

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032723\
 Data File : VN077223.D
 Acq On : 28 Mar 2023 00:18
 Operator : JC\MD
 Sample : 02084-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WASTE-DRUM-SOIL

Quant Time: Mar 28 07:48:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032523W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 27 02:47:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	426526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	763698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	691643	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	263495	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	322936	48.424	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.840%
35) Dibromofluoromethane	8.172	113	243035	46.899	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.800%
50) Toluene-d8	10.572	98	949974	48.924	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.840%
62) 4-Bromofluorobenzene	12.854	95	288140	45.215	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.420%

Target Compounds					Qvalue	
11) Tert butyl alcohol	5.525	59	339	0.373	ug/l #	72
13) Acrolein	4.443	56	1457	1.143	ug/l #	73
15) Acrylonitrile	5.819	53	1316	0.464	ug/l #	27
16) Acetone	4.443	43	86281	34.796	ug/l	95
18) Methyl Acetate	5.049	43	10823	1.091	ug/l #	71
20) Methylene Chloride	5.296	84	27229	4.931	ug/l #	73
25) 2-Butanone	7.490	43	10603	2.735	ug/l #	75
29) Tetrahydrofuran	7.854	42	1699	0.661	ug/l #	37
31) Cyclohexane	8.237	56	32382	3.495	ug/l #	44
36) 1,1-Dichloropropene	8.231	75	38347	5.317	ug/l #	48
37) Ethyl Acetate	7.572	43	74618	9.282	ug/l #	91
38) Carbon Tetrachloride	8.231	117	46073	6.300	ug/l #	18
39) Methylcyclohexane	9.601	83	23261	2.761	ug/l #	83
42) 1,2-Dichloroethane	8.678	62	2781	0.334	ug/l #	71
43) Isopropyl Acetate	8.695	43	397297	30.633	ug/l #	73
48) Methyl methacrylate	9.678	41	10308	1.650	ug/l #	32
49) 1,4-Dioxane	9.748	88	169	1.587	ug/l #	1
51) 4-Methyl-2-Pentanone	10.442	43	28514	3.494	ug/l #	68
52) Toluene	10.642	92	12529	0.929	ug/l	100
54) cis-1,3-Dichloropropene	10.360	75	120262	14.172	ug/l #	71
55) 1,1,2-Trichloroethane	11.013	97	3308	0.625	ug/l #	16
57) 1,3-Dichloropropane	11.201	76	11368	1.205	ug/l #	42
59) 2-Hexanone	11.172	43	371383	63.326	ug/l #	17
67) Ethyl Benzene	11.966	91	31540	1.244	ug/l #	88
68) m/p-Xylenes	12.072	106	58600	6.077	ug/l	99
69) o-Xylene	12.401	106	47948	5.135	ug/l	90
71) Bromoform	12.848	173	2542	0.674	ug/l #	1
73) Isopropylbenzene	12.695	105	6903	0.333	ug/l	98
76) 1,2,3-Trichloropropane	12.848	75	161979	30.304	ug/l #	1
78) n-propylbenzene	13.036	91	16763	0.701	ug/l	94
79) 2-Chlorotoluene	13.130	91	4660	0.317	ug/l #	39
80) 1,3,5-Trimethylbenzene	13.177	105	49487	2.866	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.848	75	161979	87.339	ug/l #	15
82) 4-Chlorotoluene	13.177	91	6155	0.441	ug/l #	39
83) tert-Butylbenzene	13.489	119	10808	0.740	ug/l #	56
84) 1,2,4-Trimethylbenzene	13.489	105	82781	4.879	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032723\
Data File : VN077223.D
Acq On : 28 Mar 2023 00:18
Operator : JC\MD
Sample : 02084-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
WASTE-DRUM-SOIL

Quant Time: Mar 28 07:48:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032523W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 27 02:47:06 2023
Response via : Initial Calibration

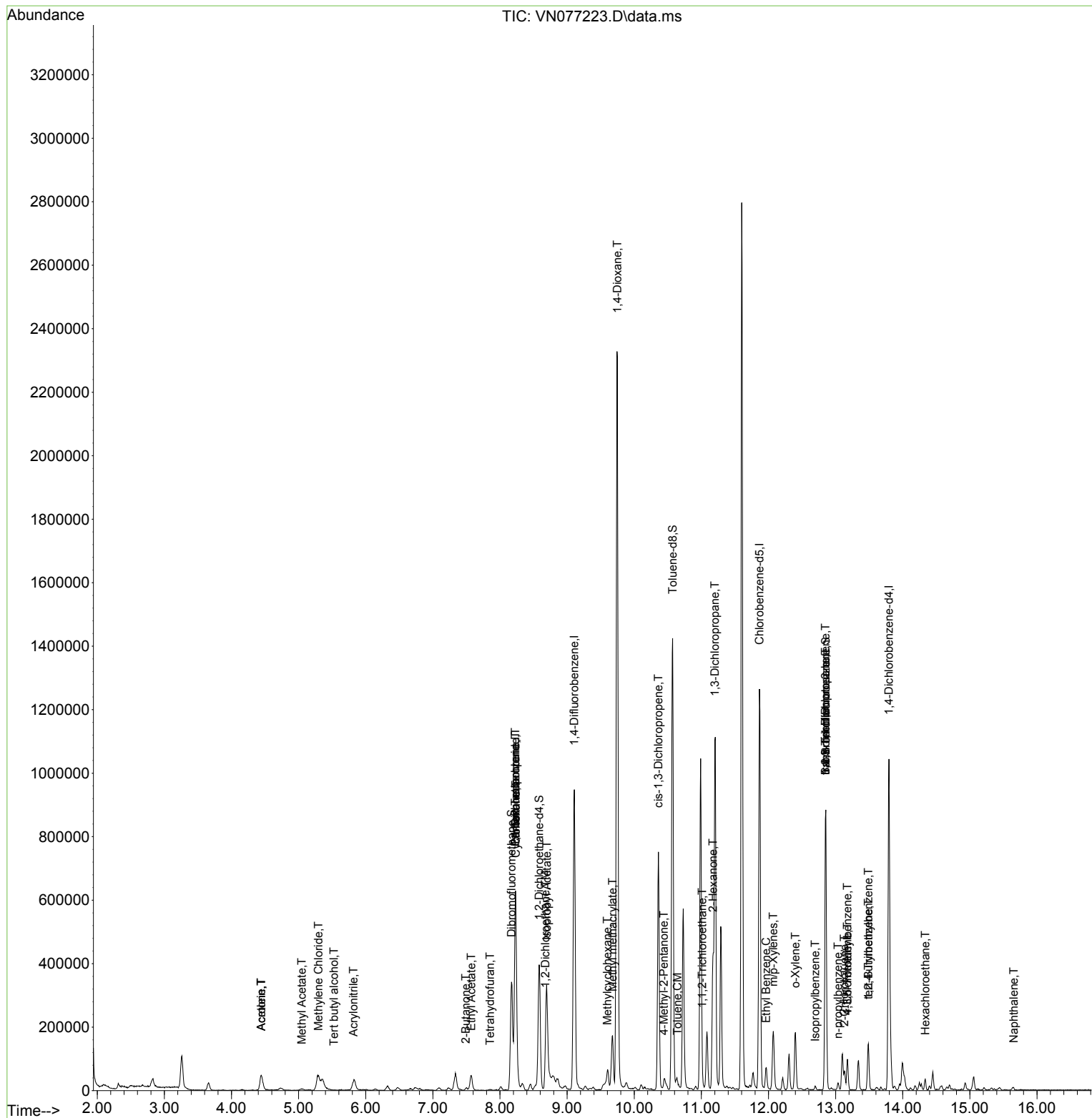
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.336	117	2345	0.754	ug/l #	18
95) Naphthalene	15.654	128	7551	6.387	ug/l #	85

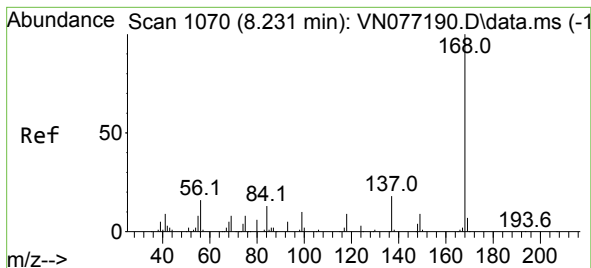
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032723\
Data File : VN077223.D
Acq On : 28 Mar 2023 00:18
Operator : JC\MD
Sample : 02084-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
WASTE-DRUM-SOIL

Quant Time: Mar 28 07:48:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032523W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 27 02:47:06 2023
Response via : Initial Calibration

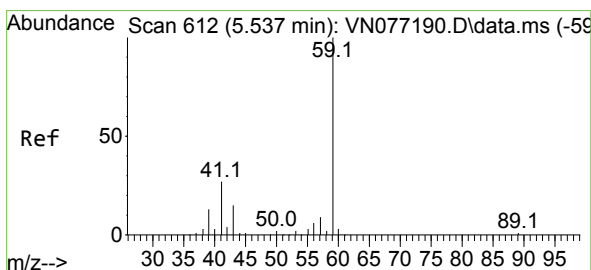
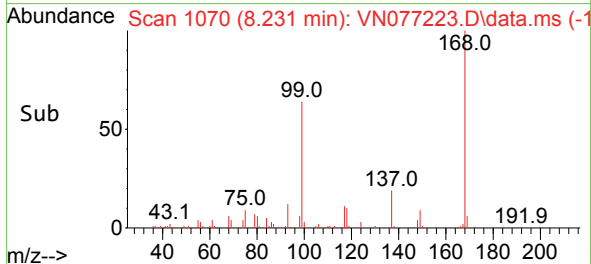
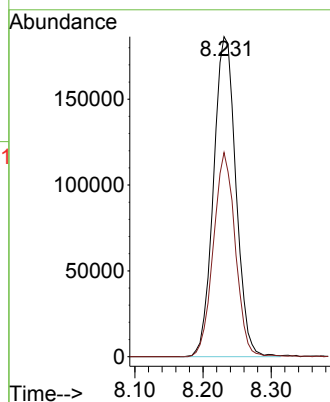
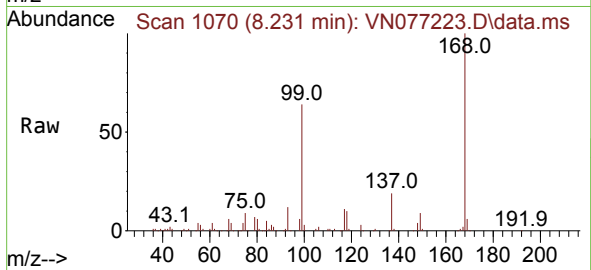




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077223.D
Acq: 28 Mar 2023 00:18

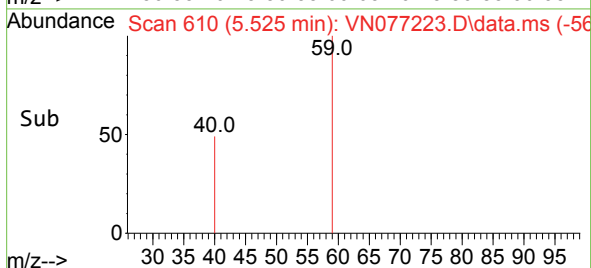
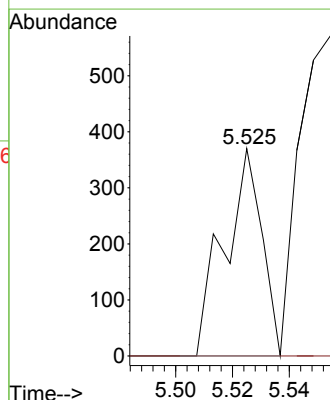
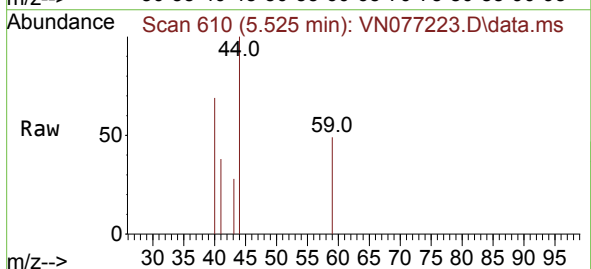
Instrument :
MSVOA_N
ClientSampleId :
WASTE-DRUM-SOIL

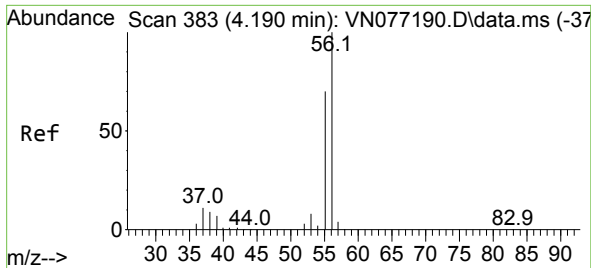
Tgt Ion:168 Resp: 426526
Ion Ratio Lower Upper
168 100
99 63.8 48.6 73.0



#11
Tert butyl alcohol
Concen: 0.373 ug/l
RT: 5.525 min Scan# 610
Delta R.T. -0.012 min
Lab File: VN077223.D
Acq: 28 Mar 2023 00:18

Tgt Ion: 59 Resp: 339
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

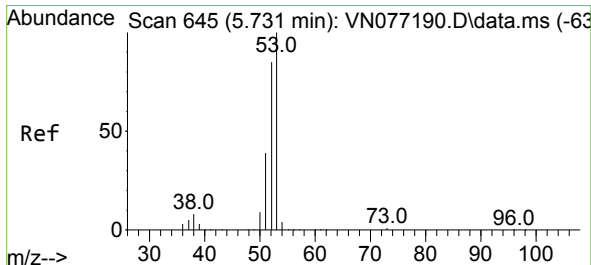
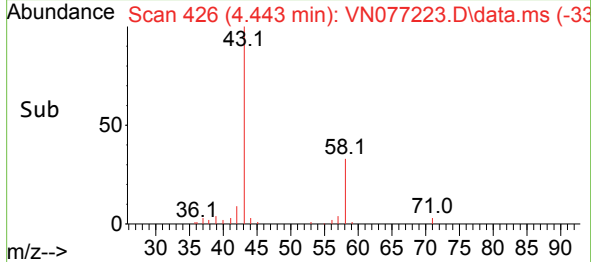
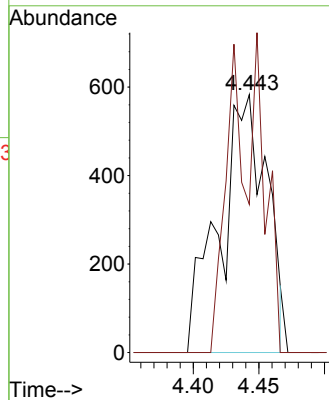
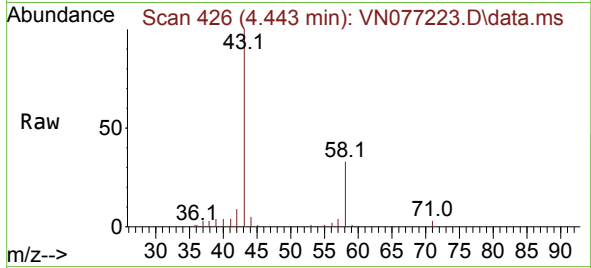




