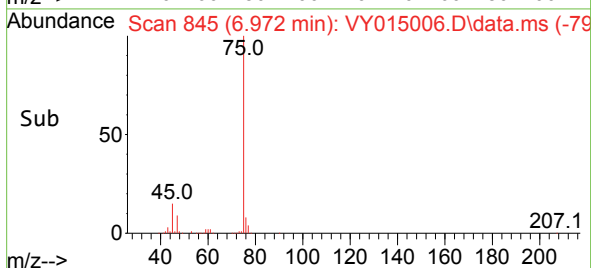
Tgt Ion: 84 Resp: 43729
Ion Ratio Lower Upper
84 100
49 109.0 106.9 160.3
51 35.1 33.2 49.8
86 61.0 51.0 76.6

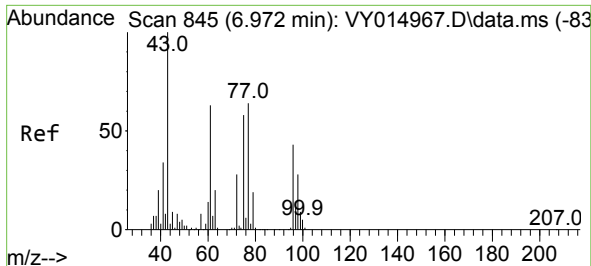


#25
2-Butanone
Concen: 5.183 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY015006.D
Acq: 09 Aug 2023 15:31



Tgt Ion: 43 Resp: 4737
Ion Ratio Lower Upper
43 100
72 11.2 20.5 30.7#

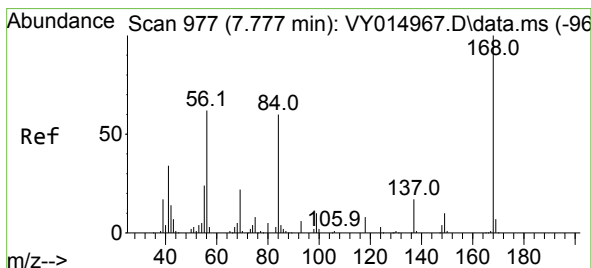
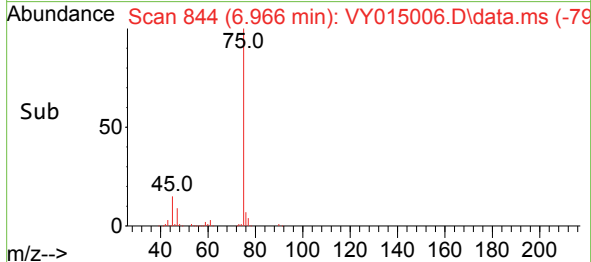
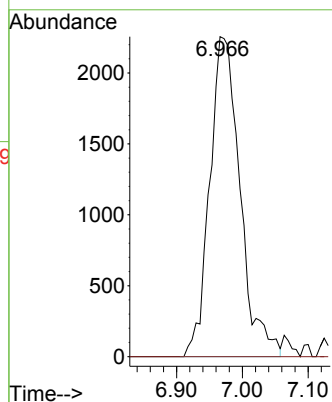
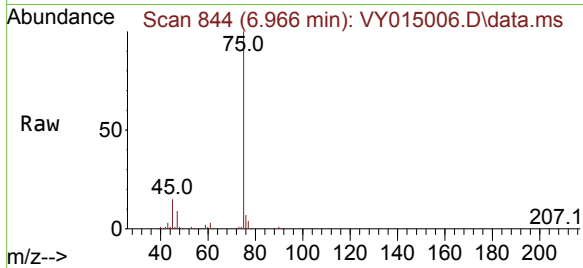




#26
2,2-Dichloropropane
Concen: 2.441 ug/l
RT: 6.966 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY015006.D
Acq: 09 Aug 2023 15:31

