

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081522\
 Data File : VN073909.D
 Acq On : 15 Aug 2022 20:48
 Operator : JC\MD
 Sample : N4141-01 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOILD-WASTE

Quant Time: Aug 16 01:35:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

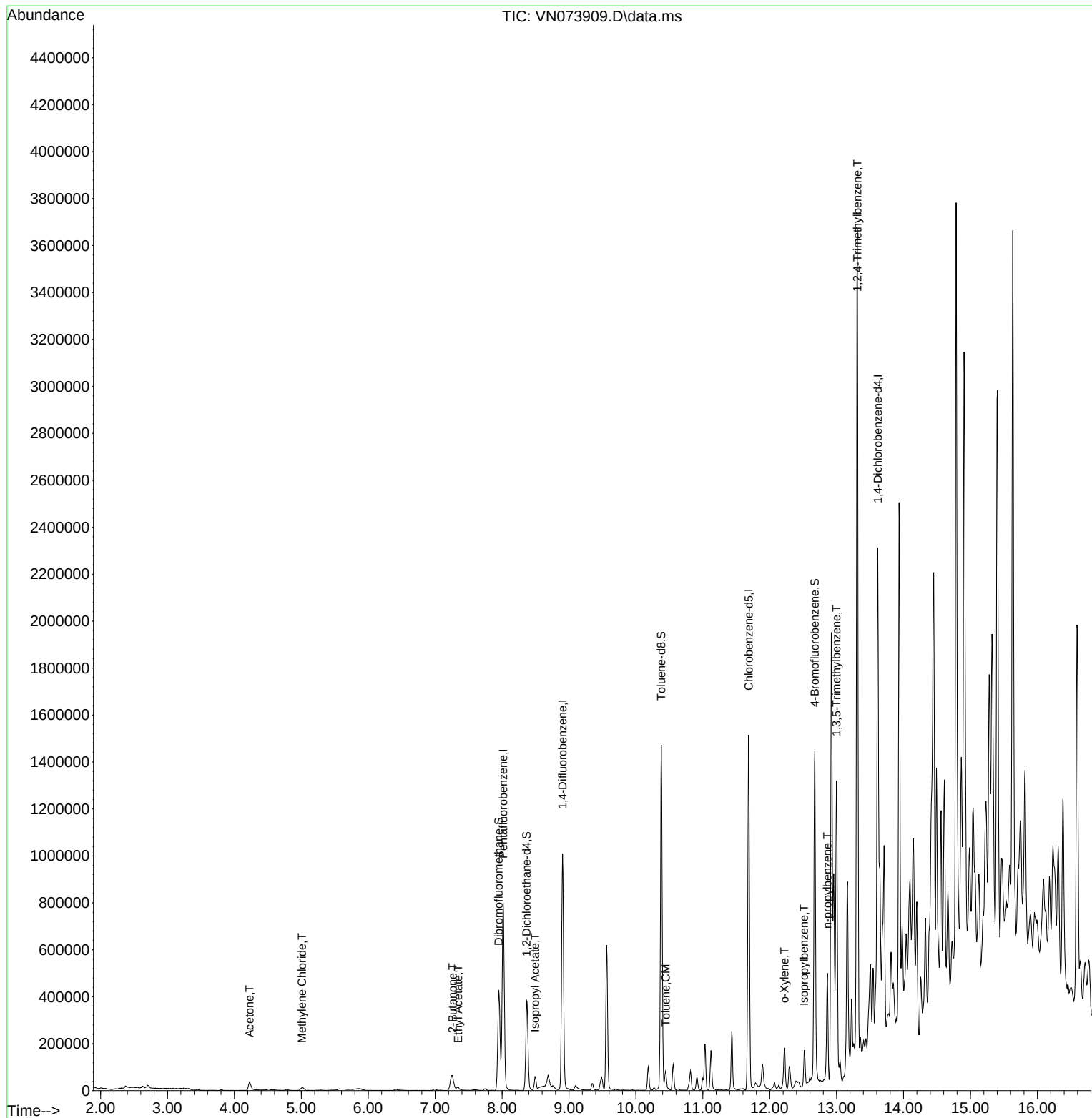
Internal Standards						
1) Pentafluorobenzene	8.016	168	682992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	959518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	931547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	537736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	319672	48.054	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.100%		
35) Dibromofluoromethane	7.951	113	307642	54.215	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	108.420%		
50) Toluene-d8	10.380	98	1049427	47.752	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.500%		
62) 4-Bromofluorobenzene	12.674	95	448683	61.517	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	123.040%#		
Target Compounds						Qvalue
16) Acetone	4.228	43	63546	20.247	ug/l	97
20) Methylene Chloride	5.010	84	12593	1.901	ug/l #	83
25) 2-Butanone	7.263	43	45311	9.105	ug/l	99
37) Ethyl Acetate	7.345	43	17068	1.787	ug/l	98
43) Isopropyl Acetate	8.492	43	61624	4.530	ug/l #	91
52) Toluene	10.445	92	33011	1.935	ug/l	99
69) o-Xylene	12.221	106	48022	3.580	ug/l	96
73) Isopropylbenzene	12.516	105	97373	2.487	ug/l	98
78) n-propylbenzene	12.863	91	371630	8.904	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	519623	16.315	ug/l	96
84) 1,2,4-Trimethylbenzene	13.310	105	2060263	64.778	ug/l	98

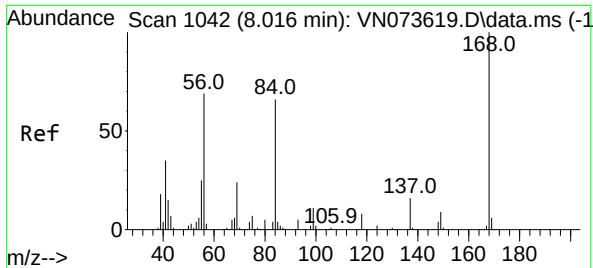
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 16 01:35:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

