

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 00:00:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 15 23:50:46 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		
3) Chloromethane	2.269	50	1225	0.203	ug/l	97
11) Tert butyl alcohol	5.287	59	2855	1.919	ug/l #	84
16) Acetone	4.228	43	63546	20.247	ug/l	97
18) Methyl Acetate	4.787	43	8369	Below Cal		99
20) Methylene Chloride	5.010	84	12593	1.901	ug/l #	83
25) 2-Butanone	7.263	43	45311	9.105	ug/l	99
26) 2,2-Dichloropropane	7.245	77	4149	0.419	ug/l #	53
29) Tetrahydrofuran	7.616	42	1659	0.520	ug/l #	57
30) Chloroform	7.745	83	6846	0.581	ug/l	99
31) Cyclohexane	8.022	56	10127	1.092	ug/l #	16
36) 1,1-Dichloropropene	8.022	75	41480	5.263	ug/l #	49
37) Ethyl Acetate	7.345	43	17068	1.787	ug/l	98
38) Carbon Tetrachloride	8.016	117	58023	6.441	ug/l #	17
43) Isopropyl Acetate	8.492	43	61624	4.530	ug/l #	91
48) Methyl methacrylate	9.475	41	9031	1.552	ug/l #	38
51) 4-Methyl-2-Pentanone	10.269	43	9654	1.050	ug/l #	83
52) Toluene	10.445	92	33011	1.935	ug/l	99
54) cis-1,3-Dichloropropene	10.180	75	19364	1.947	ug/l #	62
59) 2-Hexanone	11.027	43	31734	4.484	ug/l	67
60) Dibromochloromethane	10.910	129	3766	0.513	ug/l #	11
64) Tetrachloroethene	10.916	164	4102	0.558	ug/l	93
67) Ethyl Benzene	11.786	91	12149	0.369	ug/l	94
68) m/p-Xylenes	11.886	106	24974	1.867	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
74) N-amyl acetate	12.292	43	56123	3.791	ug/l #	43
76) 1,2,3-Trichloropropane	12.927	75	9654	0.608	ug/l #	1
78) n-propylbenzene	12.863	91	371630	8.904	ug/l	99
79) 2-Chlorotoluene	12.921	91	143377	5.512	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.998	105	519623	16.315	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.674	75	227919	57.999	ug/l #	10
82) 4-Chlorotoluene	13.004	91	52913	2.142	ug/l #	42
83) tert-Butylbenzene	13.310	119	261396	8.919	ug/l #	69
84) 1,2,4-Trimethylbenzene	13.310	105	2060263	64.778	ug/l	98
85) sec-Butylbenzene	13.310	105	2060263	54.231	ug/l #	56
86) p-Isopropyltoluene	13.498	119	70495	2.178	ug/l	91

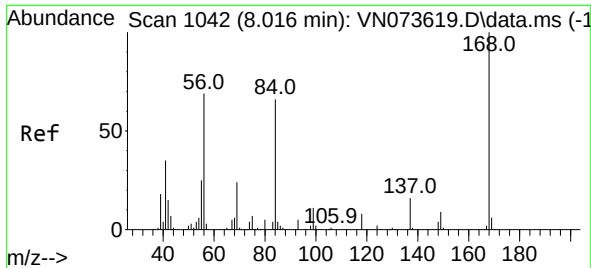
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081522\
Data File : VN073909.D
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 15 23:50:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.886	91	19095	0.745	ug/l #	60
90) Hexachloroethane	14.151	117	9013	1.524	ug/l #	9
95) Naphthalene	15.433	128	22841	0.606	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.715	180	12975	1.087	ug/l	92

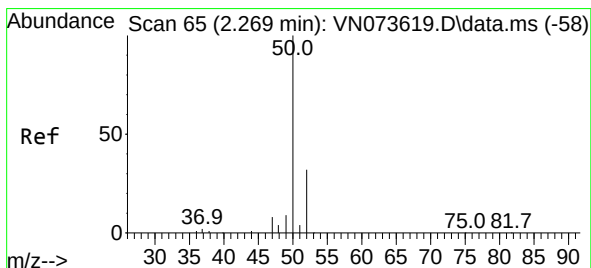
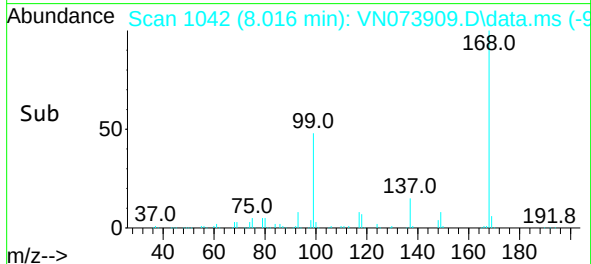
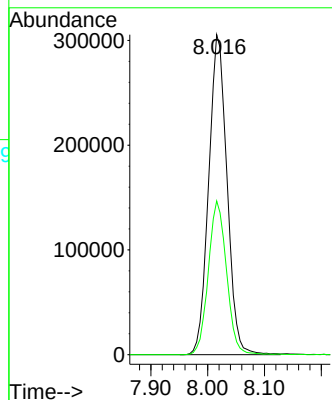
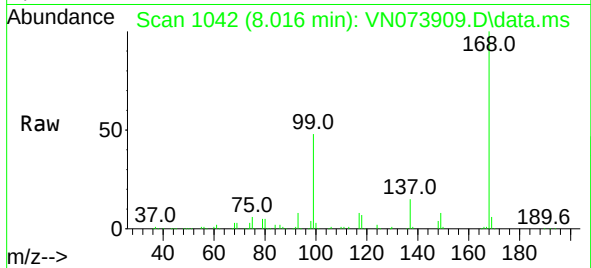
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN073909.D
Acq: 15 Aug 2022 20:48

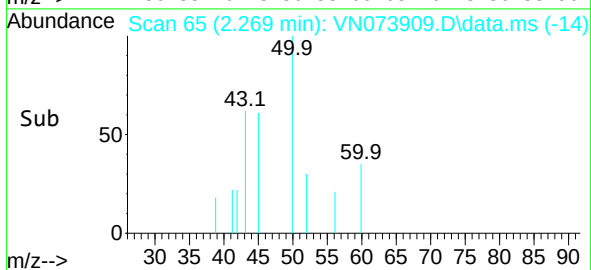
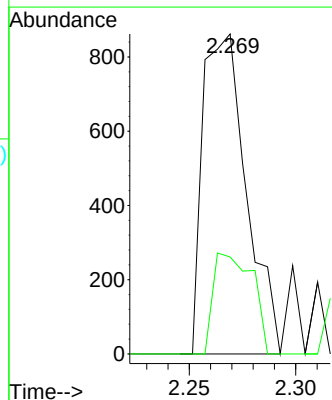
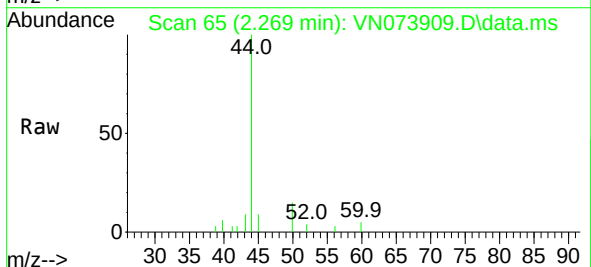
Instrument :
MSVOA_N
ClientSampleId :
SOILD-WASTE

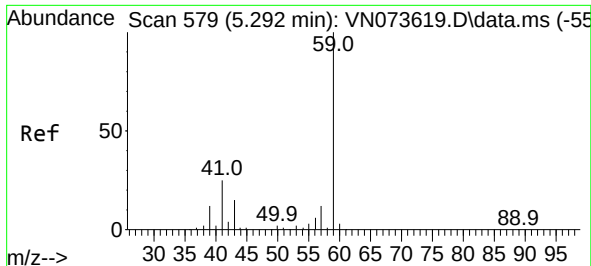
Tgt Ion:168 Resp: 682992
Ion Ratio Lower Upper
168 100
99 48.0 42.3 63.5



#3
Chloromethane
Concen: 0.203 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073909.D
Acq: 15 Aug 2022 20:48

Tgt Ion: 50 Resp: 1225
Ion Ratio Lower Upper
50 100
52 30.3 25.7 38.5

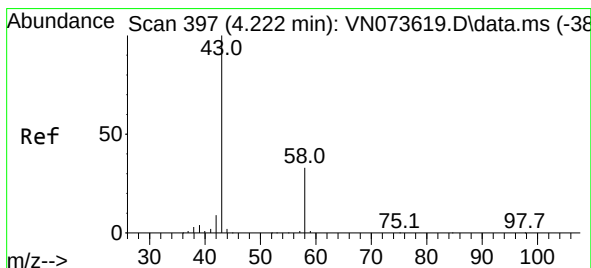
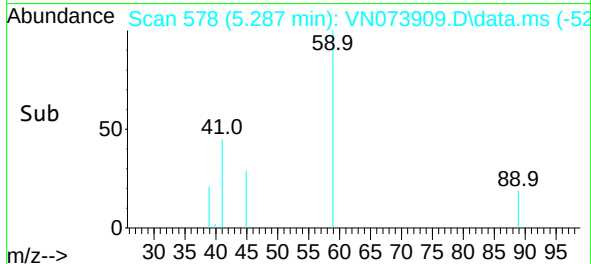
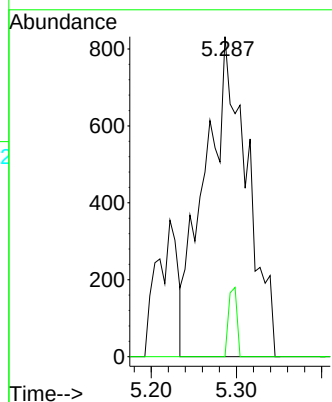
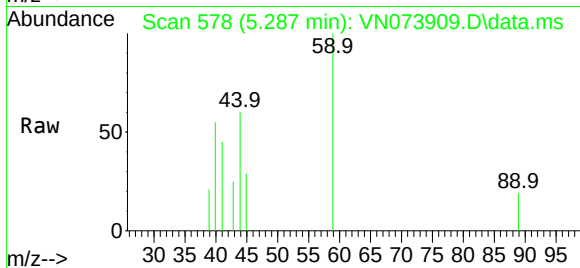




#11
Tert butyl alcohol
Concen: 1.919 ug/l
RT: 5.287 min Scan# 51
Delta R.T. -0.005 min
Lab File: VN073909.D
Acq: 15 Aug 2022 20:48

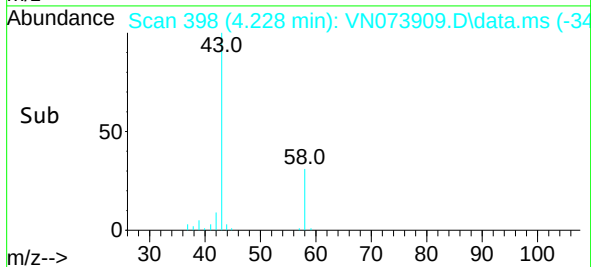
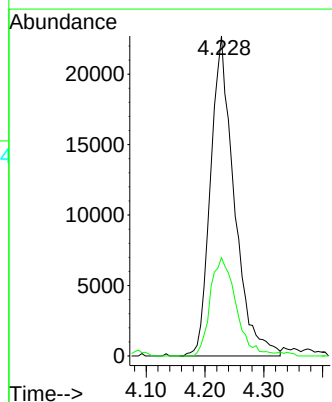
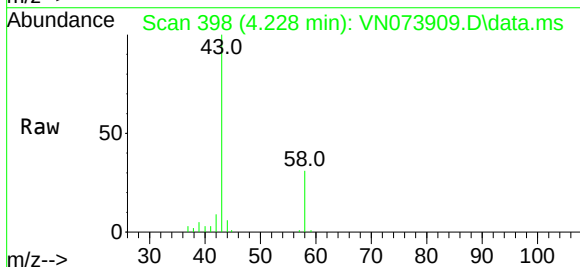
Instrument :
MSVOA_N
ClientSampleId :
SOILD-WASTE

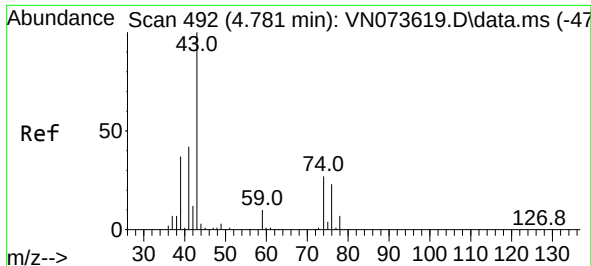
Tgt Ion: 59 Resp: 2855
Ion Ratio Lower Upper
59 100
57 4.3 8.3 12.5#



#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

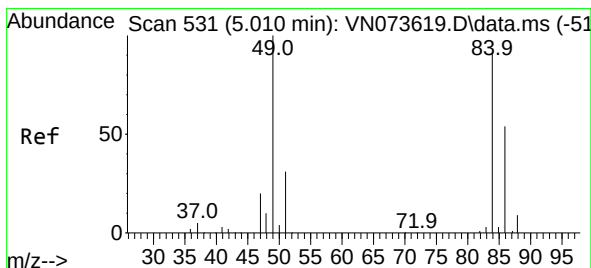
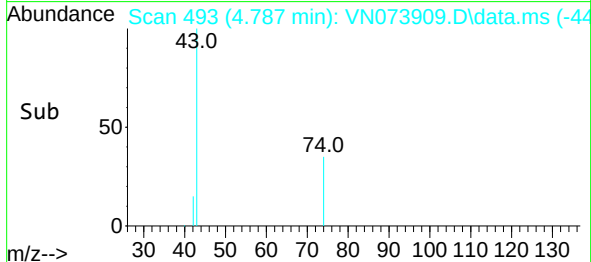
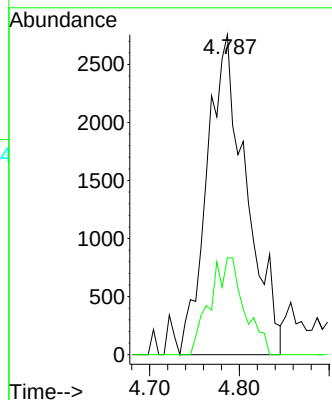
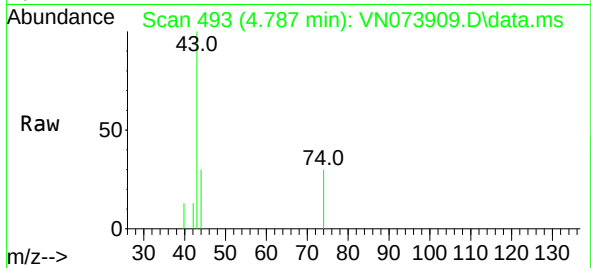