#13
Acrolein
Concen: 1.143 ug/l
RT: 4.443 min Scan# 41
Delta R.T. 0.253 min
Lab File: VN077223.D
Acq: 28 Mar 2023 00:18

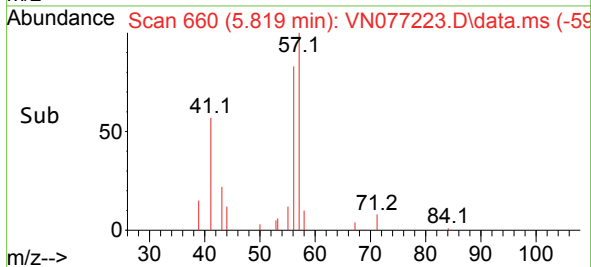
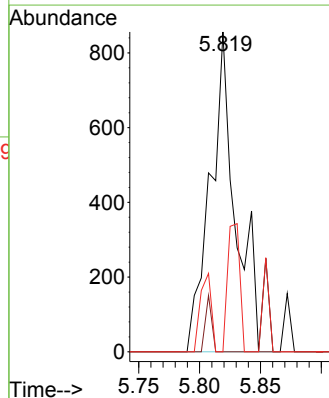
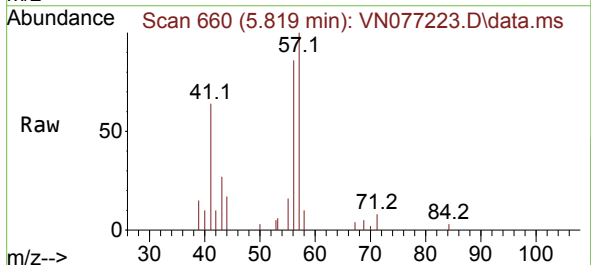
Instrument :
MSVOA_N
ClientSampleId :
WASTE-DRUM-SOIL

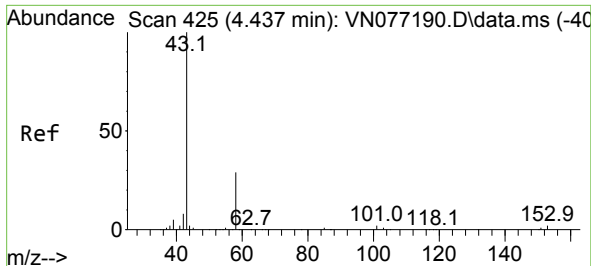
Tgt Ion: 56 Resp: 1457
Ion Ratio Lower Upper
56 100
55 48.9 56.7 85.1#



#15
Acrylonitrile
Concen: 0.464 ug/l
RT: 5.819 min Scan# 660
Delta R.T. 0.088 min
Lab File: VN077223.D
Acq: 28 Mar 2023 00:18

Tgt Ion: 53 Resp: 1316
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 18.2 28.8 43.2#

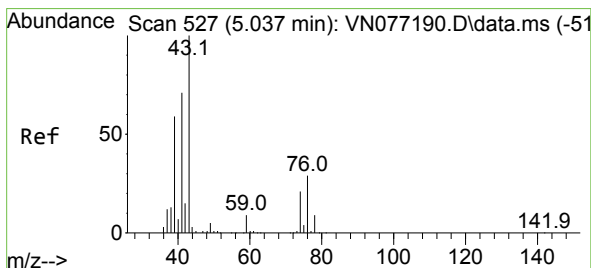
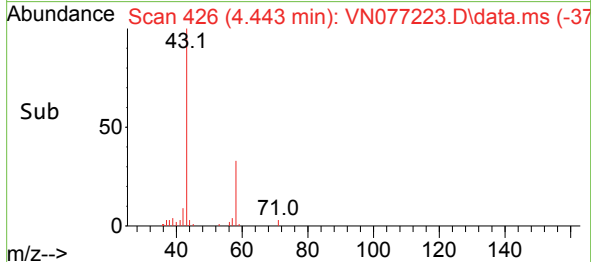
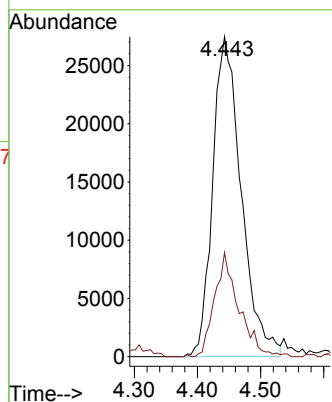
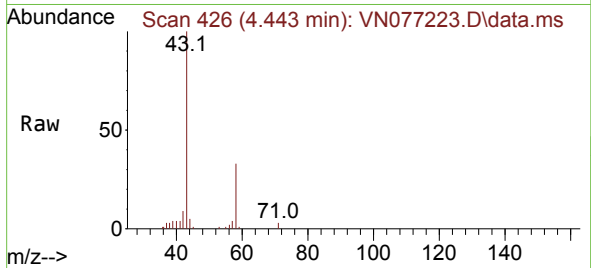




#16
Acetone
Concen: 34.796 ug/l
RT: 4.443 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077223.D
Acq: 28 Mar 2023 00:18

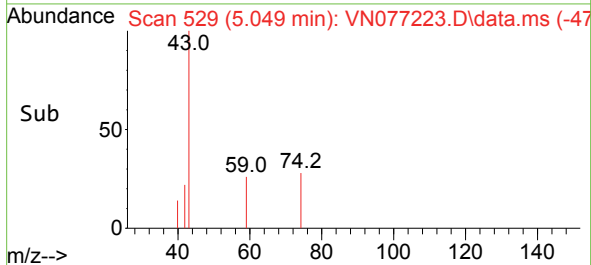
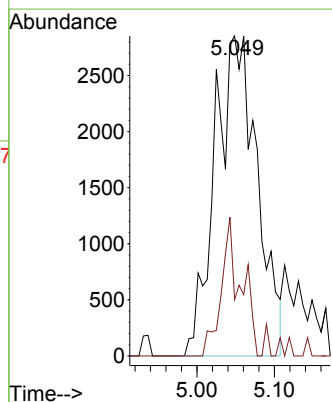
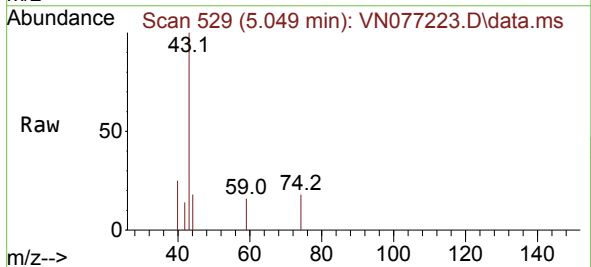
Instrument :
MSVOA_N
ClientSampleId :
WASTE-DRUM-SOIL

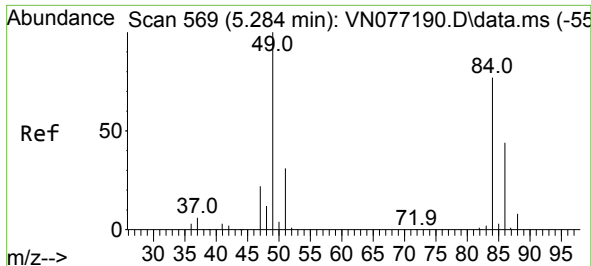
Tgt Ion: 43 Resp: 86281
Ion Ratio Lower Upper
43 100
58 32.5 28.2 42.2



#18
Methyl Acetate
Concen: 1.091 ug/l
RT: 5.049 min Scan# 529
Delta R.T. 0.012 min
Lab File: VN077223.D
Acq: 28 Mar 2023 00:18

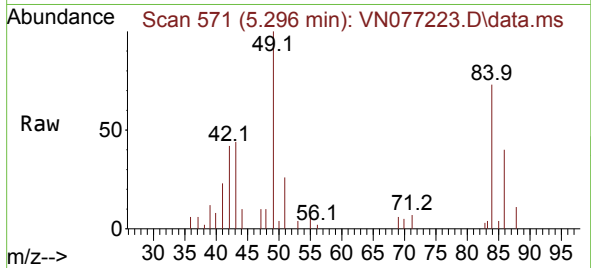
Tgt Ion: 43 Resp: 10823
Ion Ratio Lower Upper
43 100
74 16.4 25.9 38.9#



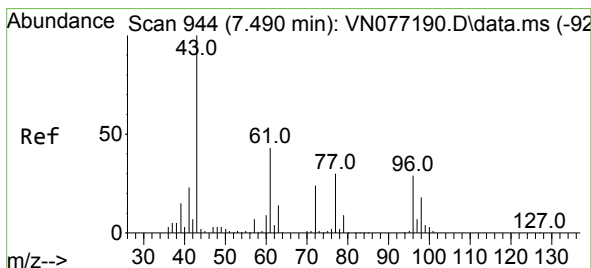
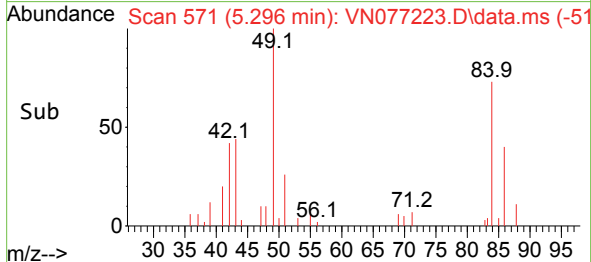
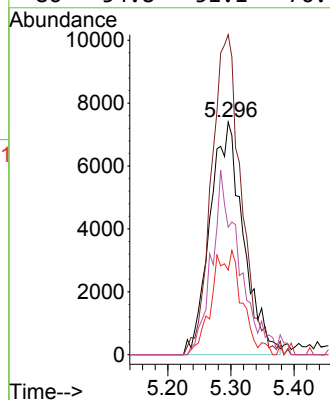


#20
Methylene Chloride
Concen: 4.931 ug/l
RT: 5.296 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN077223.D
Acq: 28 Mar 2023 00:18

Instrument :
MSVOA_N
ClientSampleId :
WASTE-DRUM-SOIL

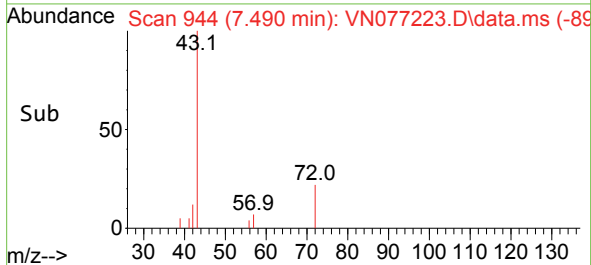
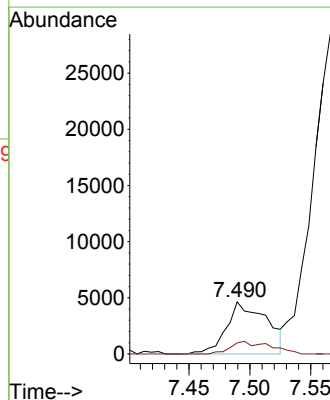
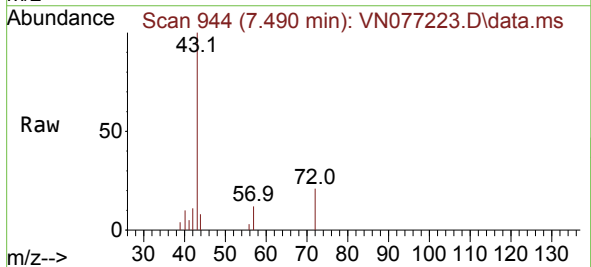


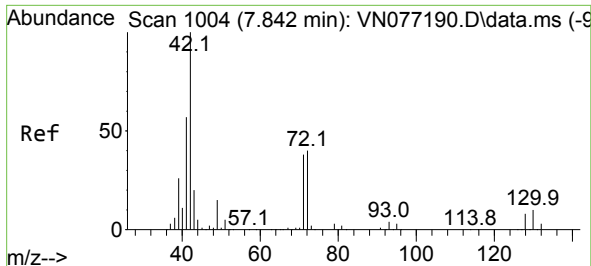
Tgt Ion: 84 Resp: 27229
Ion Ratio Lower Upper
84 100
49 137.5 76.6 114.8#
51 36.4 25.4 38.2
86 54.8 51.1 76.7



#25
2-Butanone
Concen: 2.735 ug/l
RT: 7.490 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077223.D
Acq: 28 Mar 2023 00:18

Tgt Ion: 43 Resp: 10603
Ion Ratio Lower Upper
43 100
72 21.3 28.8 43.2#





#29

Tetrahydrofuran

Concen: 0.661 ug/l

RT: 7.854 min Scan# 1006

Delta R.T. 0.012 min

Lab File: VN077223.D

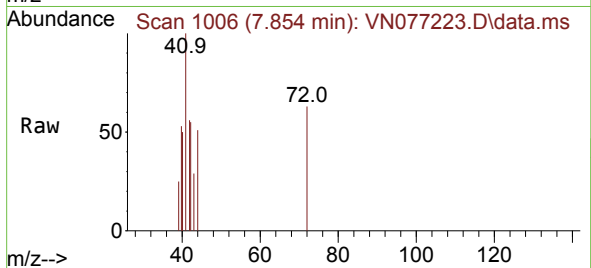
Acq: 28 Mar 2023 00:18

Instrument :

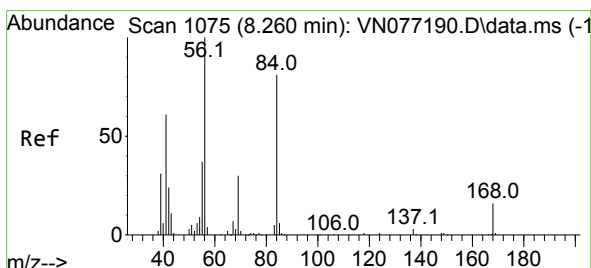
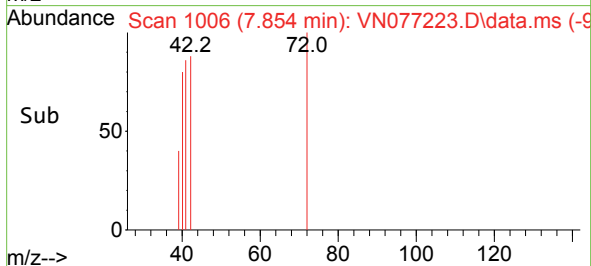
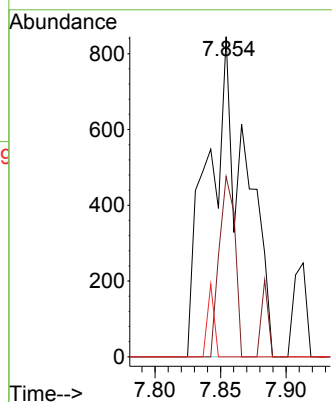
MSVOA_N