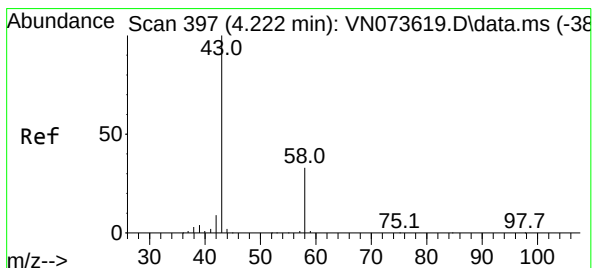
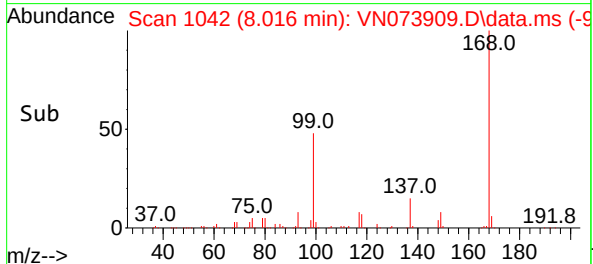
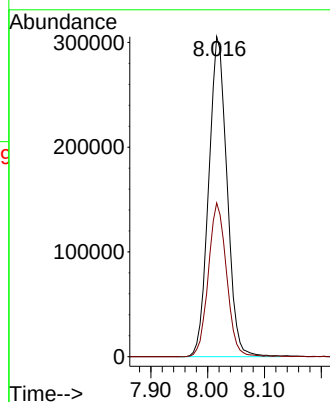
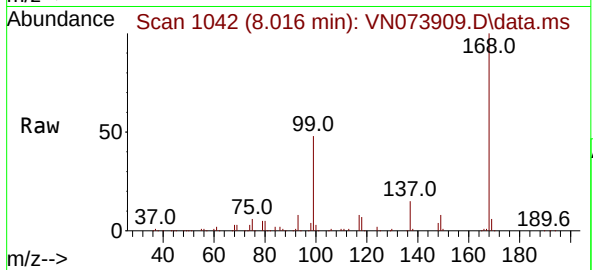




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073909.D
Acq: 15 Aug 2022 20:48

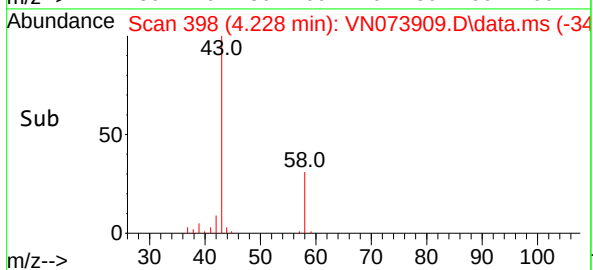
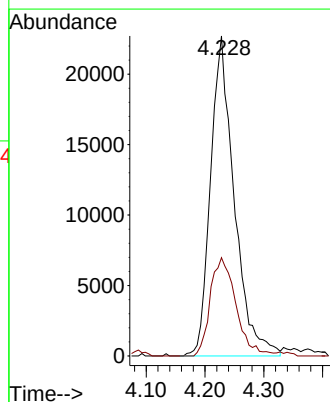
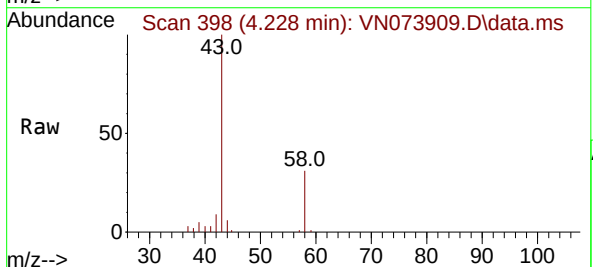
Instrument :
MSVOA_N
ClientSampleId :
SOILD-WASTE

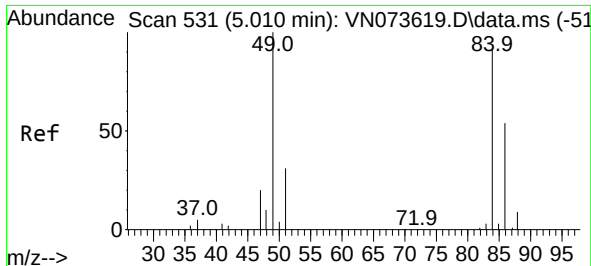
Tgt Ion:168 Resp: 682992
Ion Ratio Lower Upper
168 100
99 48.0 42.3 63.5



#16
Acetone
Concen: 20.247 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073909.D
Acq: 15 Aug 2022 20:48

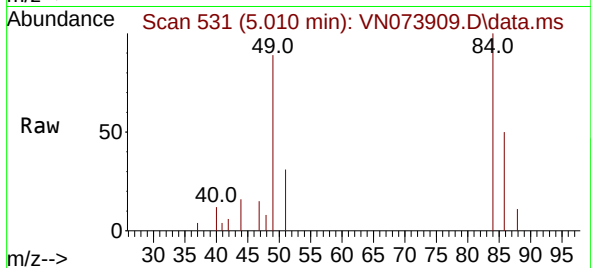
Tgt Ion: 43 Resp: 63546
Ion Ratio Lower Upper
43 100
58 30.7 26.0 39.0



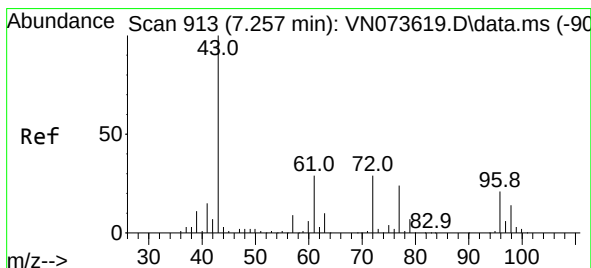
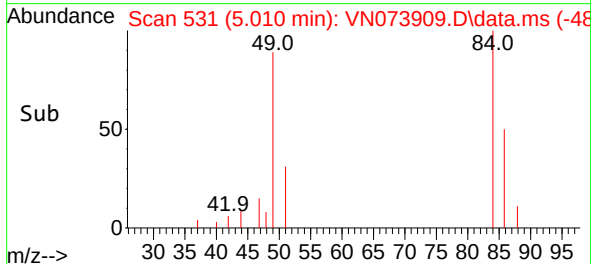
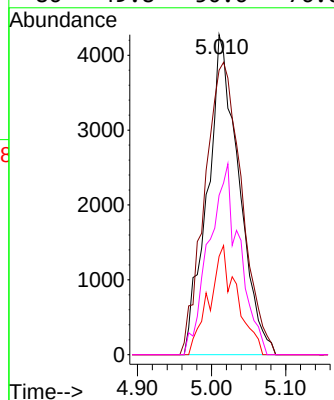


