

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032723\
 Data File : VN077227.D
 Acq On : 28 Mar 2023 01:55
 Operator : JC\MD
 Sample : 02084-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WASTE-DRUM-WATER

Quant Time: Mar 28 07:50:42 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	334463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	594000	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	570723	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.789	152	548748	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	258353	49.403	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.800%
35) Dibromofluoromethane	8.172	113	169756	42.117	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	84.240%
50) Toluene-d8	10.572	98	762531	50.490	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.980%
62) 4-Bromofluorobenzene	12.848	95	481942	97.232	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	194.460%#

Target Compounds				Qvalue		
3) Chloromethane	2.525	50	103048	21.054	ug/l #	68
11) Tert butyl alcohol	5.525	59	1177	1.651	ug/l #	72
13) Acrolein	4.160	56	134339	134.386	ug/l #	1
14) Allyl chloride	5.160	41	182664	28.173	ug/l #	20
15) Acrylonitrile	5.819	53	43203	19.444	ug/l #	41
16) Acetone	4.437	43	368533	189.532	ug/l #	75
18) Methyl Acetate	5.137	43	39817	5.118	ug/l #	42
20) Methylene Chloride	5.143	84	10462	2.416	ug/l #	14
22) Diisopropyl ether	6.684	45	3368	0.241	ug/l #	1
23) Vinyl Acetate	6.601	43	24597	2.728	ug/l #	64
24) 1,1-Dichloroethane	6.607	63	2288	0.293	ug/l #	80
25) 2-Butanone	7.489	43	97720	32.141	ug/l #	82
26) 2,2-Dichloropropane	7.337	77	16328	3.030	ug/l #	53
27) cis-1,2-Dichloroethene	7.489	96	1681	0.385	ug/l	80
29) Tetrahydrofuran	7.860	42	3296	1.636	ug/l #	43
30) Chloroform	7.995	83	2760	0.359	ug/l #	48
31) Cyclohexane	8.266	56	1071296	147.466	ug/l	85
36) 1,1-Dichloropropene	8.231	75	31884	5.684	ug/l #	49
37) Ethyl Acetate	7.489	43	97720	15.628	ug/l #	65
38) Carbon Tetrachloride	8.231	117	36570	6.430	ug/l #	13
39) Methylcyclohexane	9.607	83	908445	138.655	ug/l #	85
40) Benzene	8.613	78	17348672	1009.110	ug/l	98
41) Methacrylonitrile	7.742	41	3236	0.947	ug/l #	19
42) 1,2-Dichloroethane	8.613	62	167836	25.892	ug/l	81
43) Isopropyl Acetate	8.713	43	56942	5.645	ug/l #	48
45) 1,2-Dichloropropane	9.607	63	11990	2.622	ug/l #	1
48) Methyl methacrylate	9.607	41	594443	122.370	ug/l #	54
51) 4-Methyl-2-Pentanone	10.348	43	121532	19.148	ug/l #	40
53) t-1,3-Dichloropropene	10.636	75	996091	165.160	ug/l #	1
55) 1,1,2-Trichloroethane	11.007	97	76746	18.646	ug/l #	22
56) Ethyl methacrylate	10.919	69	35282	5.807	ug/l #	36
59) 2-Hexanone	11.207	43	36177	7.931	ug/l #	50
65) Chlorobenzene	11.901	112	3382	0.294	ug/l #	78
67) Ethyl Benzene	11.960	91	17505375	836.820	ug/l	91
68) m/p-Xylenes	11.966	106	6866873	863.044	ug/l #	62
69) o-Xylene	12.401	106	9590176	1244.674	ug/l	88

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 Response via : Initial Calibration

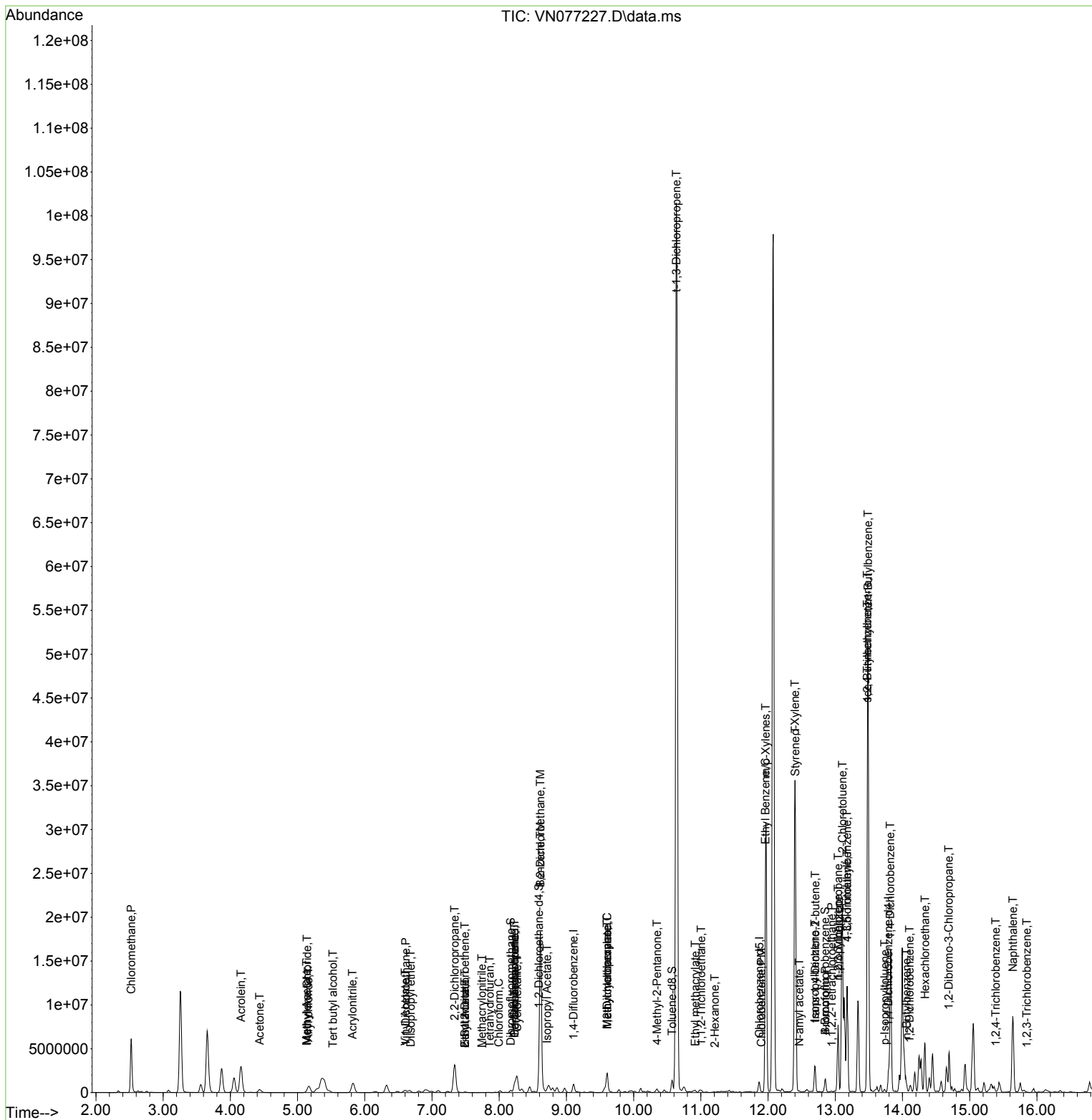
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

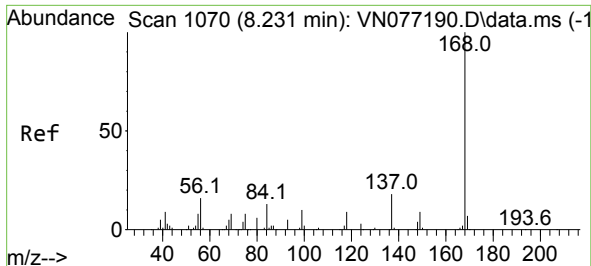
70) Styrene	12.407	104	526727	42.322	ug/l #	1
71) Bromoform	12.854	173	4157	1.336	ug/l #	1
73) Isopropylbenzene	12.695	105	1907018	44.169	ug/l	96
74) N-amyl acetate	12.466	43	23009	1.223	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.948	83	8880	0.616	ug/l #	26
76) 1,2,3-Trichloropropane	13.042	75	37736	3.390	ug/l #	1
78) n-propylbenzene	13.042	91	5453760	109.530	ug/l	95
79) 2-Chlorotoluene	13.107	91	1740403	56.840	ug/l #	41
80) 1,3,5-Trimethylbenzene	13.177	105	6749872	187.732	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.701	75	25443	6.587	ug/l #	50
82) 4-Chlorotoluene	13.177	91	754579	25.963	ug/l #	39
83) tert-Butylbenzene	13.489	119	3629944	119.369	ug/l #	54
84) 1,2,4-Trimethylbenzene	13.477	105	19479048	551.295	ug/l	70
85) sec-Butylbenzene	13.477	105	19479048	449.111	ug/l #	55
86) p-Isopropyltoluene	13.736	119	140428	4.043	ug/l #	78
88) 1,4-Dichlorobenzene	13.818	146	20596	1.148	ug/l #	75
89) n-Butylbenzene	14.060	91	423167	14.859	ug/l #	80
90) Hexachloroethane	14.336	117	294565	45.504	ug/l #	18
91) 1,2-Dichlorobenzene	14.107	146	98235	5.490	ug/l #	82
92) 1,2-Dibromo-3-Chloropr...	14.689	75	17852	6.996	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.389	180	495	4.428	ug/l #	47
95) Naphthalene	15.642	128	7979784	245.195	ug/l	99
96) 1,2,3-Trichlorobenzene	15.848	180	327	4.683	ug/l #	35

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

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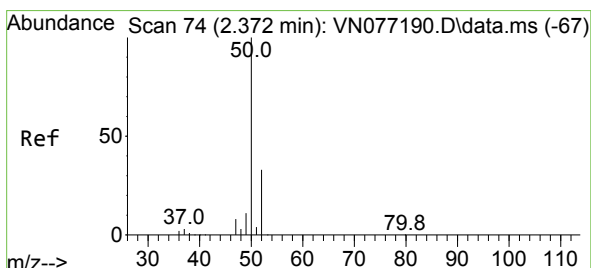
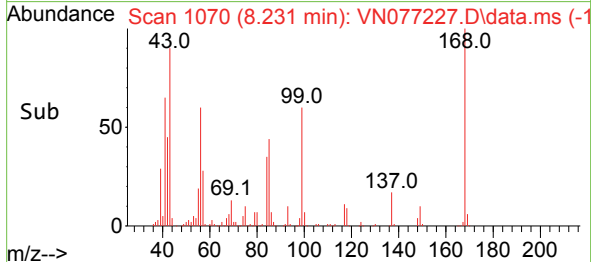
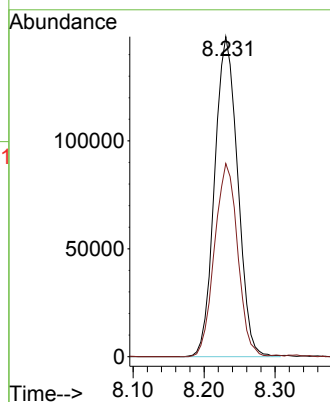
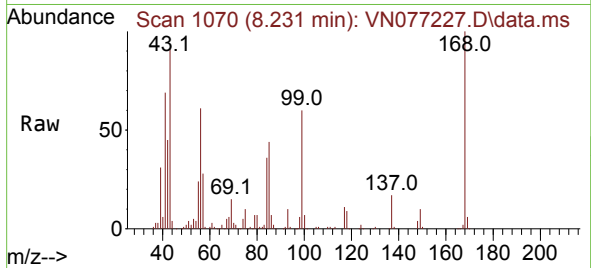




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
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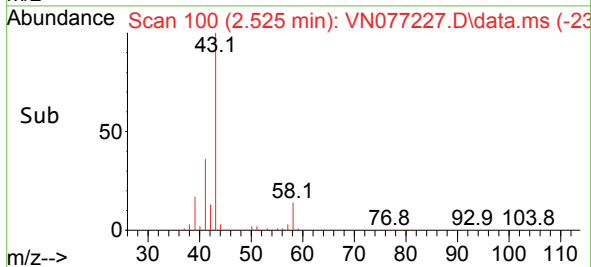
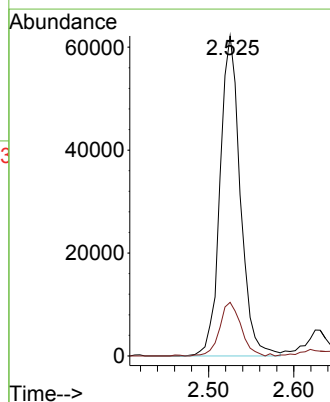
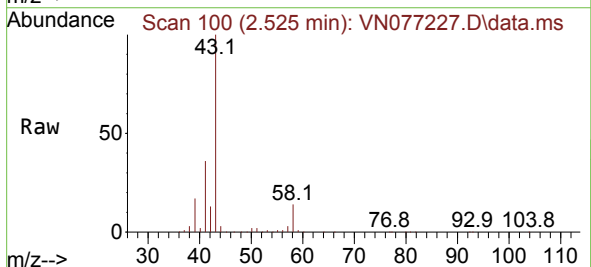
Instrument :
MSVOA_N
ClientSampleId :
WASTE-DRUM-WATER

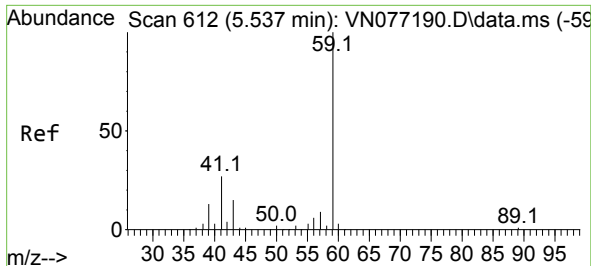
Tgt Ion:168 Resp: 334463
Ion Ratio Lower Upper
168 100
99 60.4 48.6 73.0