ClientSampleId :

WASTE-DRUM-SOIL



Tgt Ion:	42	Resp:	1699
Ion	Ratio	Lower	Upper
42	100		
72	23.4	48.6	73.0#
71	0.0	45.1	67.7#



#31

Cyclohexane

Concen: 3.495 ug/l

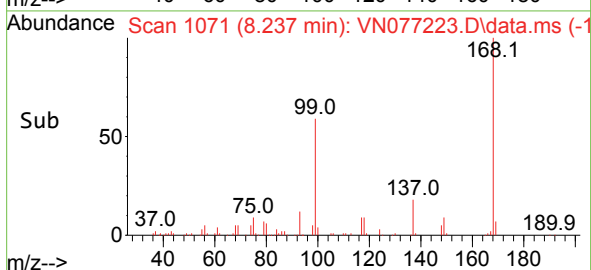
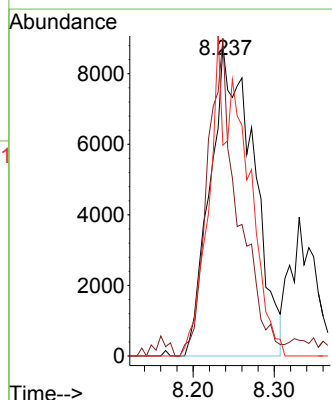
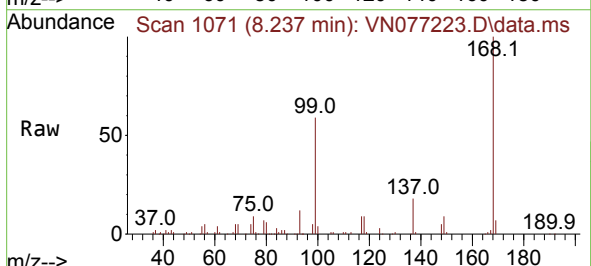
RT: 8.237 min Scan# 1071

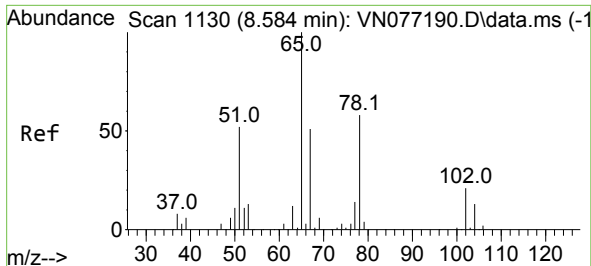
Delta R.T. -0.023 min

Lab File: VN077223.D

Acq: 28 Mar 2023 00:18

Tgt Ion:	56	Resp:	32382
Ion	Ratio	Lower	Upper
56	100		
69	102.5	27.0	40.6#
84	68.0	82.9	124.3#





#33

1,2-Dichloroethane-d4

Concen: 48.424 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077223.D

Acq: 28 Mar 2023 00:18

Instrument :

MSVOA_N

ClientSampleId :

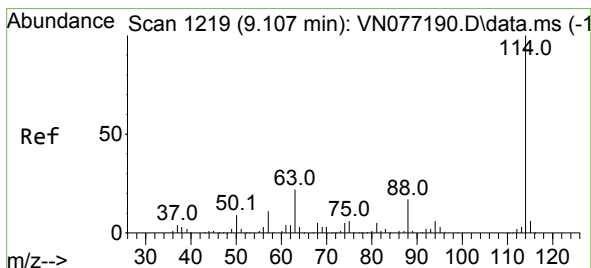
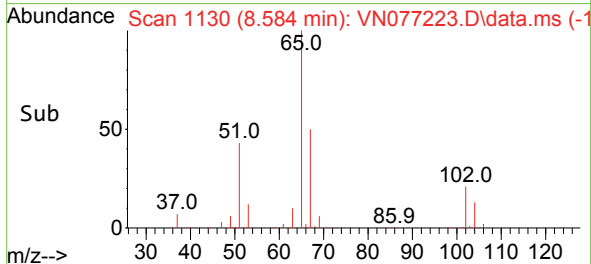
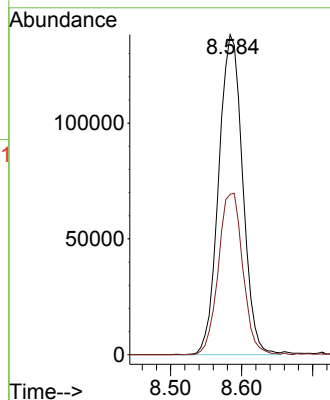
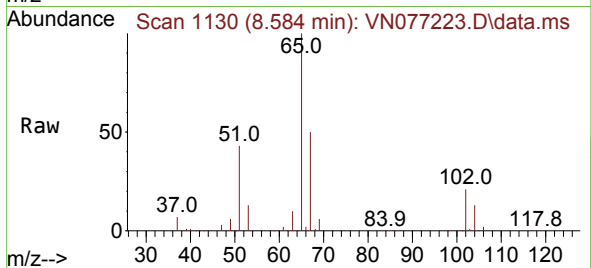
WASTE-DRUM-SOIL

Tgt Ion: 65 Resp: 322936

Ion Ratio Lower Upper

65 100

67 51.7 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077223.D

Acq: 28 Mar 2023 00:18

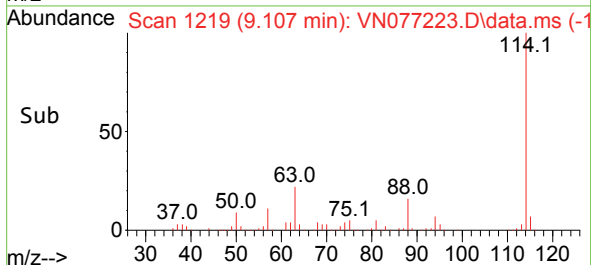
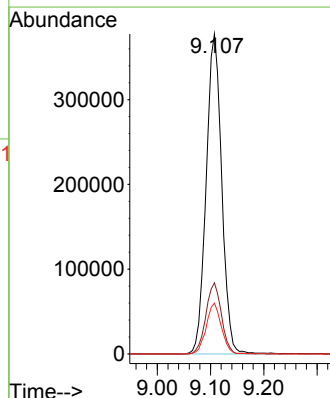
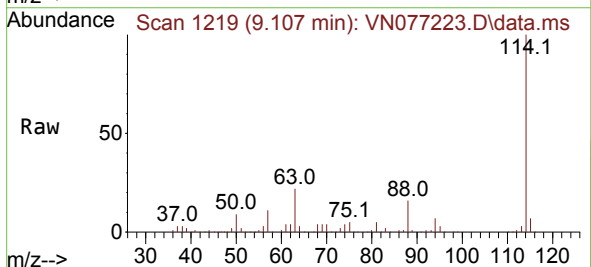
Tgt Ion: 114 Resp: 763698

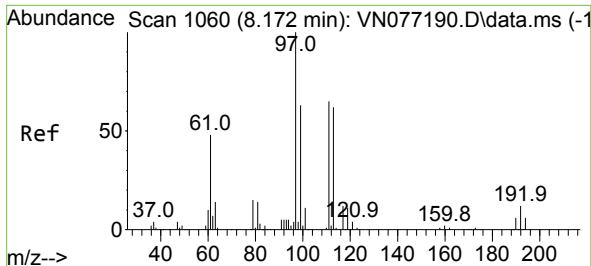
Ion Ratio Lower Upper

114 100

63 22.2 0.0 36.6

88 15.9 0.0 28.6





#35

Dibromofluoromethane

Concen: 46.899 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077223.D

Acq: 28 Mar 2023 00:18

Instrument :

MSVOA_N

ClientSampleId :

WASTE-DRUM-SOIL

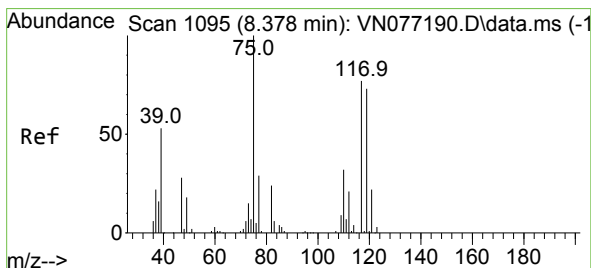
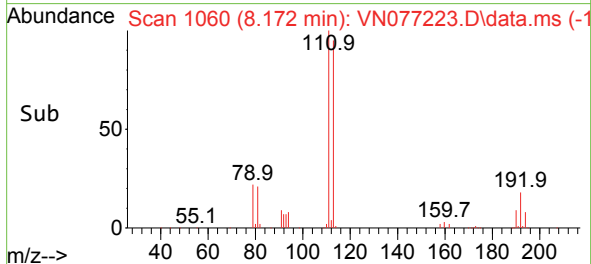
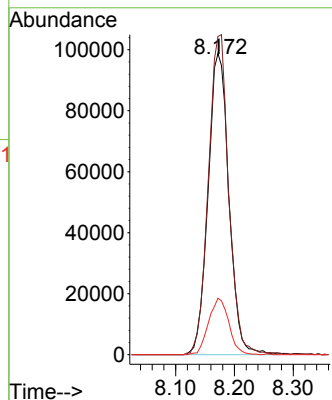
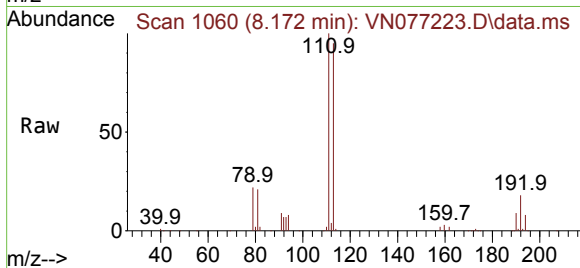
Tgt Ion:113 Resp: 243035

Ion Ratio Lower Upper

113 100

111 104.3 81.8 122.8

192 18.2 13.9 20.9



#36

1,1-Dichloropropene

Concen: 5.317 ug/l

RT: 8.231 min Scan# 1070

Delta R.T. -0.147 min

Lab File: VN077223.D

Acq: 28 Mar 2023 00:18

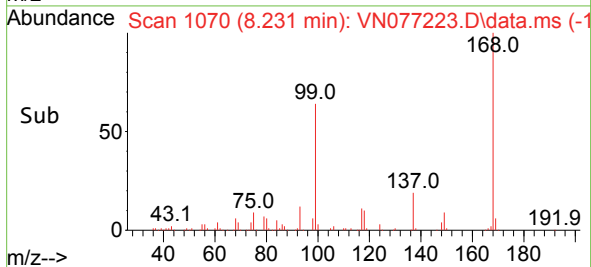
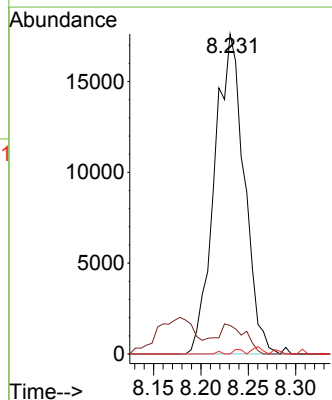
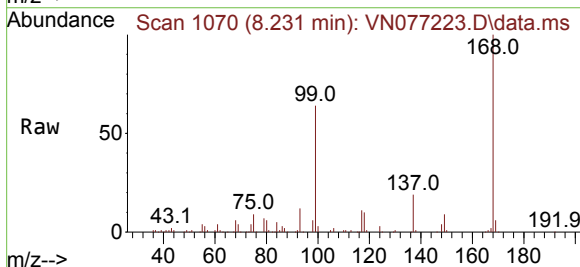
Tgt Ion: 75 Resp: 38347

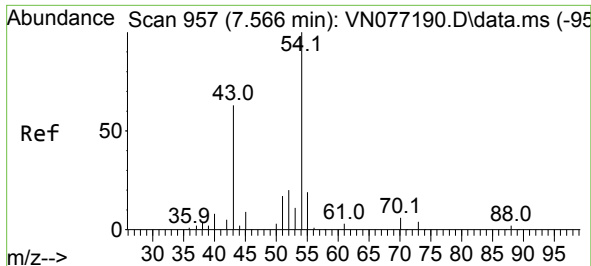
Ion Ratio Lower Upper

75 100

110 8.7 18.9 56.9#

77 0.4 24.9 37.3#

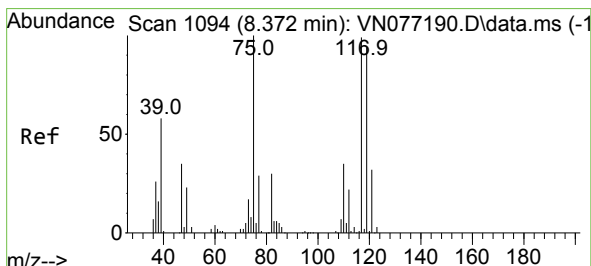
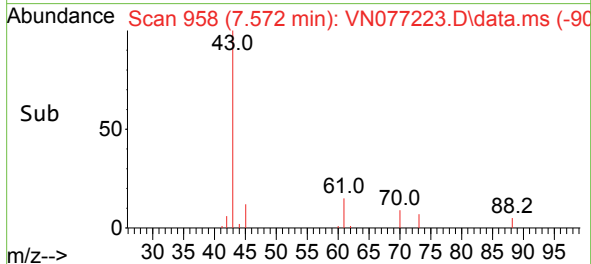
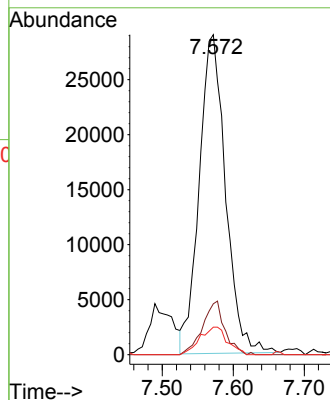
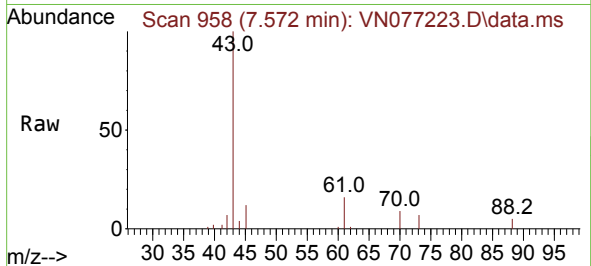