#20
Methylene Chloride
Concen: 1.901 ug/l
RT: 5.010 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN073909.D
Acq: 15 Aug 2022 20:48

Instrument :
MSVOA_N
ClientSampleId :
SOILD-WASTE

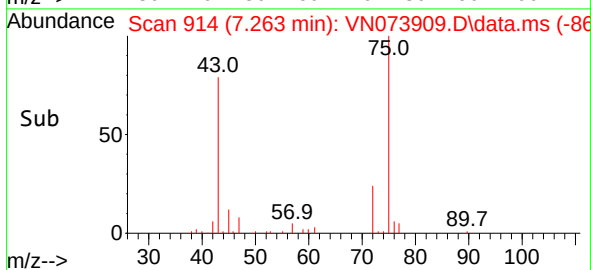
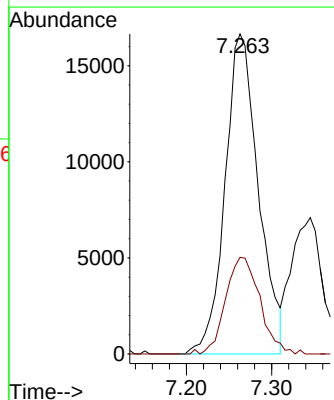
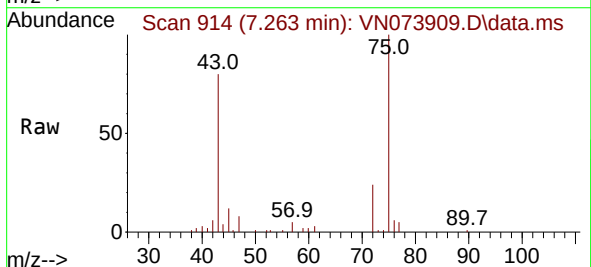


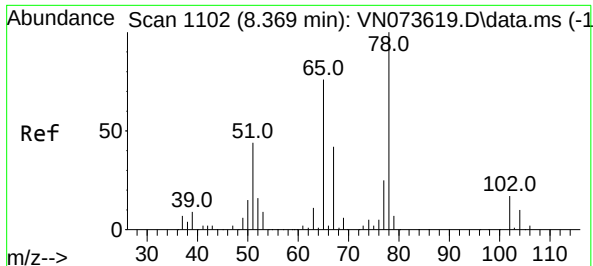
Tgt Ion:	84	Resp:	12593
Ion	Ratio	Lower	Upper
84	100		
49	88.9	88.3	132.5
51	30.7	28.2	42.2
86	49.8	50.6	76.0



#25
2-Butanone
Concen: 9.105 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN073909.D
Acq: 15 Aug 2022 20:48

Tgt Ion:	43	Resp:	45311
Ion	Ratio	Lower	Upper
43	100		
72	30.2	23.7	35.5





#33

1,2-Dichloroethane-d4

Concen: 48.054 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073909.D

Acq: 15 Aug 2022 20:48

Instrument :

MSVOA_N

ClientSampleId :

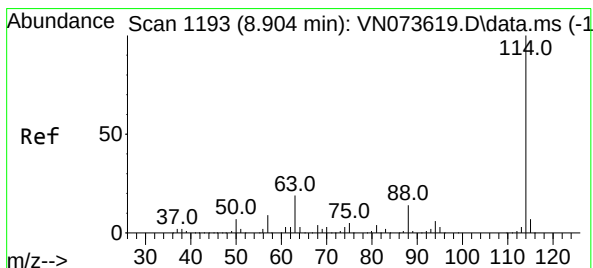
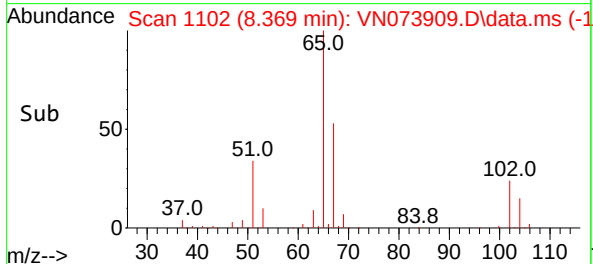
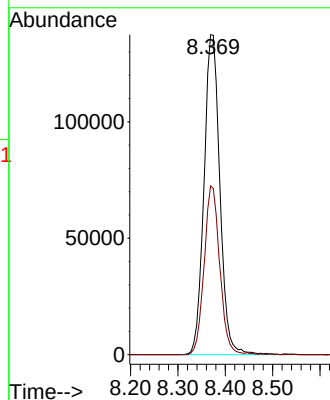
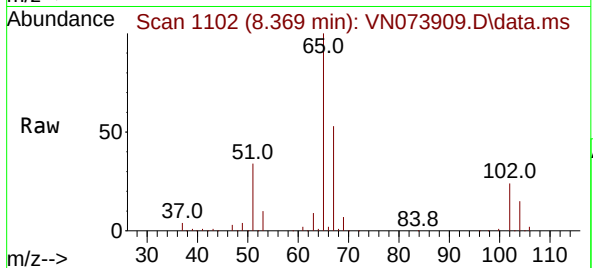
SOILD-WASTE