#18
Methyl Acetate
Concen: Below Cal
RT: 4.787 min Scan# 493
Delta R.T. 0.006 min
Lab File: VN073909.D
Acq: 15 Aug 2022 20:48

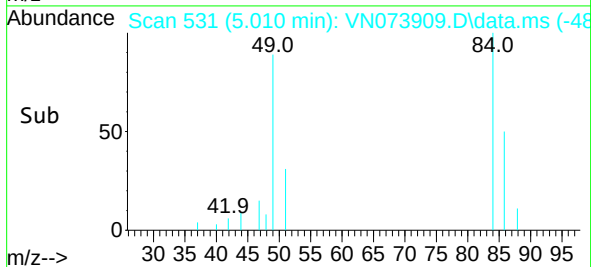
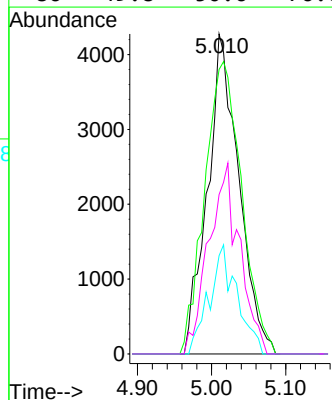
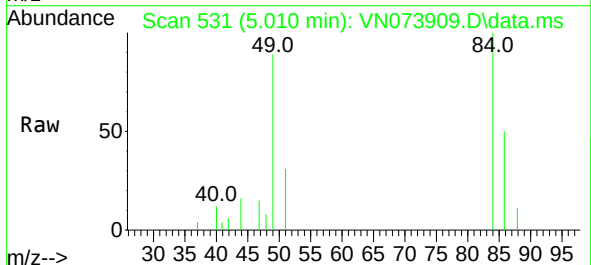
Instrument :
MSVOA_N
ClientSampleId :
SOILD-WASTE

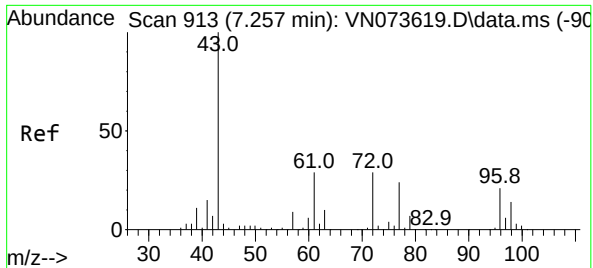
Tgt Ion: 43 Resp: 8369
Ion Ratio Lower Upper
43 100
74 26.4 21.6 32.4



#20
Methylene Chloride
Concen: 1.901 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN073909.D
Acq: 15 Aug 2022 20:48

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#

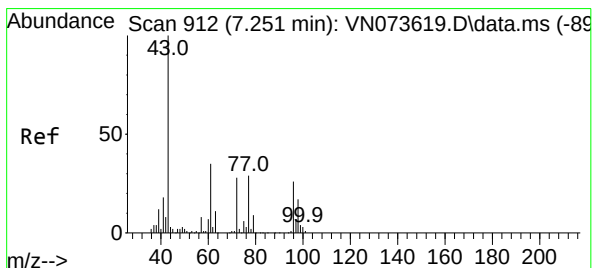
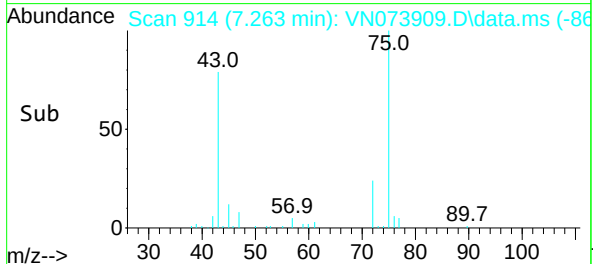
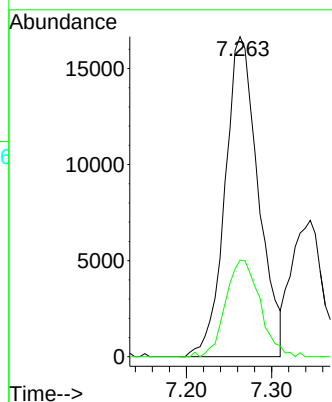
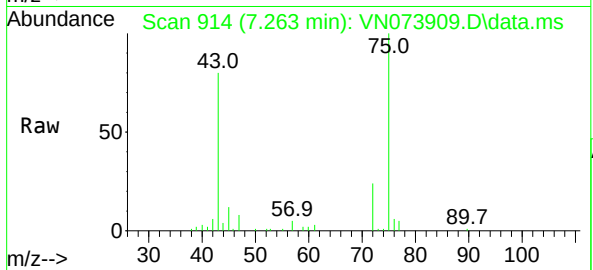




#25
2-Butanone
Concen: 9.105 ug/l
RT: 7.263 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN073909.D
Acq: 15 Aug 2022 20:48

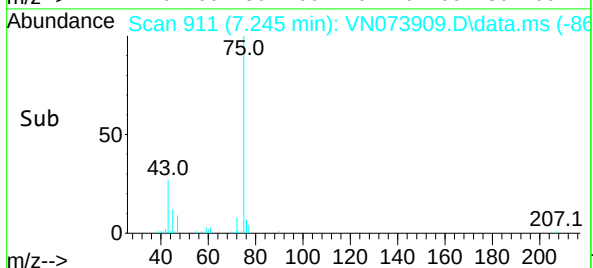
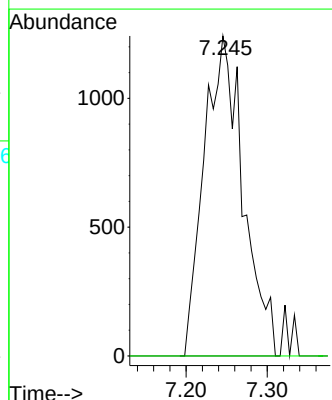
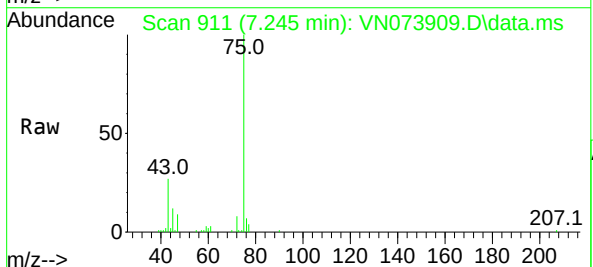
Instrument :
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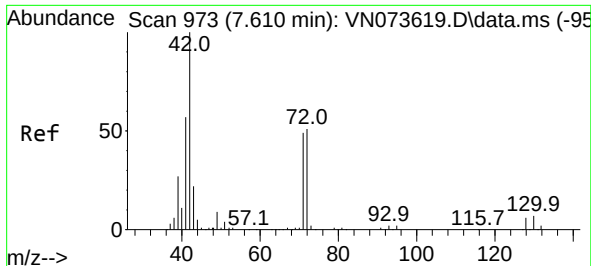
Tgt Ion: 43 Resp: 45311
Ion Ratio Lower Upper
43 100
72 30.2 23.7 35.5



#26
2,2-Dichloropropane
Concen: 0.419 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073909.D
Acq: 15 Aug 2022 20:48

Tgt Ion: 77 Resp: 4149
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#





#29

Tetrahydrofuran

Concen: 0.520 ug/l

RT: 7.616 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN073909.D

Acq: 15 Aug 2022 20:48

Instrument :

MSVOA_N

ClientSampleId :

SOILD-WASTE

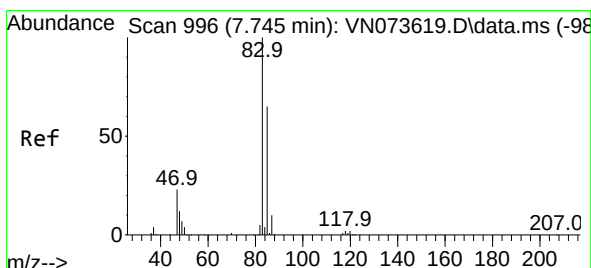
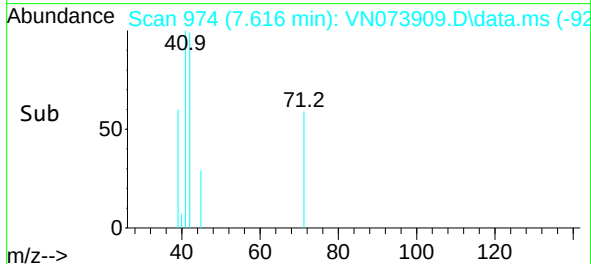
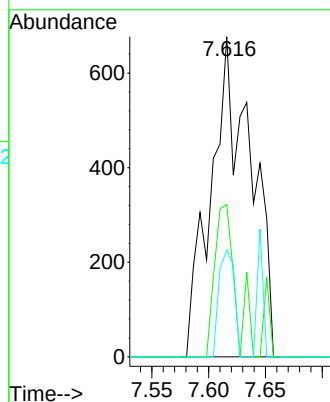
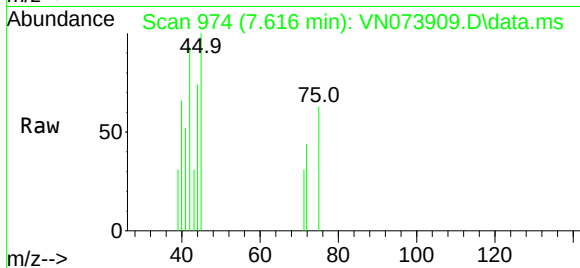
Tgt Ion: 42 Resp: 1659

Ion Ratio Lower Upper

42 100

72 24.7 39.7 59.5#

71 12.9 36.6 55.0#



#30

Chloroform

Concen: 0.581 ug/l

RT: 7.745 min Scan# 996

Delta R.T. -0.000 min

Lab File: VN073909.D

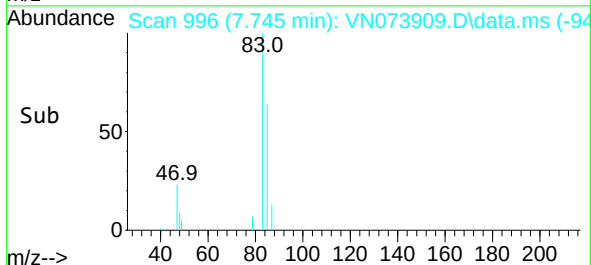
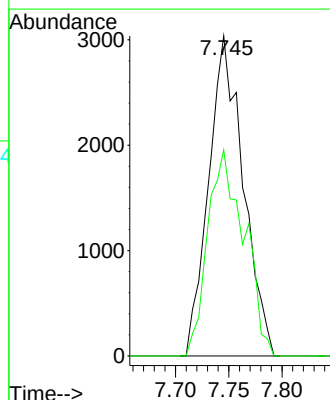
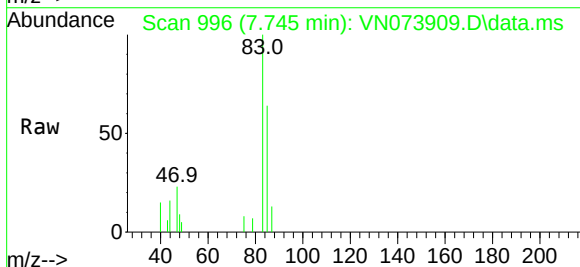
Acq: 15 Aug 2022 20:48

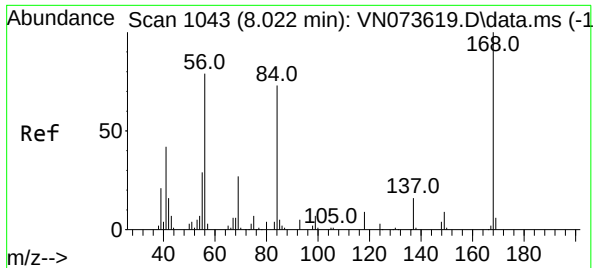
Tgt Ion: 83 Resp: 6846

Ion Ratio Lower Upper

83 100

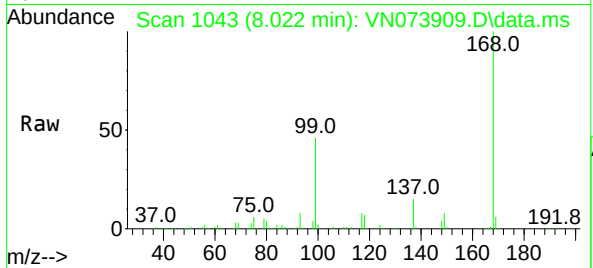
85 64.4 51.8 77.8



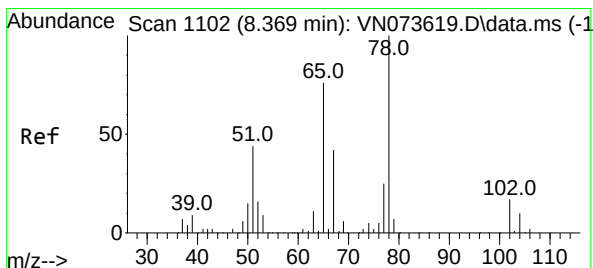
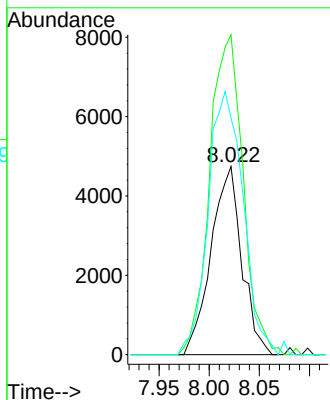
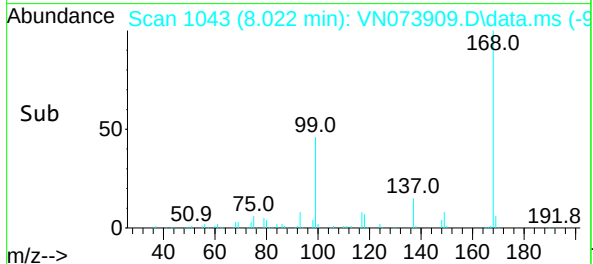