#3
Chloromethane
Concen: 21.054 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.153 min
Lab File: VN077227.D
Acq: 28 Mar 2023 01:55

Tgt Ion: 50 Resp: 103048
Ion Ratio Lower Upper
50 100
52 16.5 27.9 41.9#

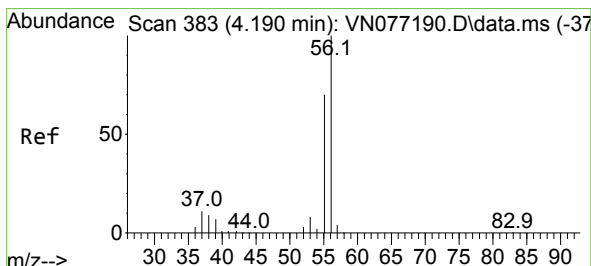
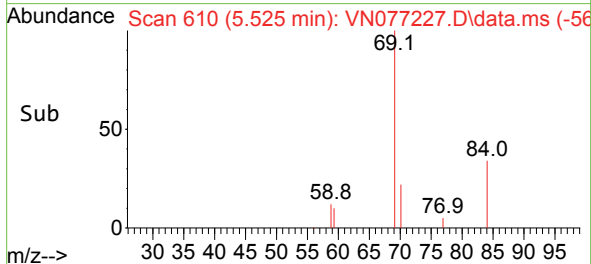
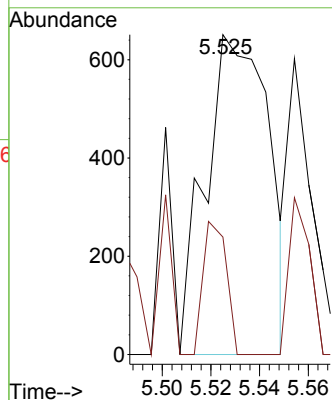
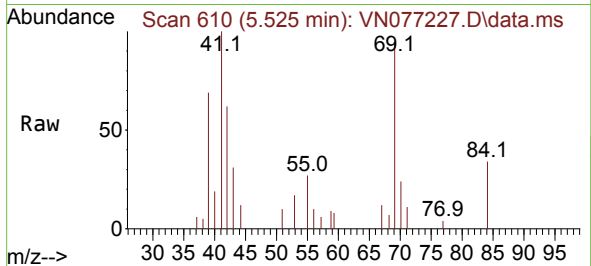




#11
Tert butyl alcohol
Concen: 1.651 ug/l
RT: 5.525 min Scan# 612
Delta R.T. -0.012 min
Lab File: VN077227.D
Acq: 28 Mar 2023 01:55

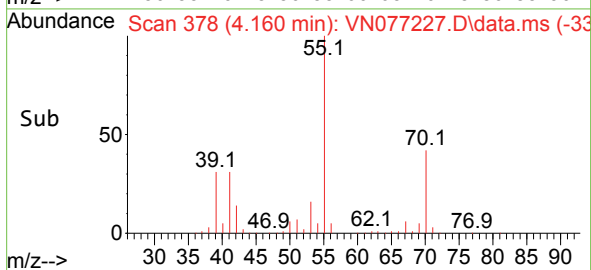
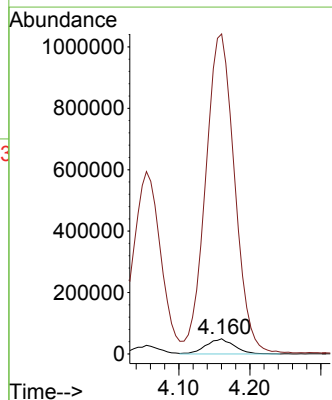
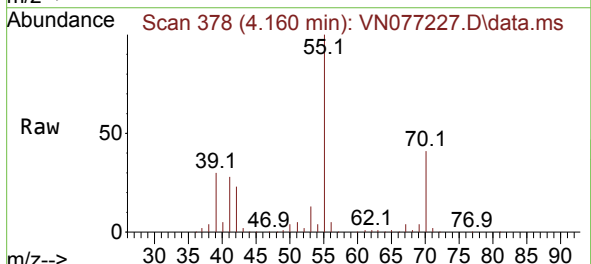
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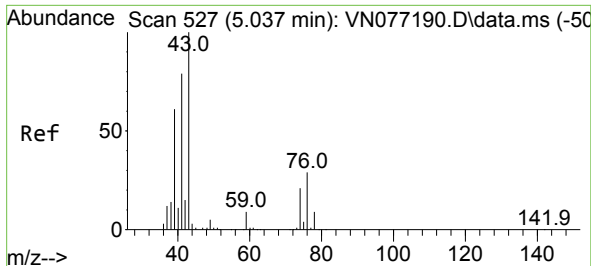
Tgt Ion: 59 Resp: 1177
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#13
Acrolein
Concen: 134.386 ug/l
RT: 4.160 min Scan# 378
Delta R.T. -0.030 min
Lab File: VN077227.D
Acq: 28 Mar 2023 01:55

Tgt Ion: 56 Resp: 134339
Ion Ratio Lower Upper
56 100
55 2188.6 56.7 85.1#

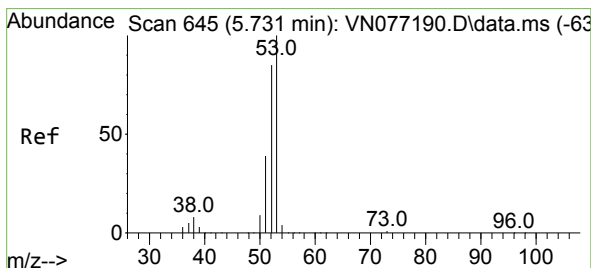
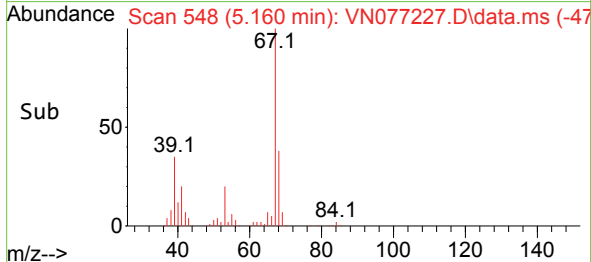
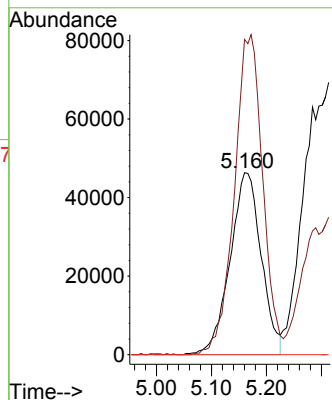
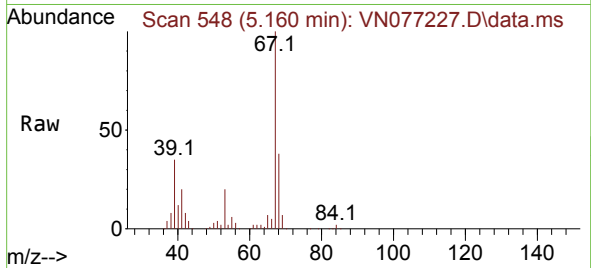




#14
 Allyl chloride
 Concen: 28.173 ug/l
 RT: 5.160 min Scan# 54
 Delta R.T. 0.123 min
 Lab File: VN077227.D
 Acq: 28 Mar 2023 01:55

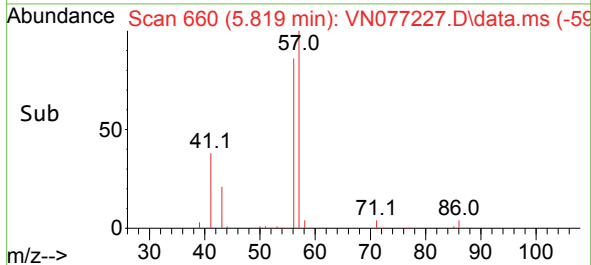
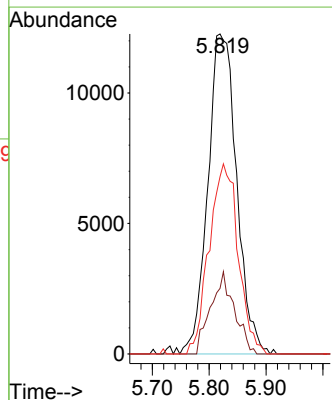
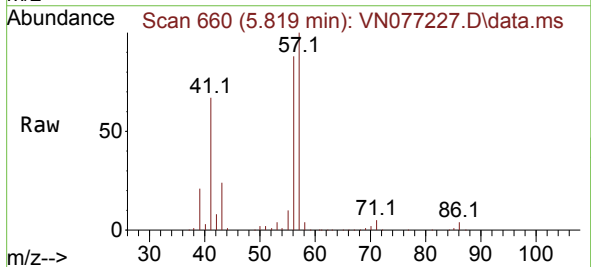
Instrument :
 MSVOA_N
 ClientSampleId :
 WASTE-DRUM-WATER

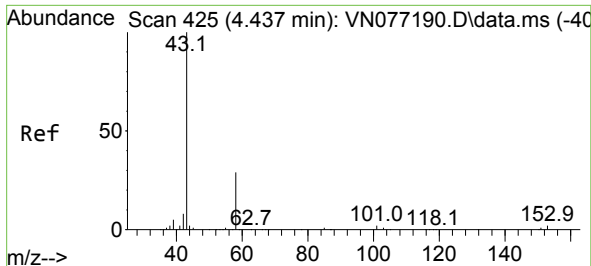
Tgt Ion: 41 Resp: 182664
 Ion Ratio Lower Upper
 41 100
 39 160.1 68.1 102.1#
 76 0.0 44.1 66.1#



#15
 Acrylonitrile
 Concen: 19.444 ug/l
 RT: 5.819 min Scan# 660
 Delta R.T. 0.088 min
 Lab File: VN077227.D
 Acq: 28 Mar 2023 01:55

Tgt Ion: 53 Resp: 43203
 Ion Ratio Lower Upper
 53 100
 52 21.1 65.3 97.9#
 51 59.8 28.8 43.2#

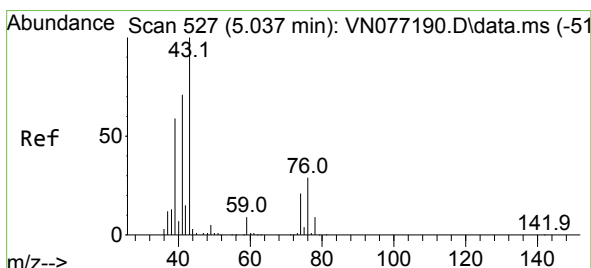
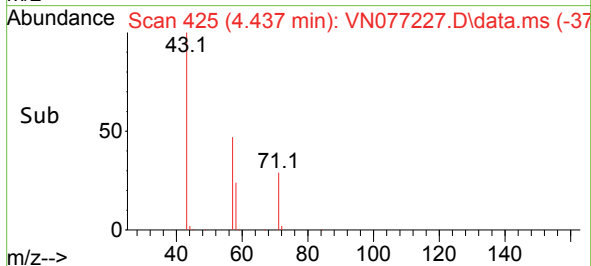
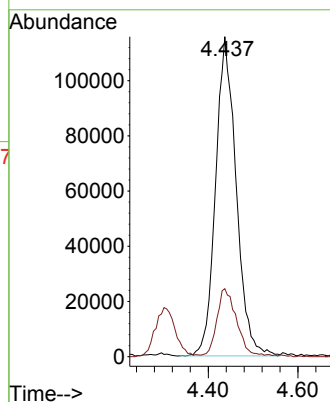
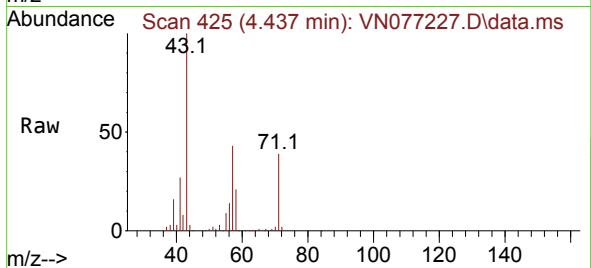




#16
Acetone
Concen: 189.532 ug/l
RT: 4.437 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077227.D
Acq: 28 Mar 2023 01:55

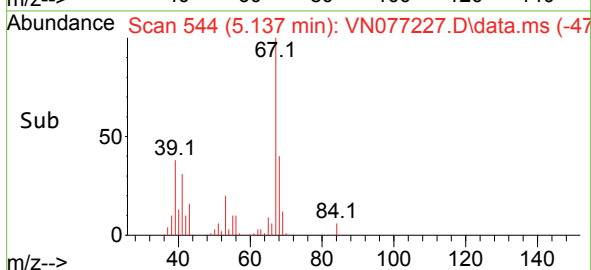
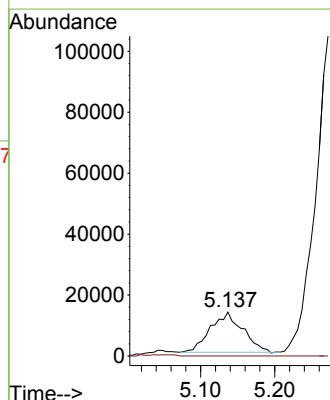
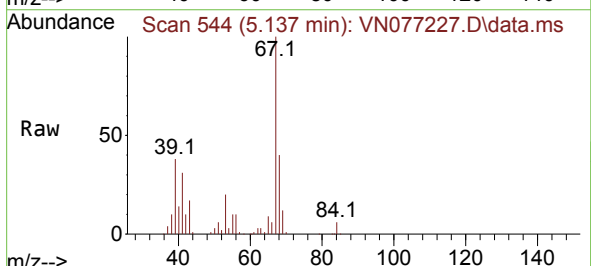
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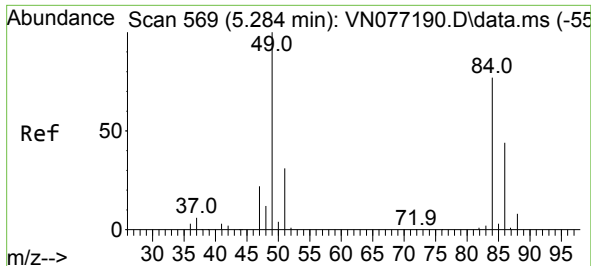
Tgt Ion: 43 Resp: 368533
Ion Ratio Lower Upper
43 100
58 20.7 28.2 42.2#