Tgt Ion: 65 Resp: 319672

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073909.D

Acq: 15 Aug 2022 20:48

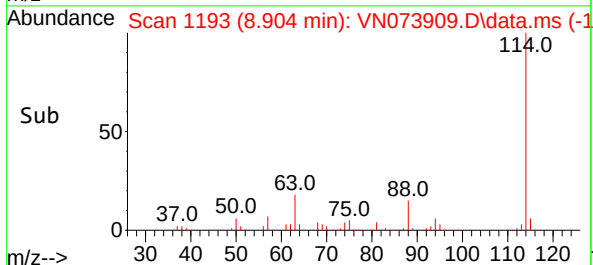
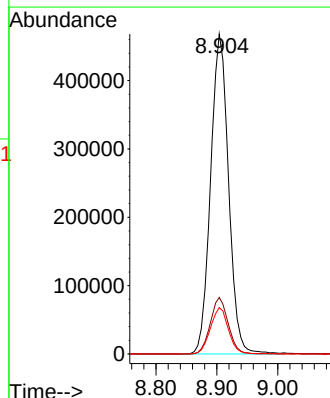
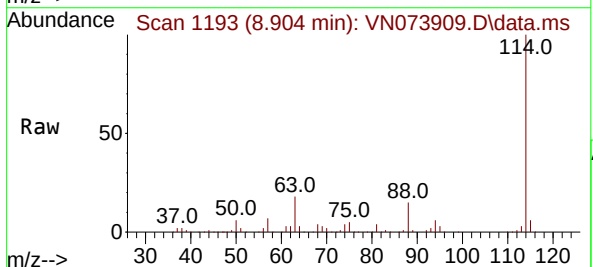
Tgt Ion: 114 Resp: 959518

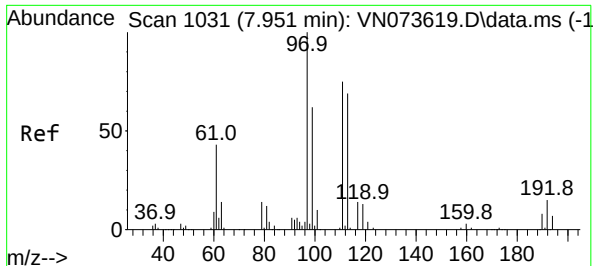
Ion Ratio Lower Upper

114 100

63 17.6 0.0 40.0

88 14.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 54.215 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073909.D

Acq: 15 Aug 2022 20:48

Instrument :

MSVOA_N

ClientSampleId :

SOILD-WASTE

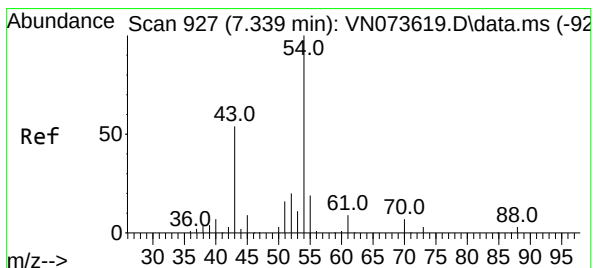
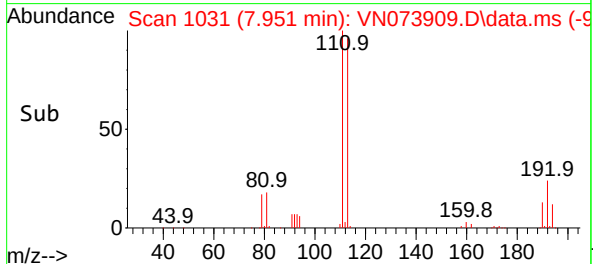
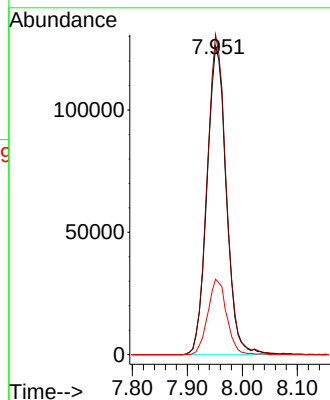
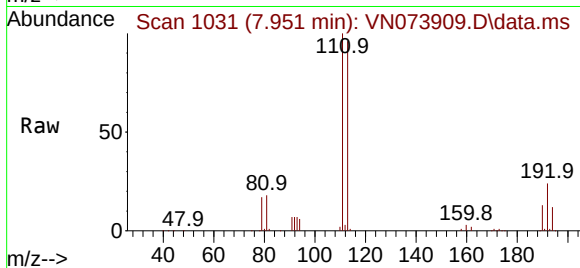
Tgt Ion:113 Resp: 307642

Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

192 23.9 17.0 25.6



#37

Ethyl Acetate

Concen: 1.787 ug/l

RT: 7.345 min Scan# 928

Delta R.T. 0.006 min

Lab File: VN073909.D

Acq: 15 Aug 2022 20:48

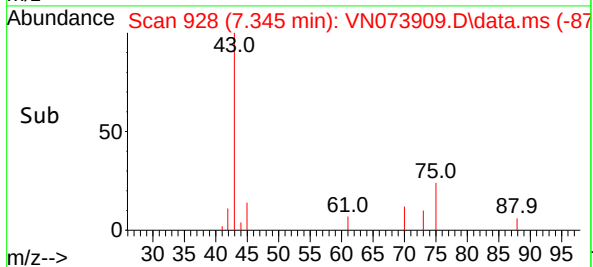
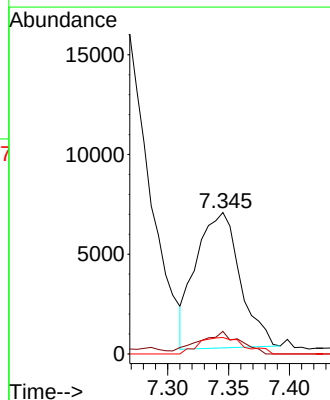
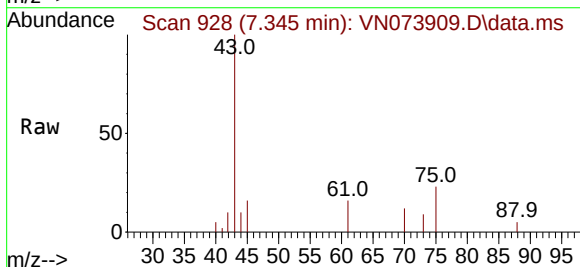
Tgt Ion: 43 Resp: 17068