#31
Cyclohexane
Concen: 1.092 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073909.D
Acq: 15 Aug 2022 20:48

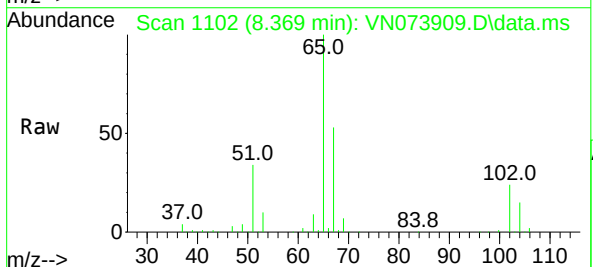
Instrument :
MSVOA_N
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SOILD-WASTE



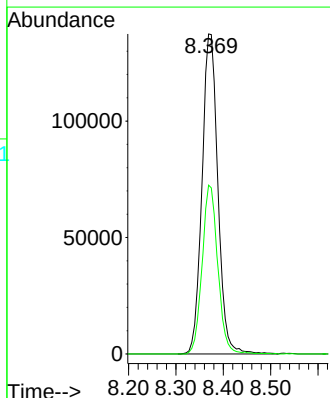
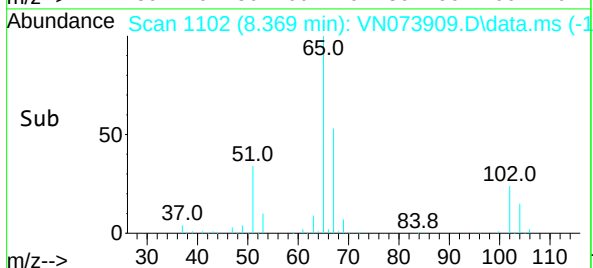
Tgt Ion: 56 Resp: 10127
Ion Ratio Lower Upper
56 100
69 170.0 27.8 41.8#
84 125.9 76.9 115.3#

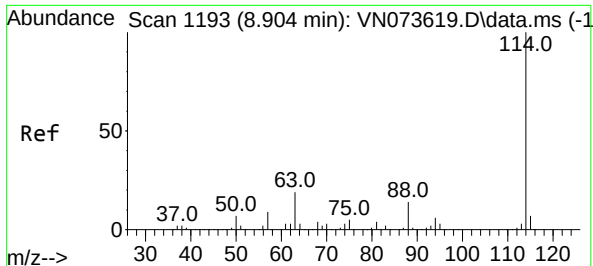


#33
1,2-Dichloroethane-d4
Concen: 48.054 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073909.D
Acq: 15 Aug 2022 20:48



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

Instrument :

MSVOA_N

ClientSampleId :

SOILD-WASTE

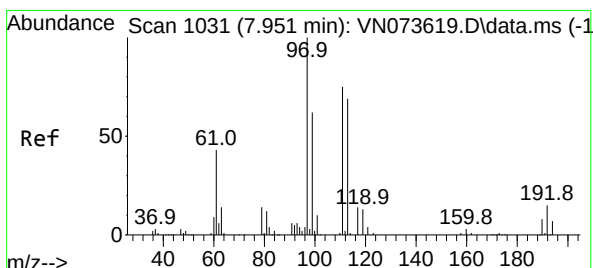
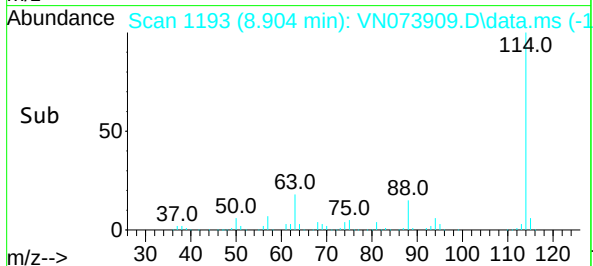
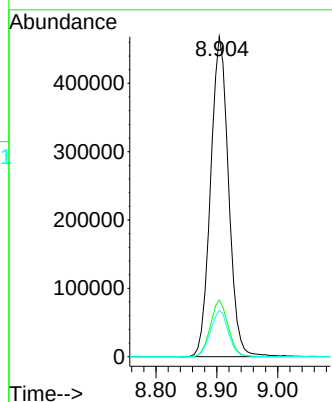
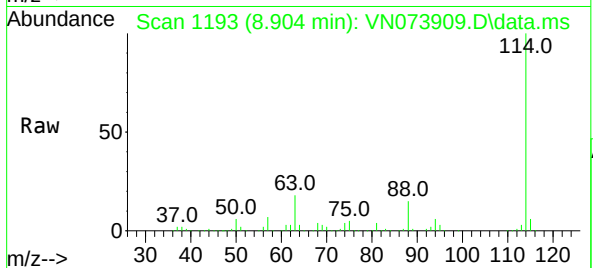
Tgt Ion:114 Resp: 959518

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

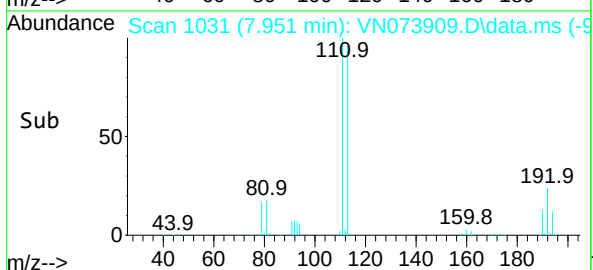
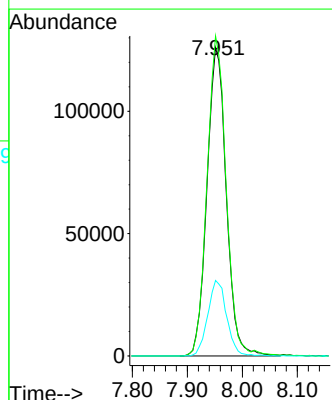
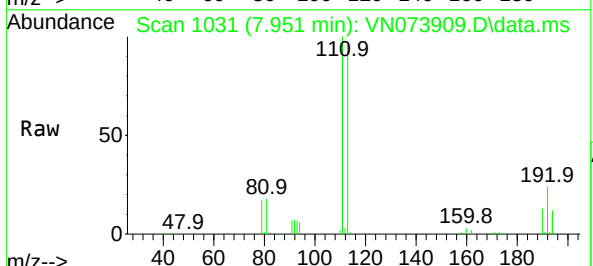
Tgt Ion:113 Resp: 307642

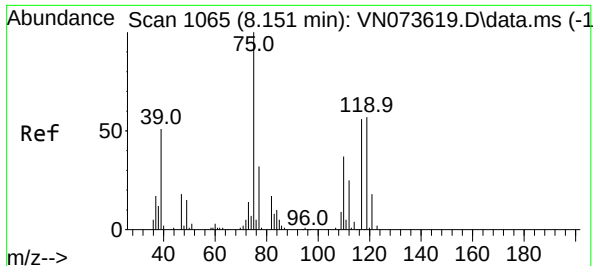
Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

192 23.9 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.263 ug/l

RT: 8.022 min Scan# 1

Delta R.T. -0.129 min

Lab File: VN073909.D

Acq: 15 Aug 2022 20:48

Instrument :

MSVOA_N

ClientSampleId :

SOILD-WASTE

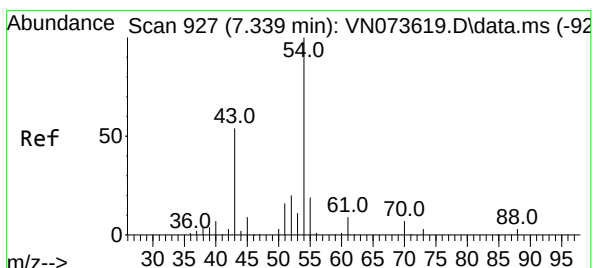
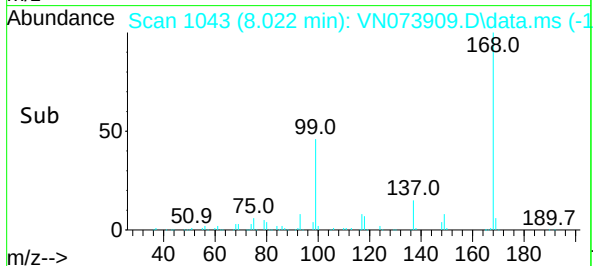
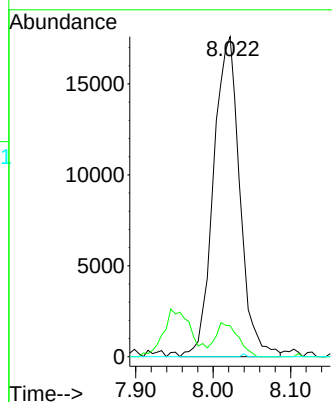
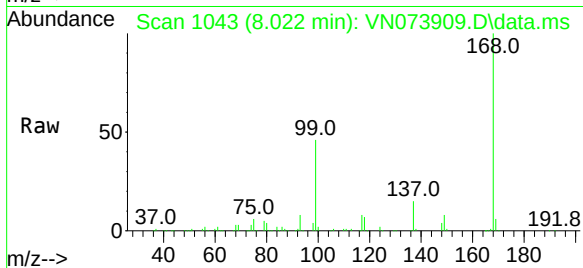
Tgt Ion: 75 Resp: 41480

Ion Ratio Lower Upper

75 100

110 9.1 18.3 54.8#

77 0.0 25.1 37.7#



#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

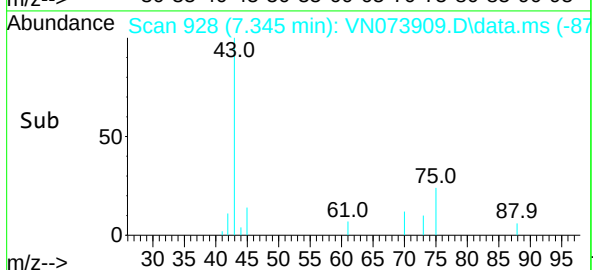
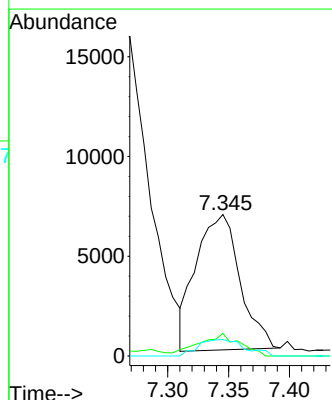
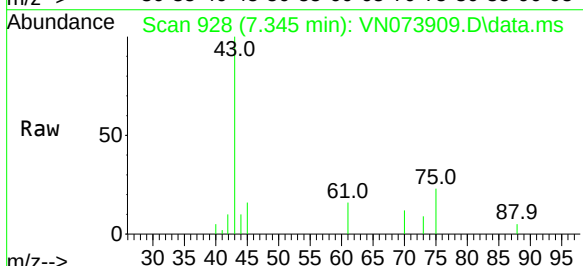
Tgt Ion: 43 Resp: 17068

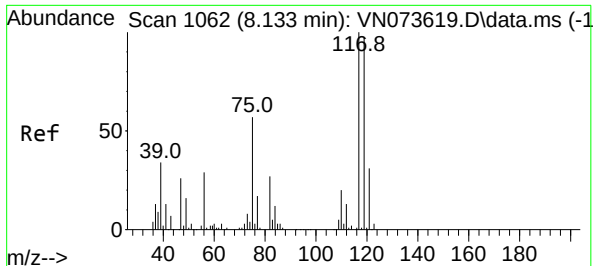
Ion Ratio Lower Upper

43 100

61 15.2 11.8 17.6

70 12.7 9.3 13.9

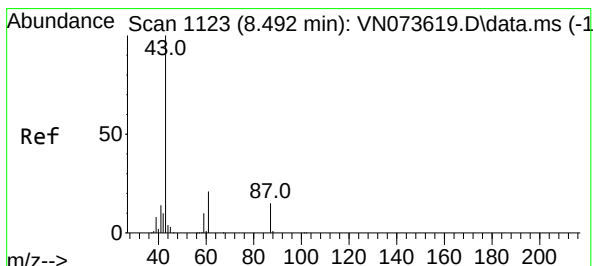
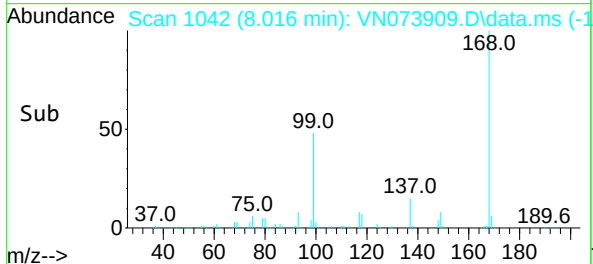
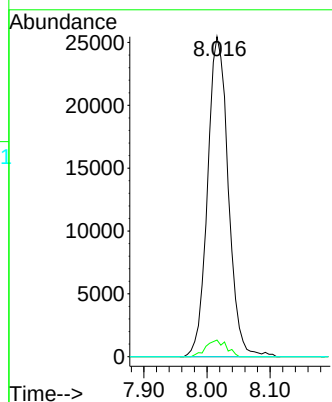
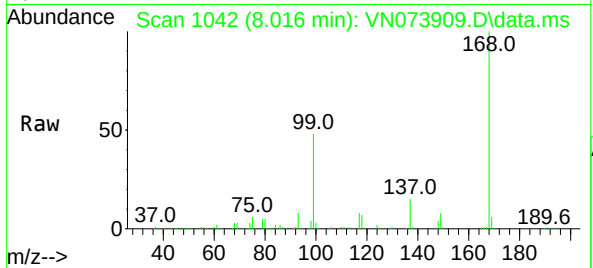