#18
Methyl Acetate
Concen: 5.118 ug/l
RT: 5.137 min Scan# 544
Delta R.T. 0.100 min
Lab File: VN077227.D
Acq: 28 Mar 2023 01:55

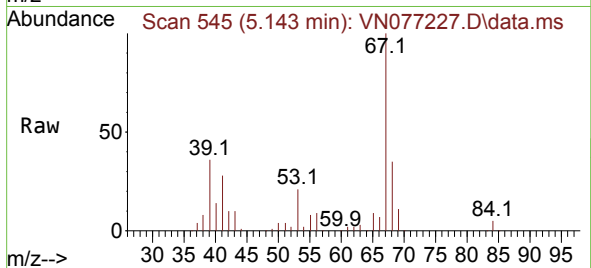
Tgt Ion: 43 Resp: 39817
Ion Ratio Lower Upper
43 100
74 0.0 25.9 38.9#



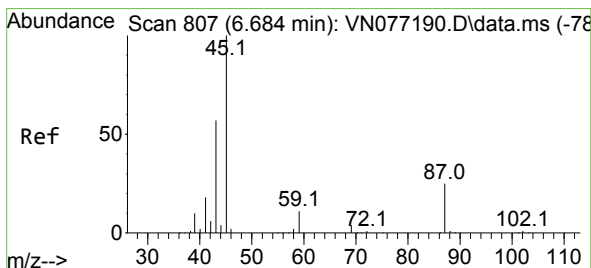
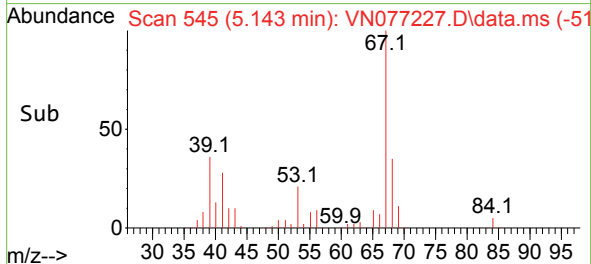
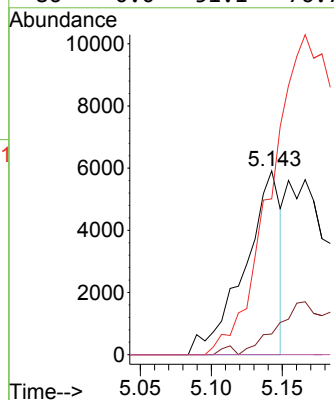


#20
Methylene Chloride
Concen: 2.416 ug/l
RT: 5.143 min Scan# 54
Delta R.T. -0.141 min
Lab File: VN077227.D
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ClientSampleId :
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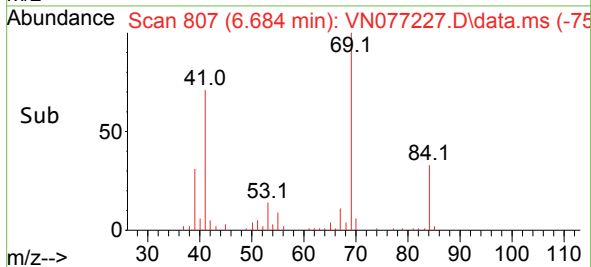
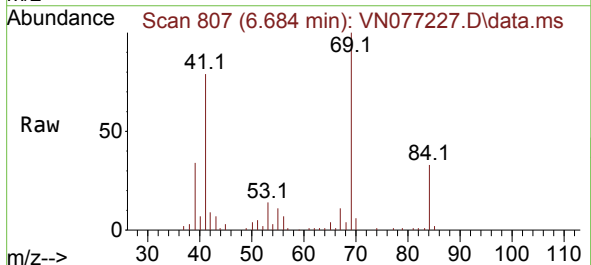
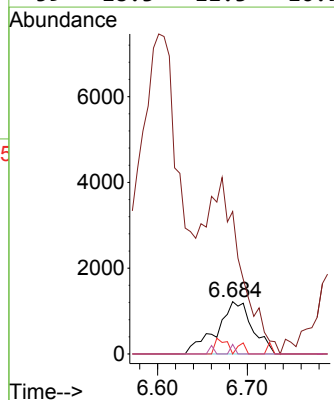


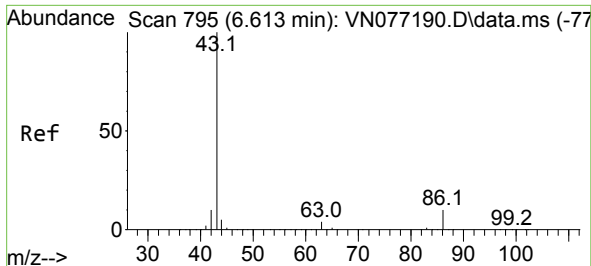
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Ion	Ratio	Lower	Upper
84	100		
49	11.2	76.6	114.8#
51	84.8	25.4	38.2#
86	0.0	51.1	76.7#



#22
Diisopropyl ether
Concen: 0.241 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN077227.D
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Tgt Ion:	45	Resp:	3368
Ion	Ratio	Lower	Upper
45	100		
43	272.3	42.6	63.8#
87	0.0	29.7	44.5#
59	18.3	11.3	16.9#

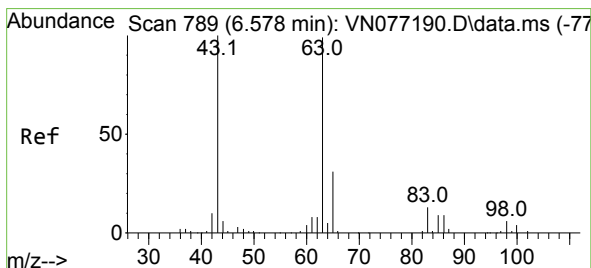
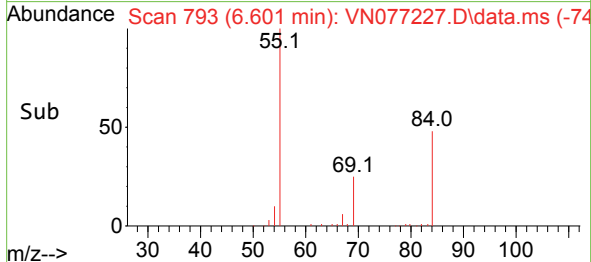
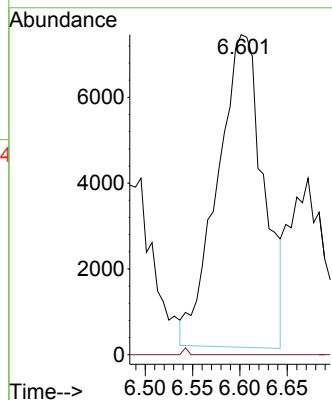
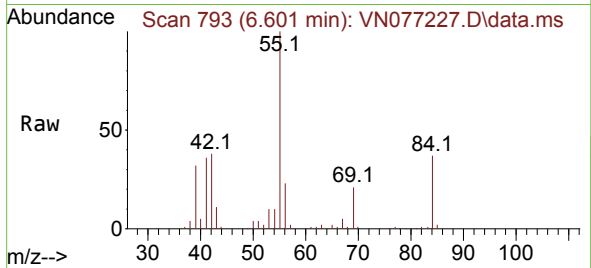




#23
 Vinyl Acetate
 Concen: 2.728 ug/l
 RT: 6.601 min Scan# 794
 Delta R.T. -0.012 min
 Lab File: VN077227.D
 Acq: 28 Mar 2023 01:55

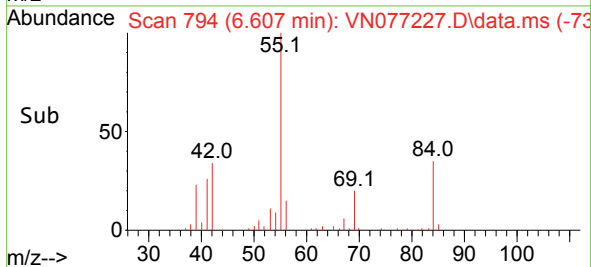
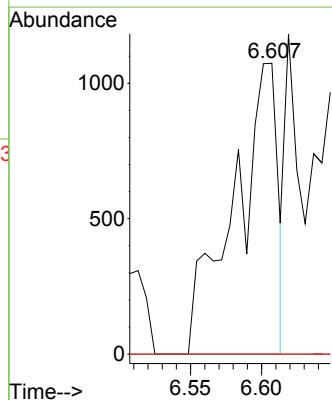
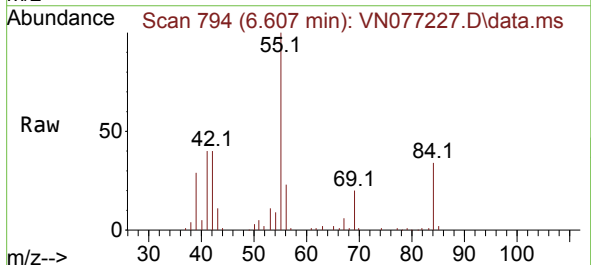
Instrument :
 MSVOA_N
 ClientSampleId :
 WASTE-DRUM-WATER

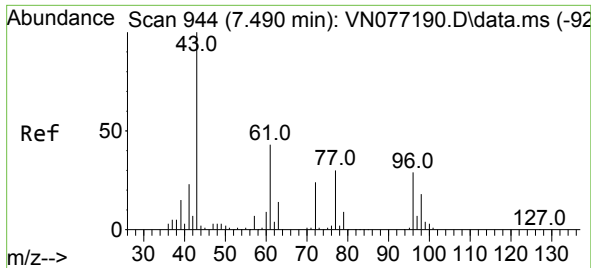
Tgt Ion: 43 Resp: 24597
 Ion Ratio Lower Upper
 43 100
 86 0.0 11.8 17.6#



#24
 1,1-Dichloroethane
 Concen: 0.293 ug/l
 RT: 6.607 min Scan# 794
 Delta R.T. 0.029 min
 Lab File: VN077227.D
 Acq: 28 Mar 2023 01:55

Tgt Ion: 63 Resp: 2288
 Ion Ratio Lower Upper
 63 100
 98 0.0 4.2 12.6#
 100 0.0 2.2 6.6#

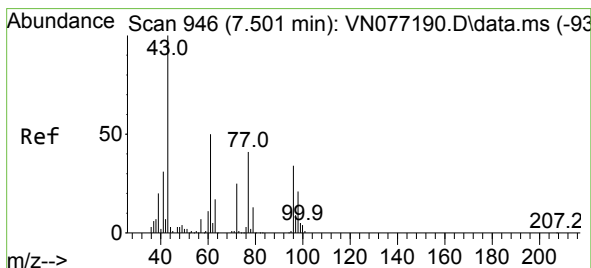
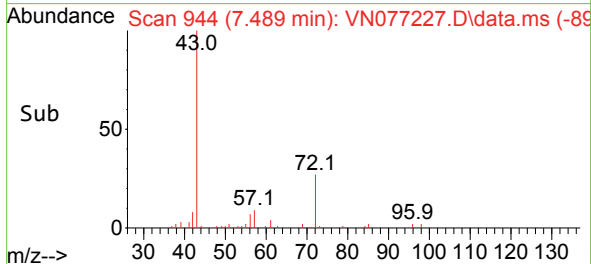
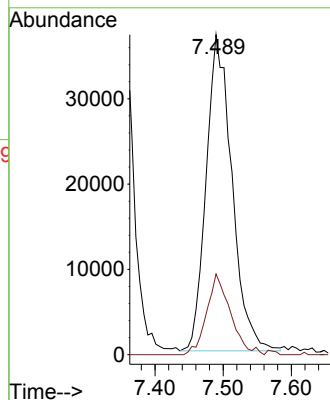
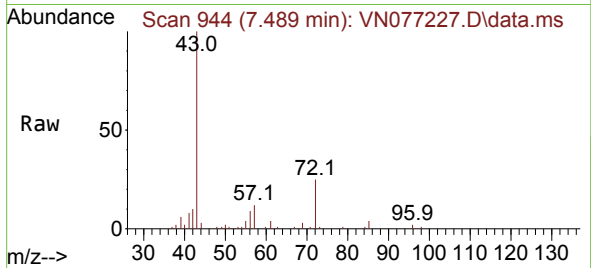




#25
2-Butanone
Concen: 32.141 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.001 min
Lab File: VN077227.D
Acq: 28 Mar 2023 01:55

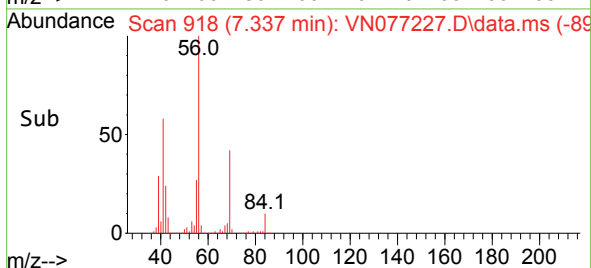
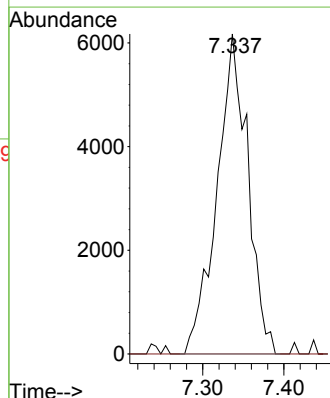
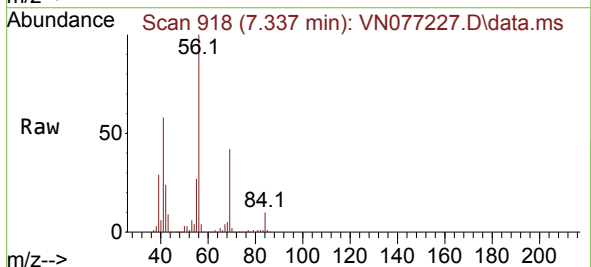
Instrument :
MSVOA_N
ClientSampleId :
WASTE-DRUM-WATER