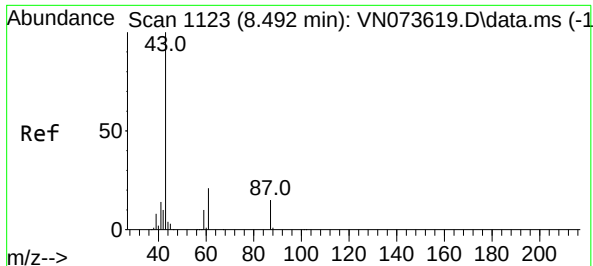
Ion Ratio Lower Upper

43 100

61 15.2 11.8 17.6

70 12.7 9.3 13.9

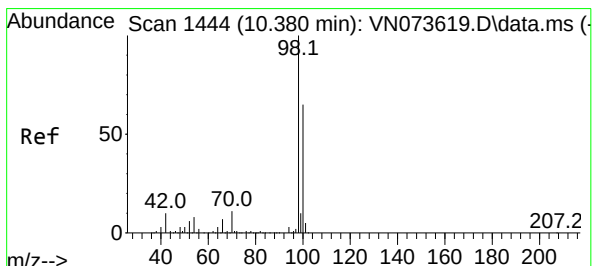
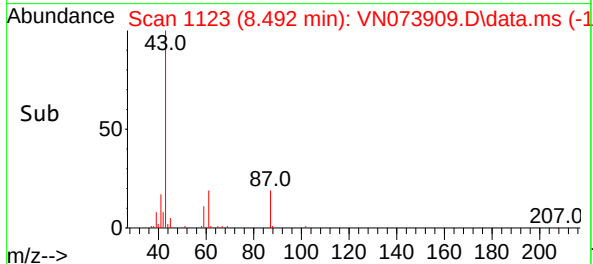
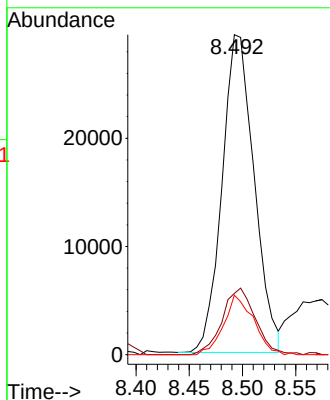
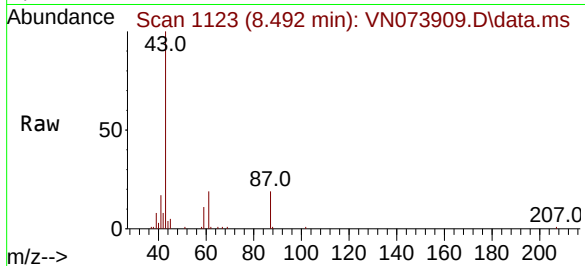




#43
Isopropyl Acetate
Concen: 4.530 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073909.D
Acq: 15 Aug 2022 20:48

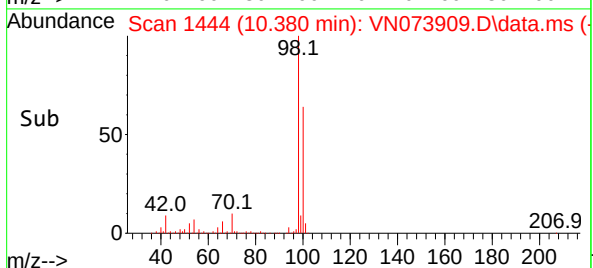
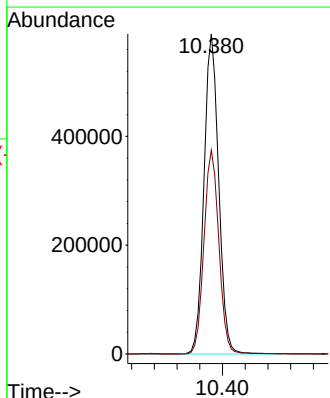
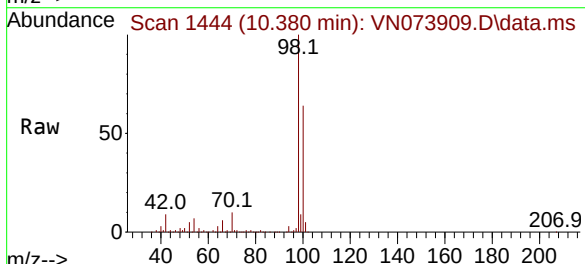
Instrument :
MSVOA_N
ClientSampleId :
SOILD-WASTE

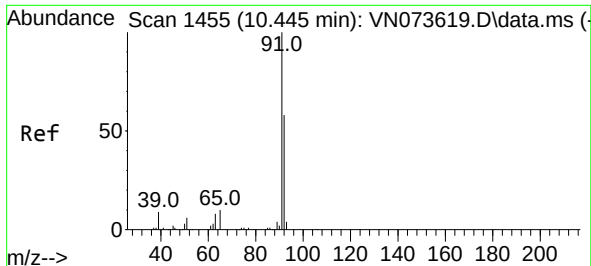
Tgt Ion: 43 Resp: 61624
Ion Ratio Lower Upper
43 100
61 21.6 21.9 32.9#
87 17.4 12.0 18.0



#50
Toluene-d8
Concen: 47.752 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073909.D
Acq: 15 Aug 2022 20:48

Tgt Ion: 98 Resp: 1049427
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8

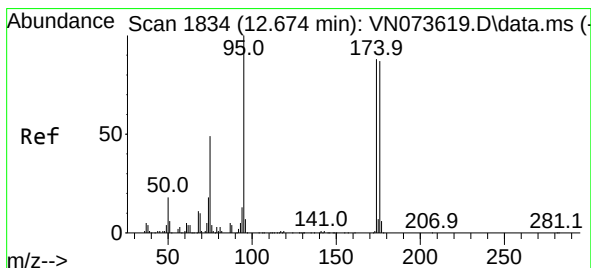
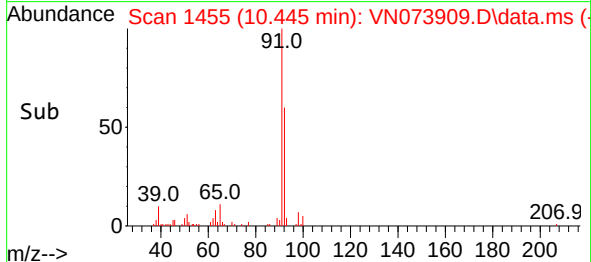
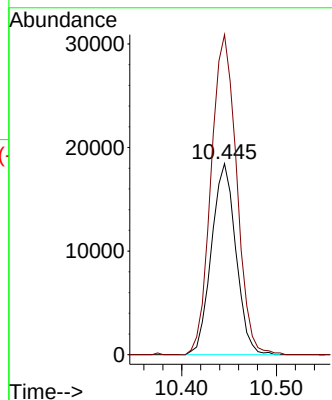
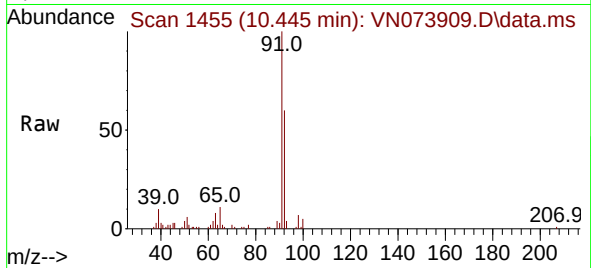