#38
Carbon Tetrachloride
Concen: 6.441 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073909.D
Acq: 15 Aug 2022 20:48

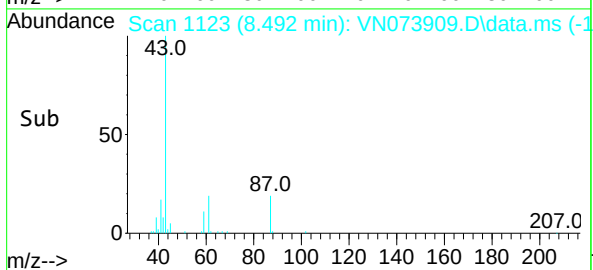
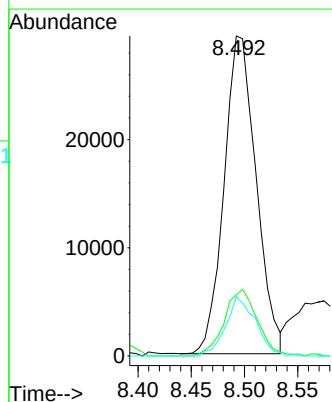
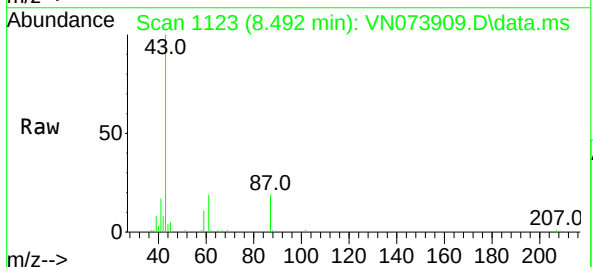
Instrument :
MSVOA_N
ClientSampleId :
SOILD-WASTE

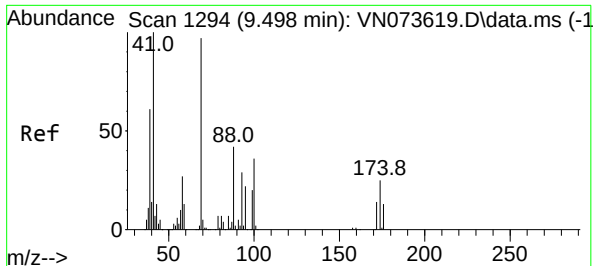
Tgt Ion:117 Resp: 58023
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.8#
121 0.0 24.6 37.0#



#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

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

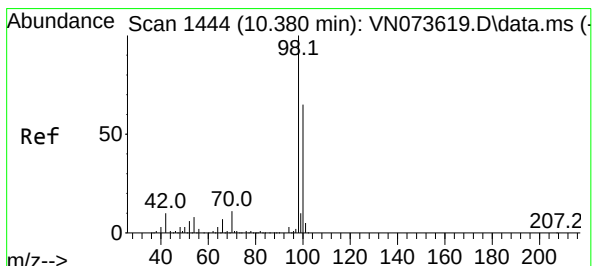
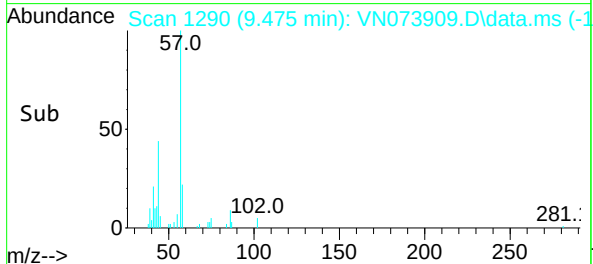
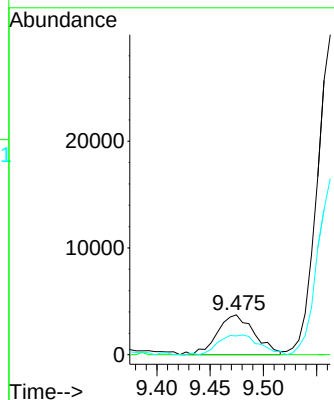
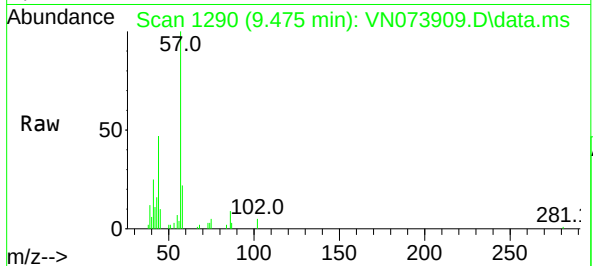




#48
Methyl methacrylate
Concen: 1.552 ug/l
RT: 9.475 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN073909.D
Acq: 15 Aug 2022 20:48

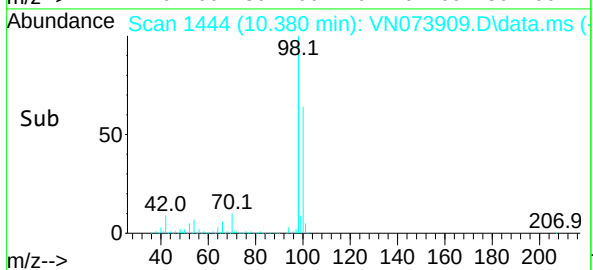
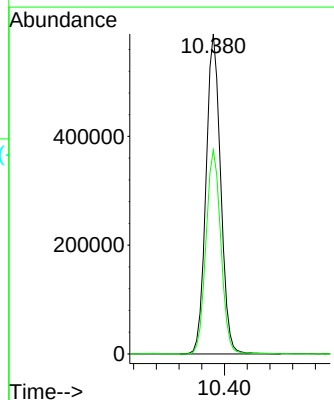
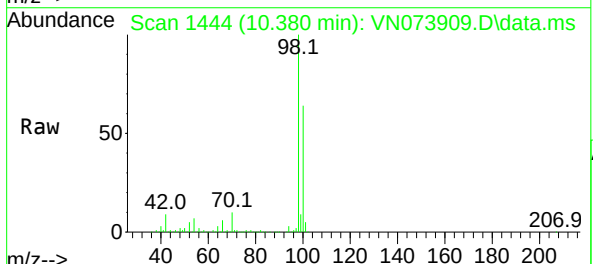
Instrument :
MSVOA_N
ClientSampleId :
SOILD-WASTE

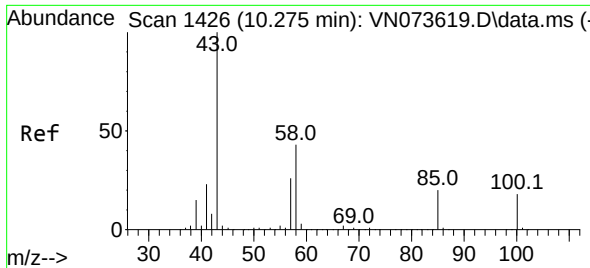
Tgt Ion: 41 Resp: 9031
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 54.2 45.6 68.4



#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

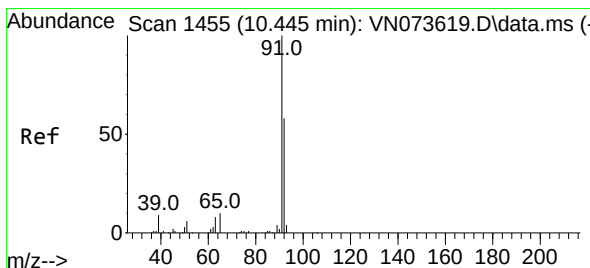
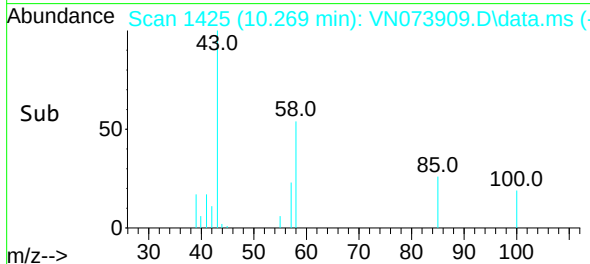
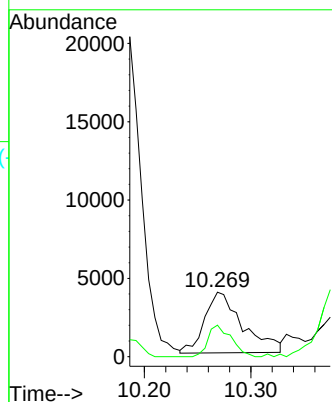
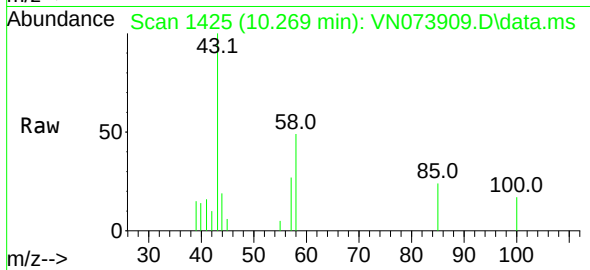




#51
4-Methyl-2-Pentanone
Concen: 1.050 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN073909.D
Acq: 15 Aug 2022 20:48

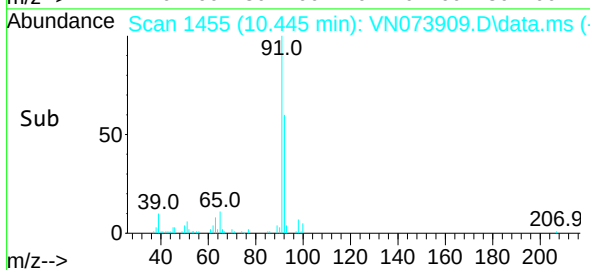
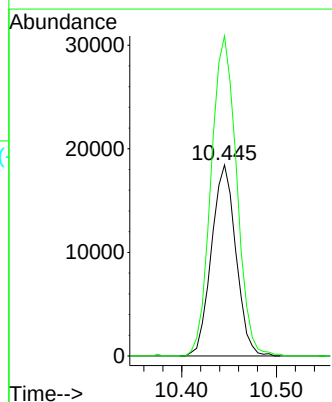
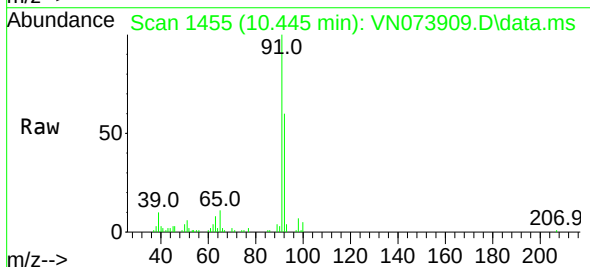
Instrument :
MSVOA_N
ClientSampleId :
SOILD-WASTE

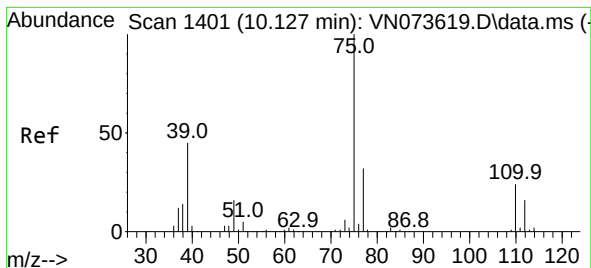
Tgt Ion: 43 Resp: 9654
Ion Ratio Lower Upper
43 100
58 31.5 34.1 51.1#



#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

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

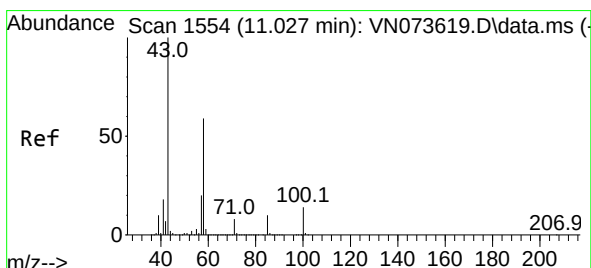
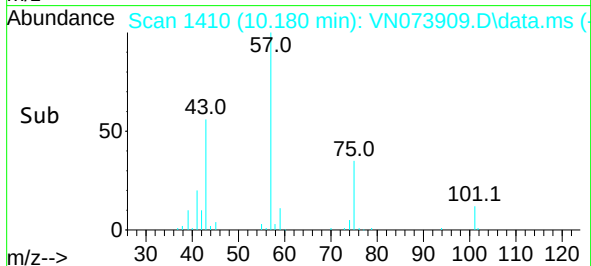
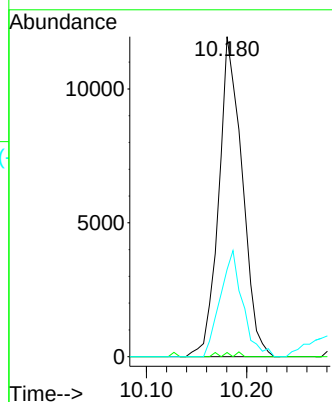
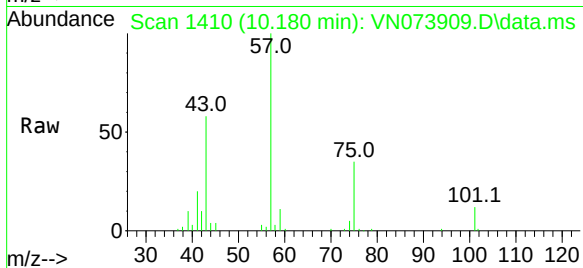




#54
 cis-1,3-Dichloropropene
 Concen: 1.947 ug/l
 RT: 10.180 min Scan# 1401
 Delta R.T. 0.053 min
 Lab File: VN073909.D
 Acq: 15 Aug 2022 20:48