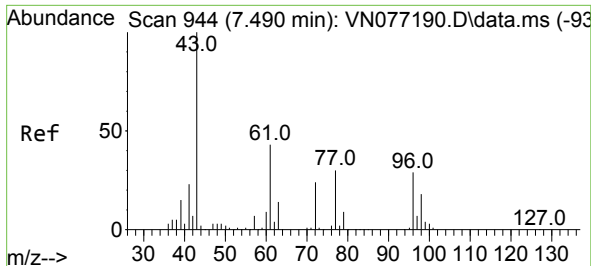
Tgt Ion: 43 Resp: 97720
Ion Ratio Lower Upper
43 100
72 25.5 28.8 43.2#



#26
2,2-Dichloropropane
Concen: 3.030 ug/l
RT: 7.337 min Scan# 918
Delta R.T. -0.164 min
Lab File: VN077227.D
Acq: 28 Mar 2023 01:55

Tgt Ion: 77 Resp: 16328
Ion Ratio Lower Upper
77 100
97 0.0 11.5 34.5#

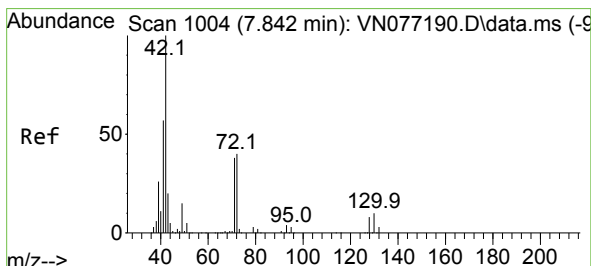
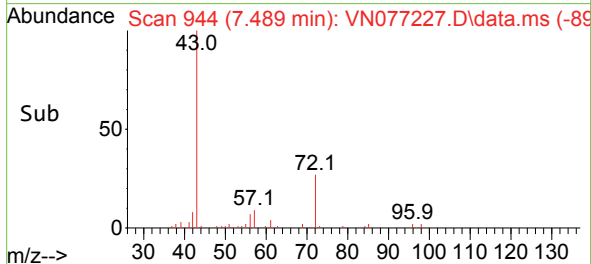
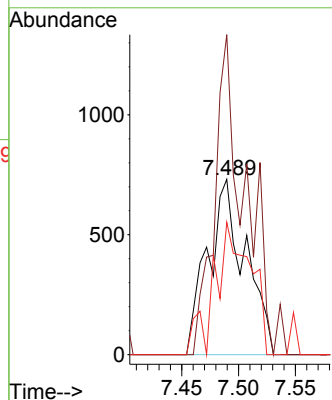
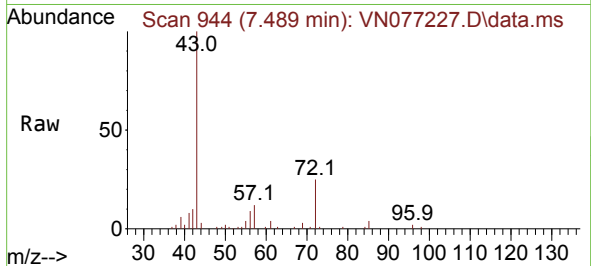




#27
cis-1,2-Dichloroethene
Concen: 0.385 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.001 min
Lab File: VN077227.D
Acq: 28 Mar 2023 01:55

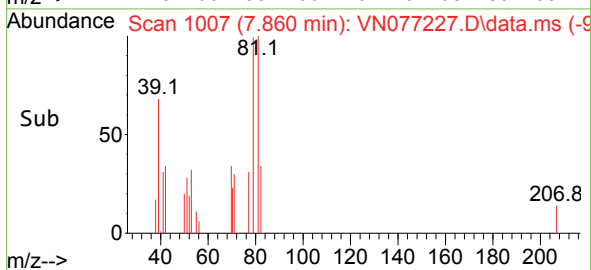
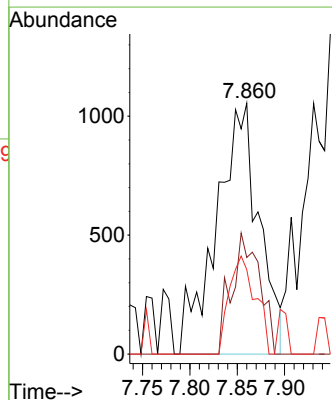
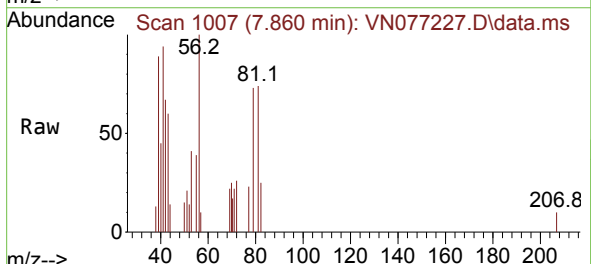
Instrument :
MSVOA_N
ClientSampleId :
WASTE-DRUM-WATER

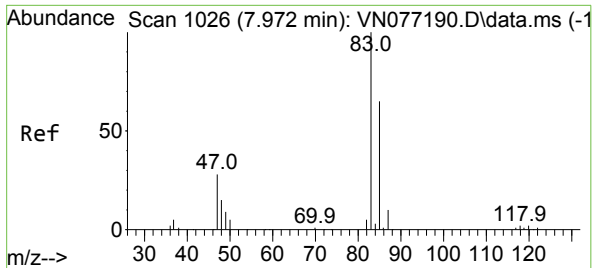
Tgt Ion: 96 Resp: 1681
Ion Ratio Lower Upper
96 100
61 100.5 0.0 255.6
98 72.9 0.0 127.4



#29
Tetrahydrofuran
Concen: 1.636 ug/l
RT: 7.860 min Scan# 1007
Delta R.T. 0.018 min
Lab File: VN077227.D
Acq: 28 Mar 2023 01:55

Tgt Ion: 42 Resp: 3296
Ion Ratio Lower Upper
42 100
72 31.9 48.6 73.0#
71 0.0 45.1 67.7#

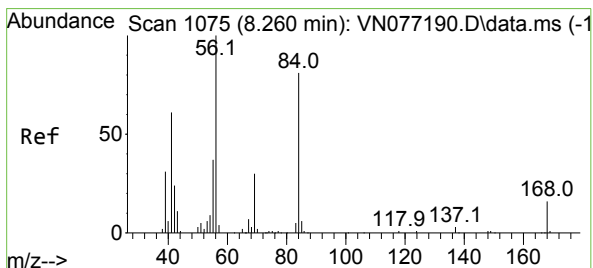
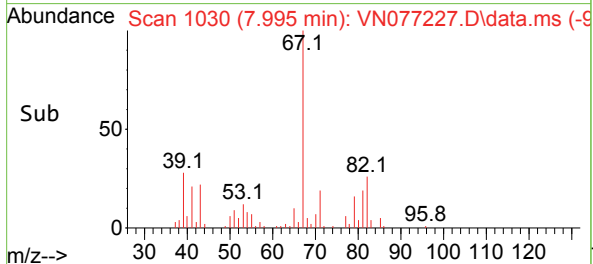
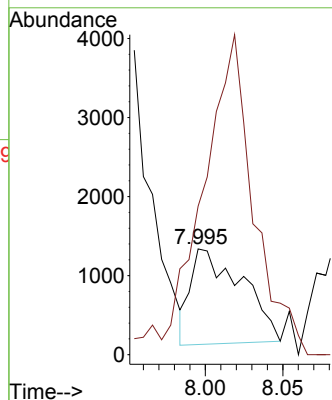
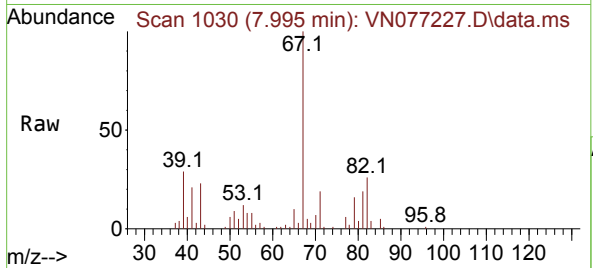




#30
Chloroform
Concen: 0.359 ug/l
RT: 7.995 min Scan# 1030
Delta R.T. 0.023 min
Lab File: VN077227.D
Acq: 28 Mar 2023 01:55

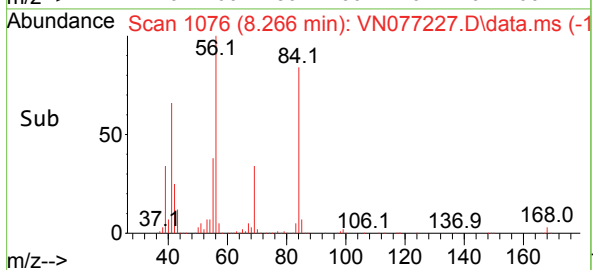
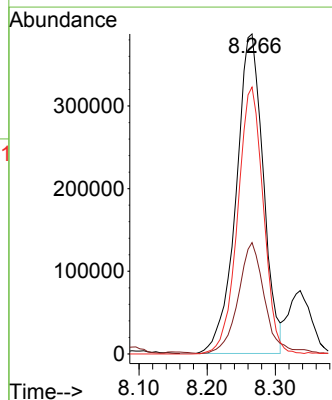
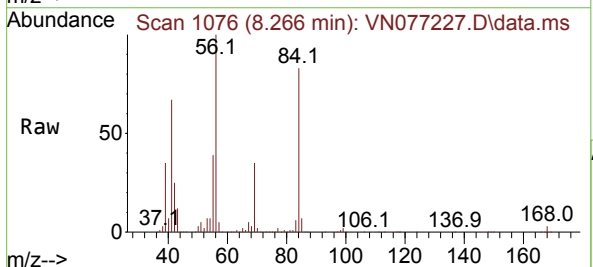
Instrument :
MSVOA_N
ClientSampleId :
WASTE-DRUM-WATER

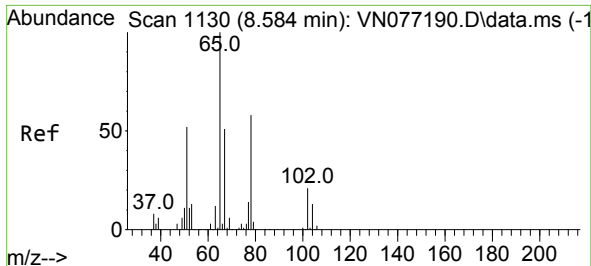
Tgt Ion: 83 Resp: 2760
Ion Ratio Lower Upper
83 100
85 105.0 51.3 76.9#



#31
Cyclohexane
Concen: 147.466 ug/l
RT: 8.266 min Scan# 1076
Delta R.T. 0.006 min
Lab File: VN077227.D
Acq: 28 Mar 2023 01:55

Tgt Ion: 56 Resp: 1071296
Ion Ratio Lower Upper
56 100
69 34.3 27.0 40.6
84 83.5 82.9 124.3





#33

1,2-Dichloroethane-d4

Concen: 49.403 ug/l

RT: 8.589 min Scan# 1130

Delta R.T. 0.005 min

Lab File: VN077227.D

Acq: 28 Mar 2023 01:55

Instrument :

MSVOA_N

ClientSampleId :

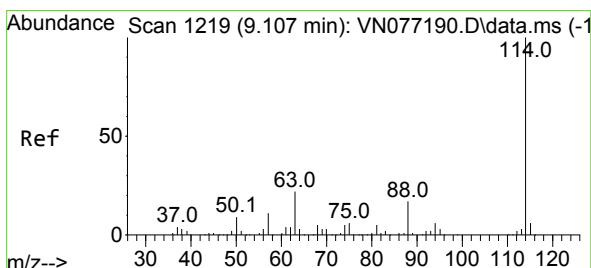
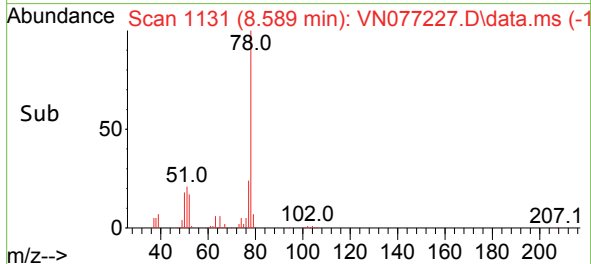
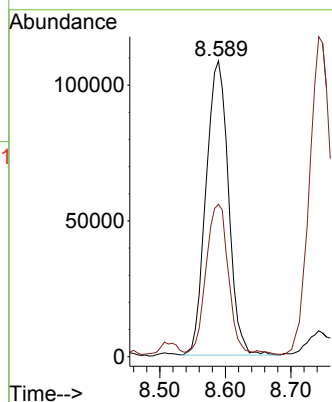
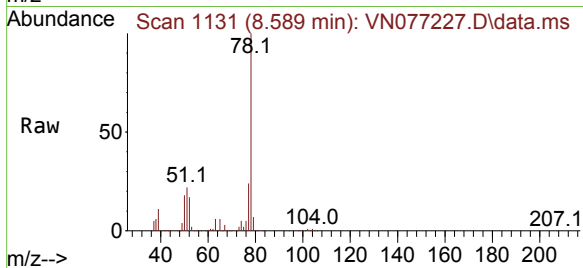
WASTE-DRUM-WATER