#37
Ethyl Acetate
Concen: 9.282 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077223.D
Acq: 28 Mar 2023 00:18

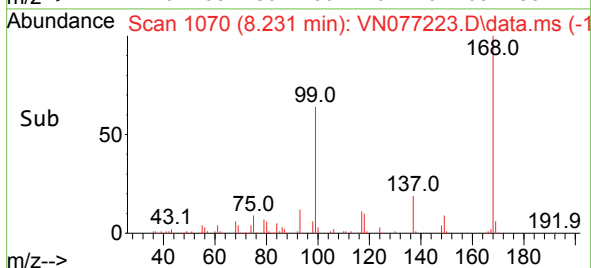
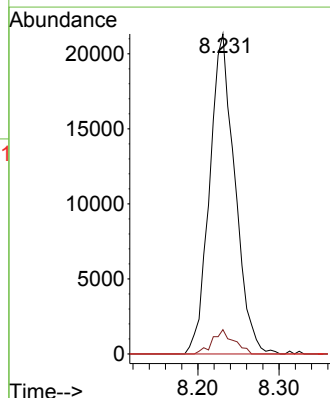
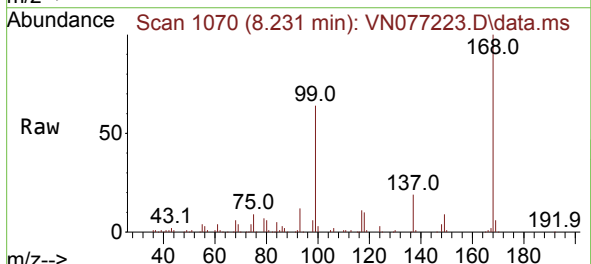
Instrument :
MSVOA_N
ClientSampleId :
WASTE-DRUM-SOIL

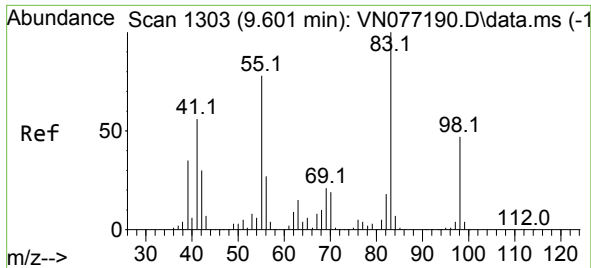
Tgt Ion: 43 Resp: 74618
Ion Ratio Lower Upper
43 100
61 14.2 13.5 20.3
70 9.0 11.0 16.6#



#38
Carbon Tetrachloride
Concen: 6.300 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.141 min
Lab File: VN077223.D
Acq: 28 Mar 2023 00:18

Tgt Ion: 117 Resp: 46073
Ion Ratio Lower Upper
117 100
119 7.6 76.9 115.3#
121 0.0 23.2 34.8#

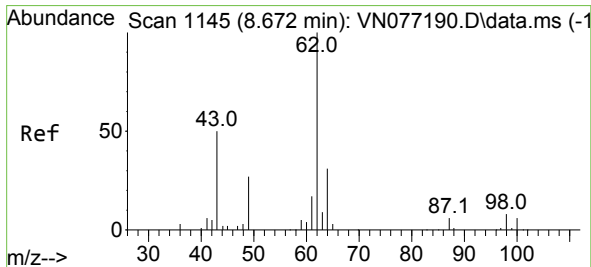
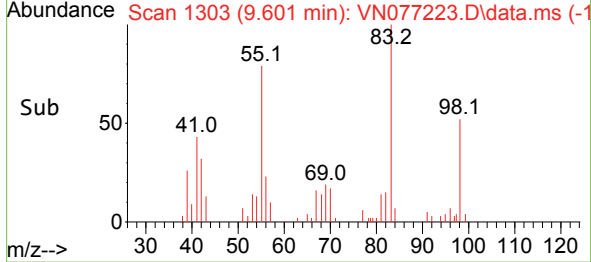
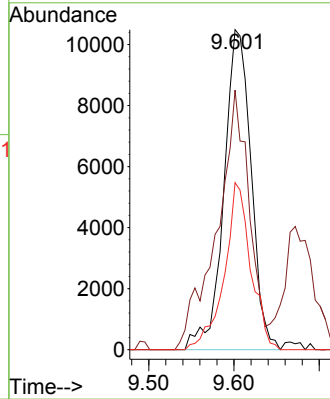
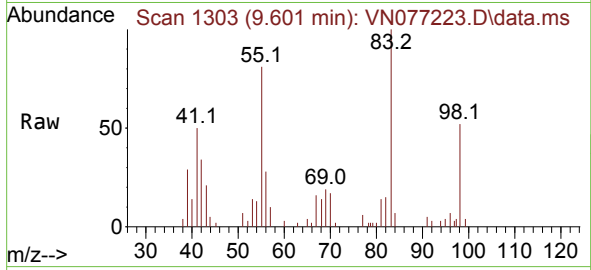




#39
Methylcyclohexane
Concen: 2.761 ug/l
RT: 9.601 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN077223.D
Acq: 28 Mar 2023 00:18

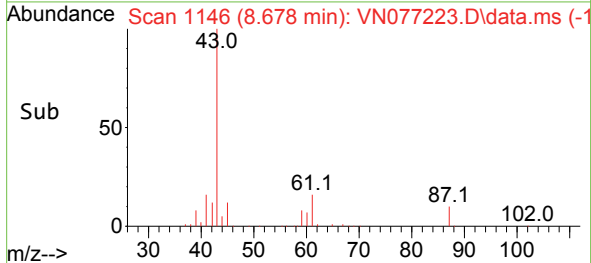
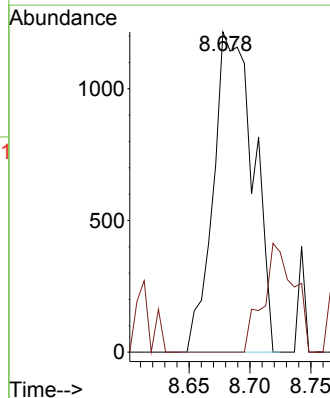
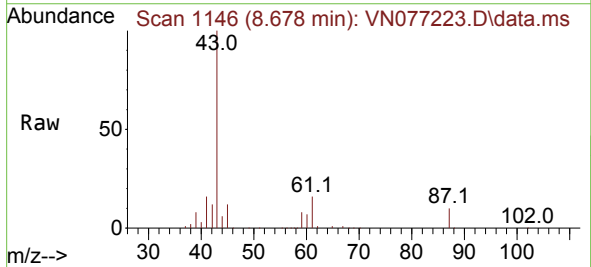
Instrument :
MSVOA_N
ClientSampleId :
WASTE-DRUM-SOIL

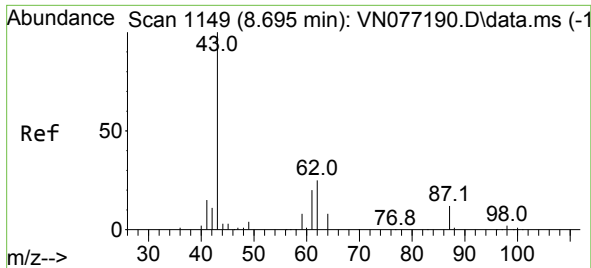
Tgt Ion: 83 Resp: 23261
Ion Ratio Lower Upper
83 100
55 78.7 47.0 70.4#
98 52.2 39.4 59.0



#42
1,2-Dichloroethane
Concen: 0.334 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077223.D
Acq: 28 Mar 2023 00:18

Tgt Ion: 62 Resp: 2781
Ion Ratio Lower Upper
62 100
98 0.0 0.0 21.8

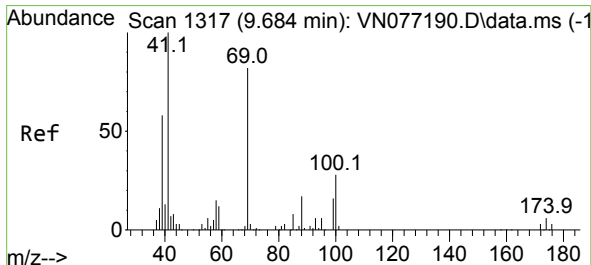
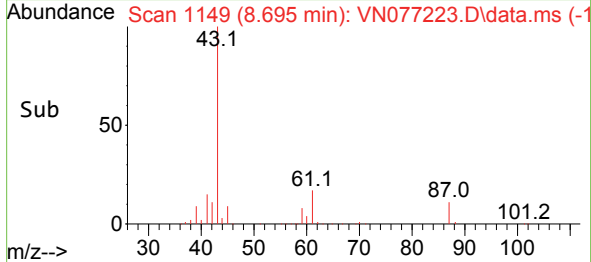
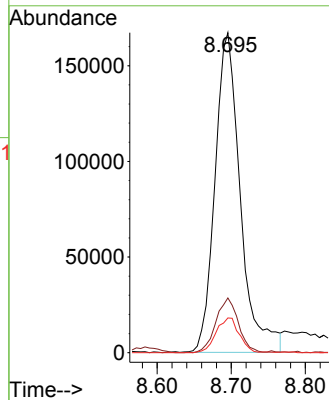
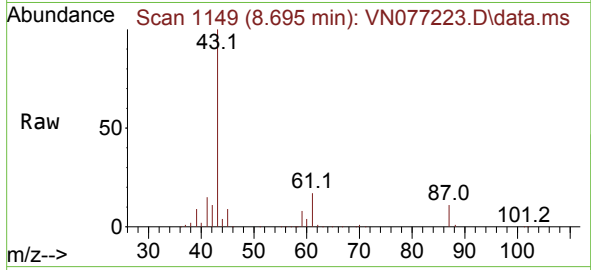




#43
Isopropyl Acetate
Concen: 30.633 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077223.D
Acq: 28 Mar 2023 00:18

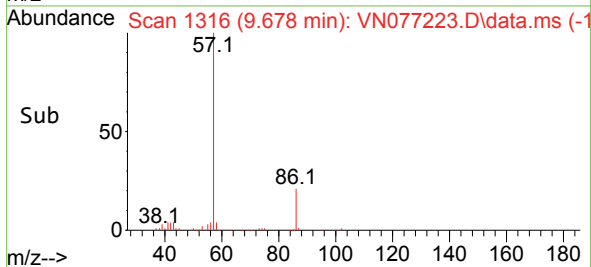
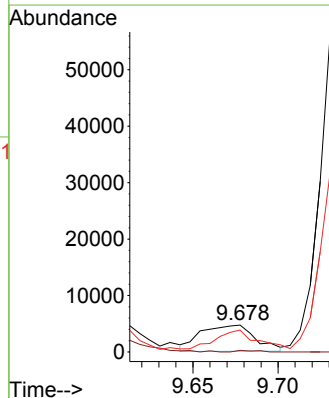
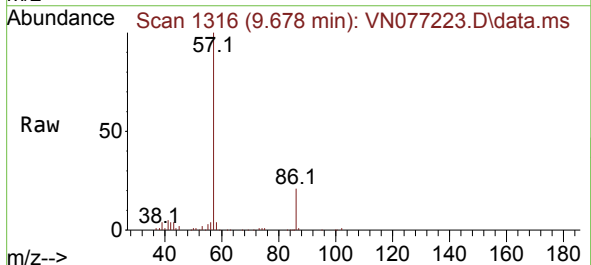
Instrument :
MSVOA_N
ClientSampleId :
WASTE-DRUM-SOIL

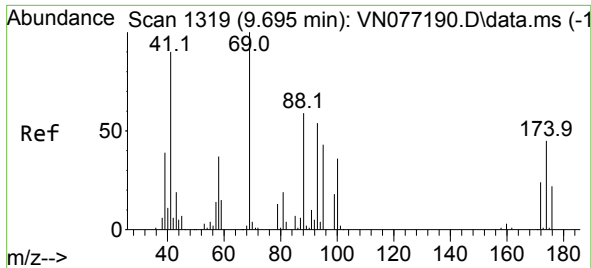
Tgt Ion: 43 Resp: 397297
Ion Ratio Lower Upper
43 100
61 15.1 26.2 39.2#
87 10.0 14.8 22.2#



#48
Methyl methacrylate
Concen: 1.650 ug/l
RT: 9.678 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN077223.D
Acq: 28 Mar 2023 00:18

Tgt Ion: 41 Resp: 10308
Ion Ratio Lower Upper
41 100
69 2.5 92.6 139.0#
39 61.6 51.4 77.0





#49

1,4-Dioxane

Concen: 1.587 ug/l

RT: 9.748 min Scan# 1319

Delta R.T. 0.053 min

Lab File: VN077223.D

Acq: 28 Mar 2023 00:18

Instrument :

MSVOA_N

ClientSampleId :

WASTE-DRUM-SOIL

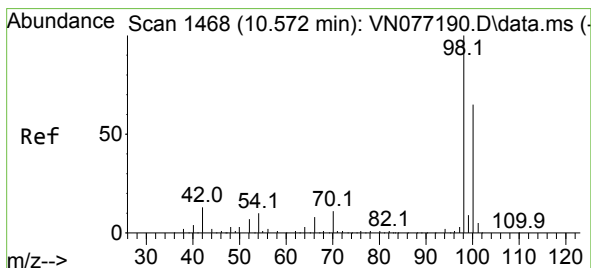
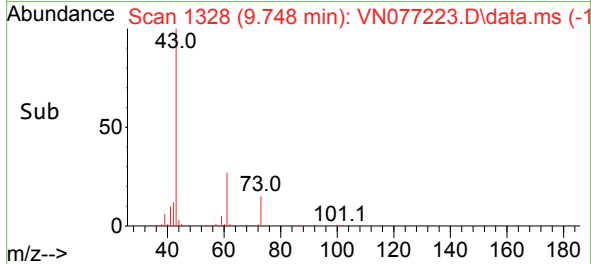
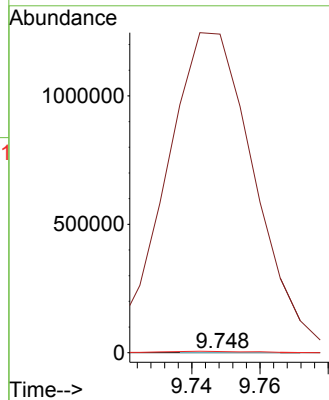
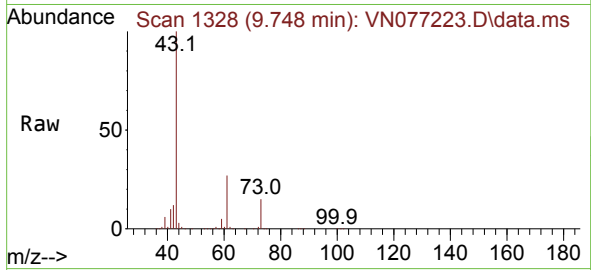
Tgt Ion: 88 Resp: 169