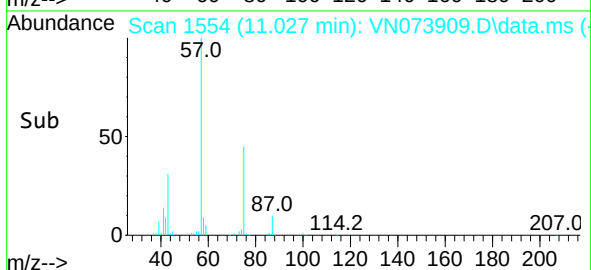
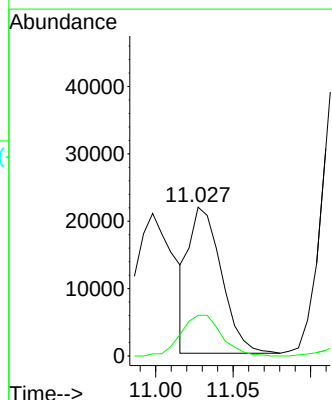
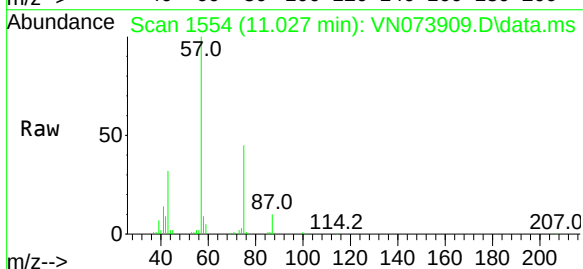
Instrument :
 MSVOA_N
 ClientSampleId :
 SOILD-WASTE

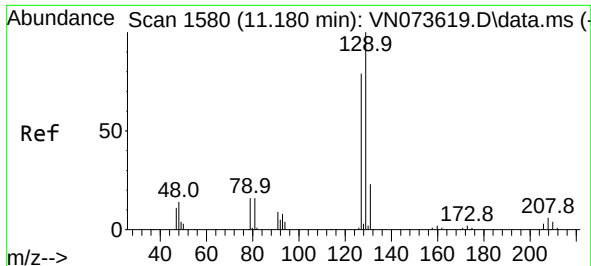
Tgt Ion: 75 Resp: 19364
 Ion Ratio Lower Upper
 75 100
 77 1.3 25.2 37.8#
 39 27.2 35.7 53.5#



#59
 2-Hexanone
 Concen: 4.484 ug/l
 RT: 11.027 min Scan# 1554
 Delta R.T. 0.000 min
 Lab File: VN073909.D
 Acq: 15 Aug 2022 20:48

Tgt Ion: 43 Resp: 31734
 Ion Ratio Lower Upper
 43 100
 58 34.7 29.7 89.1

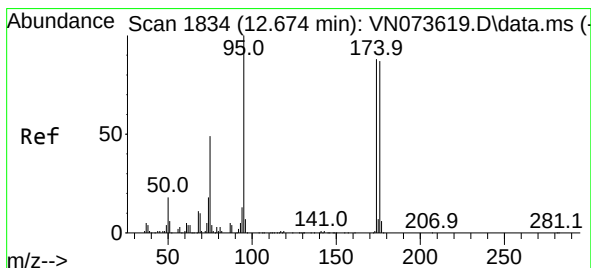
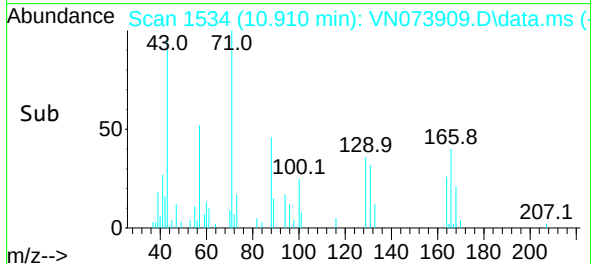
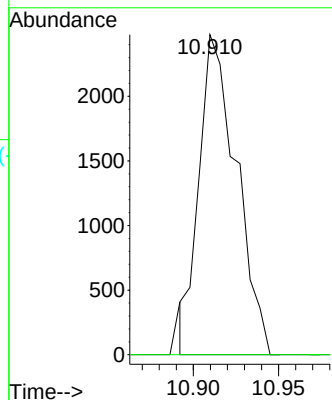
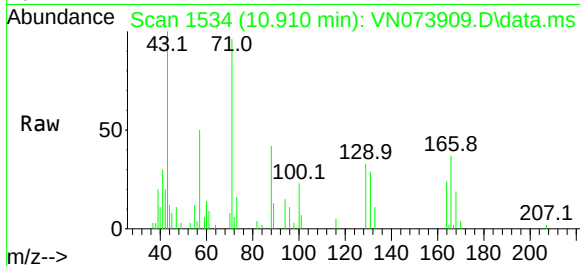




#60
Dibromochloromethane
Concen: 0.513 ug/l
RT: 10.910 min Scan# 111
Delta R.T. -0.271 min
Lab File: VN073909.D
Acq: 15 Aug 2022 20:48

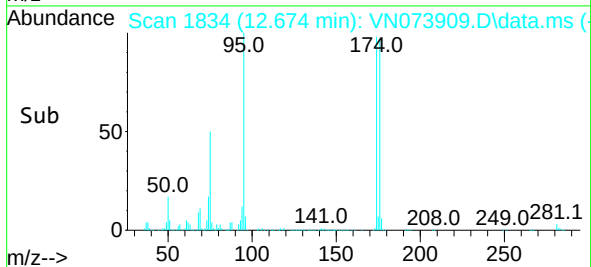
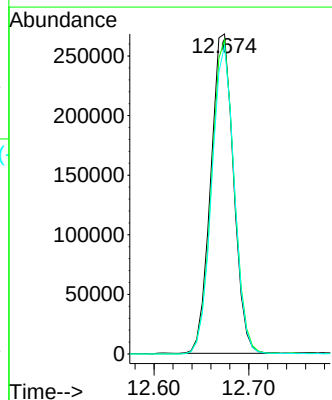
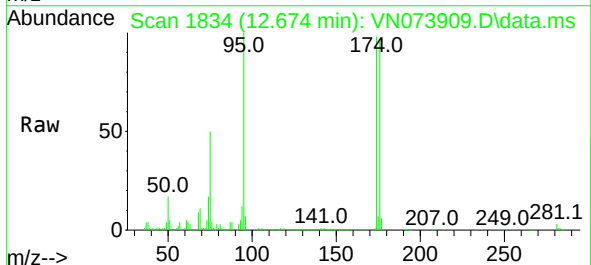
Instrument :
MSVOA_N
ClientSampleId :
SOILD-WASTE

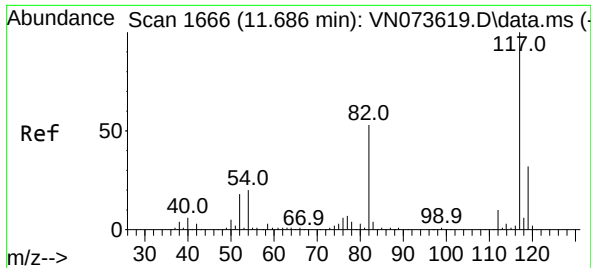
Tgt Ion:129 Resp: 3766
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#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

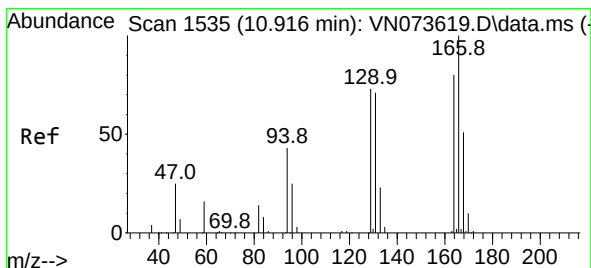
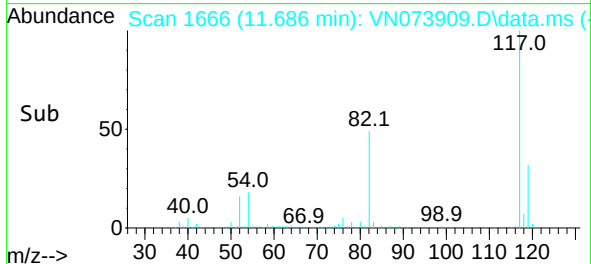
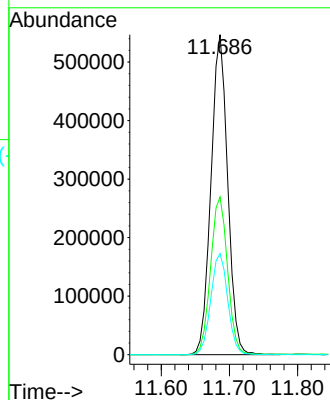
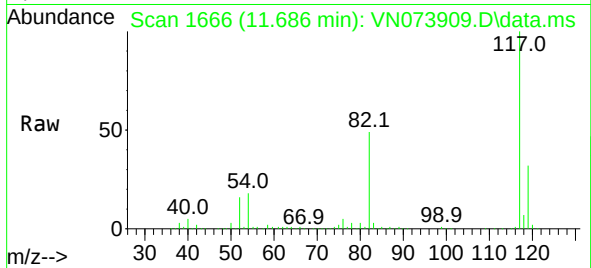




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN073909.D
Acq: 15 Aug 2022 20:48

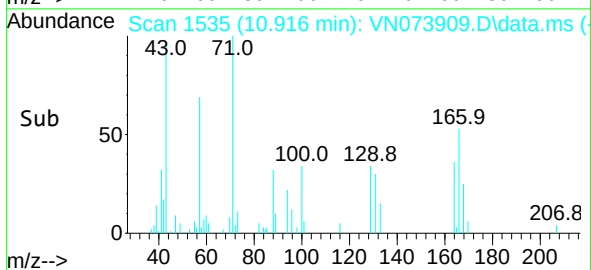
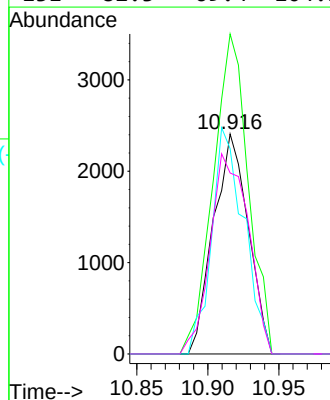
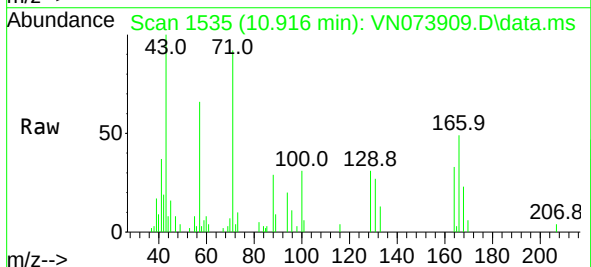
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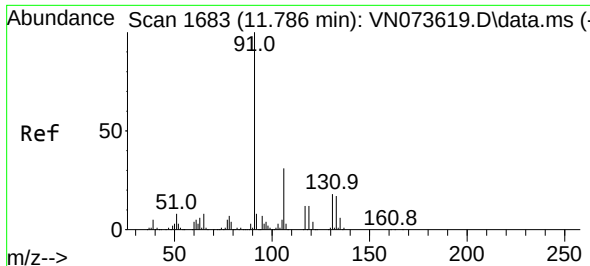
Tgt Ion:117 Resp: 931547
Ion Ratio Lower Upper
117 100
82 49.3 44.2 66.2
119 31.6 25.4 38.0



#64
Tetrachloroethene
Concen: 0.558 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN073909.D
Acq: 15 Aug 2022 20:48

Tgt Ion:164 Resp: 4102
Ion Ratio Lower Upper
164 100
166 145.5 104.2 156.2
129 93.4 73.9 110.9
131 82.3 69.4 104.2

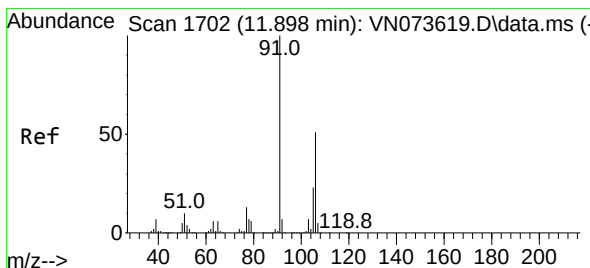
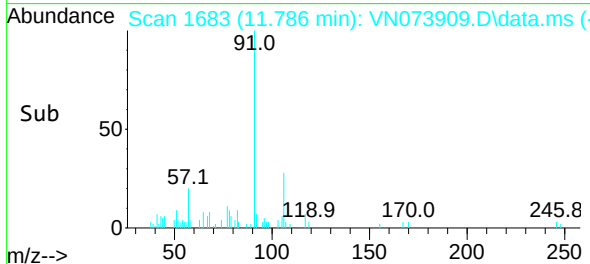
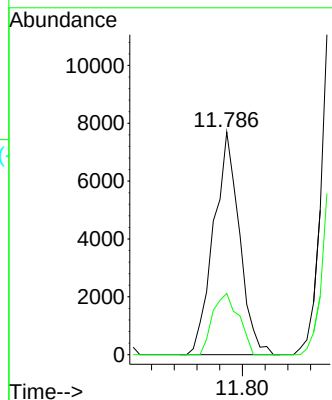
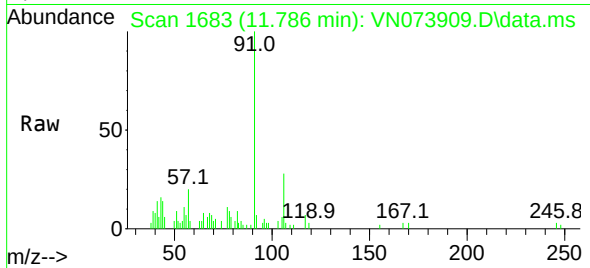




#67
Ethyl Benzene
Concen: 0.369 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VN073909.D
Acq: 15 Aug 2022 20:48