Tgt Ion: 65 Resp: 258353

Ion Ratio Lower Upper

65 100

67 49.1 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: VN077227.D

Acq: 28 Mar 2023 01:55

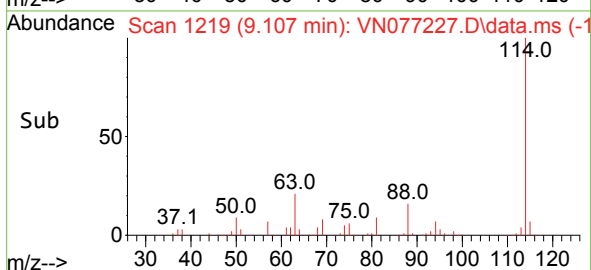
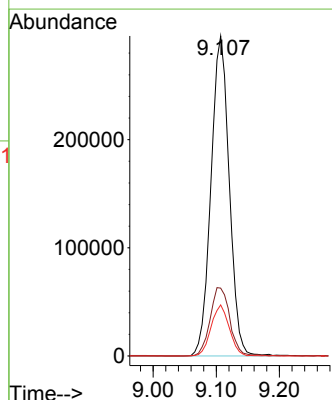
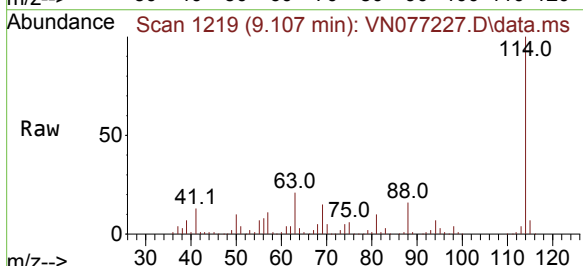
Tgt Ion: 114 Resp: 594000

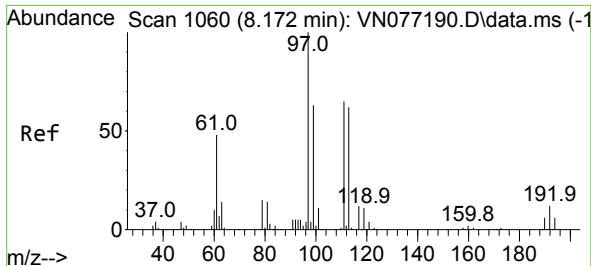
Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.6

88 15.9 0.0 28.6





#35

Dibromofluoromethane

Concen: 42.117 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077227.D

Acq: 28 Mar 2023 01:55

Instrument :

MSVOA_N

ClientSampleId :

WASTE-DRUM-WATER

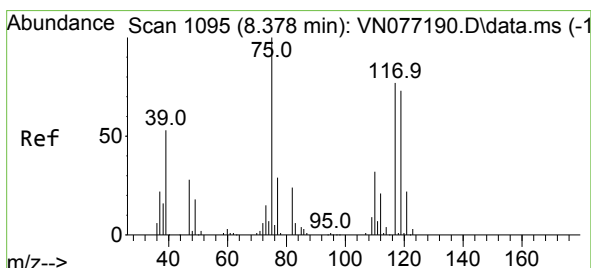
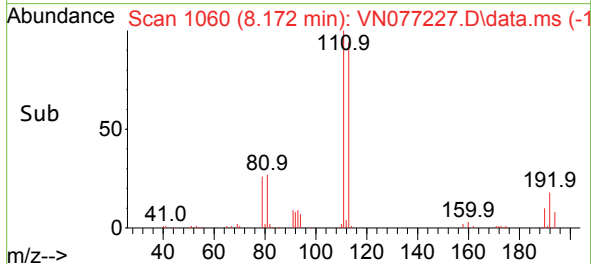
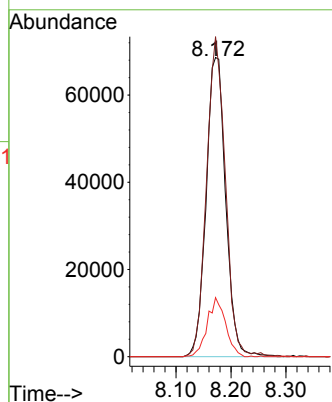
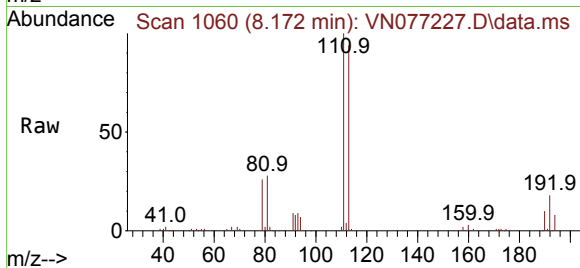
Tgt Ion:113 Resp: 169756

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.8

192 18.5 13.9 20.9



#36

1,1-Dichloropropene

Concen: 5.684 ug/l

RT: 8.231 min Scan# 1070

Delta R.T. -0.147 min

Lab File: VN077227.D

Acq: 28 Mar 2023 01:55

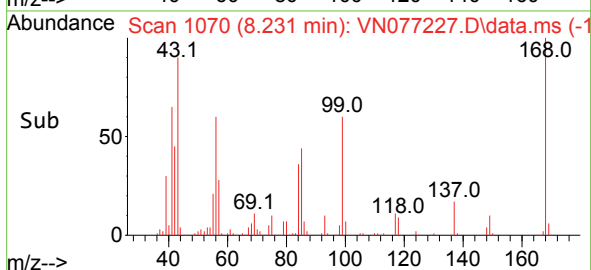
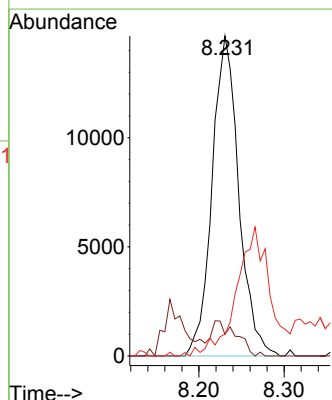
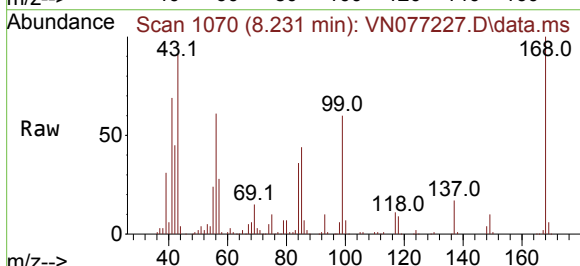
Tgt Ion: 75 Resp: 31884

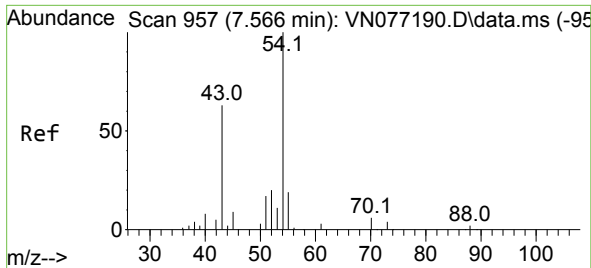
Ion Ratio Lower Upper

75 100

110 10.3 18.9 56.9#

77 0.0 24.9 37.3#

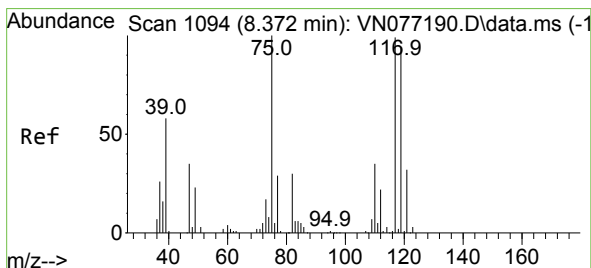
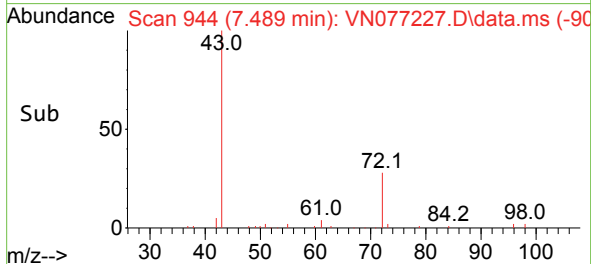
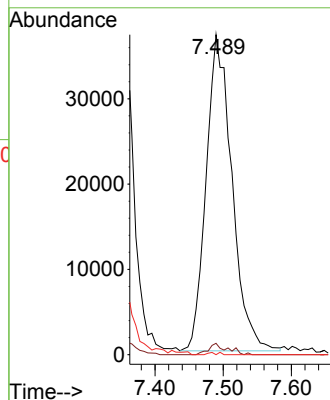
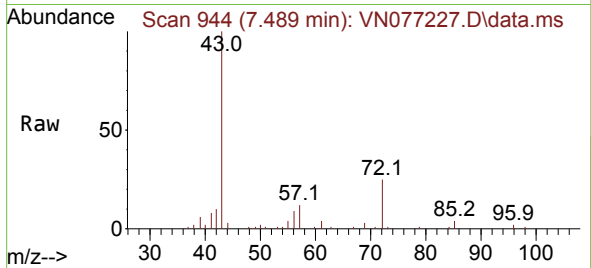




#37
Ethyl Acetate
Concen: 15.628 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.077 min
Lab File: VN077227.D
Acq: 28 Mar 2023 01:55

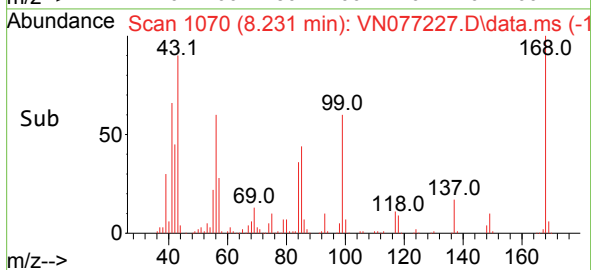
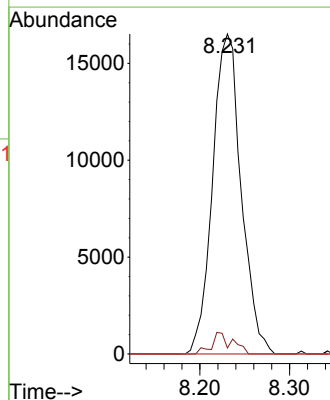
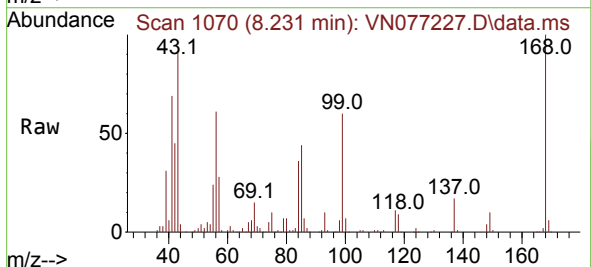
Instrument :
MSVOA_N
ClientSampleId :
WASTE-DRUM-WATER

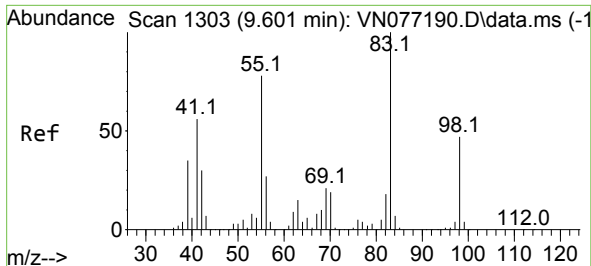
Tgt Ion: 43 Resp: 97720
Ion Ratio Lower Upper
43 100
61 1.7 13.5 20.3#
70 0.0 11.0 16.6#



#38
Carbon Tetrachloride
Concen: 6.430 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.141 min
Lab File: VN077227.D
Acq: 28 Mar 2023 01:55

Tgt Ion: 117 Resp: 36570
Ion Ratio Lower Upper
117 100
119 1.9 76.9 115.3#
121 0.0 23.2 34.8#





#39

Methylcyclohexane

Concen: 138.655 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VN077227.D

Acq: 28 Mar 2023 01:55

Instrument :

MSVOA_N

ClientSampleId :

WASTE-DRUM-WATER

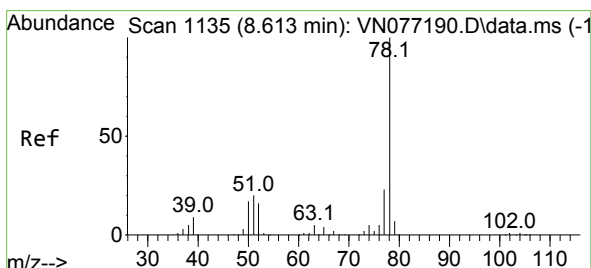
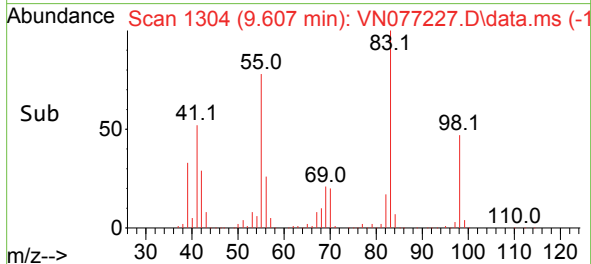
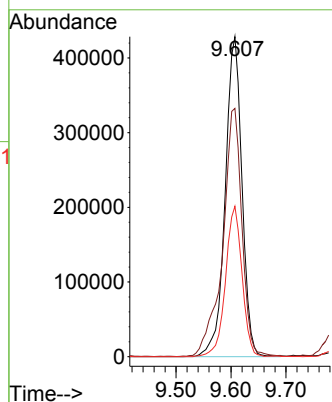
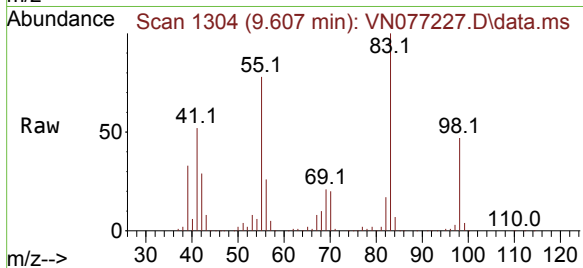
Tgt Ion: 83 Resp: 908445