Ion Ratio Lower Upper

88 100

43 1358981.1 15.3 22.9#

58 6192.3 47.6 71.4#



#50

Toluene-d8

Concen: 48.924 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077223.D

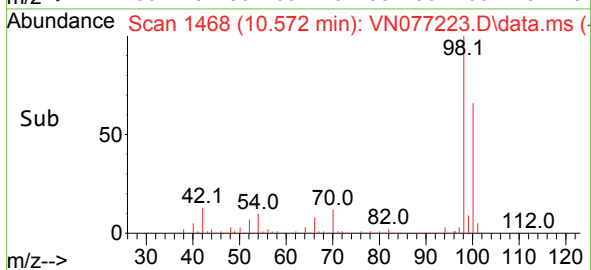
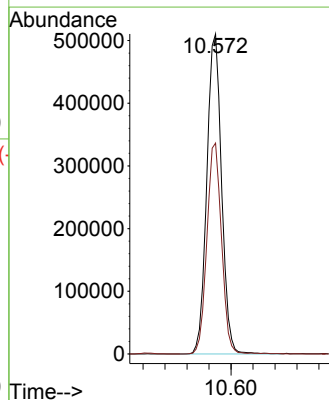
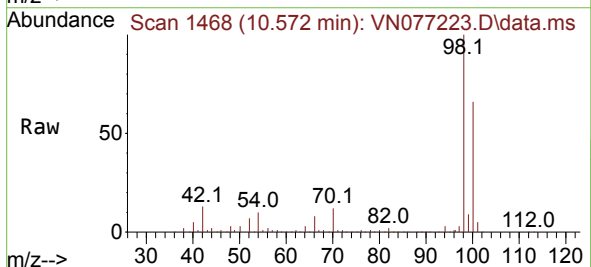
Acq: 28 Mar 2023 00:18

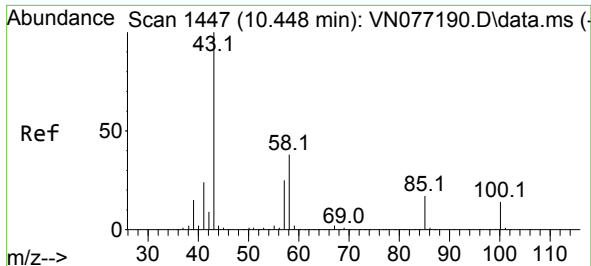
Tgt Ion: 98 Resp: 949974

Ion Ratio Lower Upper

98 100

100 65.1 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 3.494 ug/l

RT: 10.442 min Scan# 1446

Delta R.T. -0.006 min

Lab File: VN077223.D

Acq: 28 Mar 2023 00:18

Instrument :

MSVOA_N

ClientSampleId :

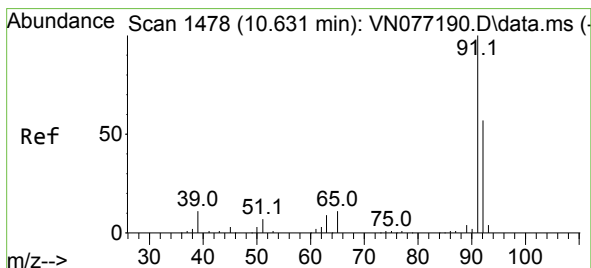
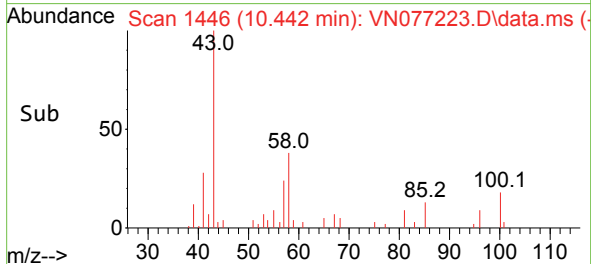
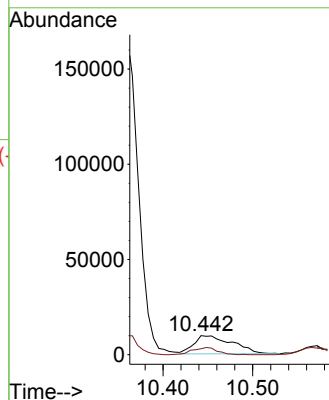
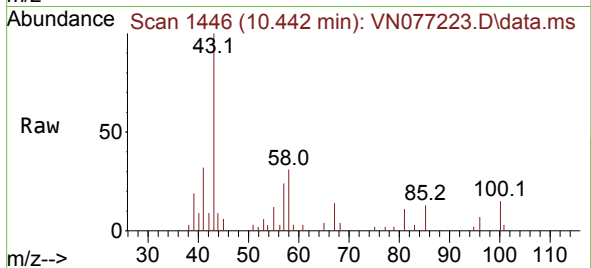
WASTE-DRUM-SOIL

Tgt Ion: 43 Resp: 28514

Ion Ratio Lower Upper

43 100

58 25.7 37.4 56.0#



#52

Toluene

Concen: 0.929 ug/l

RT: 10.642 min Scan# 1480

Delta R.T. 0.011 min

Lab File: VN077223.D

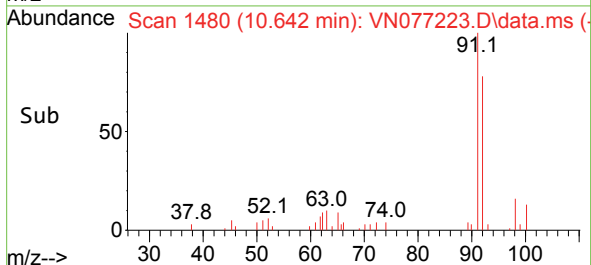
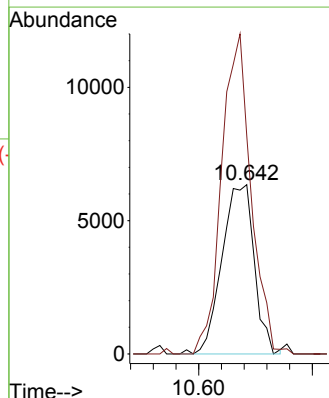
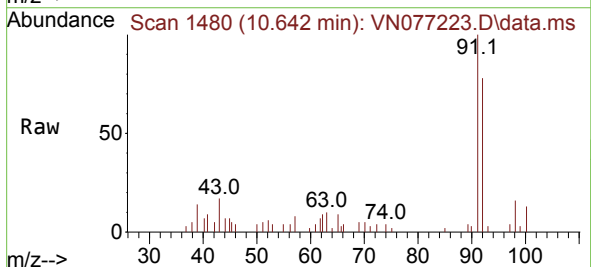
Acq: 28 Mar 2023 00:18

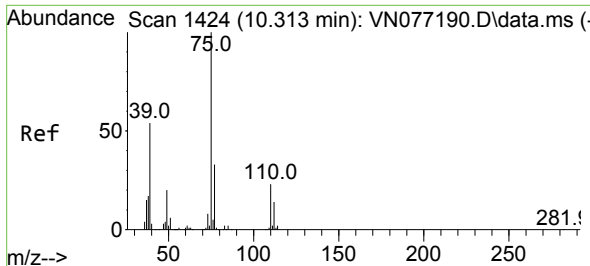
Tgt Ion: 92 Resp: 12529

Ion Ratio Lower Upper

92 100

91 172.2 138.2 207.2

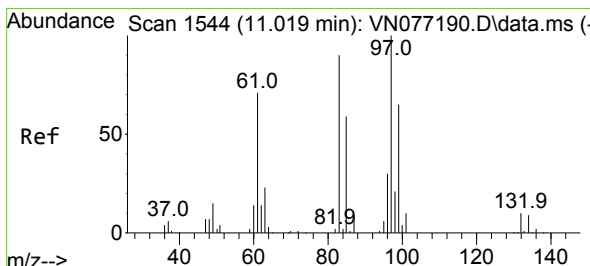
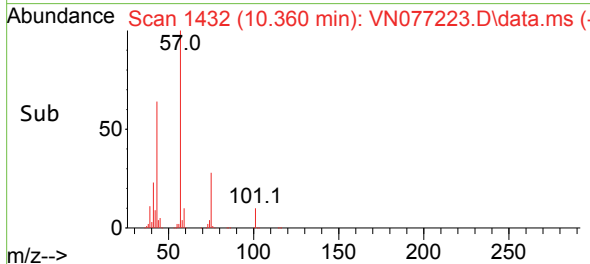
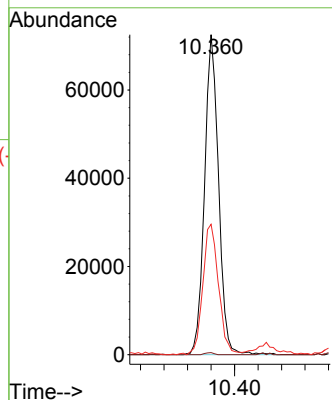
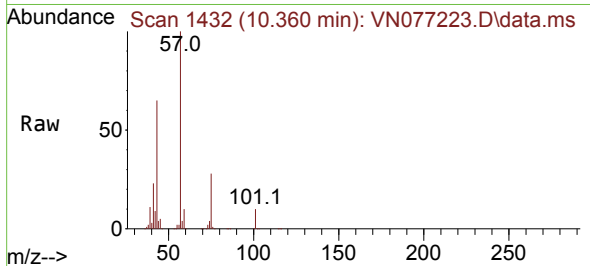




#54
 cis-1,3-Dichloropropene
 Concen: 14.172 ug/l
 RT: 10.360 min Scan# 1424
 Delta R.T. 0.047 min
 Lab File: VN077223.D
 Acq: 28 Mar 2023 00:18

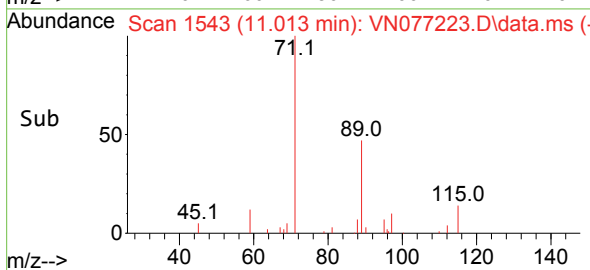
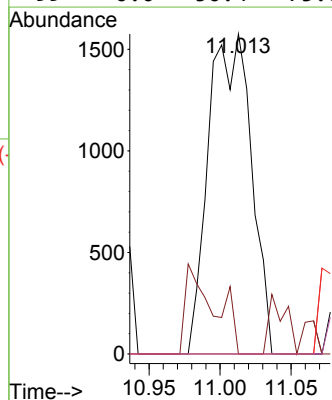
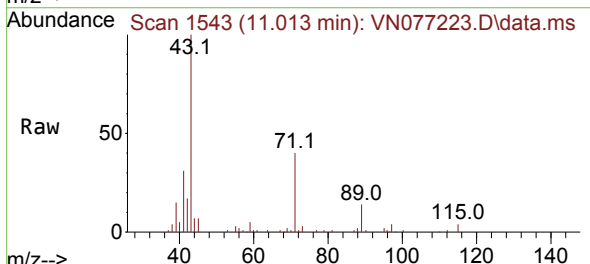
Instrument :
 MSVOA_N
 ClientSampleId :
 WASTE-DRUM-SOIL

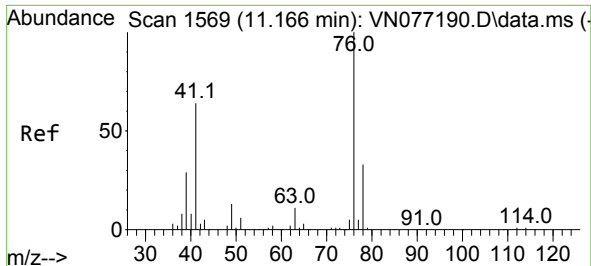
Tgt Ion: 75 Resp: 120262
 Ion Ratio Lower Upper
 75 100
 77 0.7 25.7 38.5#
 39 40.4 29.7 44.5



#55
 1,1,2-Trichloroethane
 Concen: 0.625 ug/l
 RT: 11.013 min Scan# 1543
 Delta R.T. -0.006 min
 Lab File: VN077223.D
 Acq: 28 Mar 2023 00:18

Tgt Ion: 97 Resp: 3308
 Ion Ratio Lower Upper
 97 100
 83 0.0 67.1 100.7#
 85 0.0 41.8 62.8#
 99 0.0 50.4 75.6#





#57

1,3-Dichloropropane

Concen: 1.205 ug/l

RT: 11.201 min Scan# 11

Delta R.T. 0.035 min

Lab File: VN077223.D

Acq: 28 Mar 2023 00:18

Instrument :

MSVOA_N

ClientSampleId :

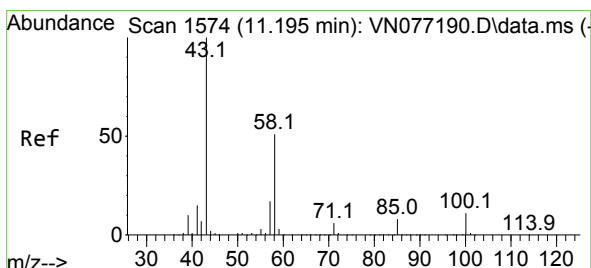
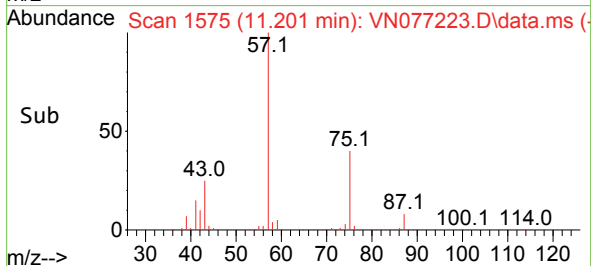
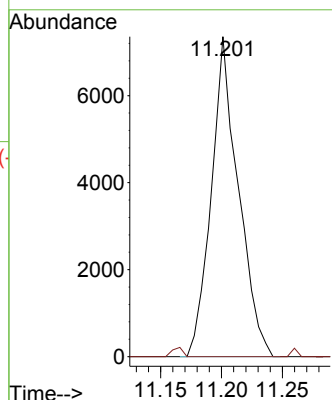
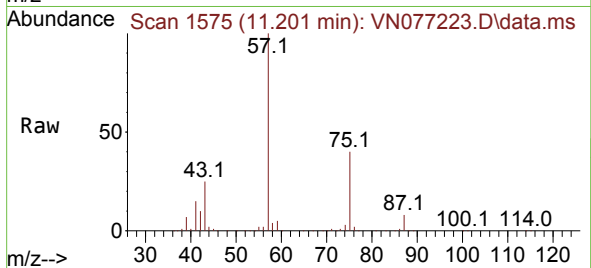
WASTE-DRUM-SOIL