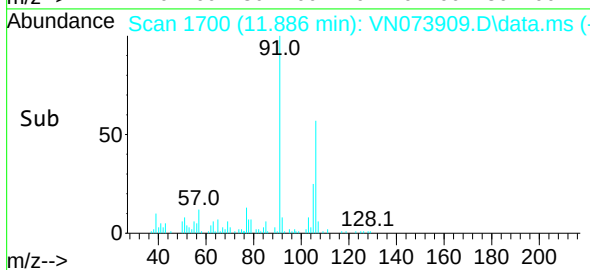
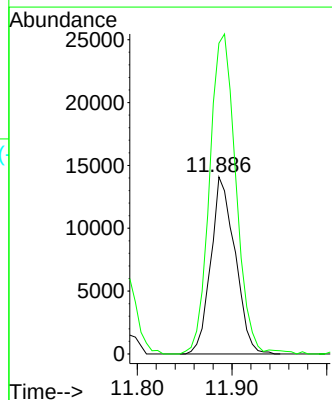
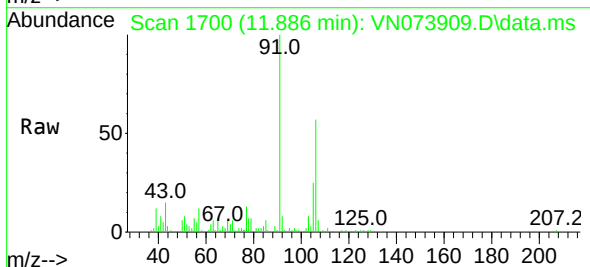
Instrument :
MSVOA_N
ClientSampleId :
SOILD-WASTE

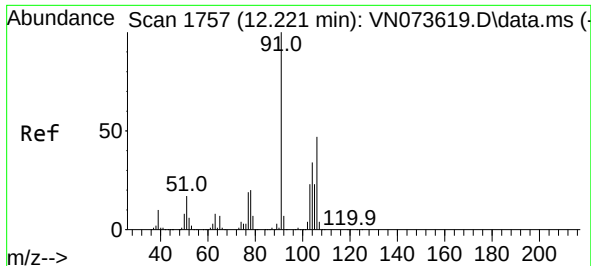
Tgt Ion: 91 Resp: 12149
Ion Ratio Lower Upper
91 100
106 27.5 24.9 37.3



#68
m/p-Xylenes
Concen: 1.867 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. -0.012 min
Lab File: VN073909.D
Acq: 15 Aug 2022 20:48

Tgt Ion: 106 Resp: 24974
Ion Ratio Lower Upper
106 100
91 196.8 158.9 238.3

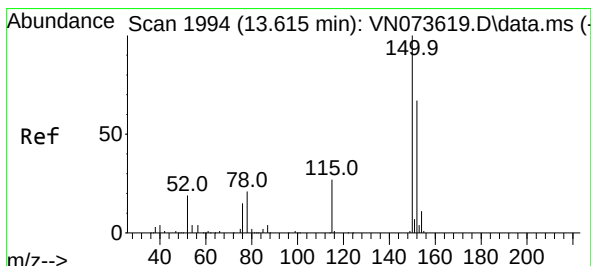
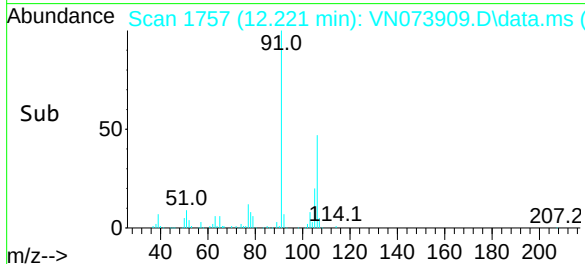
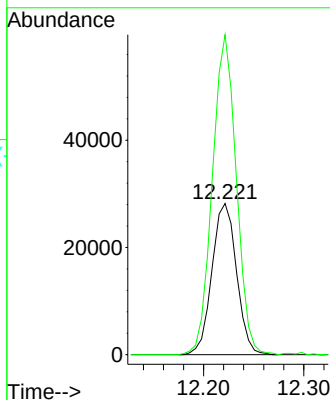
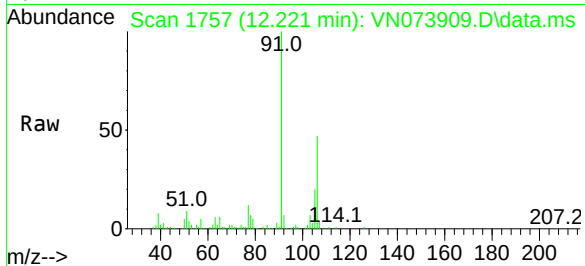




#69
o-Xylene
Concen: 3.580 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VN073909.D
Acq: 15 Aug 2022 20:48

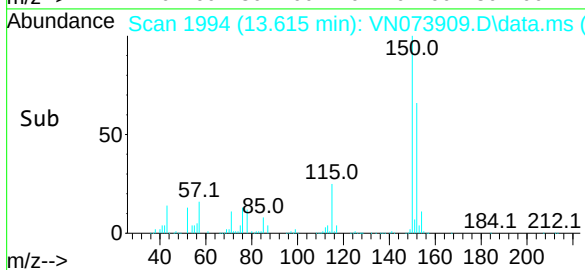
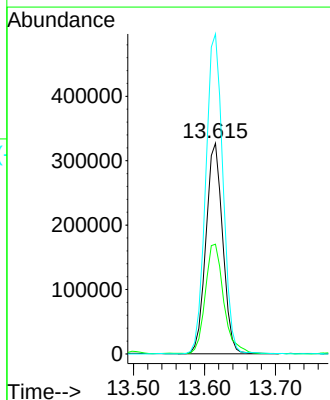
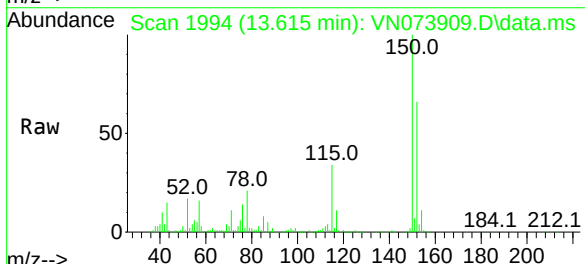
Instrument :
MSVOA_N
ClientSampleId :
SOILD-WASTE

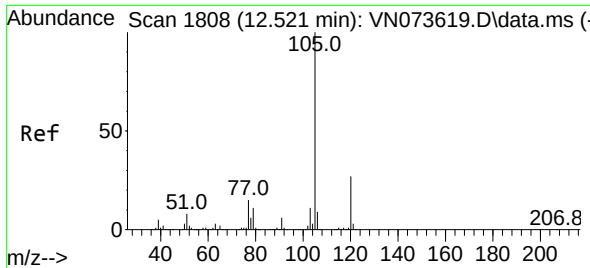
Tgt Ion:106 Resp: 48022
Ion Ratio Lower Upper
106 100
91 205.9 106.0 318.0



#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

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

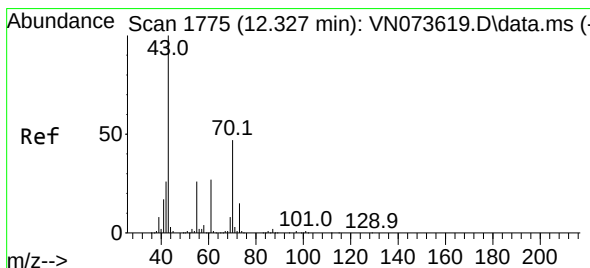
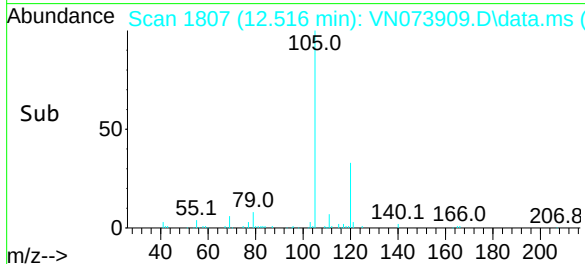
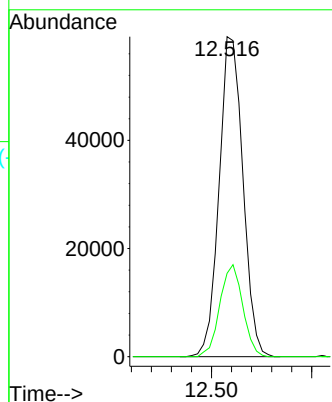
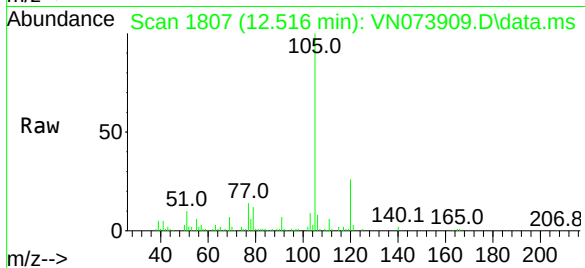




#73
Isopropylbenzene
Concen: 2.487 ug/l
RT: 12.516 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073909.D
Acq: 15 Aug 2022 20:48

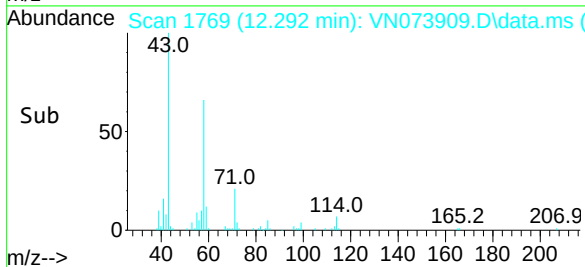
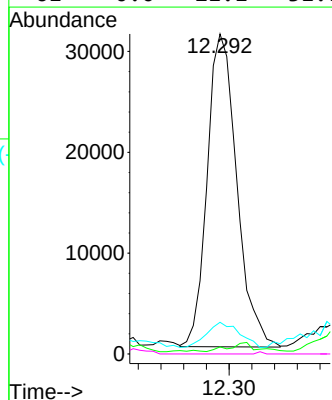
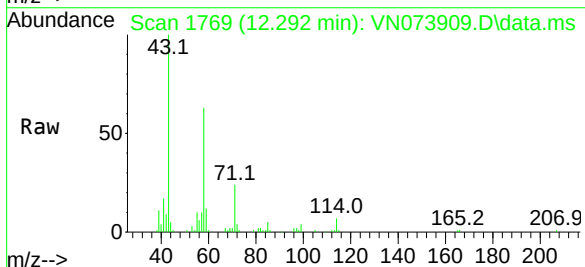
Instrument :
MSVOA_N
ClientSampleId :
SOILD-WASTE

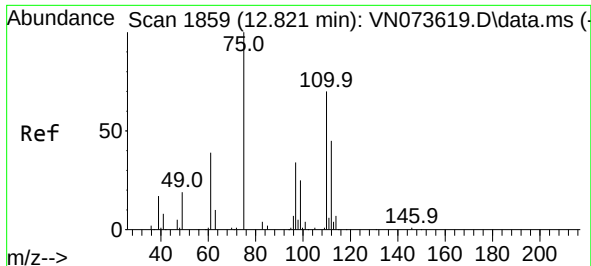
Tgt Ion:105 Resp: 97373
Ion Ratio Lower Upper
105 100
120 27.7 13.5 40.4



#74
N-ethyl acetate
Concen: 3.791 ug/l
RT: 12.292 min Scan# 1769
Delta R.T. -0.035 min
Lab File: VN073909.D
Acq: 15 Aug 2022 20:48

Tgt Ion: 43 Resp: 56123
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.4#
55 8.9 21.1 31.7#
61 0.0 21.1 31.7#

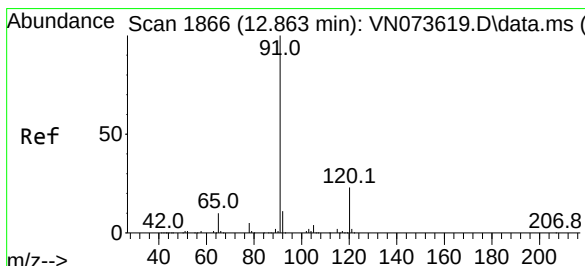
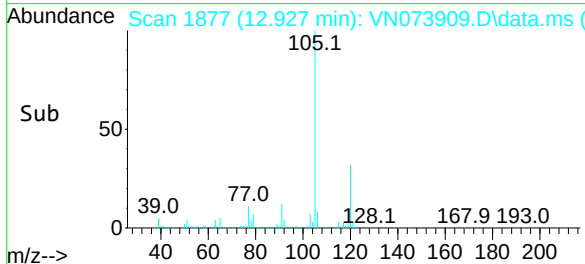
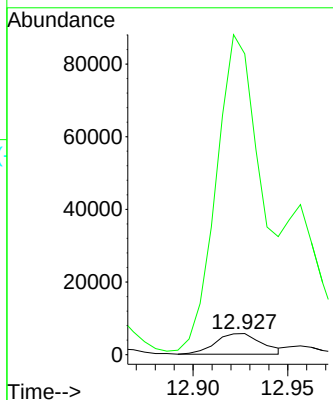
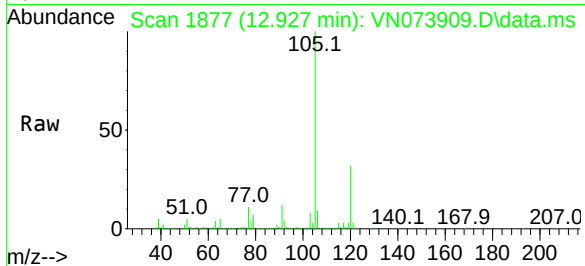




#76
1,2,3-Trichloropropane
Concen: 0.608 ug/l
RT: 12.927 min Scan# 1877
Delta R.T. 0.106 min
Lab File: VN073909.D
Acq: 15 Aug 2022 20:48