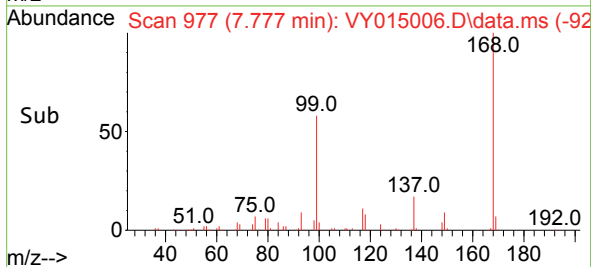
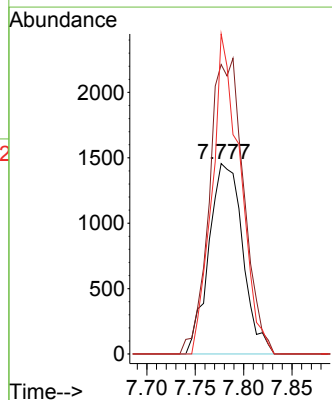
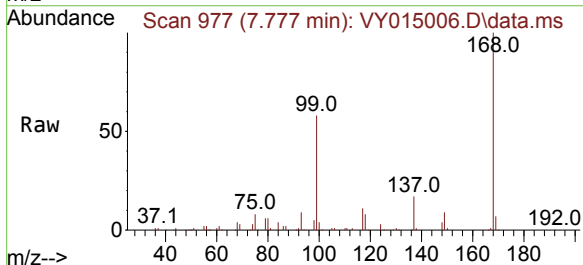
Instrument :
MSVOA_Y
ClientSampleId :
DAYTON-SOIL2

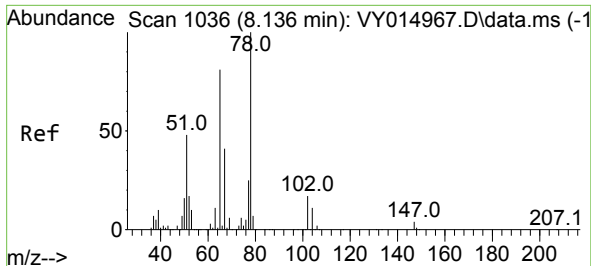
Tgt Ion: 77 Resp: 7250
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: Below Cal
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY015006.D
Acq: 09 Aug 2023 15:31

Tgt Ion: 56 Resp: 3540
Ion Ratio Lower Upper
56 100
69 152.0 27.8 41.6#
84 168.1 66.4 99.6#

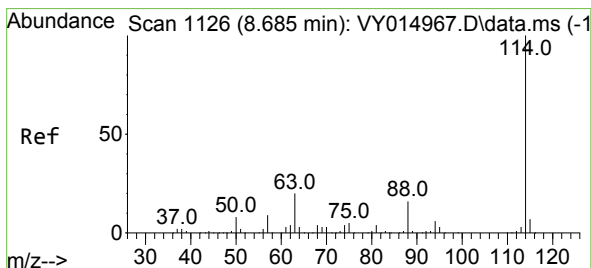
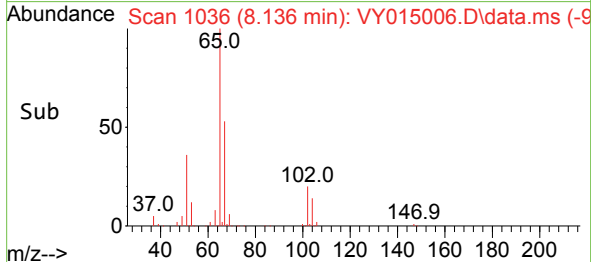
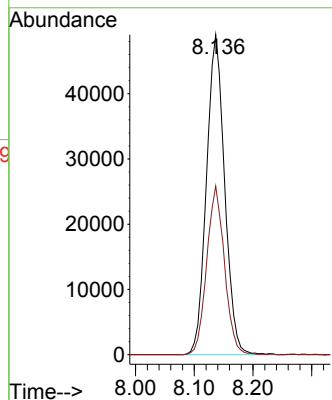
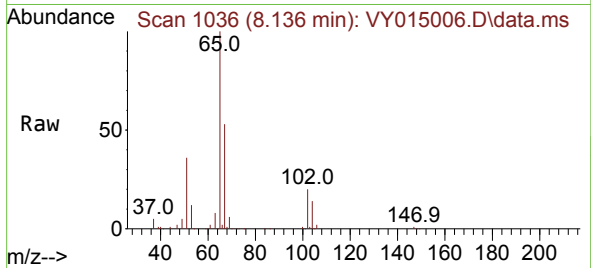