Tgt Ion: 76 Resp: 11368

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 63.326 ug/l

RT: 11.172 min Scan# 1570

Delta R.T. -0.023 min

Lab File: VN077223.D

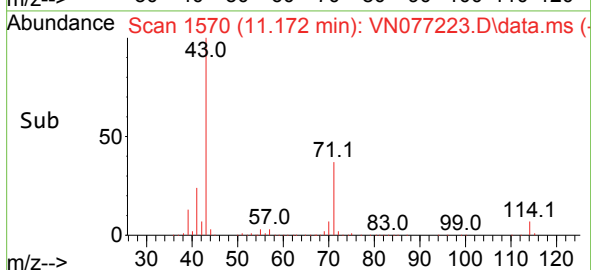
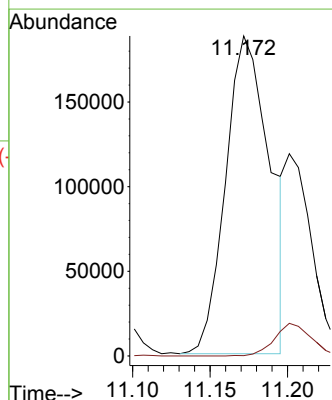
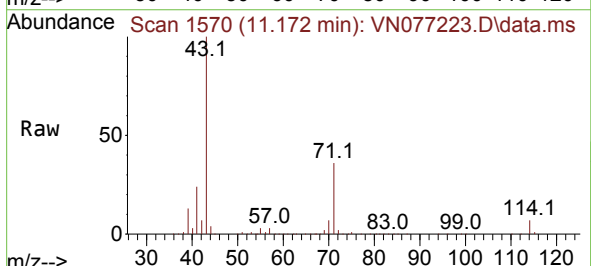
Acq: 28 Mar 2023 00:18

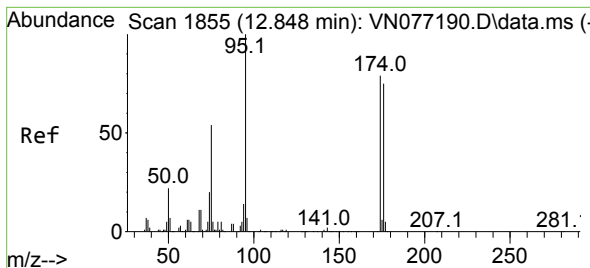
Tgt Ion: 43 Resp: 371383

Ion Ratio Lower Upper

43 100

58 0.0 32.6 98.0#

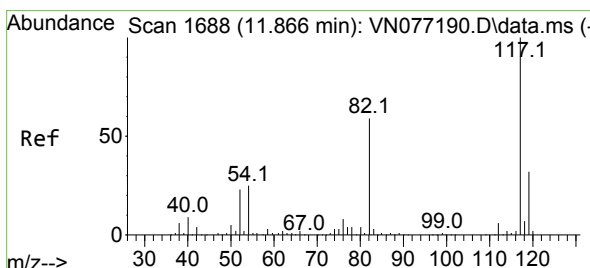
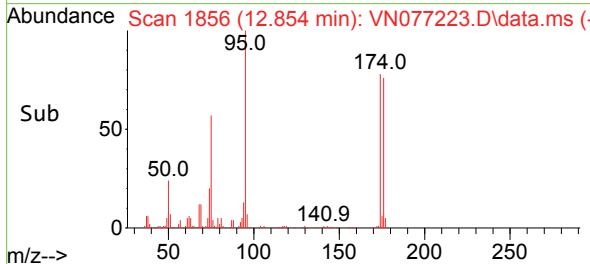
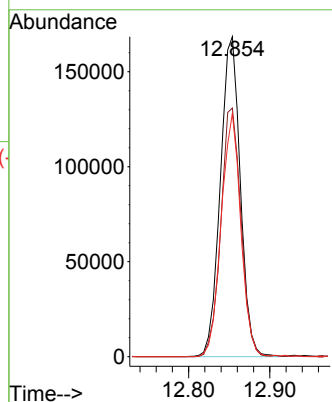
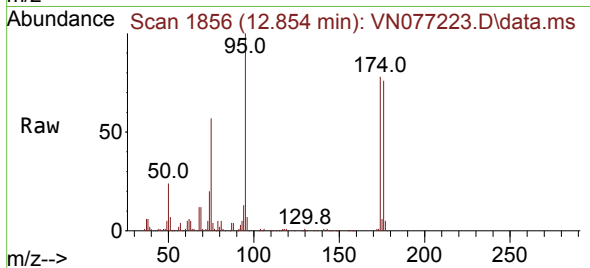




#62
4-Bromofluorobenzene
Concen: 45.215 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077223.D
Acq: 28 Mar 2023 00:18

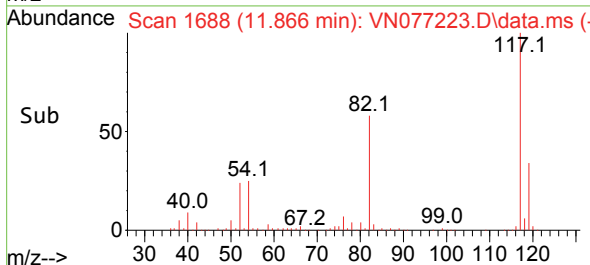
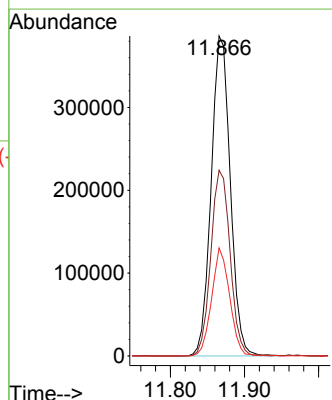
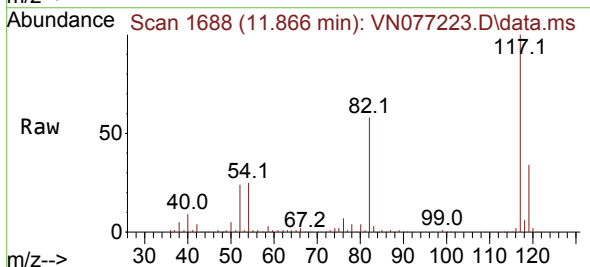
Instrument :
MSVOA_N
ClientSampleId :
WASTE-DRUM-SOIL

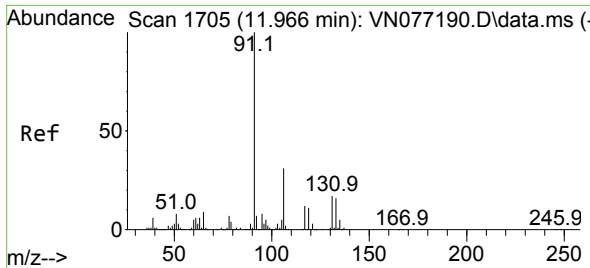
Tgt Ion: 95 Resp: 288140
Ion Ratio Lower Upper
95 100
174 78.5 0.0 162.4
176 74.4 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077223.D
Acq: 28 Mar 2023 00:18

Tgt Ion: 117 Resp: 691643
Ion Ratio Lower Upper
117 100
82 58.0 43.5 65.3
119 33.7 25.5 38.3

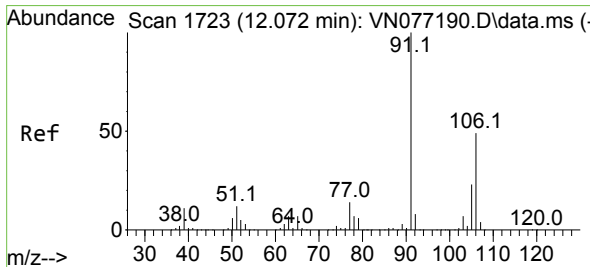
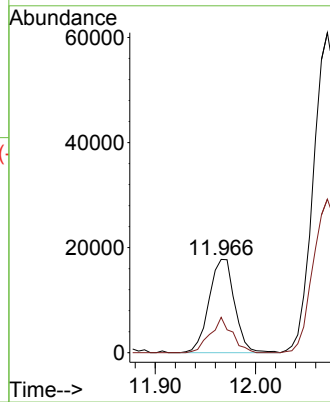
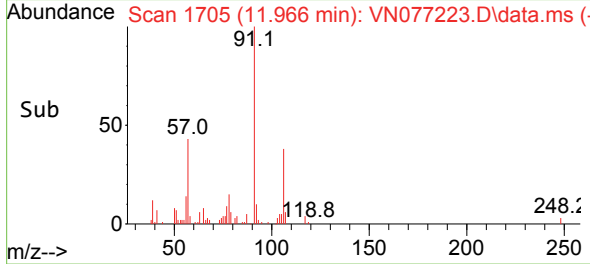
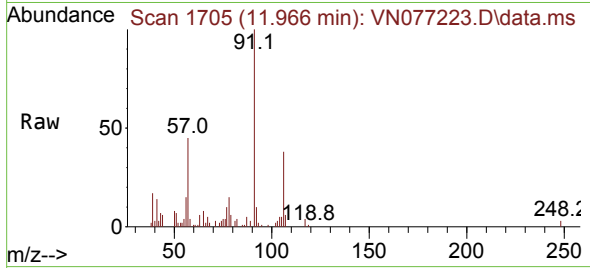




#67
Ethyl Benzene
Concen: 1.244 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077223.D
Acq: 28 Mar 2023 00:18

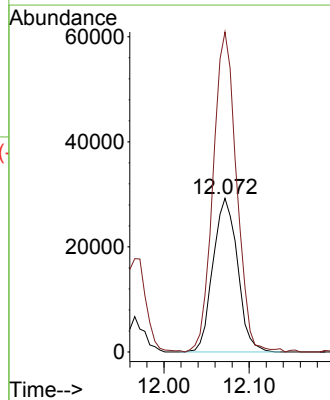
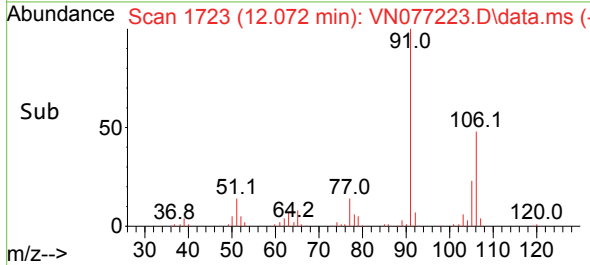
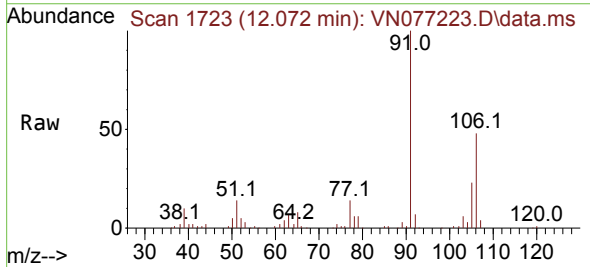
Instrument :
MSVOA_N
ClientSampleId :
WASTE-DRUM-SOIL

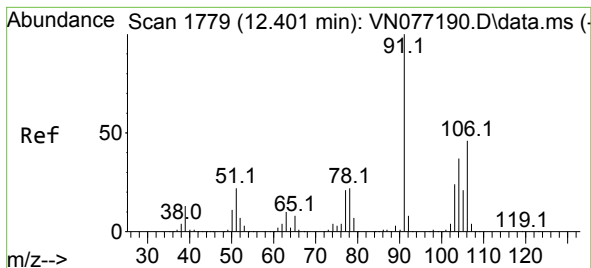
Tgt Ion: 91 Resp: 31540
Ion Ratio Lower Upper
91 100
106 38.0 25.1 37.7#



#68
m/p-Xylenes
Concen: 6.077 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077223.D
Acq: 28 Mar 2023 00:18

Tgt Ion: 106 Resp: 58600
Ion Ratio Lower Upper
106 100
91 199.4 158.0 237.0





#69

o-Xylene

Concen: 5.135 ug/l

RT: 12.401 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077223.D

Acq: 28 Mar 2023 00:18

Instrument :

MSVOA_N

ClientSampleId :

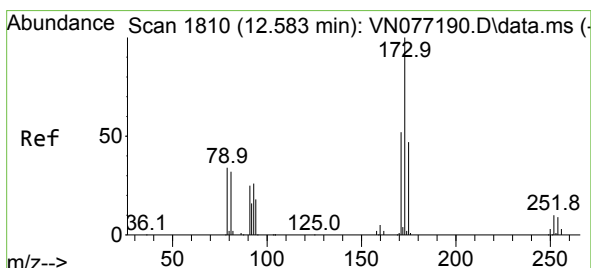
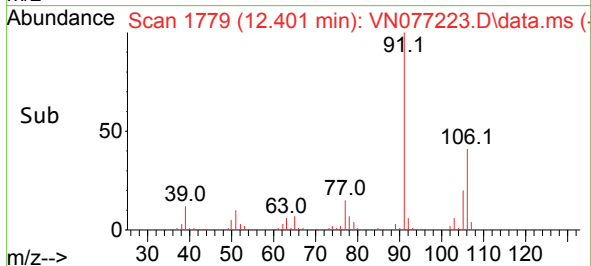
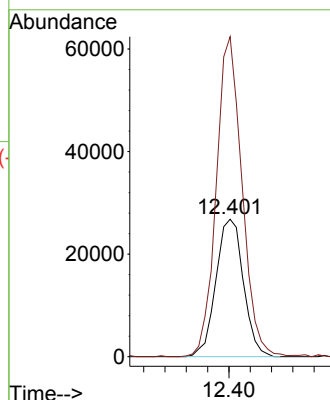
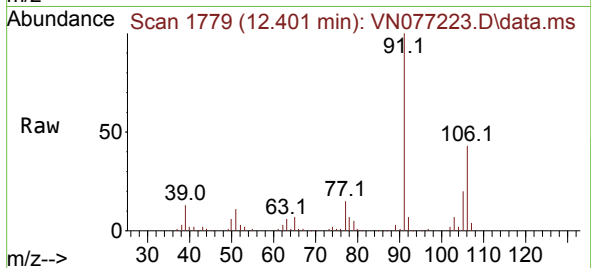
WASTE-DRUM-SOIL