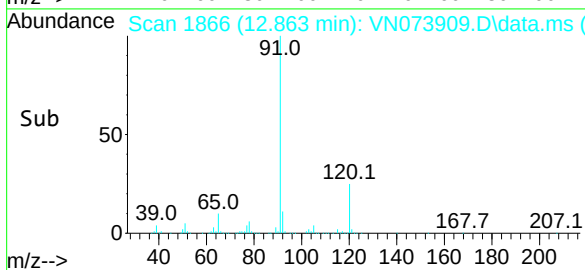
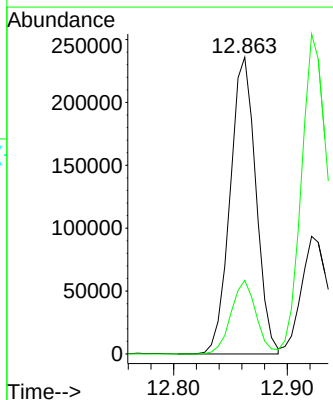
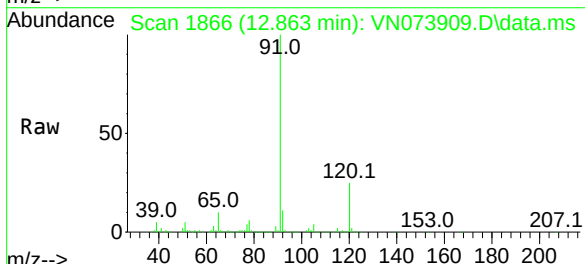
Instrument :
MSVOA_N
ClientSampleId :
SOILD-WASTE

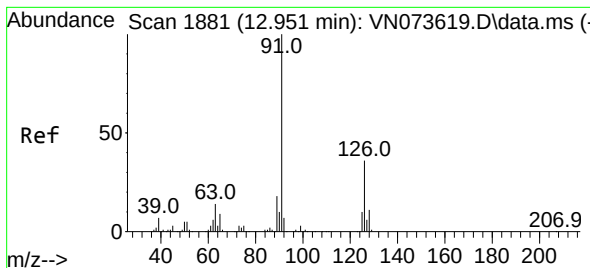
Tgt Ion: 75 Resp: 9654
Ion Ratio Lower Upper
75 100
77 1484.0 98.5 295.5#



#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

Tgt Ion: 91 Resp: 371630
Ion Ratio Lower Upper
91 100
120 24.1 11.9 35.5





#79

2-Chlorotoluene

Concen: 5.512 ug/l

RT: 12.921 min Scan# 1876

Delta R.T. -0.029 min

Lab File: VN073909.D

Acq: 15 Aug 2022 20:48

Instrument :

MSVOA_N

ClientSampleId :

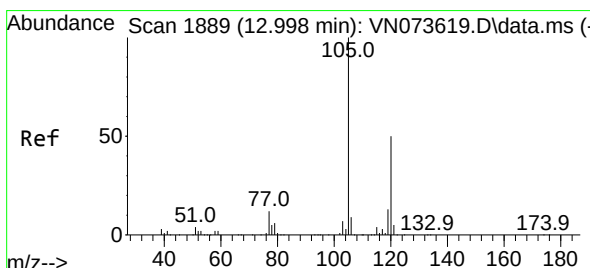
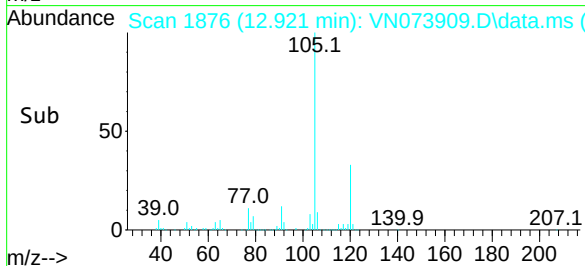
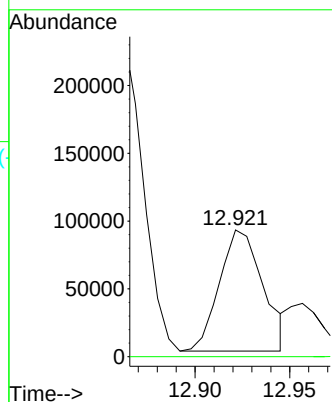
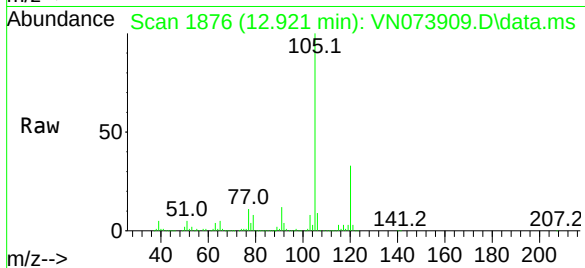
SOILD-WASTE

Tgt Ion: 91 Resp: 143377

Ion Ratio Lower Upper

91 100

126 0.0 17.3 51.9#



#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

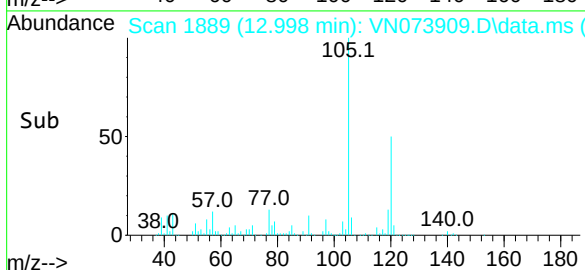
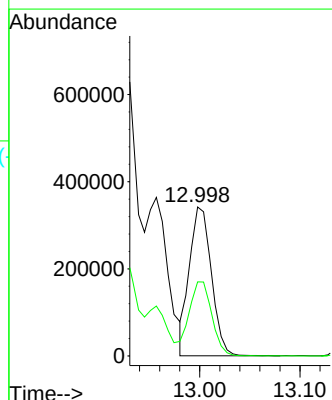
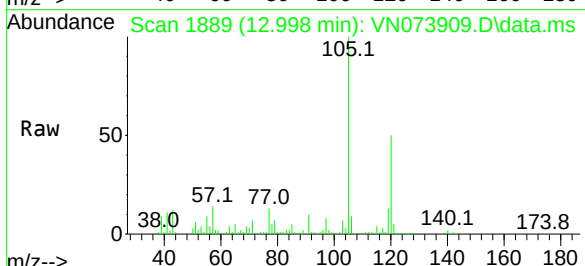
Acq: 15 Aug 2022 20:48

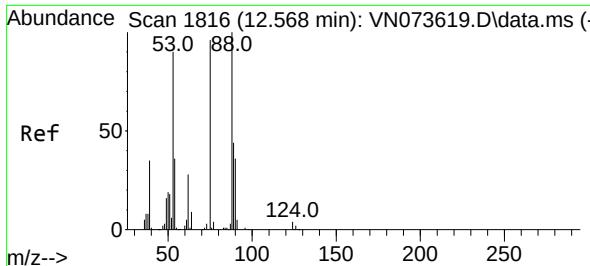
Tgt Ion:105 Resp: 519623

Ion Ratio Lower Upper

105 100

120 52.8 24.9 74.7

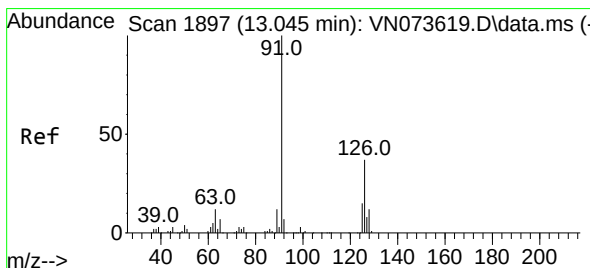
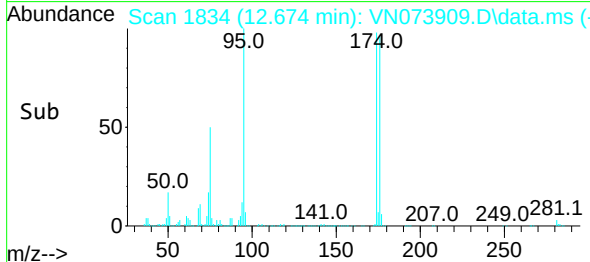
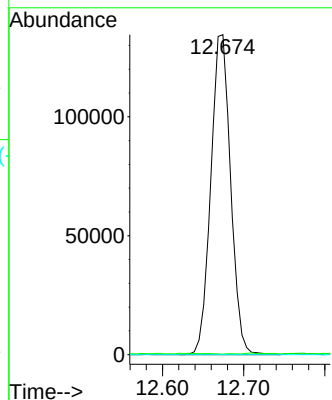
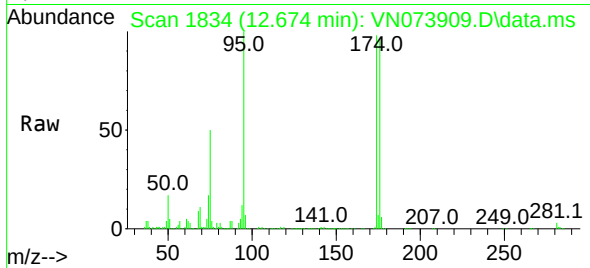




#81
trans-1,4-Dichloro-2-butene
Concen: 57.999 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN073909.D
Acq: 15 Aug 2022 20:48

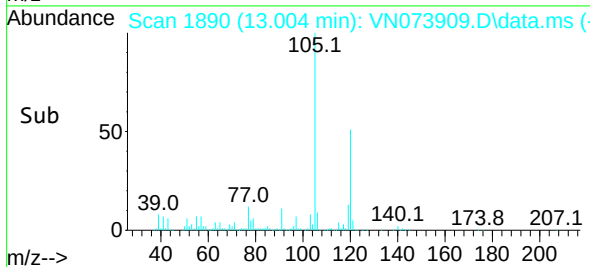
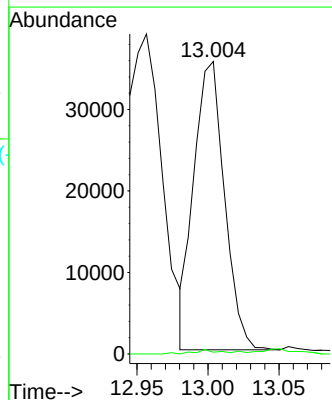
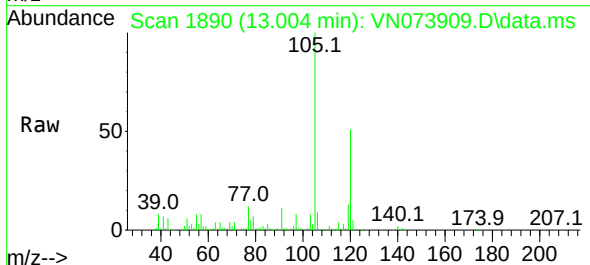
Instrument :
MSVOA_N
ClientSampleId :
SOILD-WASTE

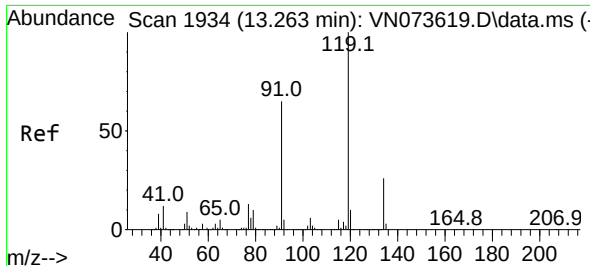
Tgt Ion: 75 Resp: 227919
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#



#82
4-Chlorotoluene
Concen: 2.142 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. -0.041 min
Lab File: VN073909.D
Acq: 15 Aug 2022 20:48

Tgt Ion: 91 Resp: 52913
Ion Ratio Lower Upper
91 100
126 1.2 17.2 51.6#

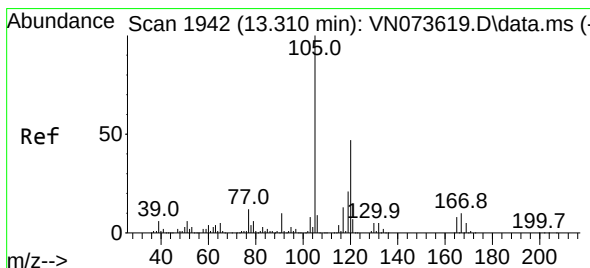
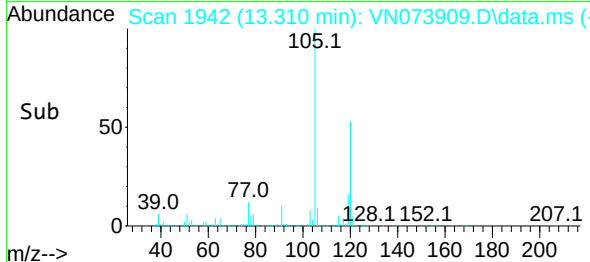
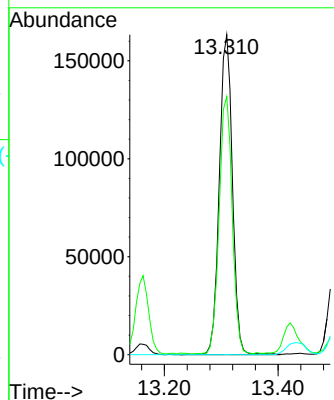
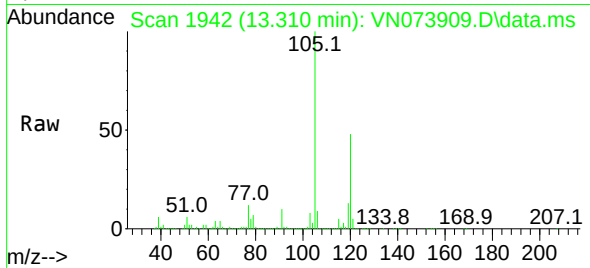




#83
tert-Butylbenzene
Concen: 8.919 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.047 min
Lab File: VN073909.D
Acq: 15 Aug 2022 20:48