#33
 1,2-Dichloroethane-d4
 Concen: 51.480 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY015006.D
 Acq: 09 Aug 2023 15:31

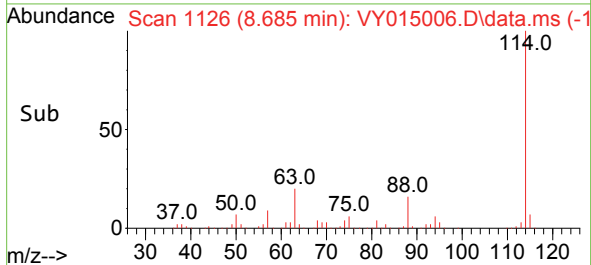
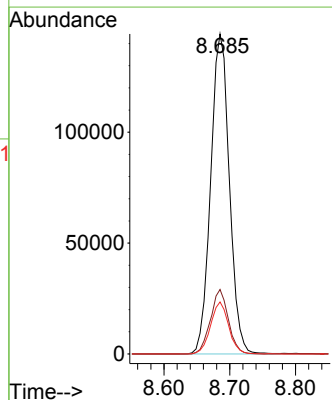
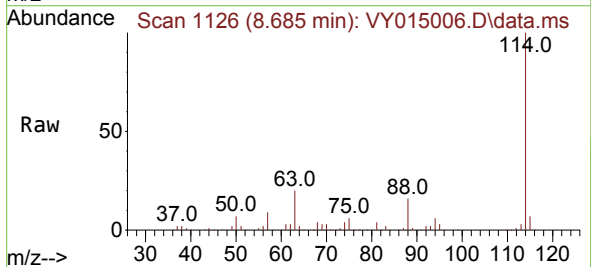
Instrument :
 MSVOA_Y
 ClientSampleId :
 DAYTON-SOIL2

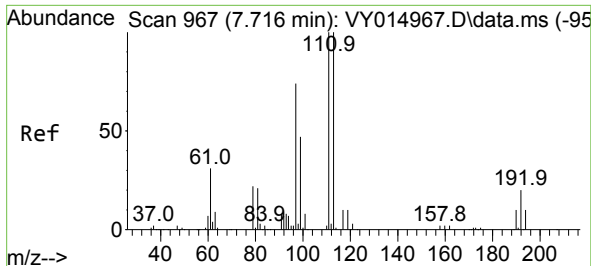
Tgt Ion: 65 Resp: 105335
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY015006.D
 Acq: 09 Aug 2023 15:31

Tgt Ion: 114 Resp: 285295
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.4
 88 16.3 0.0 30.6

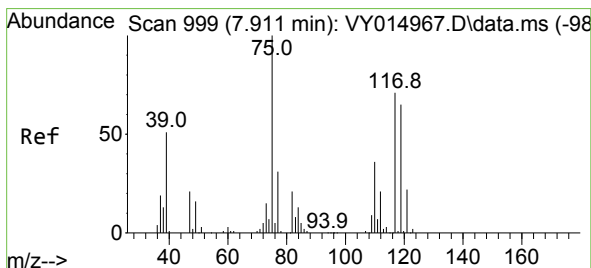
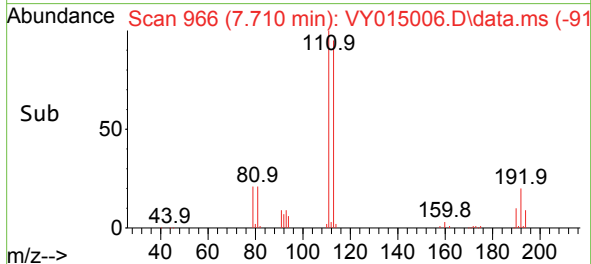
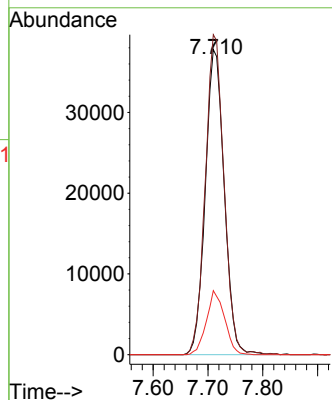
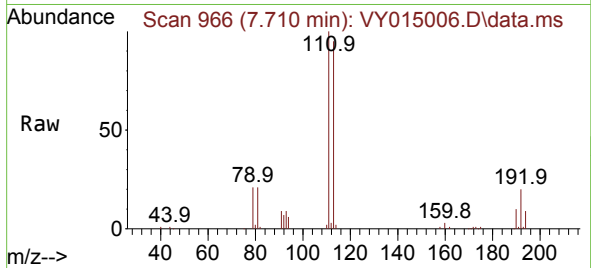