#52
Toluene
Concen: 1.935 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073909.D
Acq: 15 Aug 2022 20:48

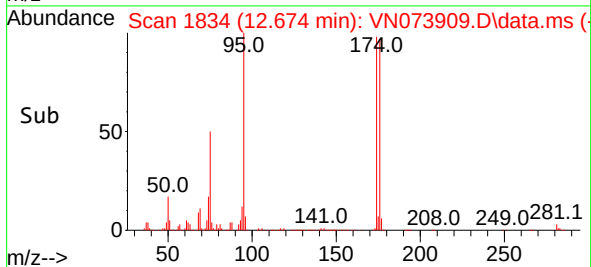
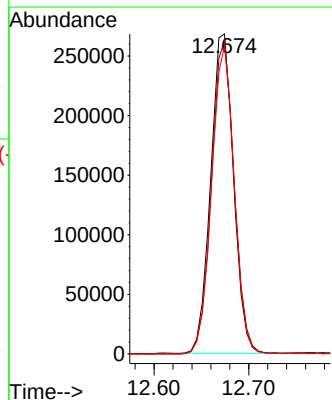
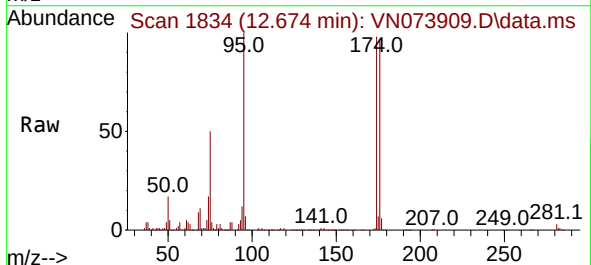
Instrument :
MSVOA_N
ClientSampleId :
SOILD-WASTE

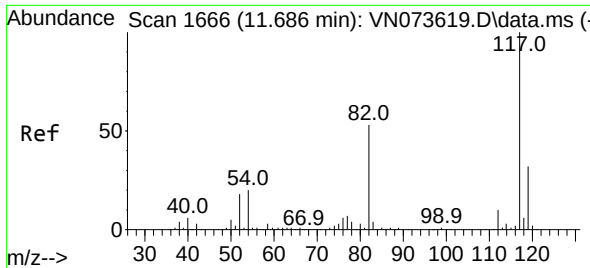
Tgt Ion: 92 Resp: 33011
Ion Ratio Lower Upper
92 100
91 175.2 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 61.517 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073909.D
Acq: 15 Aug 2022 20:48

Tgt Ion: 95 Resp: 448683
Ion Ratio Lower Upper
95 100
174 97.7 0.0 167.6
176 95.2 0.0 163.4

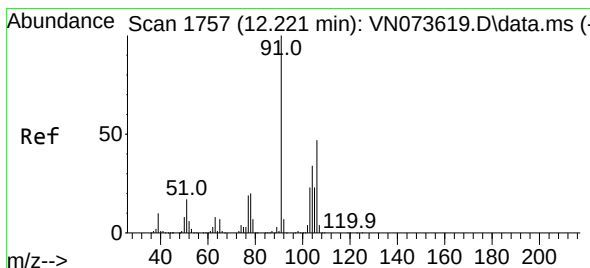
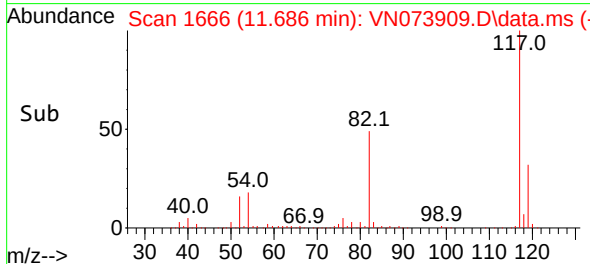
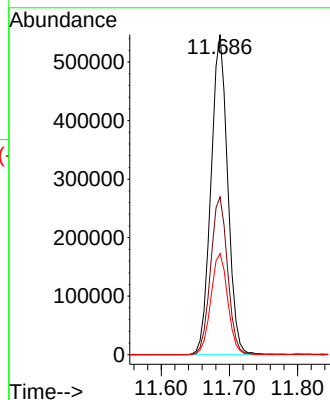
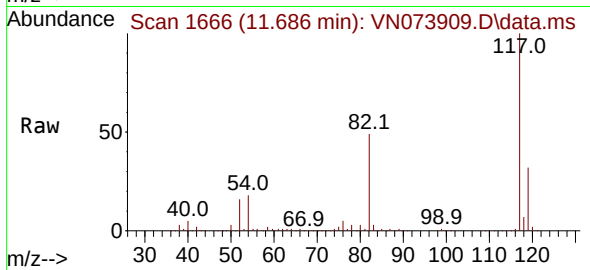




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073909.D
Acq: 15 Aug 2022 20:48