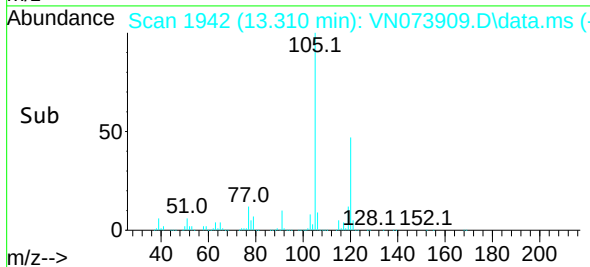
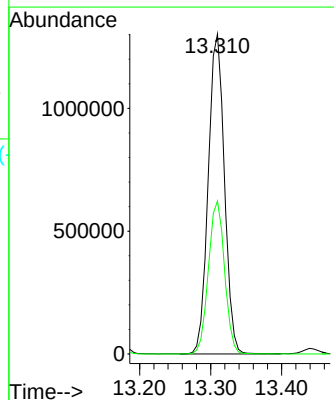
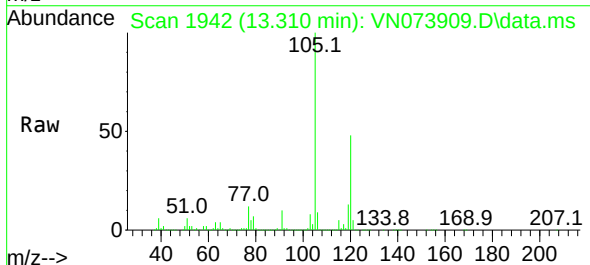
Instrument :
MSVOA_N
ClientSampleId :
SOILD-WASTE

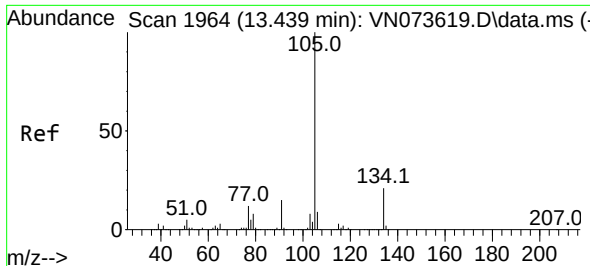
Tgt Ion:119 Resp: 261396
Ion Ratio Lower Upper
119 100
91 80.5 31.6 94.8
134 0.0 13.7 41.1#



#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

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

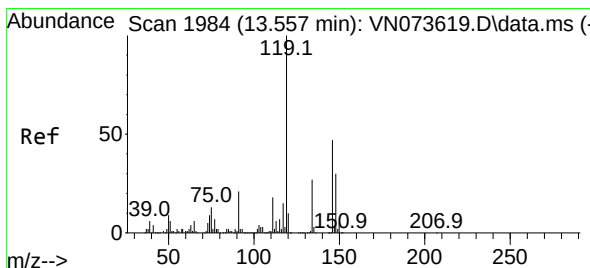
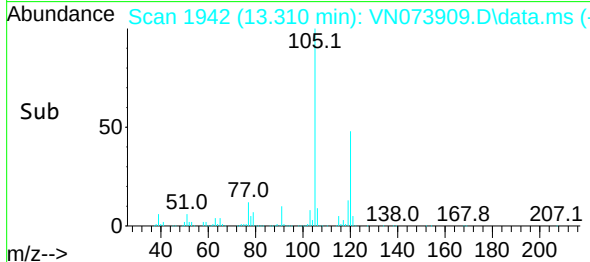
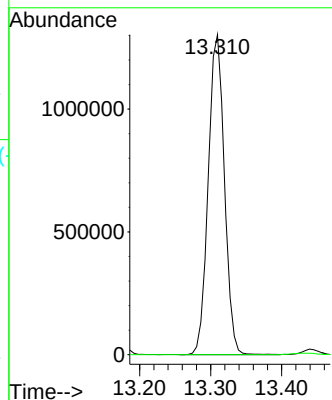
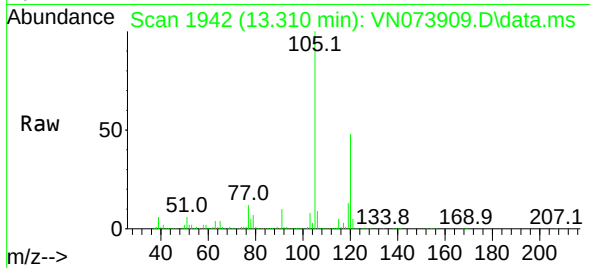




#85
 sec-Butylbenzene
 Concen: 54.231 ug/l
 RT: 13.310 min Scan# 1942
 Delta R.T. -0.129 min
 Lab File: VN073909.D
 Acq: 15 Aug 2022 20:48

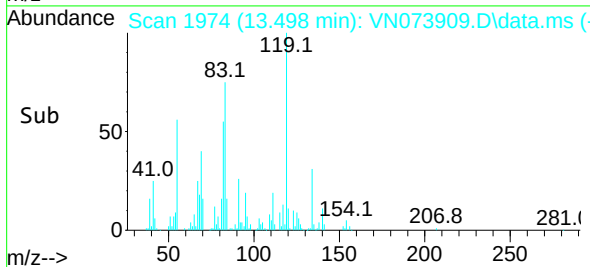
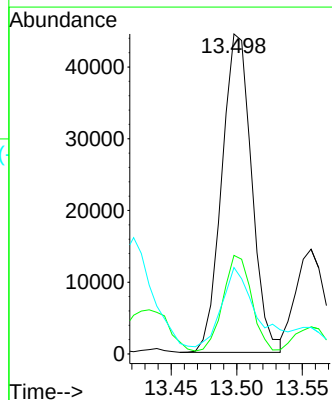
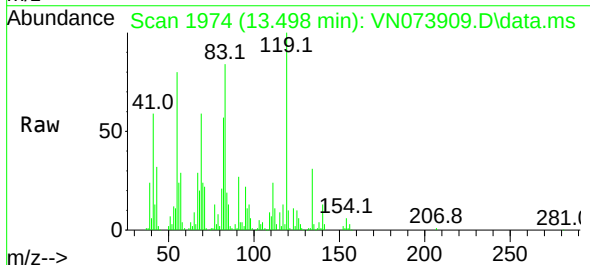
Instrument :
 MSVOA_N
 ClientSampleId :
 SOILD-WASTE

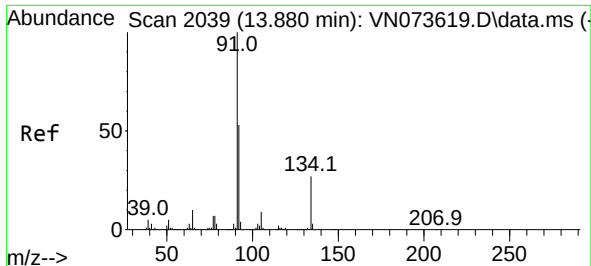
Tgt Ion:105 Resp: 2060263
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 2.178 ug/l
 RT: 13.498 min Scan# 1974
 Delta R.T. -0.059 min
 Lab File: VN073909.D
 Acq: 15 Aug 2022 20:48

Tgt Ion:119 Resp: 70495
 Ion Ratio Lower Upper
 119 100
 134 30.2 13.3 39.8
 91 28.1 11.3 33.9

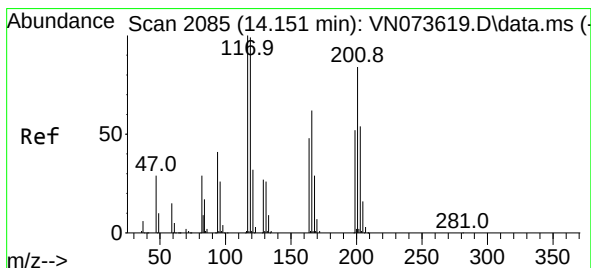
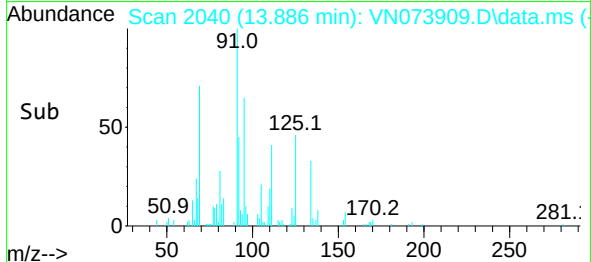
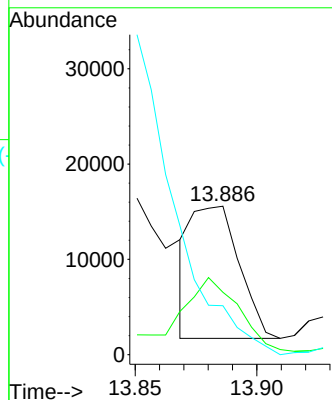
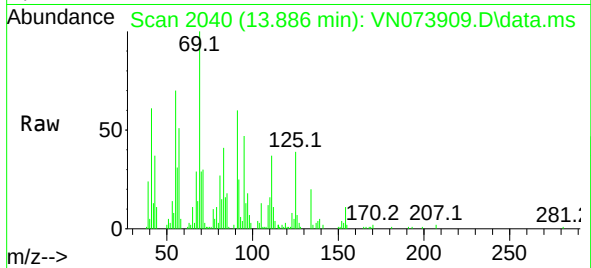




#89
n-Butylbenzene
Concen: 0.745 ug/l
RT: 13.886 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN073909.D
Acq: 15 Aug 2022 20:48

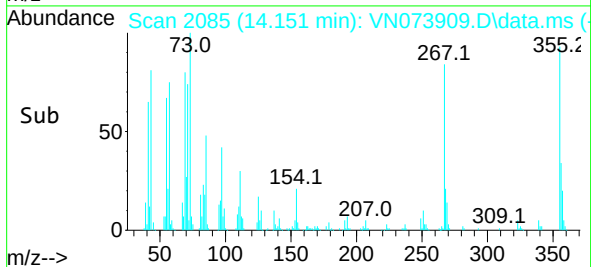
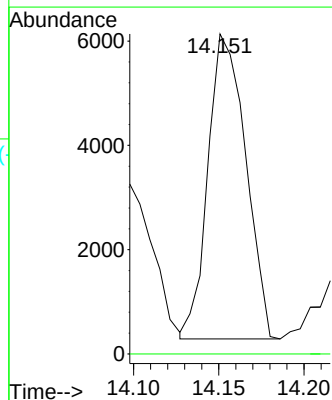
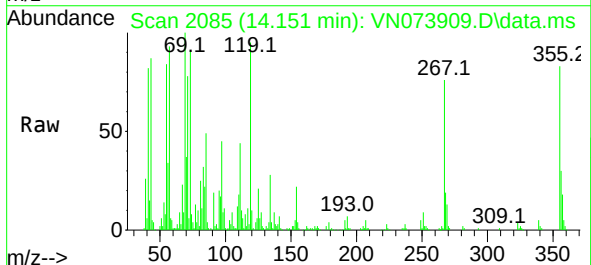
Instrument :
MSVOA_N
ClientSampleId :
SOILD-WASTE

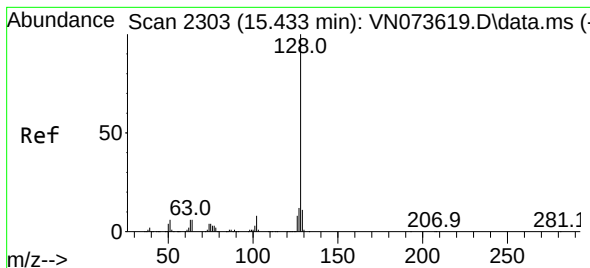
Tgt Ion: 91 Resp: 19095
Ion Ratio Lower Upper
91 100
92 78.2 26.9 80.7
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 1.524 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. -0.000 min
Lab File: VN073909.D
Acq: 15 Aug 2022 20:48

Tgt Ion: 117 Resp: 9013
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#





#95

Naphthalene

Concen: 0.606 ug/l

RT: 15.433 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN073909.D

Acq: 15 Aug 2022 20:48

Instrument :

MSVOA_N

ClientSampleId :

SOILD-WASTE

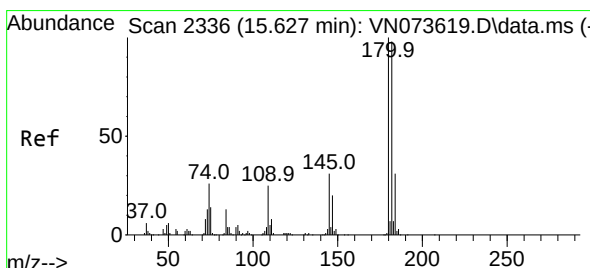
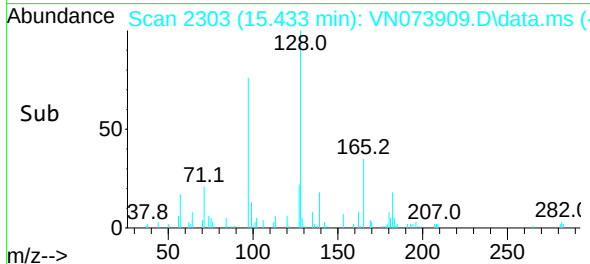
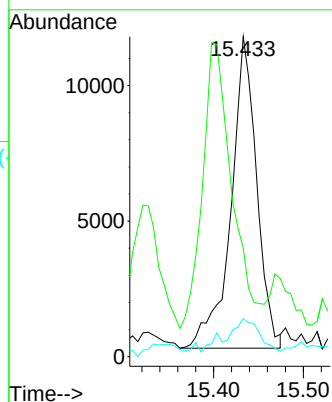
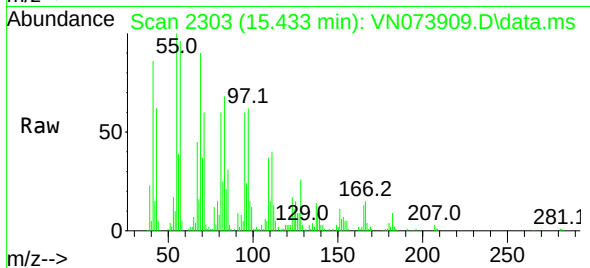
Tgt Ion:128 Resp: 22841

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 10.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 1.087 ug/l

RT: 15.715 min Scan# 2351

Delta R.T. 0.088 min

Lab File: VN073909.D

Acq: 15 Aug 2022 20:48

Tgt Ion:180 Resp: 12975

Ion Ratio Lower Upper

180 100

182 92.2 47.8 143.3

145 18.5 15.5 46.5