Tgt Ion:106 Resp: 47948

Ion Ratio Lower Upper

106 100

91 218.7 101.8 305.4



#71

Bromoform

Concen: 0.674 ug/l

RT: 12.848 min Scan# 1855

Delta R.T. 0.265 min

Lab File: VN077223.D

Acq: 28 Mar 2023 00:18

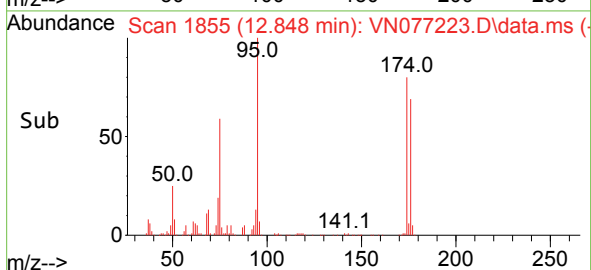
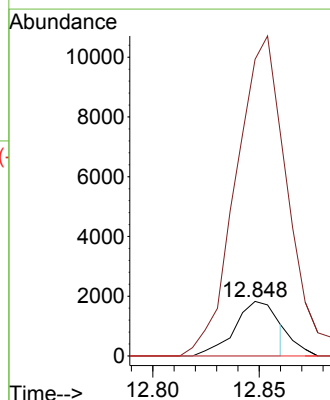
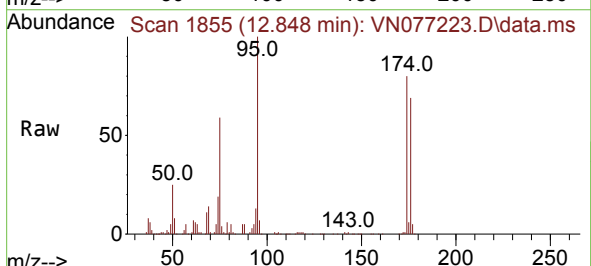
Tgt Ion:173 Resp: 2542

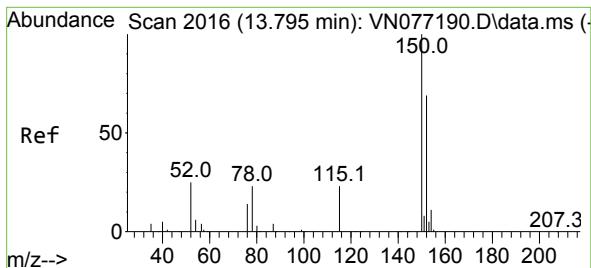
Ion Ratio Lower Upper

173 100

175 599.1 24.9 74.6#

254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN077223.D

Acq: 28 Mar 2023 00:18

Instrument :

MSVOA_N

ClientSampleId :

WASTE-DRUM-SOIL

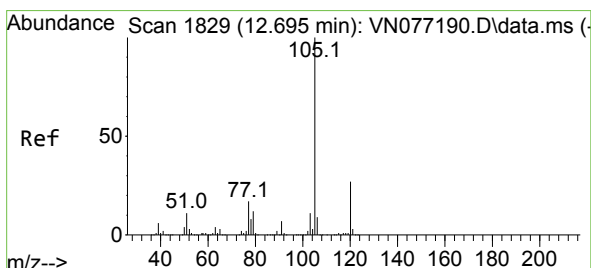
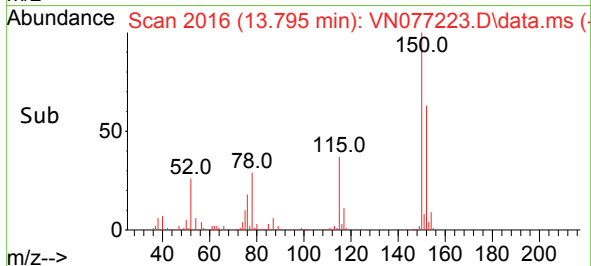
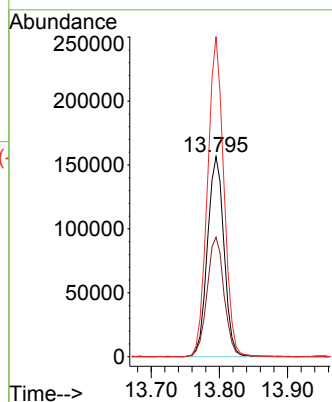
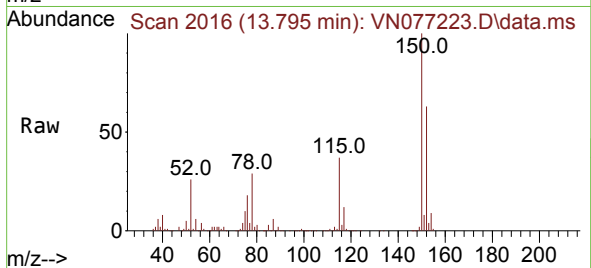
Tgt Ion:152 Resp: 263495

Ion Ratio Lower Upper

152 100

115 62.1 30.3 90.9

150 158.0 0.0 353.6



#73

Isopropylbenzene

Concen: 0.333 ug/l

RT: 12.695 min Scan# 1829

Delta R.T. 0.000 min

Lab File: VN077223.D

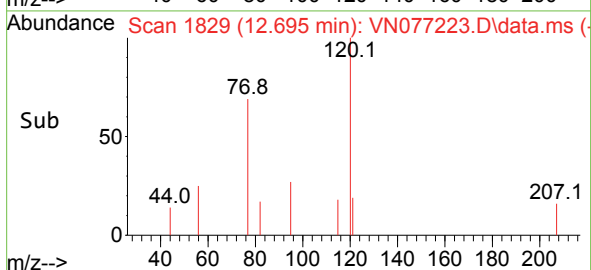
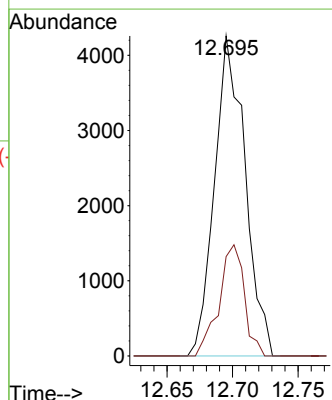
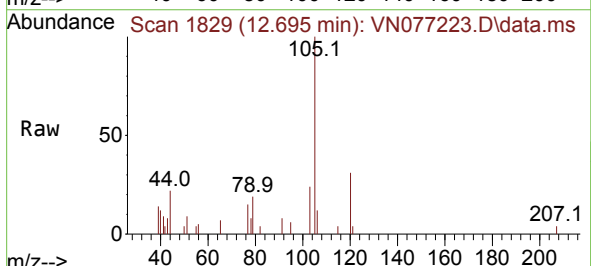
Acq: 28 Mar 2023 00:18

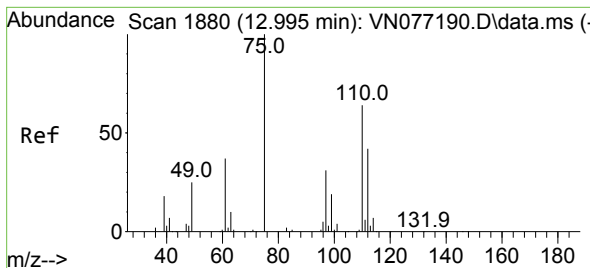
Tgt Ion:105 Resp: 6903

Ion Ratio Lower Upper

105 100

120 28.8 13.8 41.4





#76

1,2,3-Trichloropropane

Concen: 30.304 ug/l

RT: 12.848 min Scan# 1855

Delta R.T. -0.147 min

Lab File: VN077223.D

Acq: 28 Mar 2023 00:18

Instrument :

MSVOA_N

ClientSampleId :

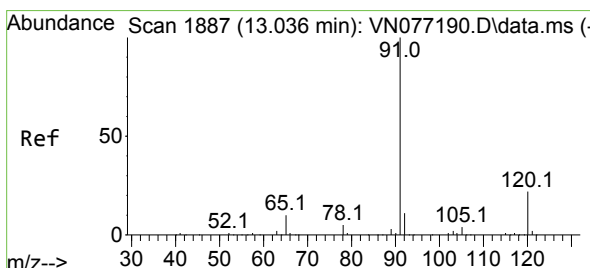
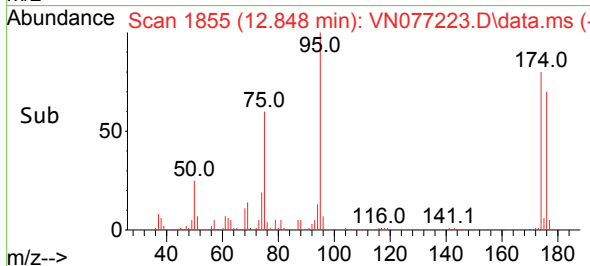
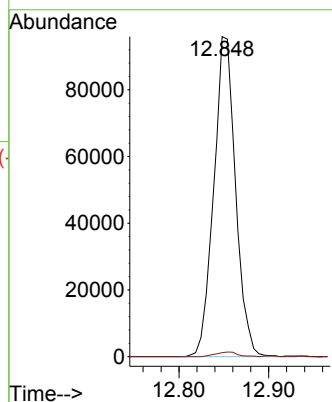
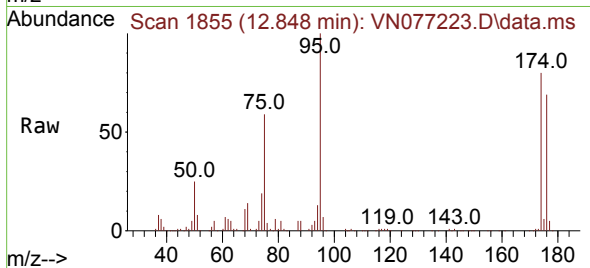
WASTE-DRUM-SOIL

Tgt Ion: 75 Resp: 161979

Ion Ratio Lower Upper

75 100

77 1.5 93.8 281.4#



#78

n-propylbenzene

Concen: 0.701 ug/l

RT: 13.036 min Scan# 1887

Delta R.T. 0.000 min

Lab File: VN077223.D

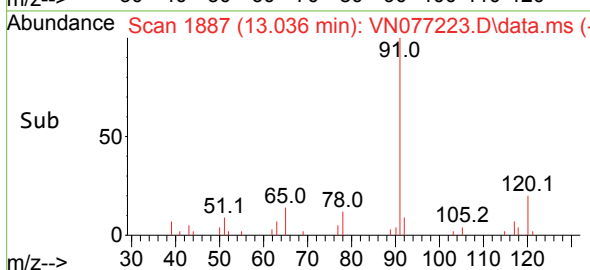
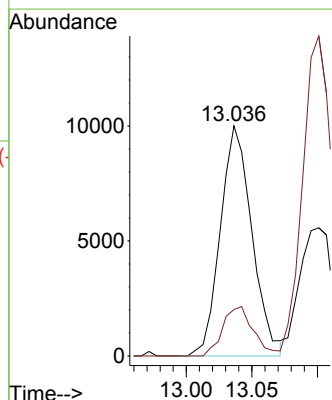
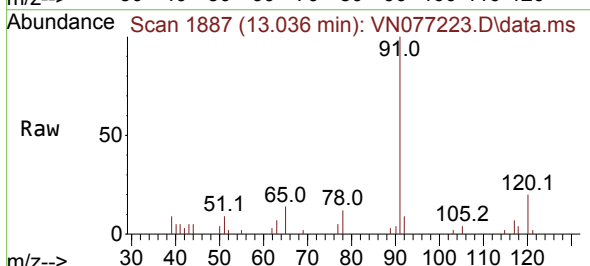
Acq: 28 Mar 2023 00:18

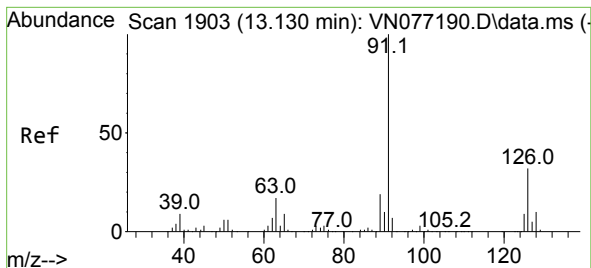
Tgt Ion: 91 Resp: 16763

Ion Ratio Lower Upper

91 100

120 21.0 11.9 35.7





#79

2-Chlorotoluene

Concen: 0.317 ug/l

RT: 13.130 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VN077223.D

Acq: 28 Mar 2023 00:18

Instrument :

MSVOA_N

ClientSampleId :

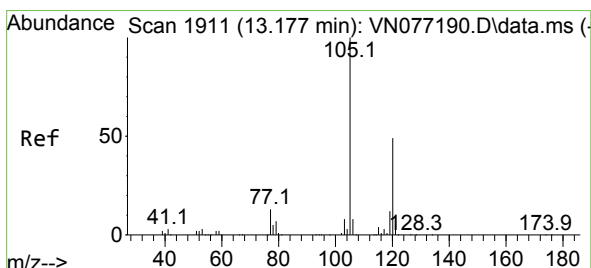
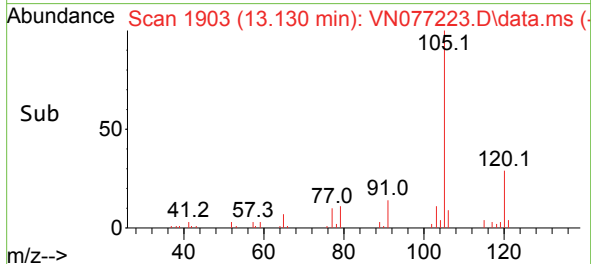
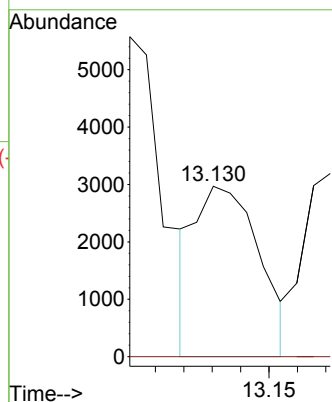
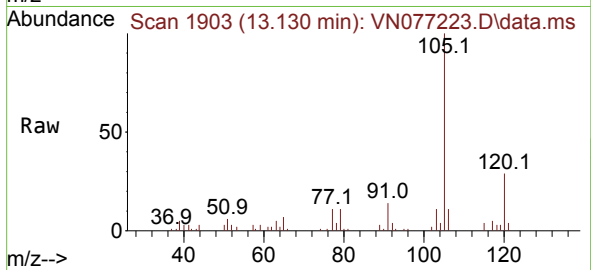
WASTE-DRUM-SOIL