Ion Ratio Lower Upper

83 100

55 77.5 47.0 70.4#

98 47.0 39.4 59.0



#40

Benzene

Concen: 1009.110 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN077227.D

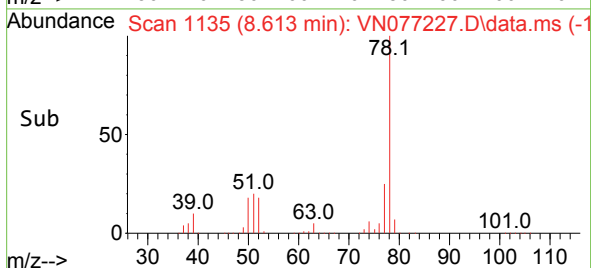
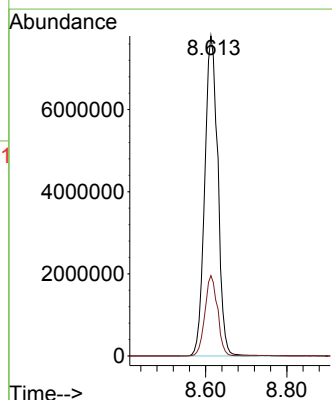
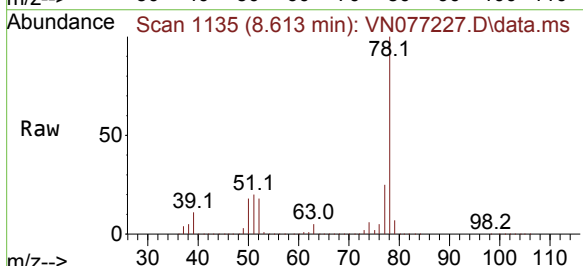
Acq: 28 Mar 2023 01:55

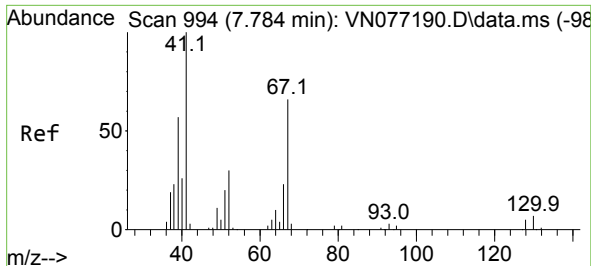
Tgt Ion: 78 Resp:17348672

Ion Ratio Lower Upper

78 100

77 25.1 19.3 28.9

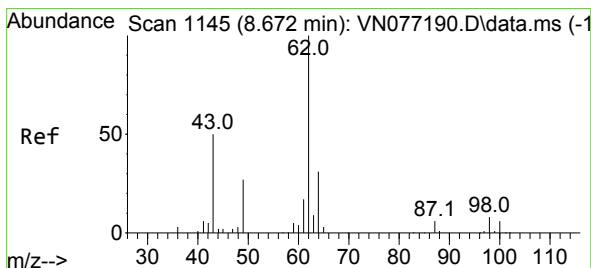
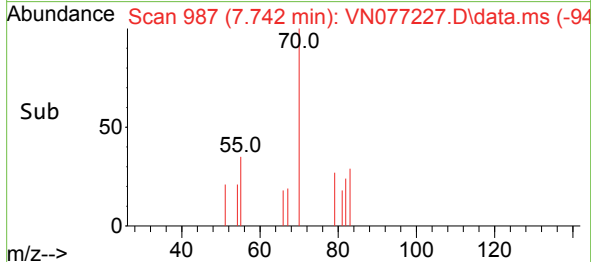
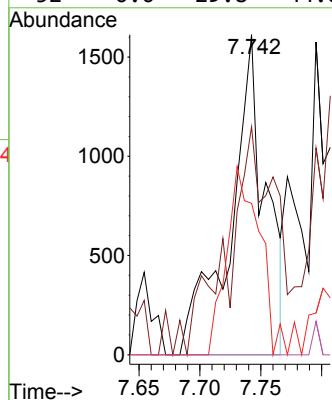
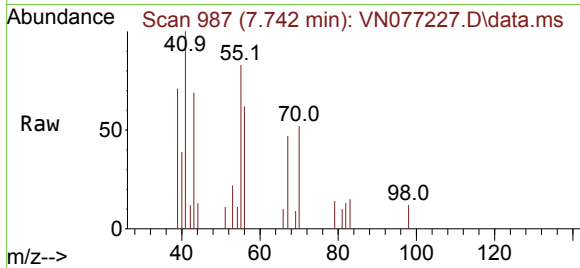




#41
Methacrylonitrile
Concen: 0.947 ug/l
RT: 7.742 min Scan# 91
Delta R.T. -0.042 min
Lab File: VN077227.D
Acq: 28 Mar 2023 01:55

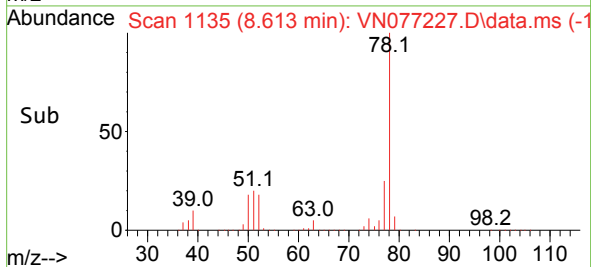
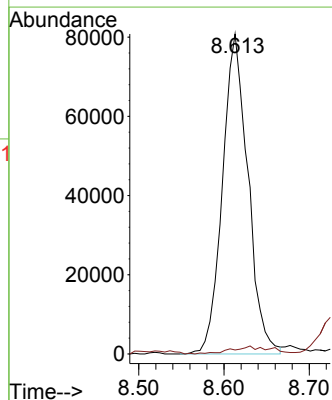
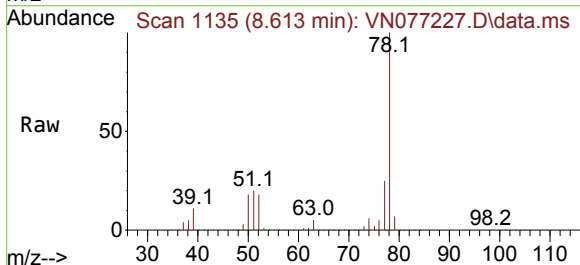
Instrument :
MSVOA_N
ClientSampleId :
WASTE-DRUM-WATER

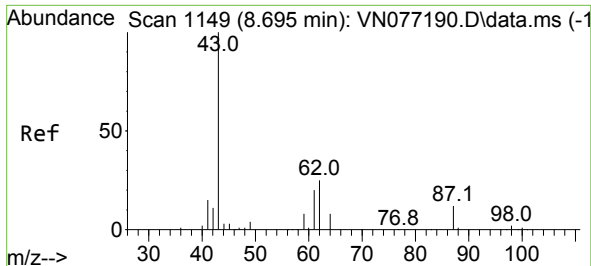
Tgt Ion: 41	Resp: 3236
Ion Ratio	Lower Upper
41 100	
39 98.4	43.4 65.0#
67 0.0	78.6 118.0#
52 0.0	29.8 44.8#



#42
1,2-Dichloroethane
Concen: 25.892 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.059 min
Lab File: VN077227.D
Acq: 28 Mar 2023 01:55

Tgt Ion: 62	Resp: 167836
Ion Ratio	Lower Upper
62 100	
98 3.7	0.0 21.8

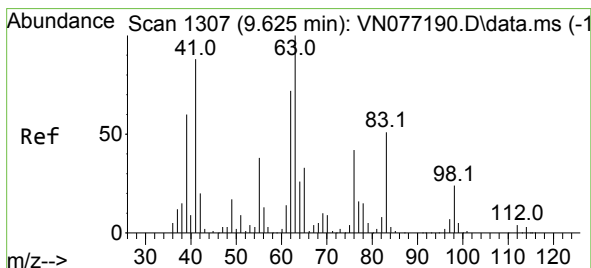
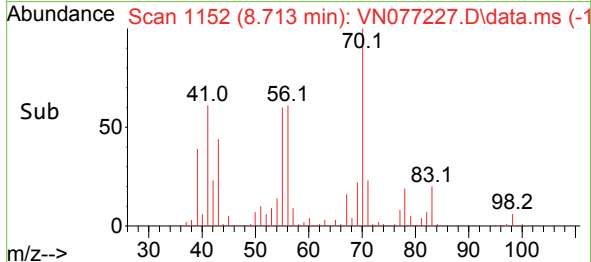
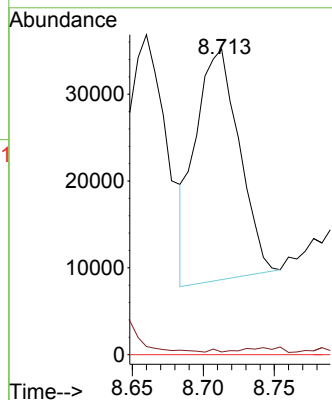
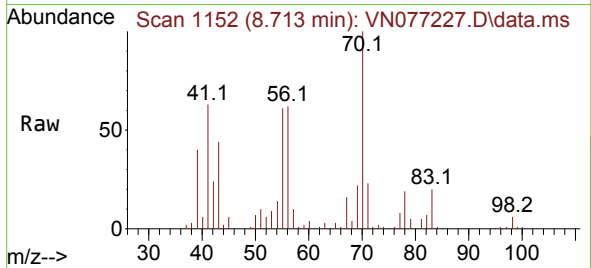




#43
Isopropyl Acetate
Concen: 5.645 ug/l
RT: 8.713 min Scan# 1152
Delta R.T. 0.018 min
Lab File: VN077227.D
Acq: 28 Mar 2023 01:55

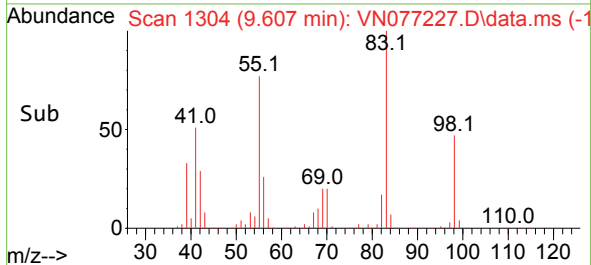
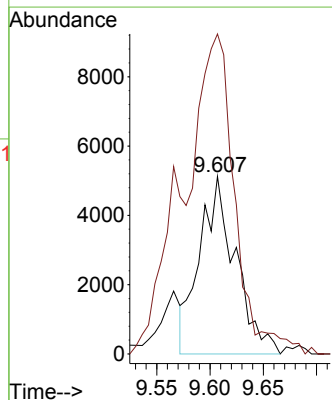
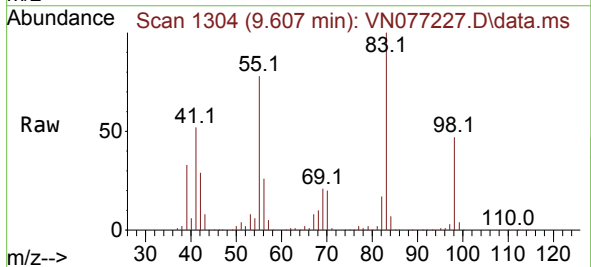
Instrument :
MSVOA_N
ClientSampleId :
WASTE-DRUM-WATER

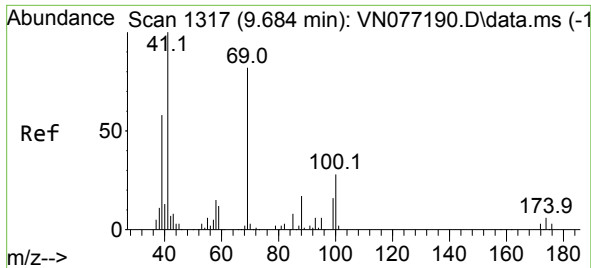
Tgt Ion: 43 Resp: 56942
Ion Ratio Lower Upper
43 100
61 0.0 26.2 39.2#
87 0.0 14.8 22.2#



#45
1,2-Dichloropropane
Concen: 2.622 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. -0.018 min
Lab File: VN077227.D
Acq: 28 Mar 2023 01:55

Tgt Ion: 63 Resp: 11990
Ion Ratio Lower Upper
63 100
65 171.5 25.0 37.6#

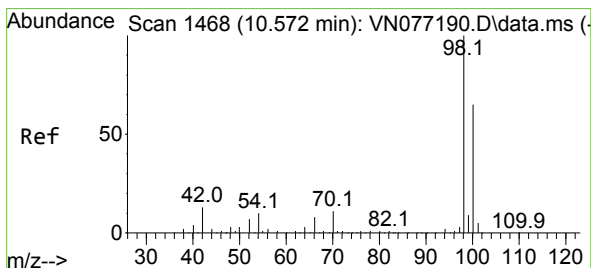
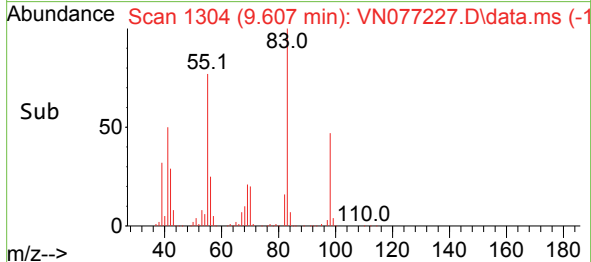
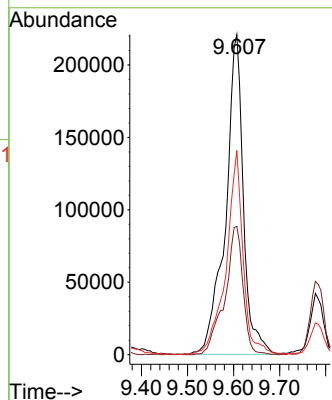
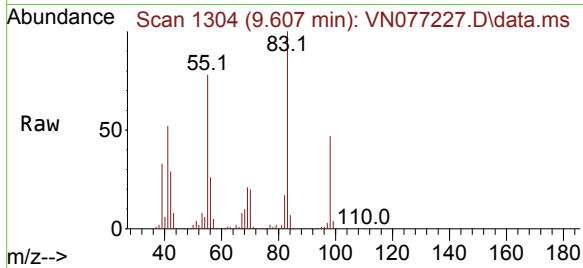