#35
Dibromofluoromethane
Concen: 49.656 ug/l
RT: 7.710 min Scan# 905
Delta R.T. -0.006 min
Lab File: VY015006.D
Acq: 09 Aug 2023 15:31

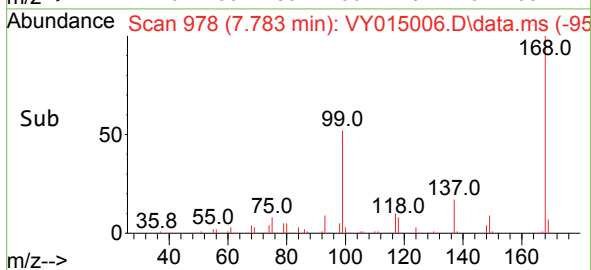
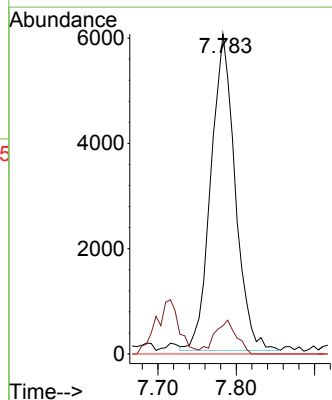
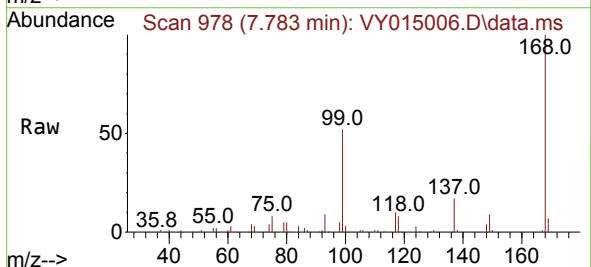
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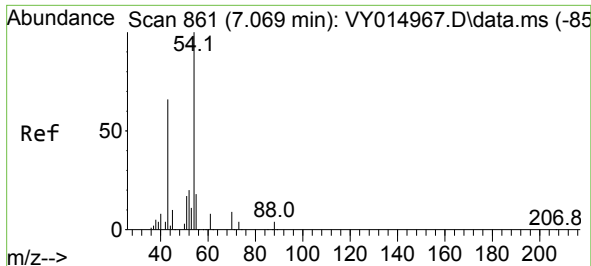
Tgt Ion:113 Resp: 90593
Ion Ratio Lower Upper
113 100
111 103.6 81.3 121.9
192 20.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.717 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015006.D
Acq: 09 Aug 2023 15:31

Tgt Ion: 75 Resp: 12950
Ion Ratio Lower Upper
75 100
110 9.6 17.8 53.5#
77 0.0 24.4 36.6#