Tgt Ion: 91 Resp: 4660

Ion Ratio Lower Upper

91 100

126 0.0 17.7 53.1#



#80

1,3,5-Trimethylbenzene

Concen: 2.866 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077223.D

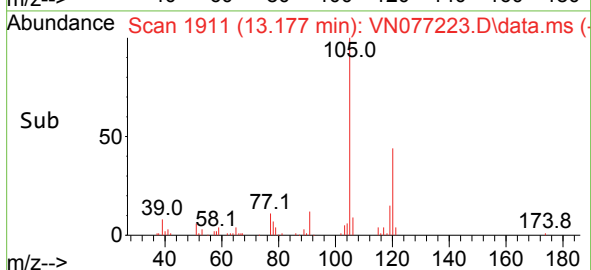
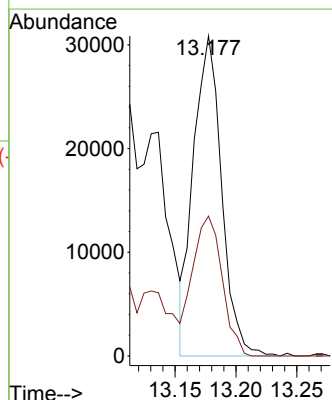
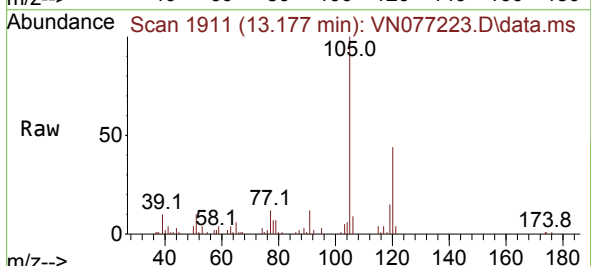
Acq: 28 Mar 2023 00:18

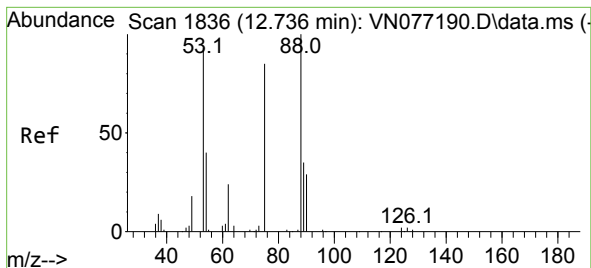
Tgt Ion: 105 Resp: 49487

Ion Ratio Lower Upper

105 100

120 46.0 25.2 75.6

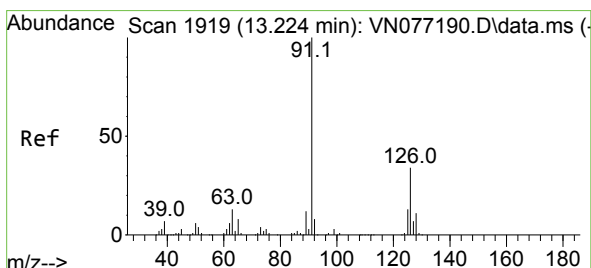
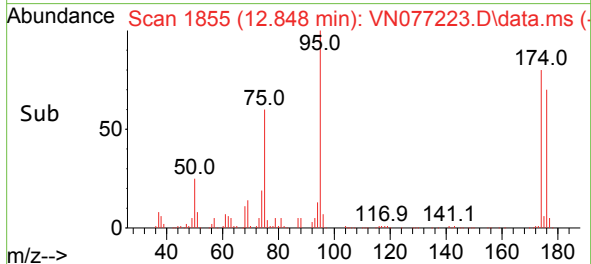
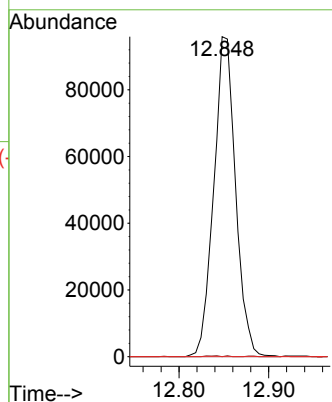
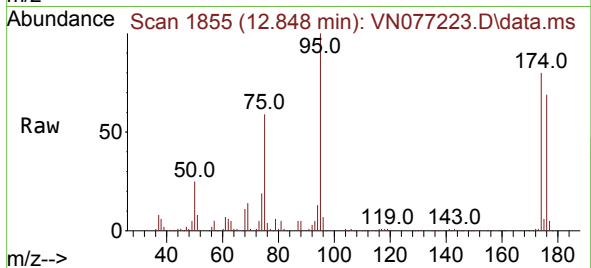




#81
trans-1,4-Dichloro-2-butene
Concen: 87.339 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.112 min
Lab File: VN077223.D
Acq: 28 Mar 2023 00:18

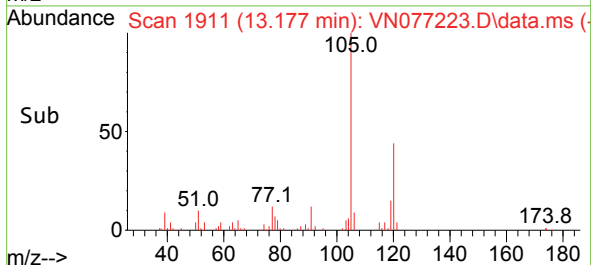
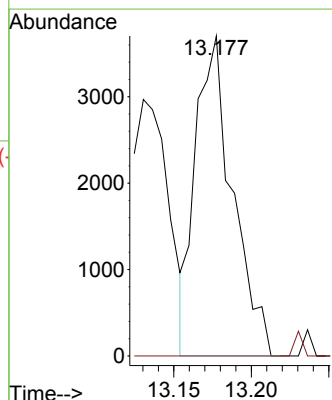
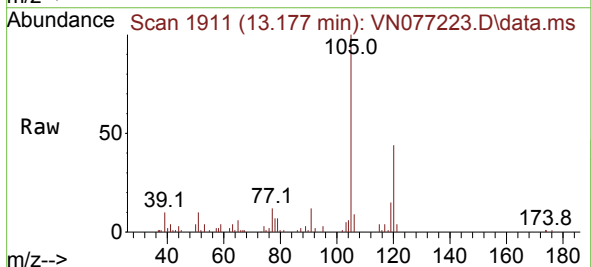
Instrument :
MSVOA_N
ClientSampleId :
WASTE-DRUM-SOIL

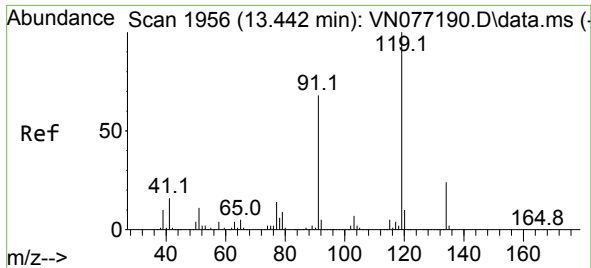
Tgt Ion: 75 Resp: 161979
Ion Ratio Lower Upper
75 100
53 0.2 67.4 101.0#
89 0.0 39.5 59.3#



#82
4-Chlorotoluene
Concen: 0.441 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.047 min
Lab File: VN077223.D
Acq: 28 Mar 2023 00:18

Tgt Ion: 91 Resp: 6155
Ion Ratio Lower Upper
91 100
126 0.0 18.0 54.0#

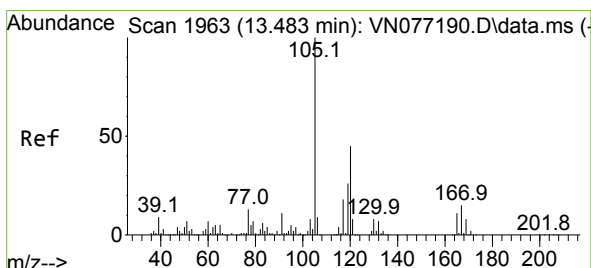
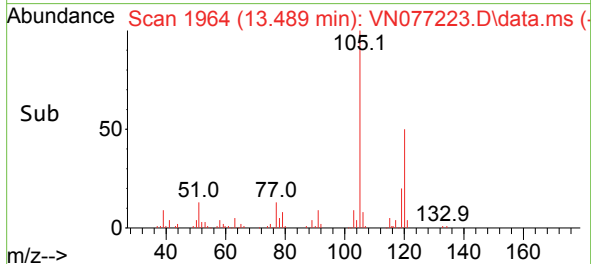
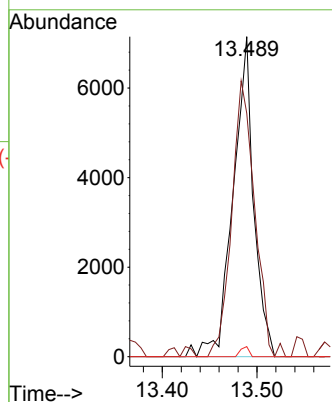
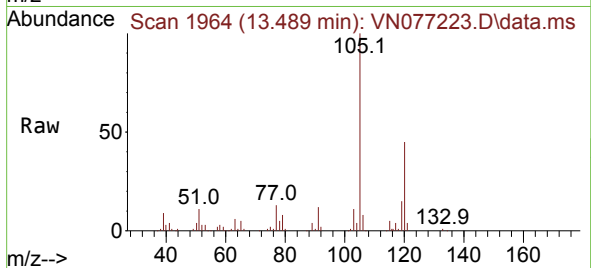




#83
tert-Butylbenzene
Concen: 0.740 ug/l
RT: 13.489 min Scan# 1956
Delta R.T. 0.047 min
Lab File: VN077223.D
Acq: 28 Mar 2023 00:18

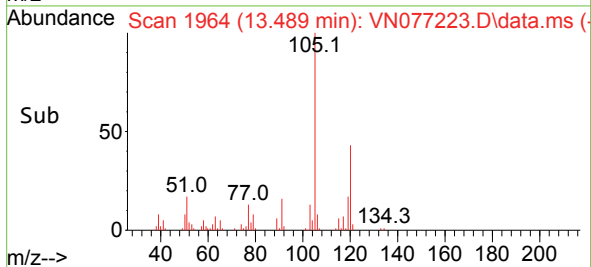
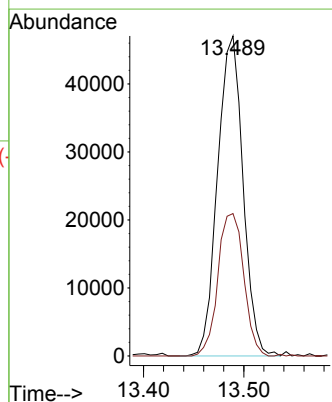
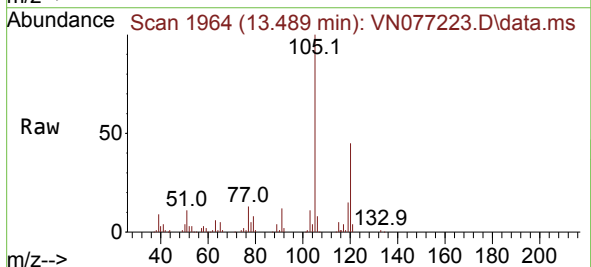
Instrument :
MSVOA_N
ClientSampleId :
WASTE-DRUM-SOIL

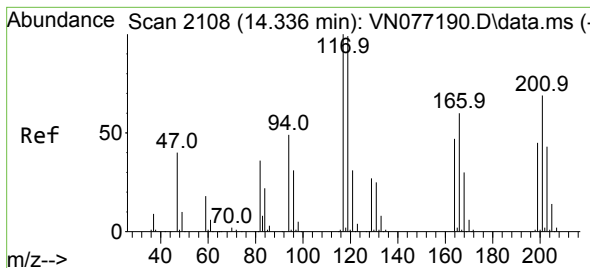
Tgt Ion:119 Resp: 10808
Ion Ratio Lower Upper
119 100
91 95.9 31.9 95.5#
134 1.3 13.8 41.4#



#84
1,2,4-Trimethylbenzene
Concen: 4.879 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077223.D
Acq: 28 Mar 2023 00:18

Tgt Ion:105 Resp: 82781
Ion Ratio Lower Upper
105 100
120 45.2 23.6 70.8





#90

Hexachloroethane

Concen: 0.754 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VN077223.D

Acq: 28 Mar 2023 00:18

Instrument :

MSVOA_N

ClientSampleId :

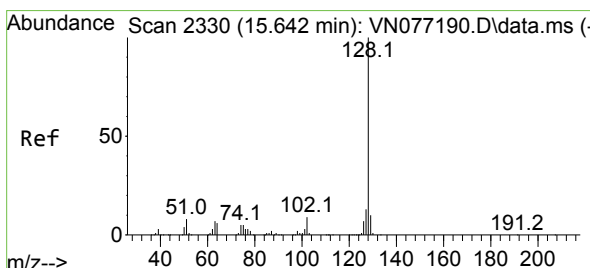
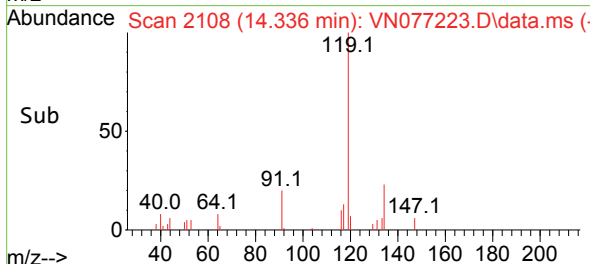
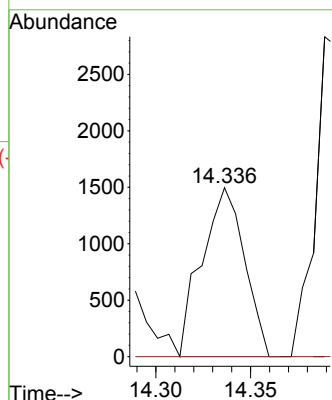
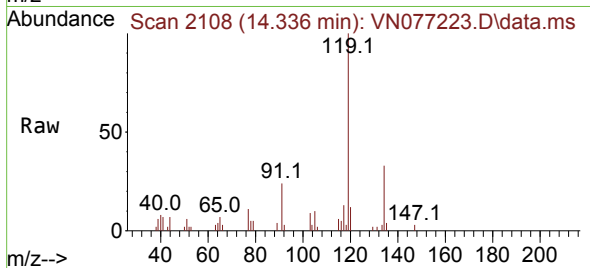
WASTE-DRUM-SOIL

Tgt Ion:117 Resp: 2345

Ion Ratio Lower Upper

117 100

201 0.0 31.9 95.7#



#95

Naphthalene

Concen: 6.387 ug/l

RT: 15.654 min Scan# 2332

Delta R.T. 0.012 min

Lab File: VN077223.D

Acq: 28 Mar 2023 00:18

Tgt Ion:128 Resp: 7551

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.4

129 0.0 8.9 13.3#