#48
Methyl methacrylate
Concen: 122.370 ug/l
RT: 9.607 min Scan# 11
Delta R.T. -0.077 min
Lab File: VN077227.D
Acq: 28 Mar 2023 01:55

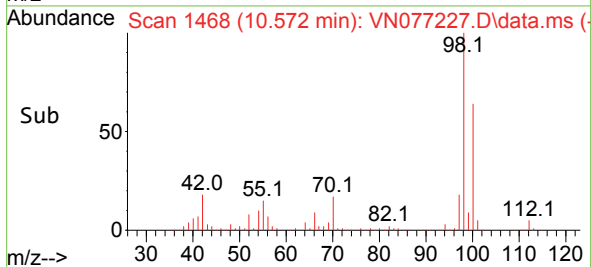
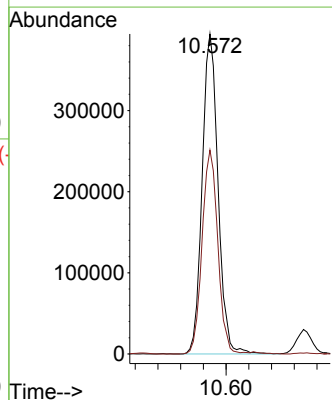
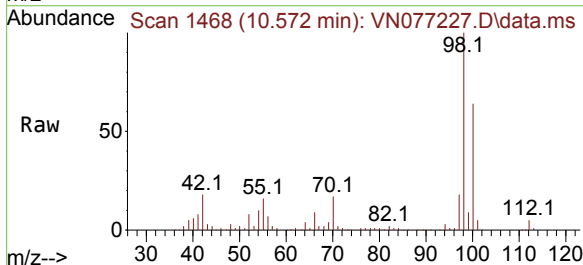
Instrument :
MSVOA_N
ClientSampleId :
WASTE-DRUM-WATER

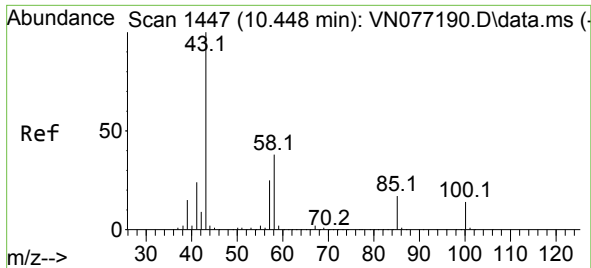
Tgt Ion: 41 Resp: 594443
Ion Ratio Lower Upper
41 100
69 40.9 92.6 139.0#
39 60.1 51.4 77.0



#50
Toluene-d8
Concen: 50.490 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077227.D
Acq: 28 Mar 2023 01:55

Tgt Ion: 98 Resp: 762531
Ion Ratio Lower Upper
98 100
100 63.1 52.8 79.2

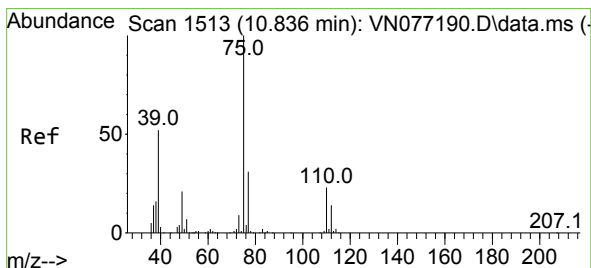
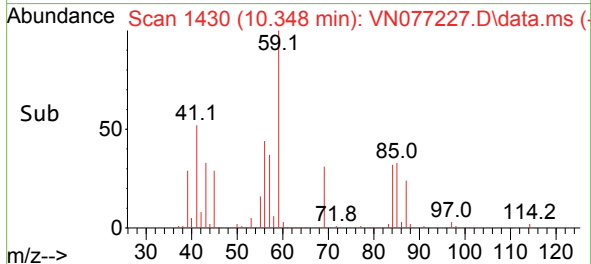
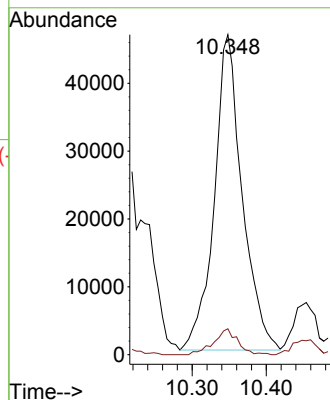
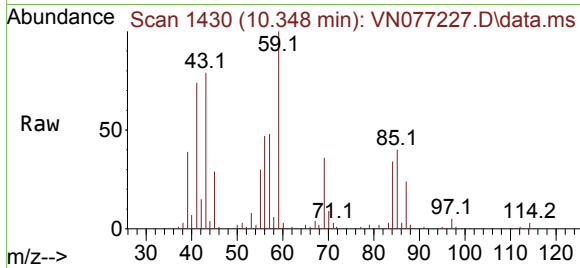




#51
4-Methyl-2-Pentanone
Concen: 19.148 ug/l
RT: 10.348 min Scan# 1447
Delta R.T. -0.100 min
Lab File: VN077227.D
Acq: 28 Mar 2023 01:55

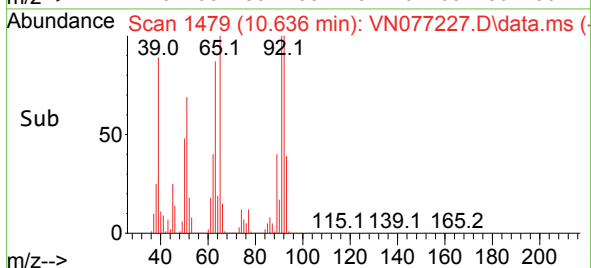
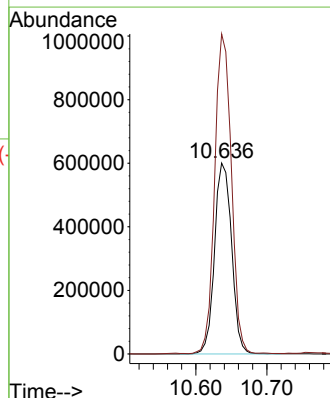
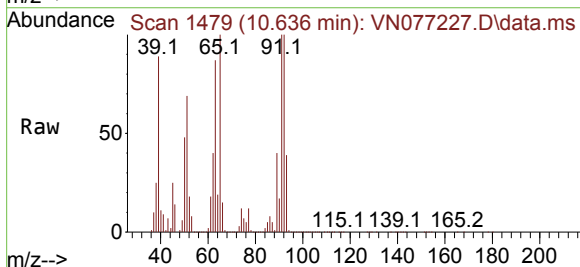
Instrument :
MSVOA_N
ClientSampleId :
WASTE-DRUM-WATER

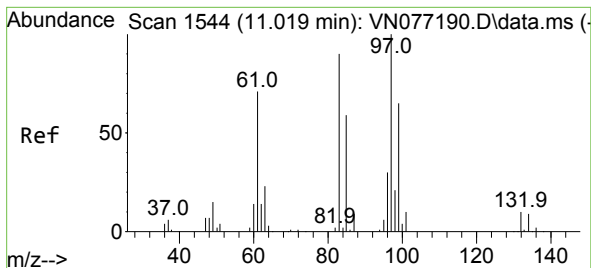
Tgt Ion: 43 Resp: 121532
Ion Ratio Lower Upper
43 100
58 7.1 37.4 56.0#



#53
t-1,3-Dichloropropene
Concen: 165.160 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. -0.200 min
Lab File: VN077227.D
Acq: 28 Mar 2023 01:55

Tgt Ion: 75 Resp: 996091
Ion Ratio Lower Upper
75 100
77 167.4 25.0 37.6#





#55

1,1,2-Trichloroethane

Concen: 18.646 ug/l

RT: 11.007 min Scan# 1542

Delta R.T. -0.012 min

Lab File: VN077227.D

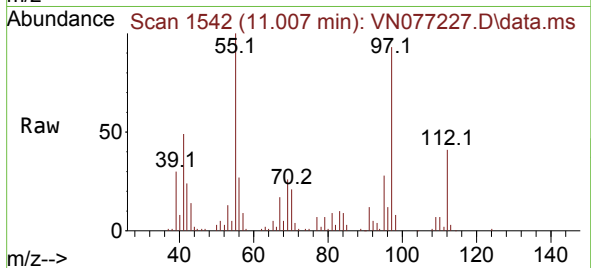
Acq: 28 Mar 2023 01:55

Instrument :

MSVOA_N

ClientSampleId :

WASTE-DRUM-WATER



Tgt Ion: 97 Resp: 76746

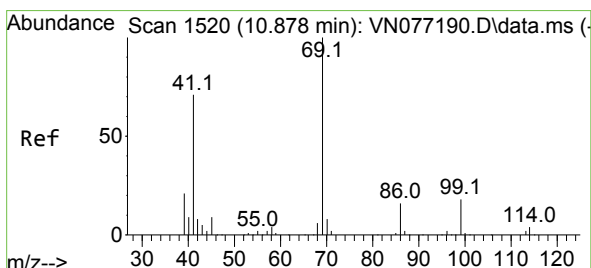
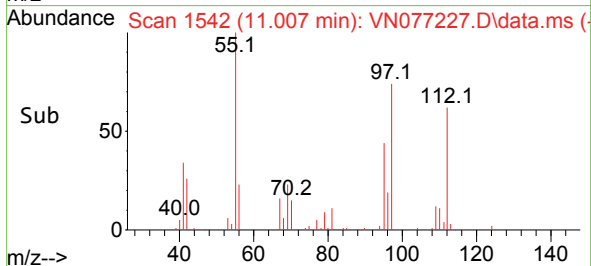
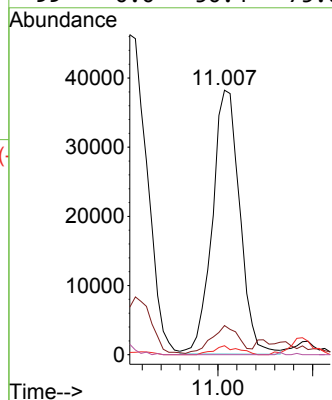
Ion Ratio Lower Upper

97 100

83 10.4 67.1 100.7#

85 3.4 41.8 62.8#

99 0.0 50.4 75.6#



#56

Ethyl methacrylate

Concen: 5.807 ug/l

RT: 10.919 min Scan# 1527

Delta R.T. 0.041 min

Lab File: VN077227.D

Acq: 28 Mar 2023 01:55

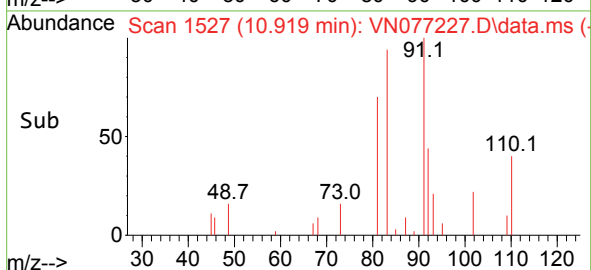
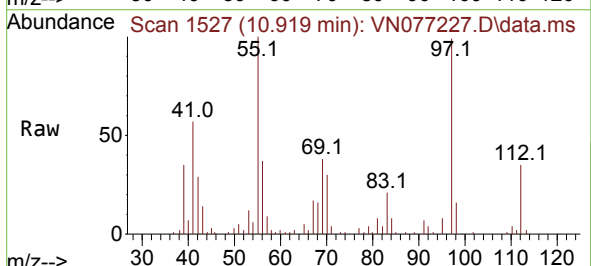
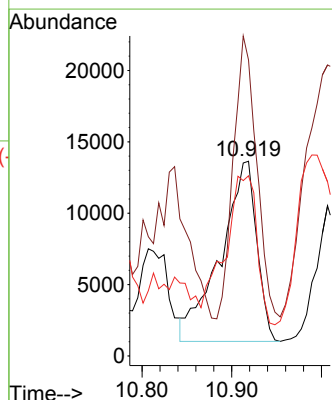
Tgt Ion: 69 Resp: 35282

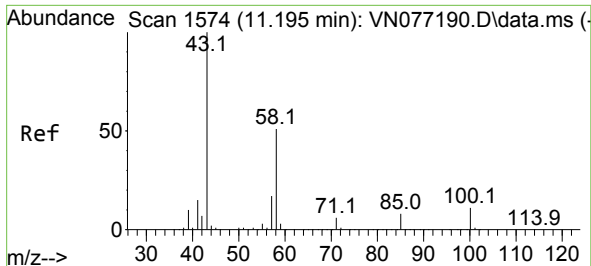
Ion Ratio Lower Upper

69 100

41 0.0 38.0 57.0#

39 0.0 22.4 33.6#

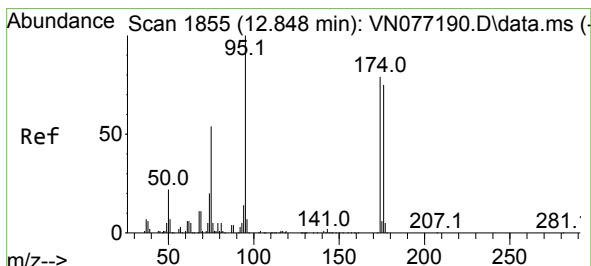
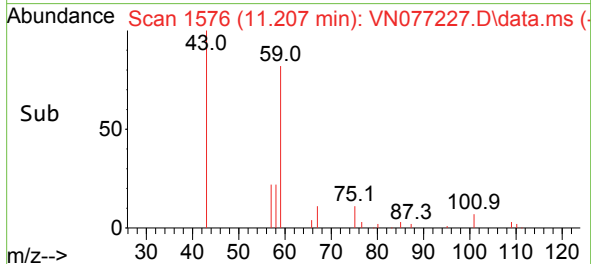
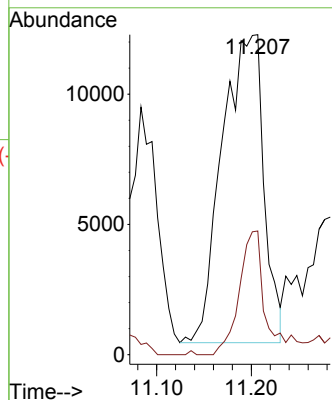
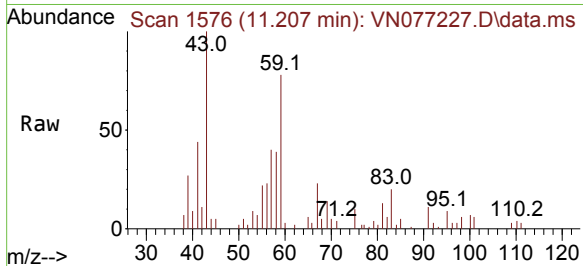