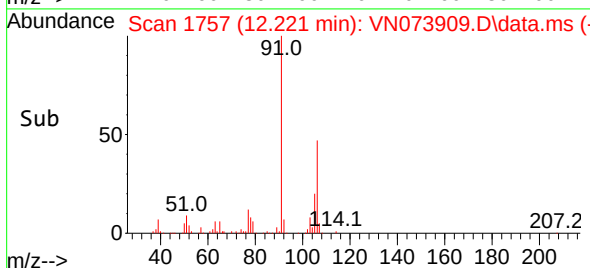
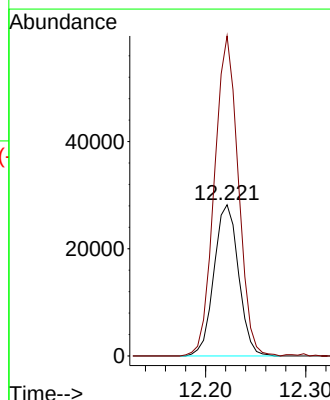
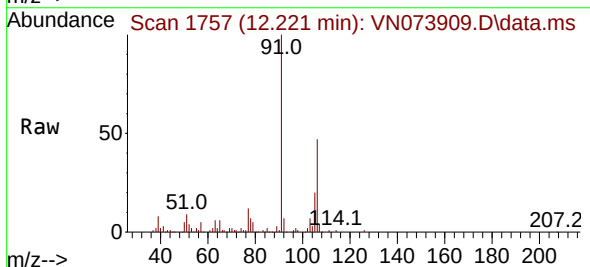
Instrument :
MSVOA_N
ClientSampleId :
SOILD-WASTE

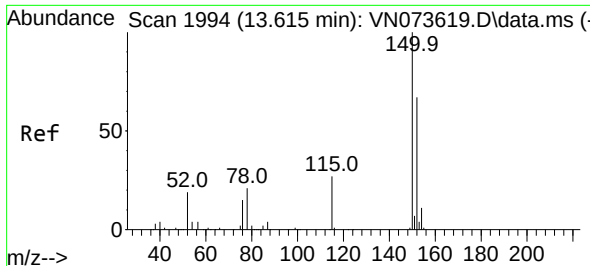
Tgt Ion:117 Resp: 931547
Ion Ratio Lower Upper
117 100
82 49.3 44.2 66.2
119 31.6 25.4 38.0



#69
o-Xylene
Concen: 3.580 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073909.D
Acq: 15 Aug 2022 20:48

Tgt Ion:106 Resp: 48022
Ion Ratio Lower Upper
106 100
91 205.9 106.0 318.0

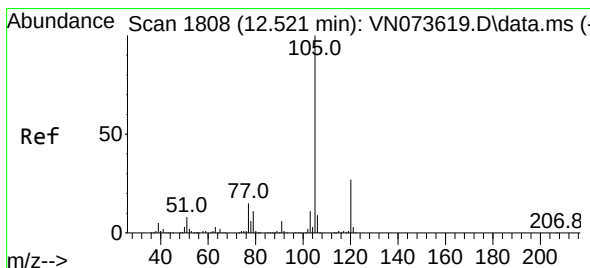
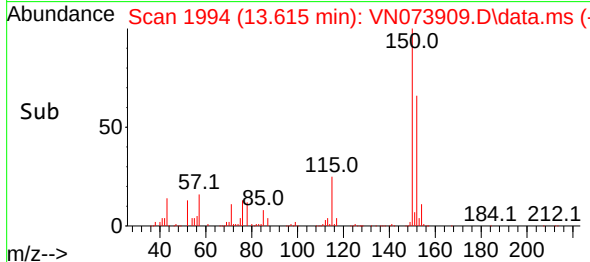
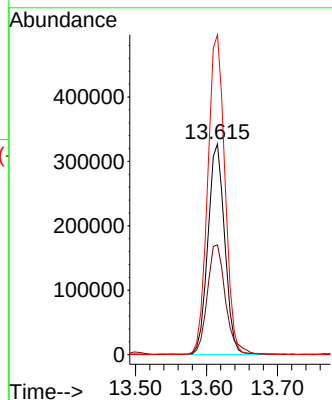
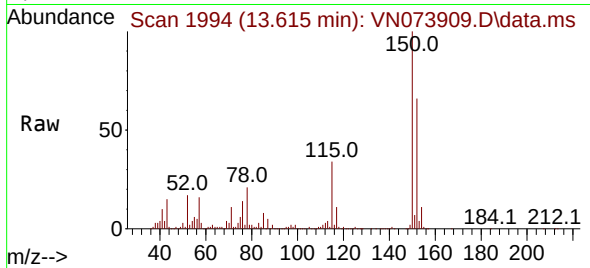




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073909.D
Acq: 15 Aug 2022 20:48

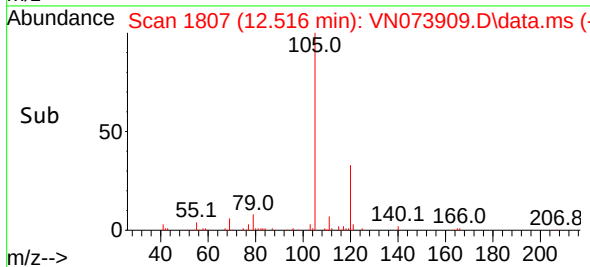
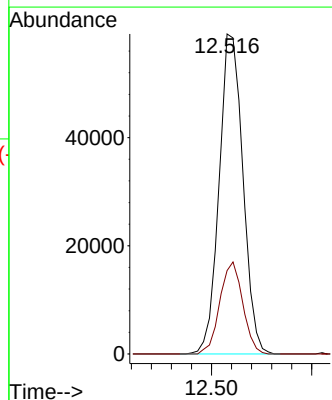
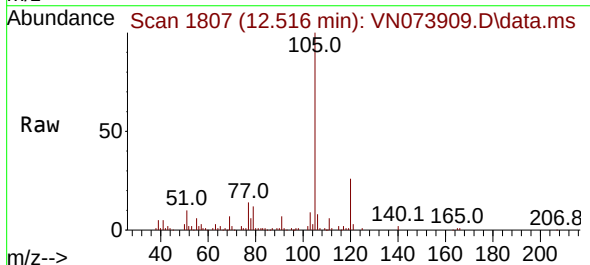
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MSVOA_N
ClientSampleId :
SOILD-WASTE