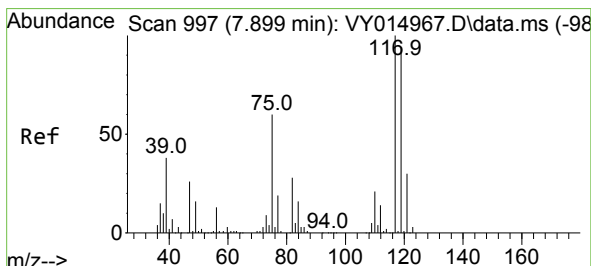
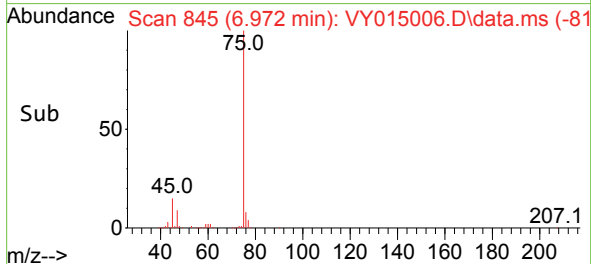
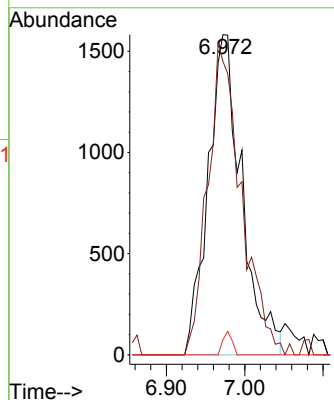
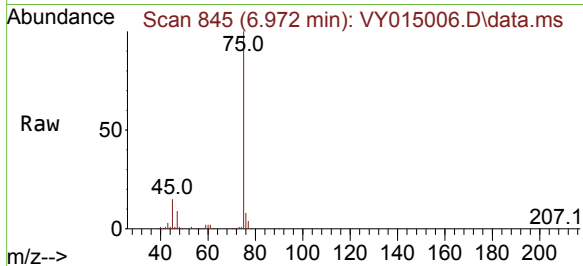




#37
Ethyl Acetate
Concen: 2.635 ug/l
RT: 6.972 min Scan# 84
Delta R.T. -0.097 min
Lab File: VY015006.D
Acq: 09 Aug 2023 15:31

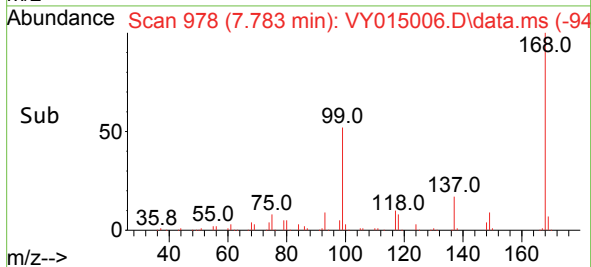
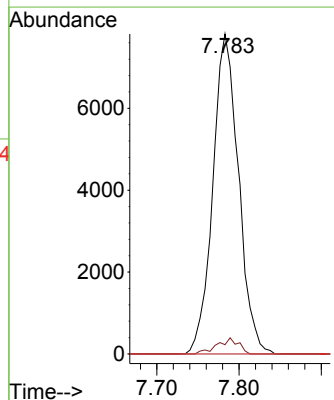
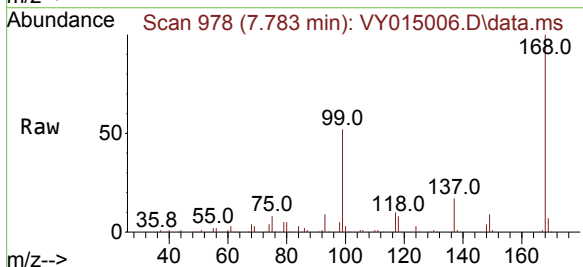
Instrument :
MSVOA_Y
ClientSampleId :
DAYTON-SOIL2

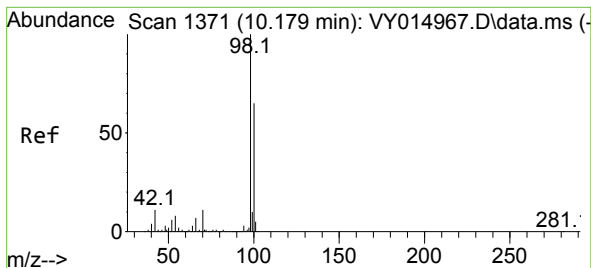
Tgt Ion: 43 Resp: 4737
Ion Ratio Lower Upper
43 100
61 97.2 10.1 15.1#
70 2.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 6.673 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY015006.D
Acq: 09 Aug 2023 15:31

Tgt Ion: 117 Resp: 16991
Ion Ratio Lower Upper
117 100
119 2.9 76.4 114.6#
121 0.0 25.8 38.6#

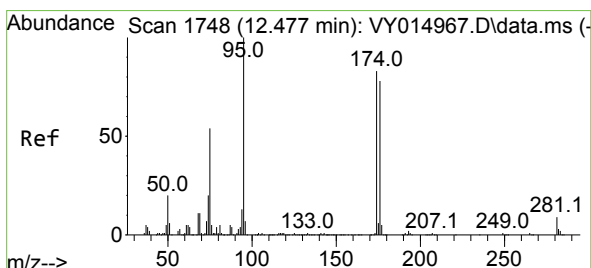
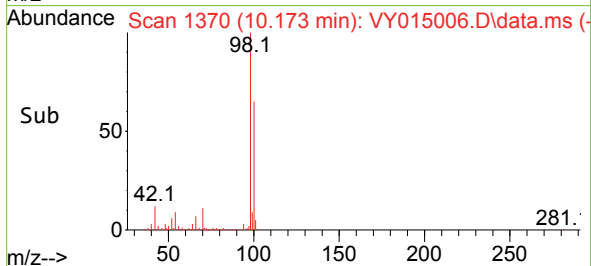
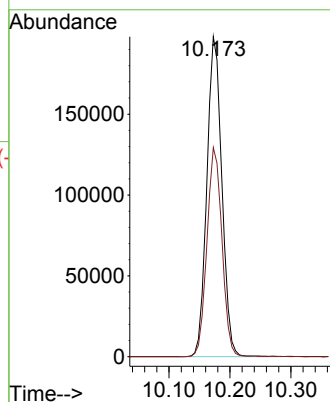
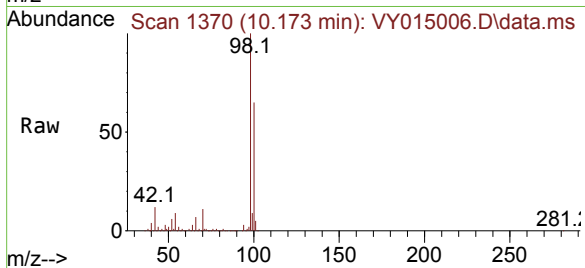




#50
Toluene-d8
Concen: 48.844 ug/l
RT: 10.173 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY015006.D
Acq: 09 Aug 2023 15:31

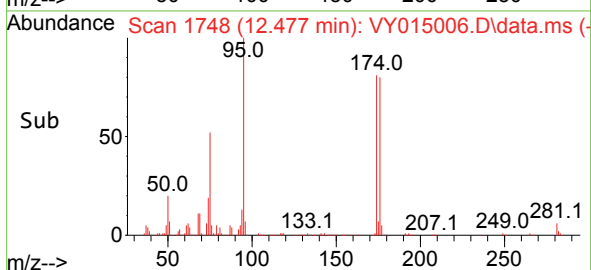
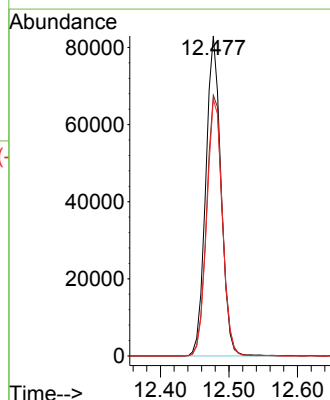
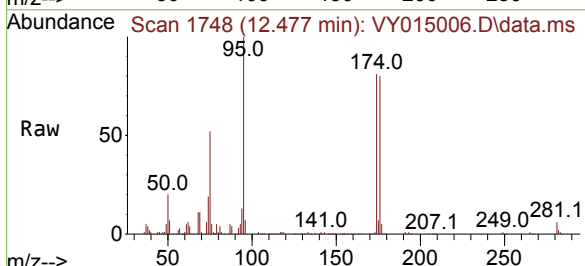
Instrument :
MSVOA_Y
ClientSampleId :
DAYTON-SOIL2