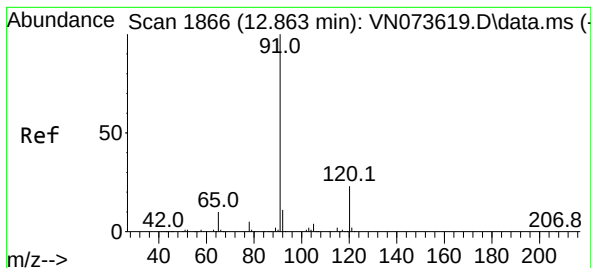
Tgt Ion:152 Resp: 537736
Ion Ratio Lower Upper
152 100
115 56.8 28.9 86.7
150 155.6 0.0 356.2



#73
Isopropylbenzene
Concen: 2.487 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. -0.005 min
Lab File: VN073909.D
Acq: 15 Aug 2022 20:48

Tgt Ion:105 Resp: 97373
Ion Ratio Lower Upper
105 100
120 27.7 13.5 40.4





#78

n-propylbenzene

Concen: 8.904 ug/l

RT: 12.863 min Scan# 1866

Delta R.T. -0.000 min

Lab File: VN073909.D

Acq: 15 Aug 2022 20:48

Instrument :

MSVOA_N

ClientSampleId :

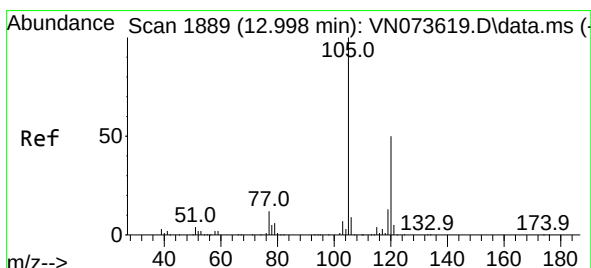
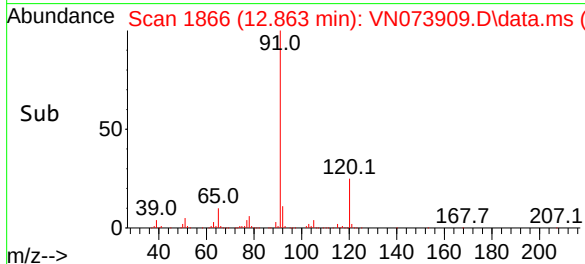
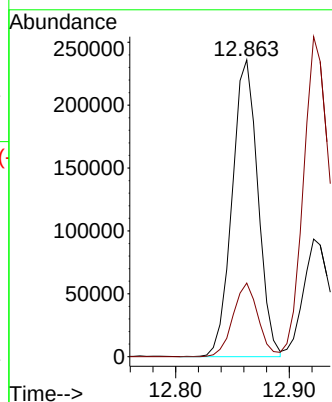
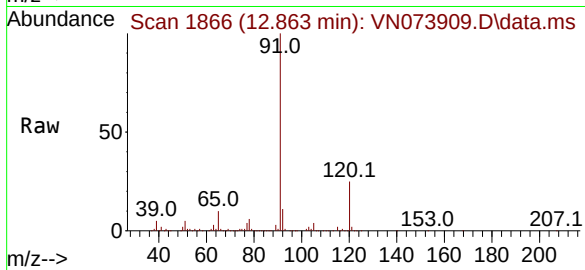
SOILD-WASTE

Tgt Ion: 91 Resp: 371630

Ion Ratio Lower Upper

91 100

120 24.1 11.9 35.5



#80

1,3,5-Trimethylbenzene

Concen: 16.315 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VN073909.D

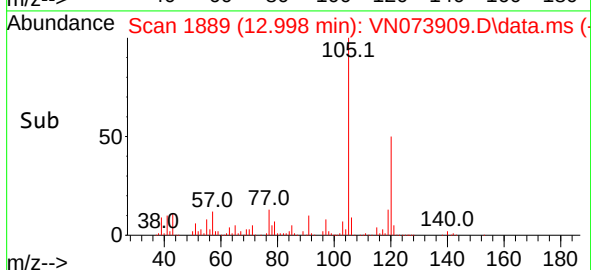
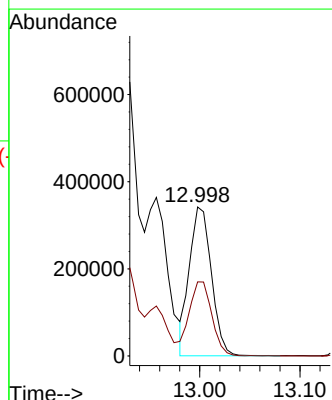
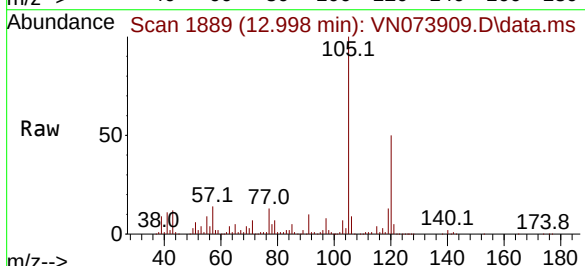
Acq: 15 Aug 2022 20:48

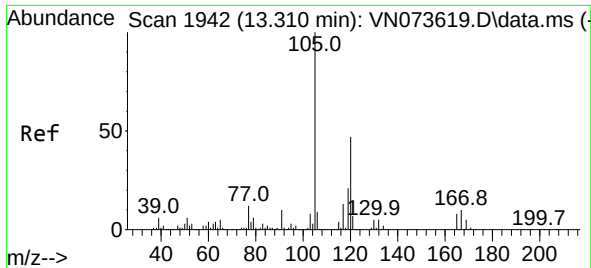
Tgt Ion:105 Resp: 519623

Ion Ratio Lower Upper

105 100

120 52.8 24.9 74.7





#84
 1,2,4-Trimethylbenzene
 Concen: 64.778 ug/l
 RT: 13.310 min Scan# 1942
 Delta R.T. -0.000 min
 Lab File: VN073909.D
 Acq: 15 Aug 2022 20:48

Instrument :
 MSVOA_N
 ClientSampleId :
 SOILD-WASTE

Tgt Ion:105 Resp: 2060263
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.3 69.8