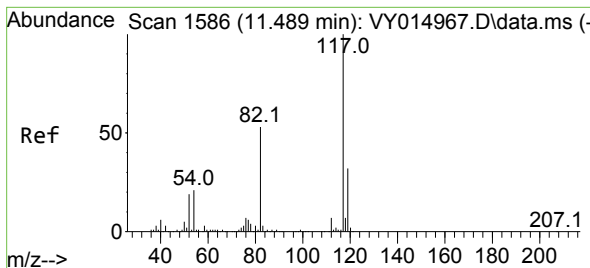
Tgt Ion: 98 Resp: 339178
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.196 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015006.D
Acq: 09 Aug 2023 15:31

Tgt Ion: 95 Resp: 128461
Ion Ratio Lower Upper
95 100
174 84.1 0.0 178.2
176 82.1 0.0 173.8

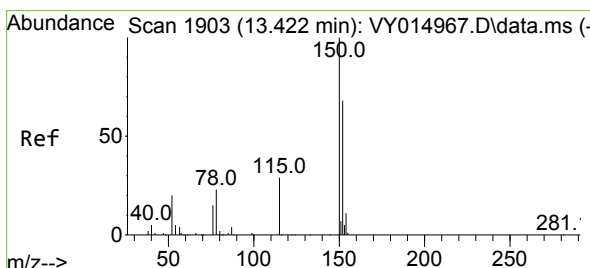
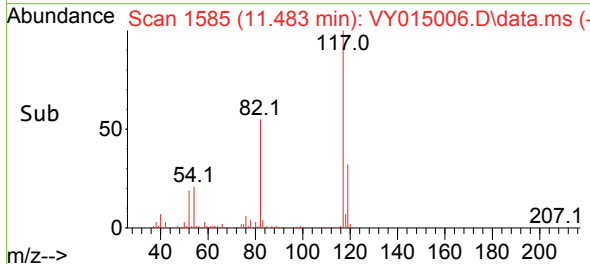
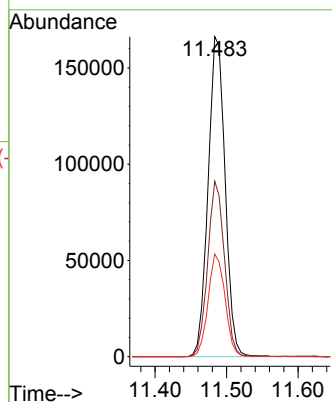
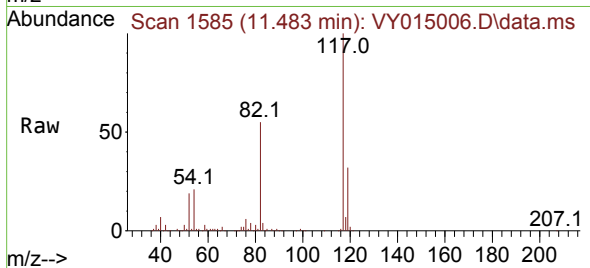




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015006.D
Acq: 09 Aug 2023 15:31

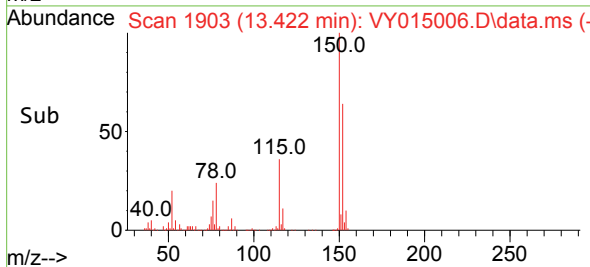
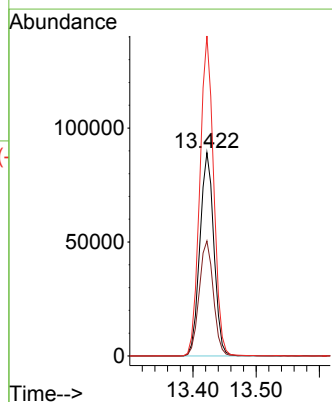
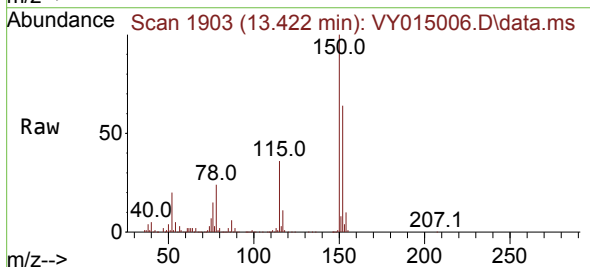
Instrument :
MSVOA_Y
ClientSampleId :
DAYTON-SOIL2

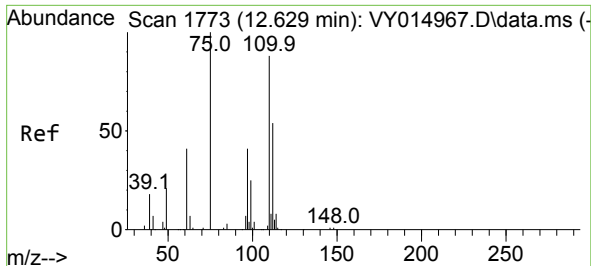
Tgt Ion:117 Resp: 275039
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 32.1 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015006.D
Acq: 09 Aug 2023 15:31

Tgt Ion:152 Resp: 137668
Ion Ratio Lower Upper
152 100
115 57.4 28.8 86.5
150 155.6 0.0 348.8

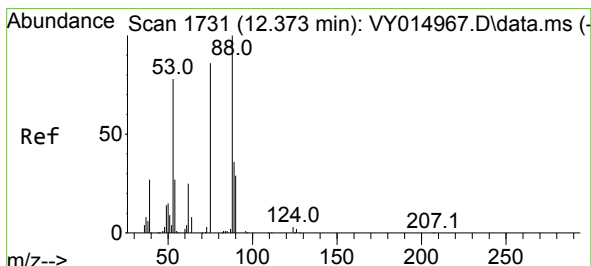
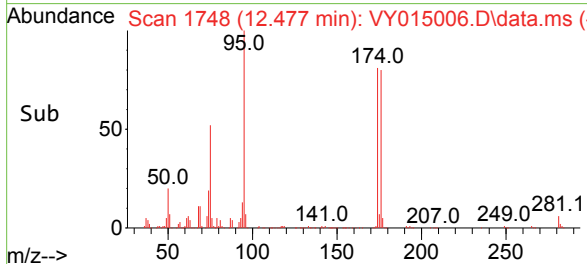
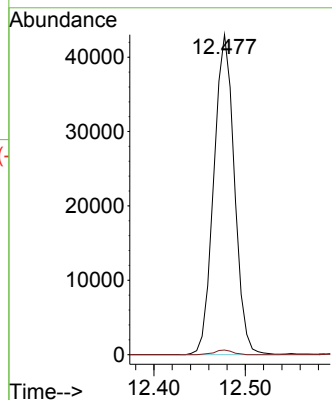
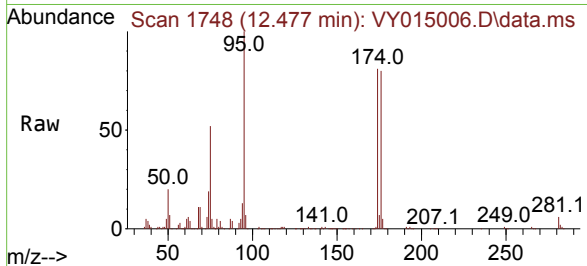




#76
1,2,3-Trichloropropane
Concen: 40.813 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.152 min
Lab File: VY015006.D
Acq: 09 Aug 2023 15:31

Instrument :
MSVOA_Y
ClientSampleId :
DAYTON-SOIL2

Tgt Ion: 75 Resp: 67325
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.913 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY015006.D
Acq: 09 Aug 2023 15:31

Tgt Ion: 75 Resp: 67325
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