#59
2-Hexanone
Concen: 7.931 ug/l
RT: 11.207 min Scan# 1576
Delta R.T. 0.012 min
Lab File: VN077227.D
Acq: 28 Mar 2023 01:55

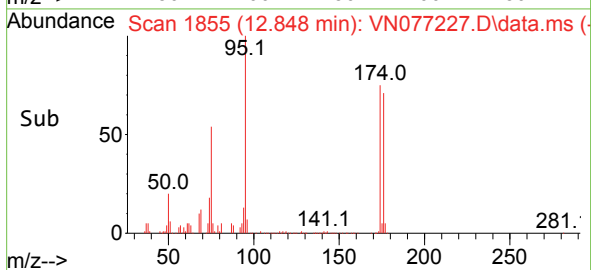
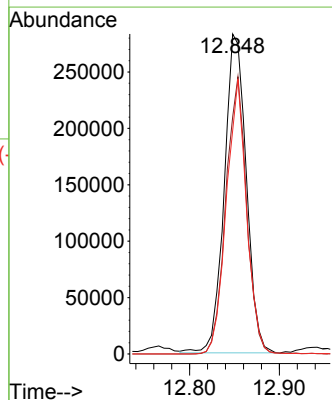
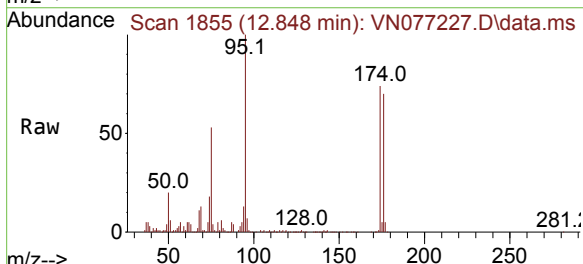
Instrument :
MSVOA_N
ClientSampleId :
WASTE-DRUM-WATER

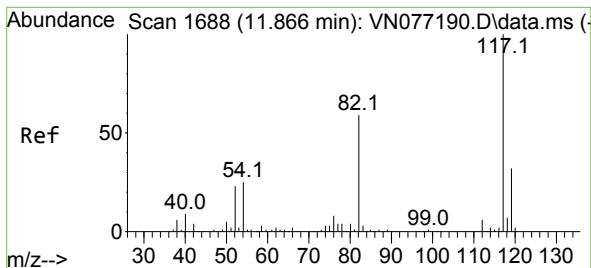
Tgt Ion: 43 Resp: 36177
Ion Ratio Lower Upper
43 100
58 25.6 32.6 98.0#



#62
4-Bromofluorobenzene
Concen: 97.232 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077227.D
Acq: 28 Mar 2023 01:55

Tgt Ion: 95 Resp: 481942
Ion Ratio Lower Upper
95 100
174 82.1 0.0 162.4
176 79.1 0.0 157.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.872 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077227.D

Acq: 28 Mar 2023 01:55

Instrument :

MSVOA_N

ClientSampleId :

WASTE-DRUM-WATER

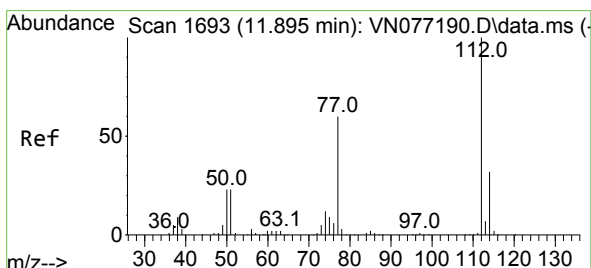
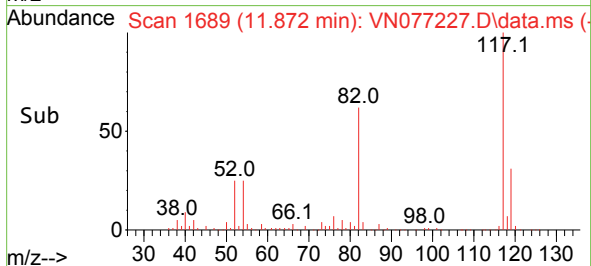
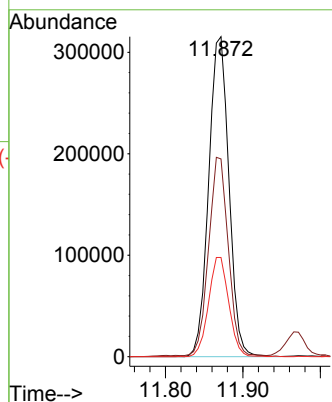
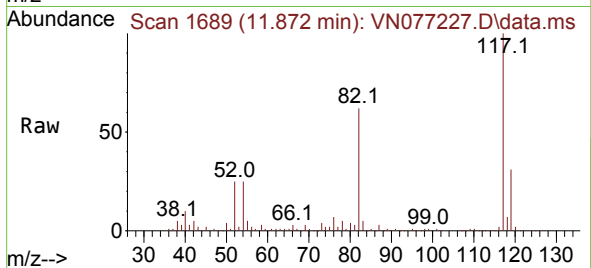
Tgt Ion:117 Resp: 570723

Ion Ratio Lower Upper

117 100

82 61.5 43.5 65.3

119 30.9 25.5 38.3



#65

Chlorobenzene

Concen: 0.294 ug/l

RT: 11.901 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VN077227.D

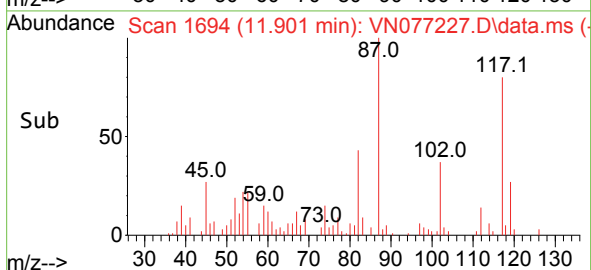
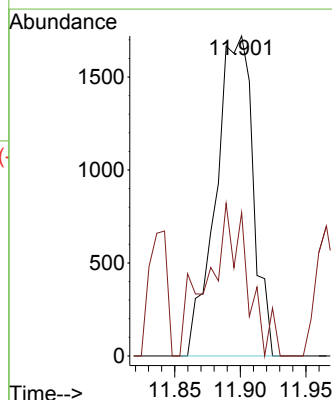
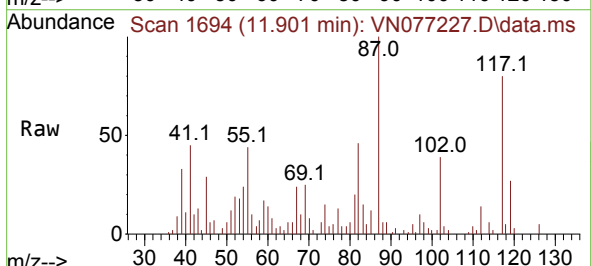
Acq: 28 Mar 2023 01:55

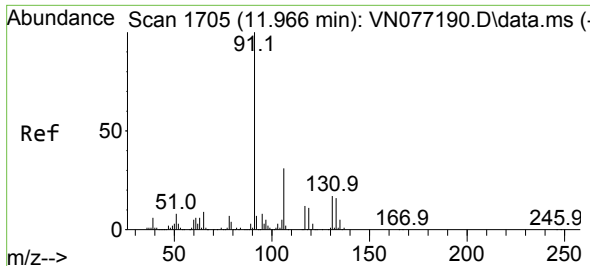
Tgt Ion:112 Resp: 3382

Ion Ratio Lower Upper

112 100

114 44.8 25.8 38.8#

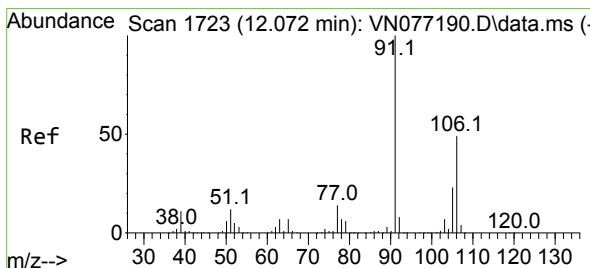
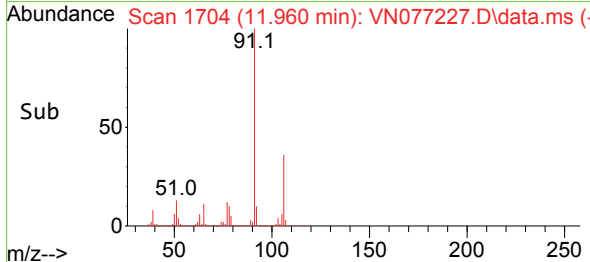
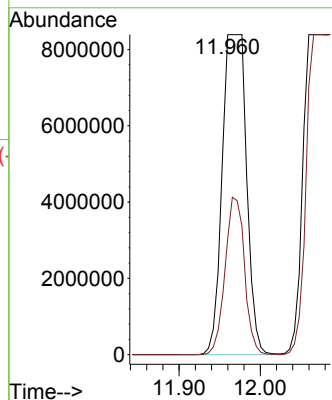
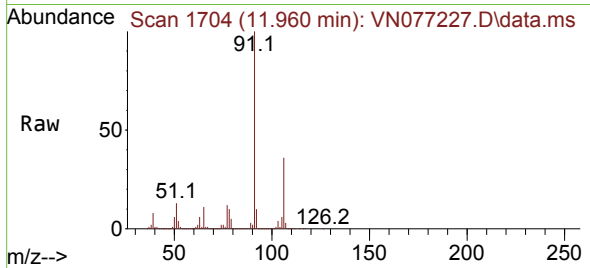




#67
Ethyl Benzene
Concen: 836.820 ug/l
RT: 11.960 min Scan# 1705
Delta R.T. -0.006 min
Lab File: VN077227.D
Acq: 28 Mar 2023 01:55

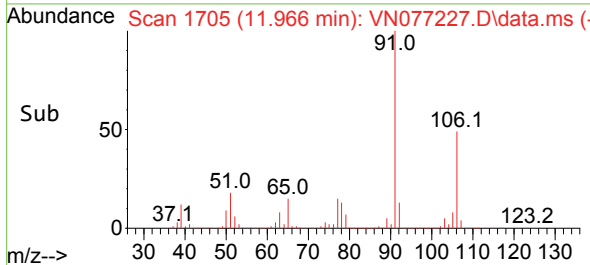
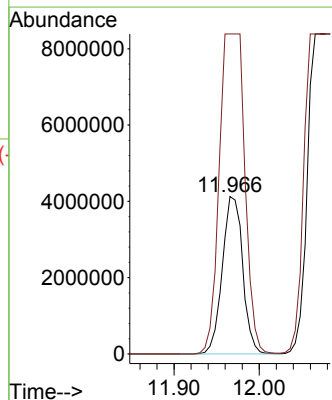
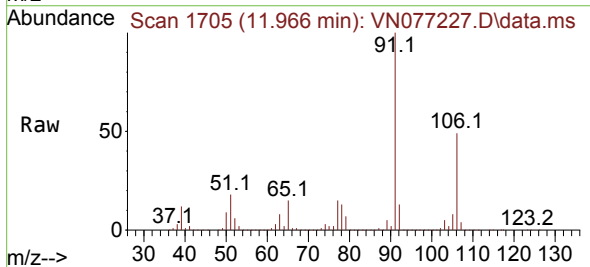
Instrument :
MSVOA_N
ClientSampleId :
WASTE-DRUM-WATER

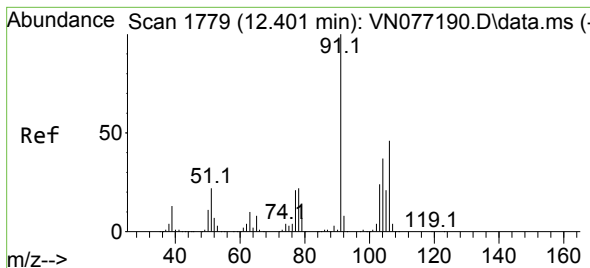
Tgt Ion: 91 Resp:17505375
Ion Ratio Lower Upper
91 100
106 36.4 25.1 37.7



#68
m/p-Xylenes
Concen: 863.044 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.106 min
Lab File: VN077227.D
Acq: 28 Mar 2023 01:55

Tgt Ion:106 Resp: 6866873
Ion Ratio Lower Upper
106 100
91 254.9 158.0 237.0#

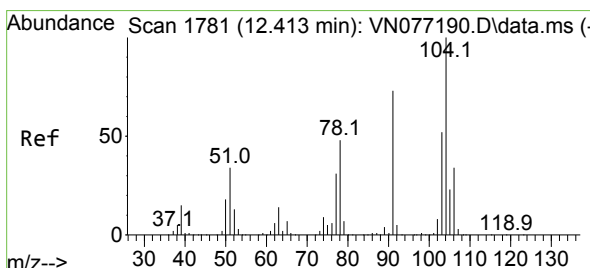
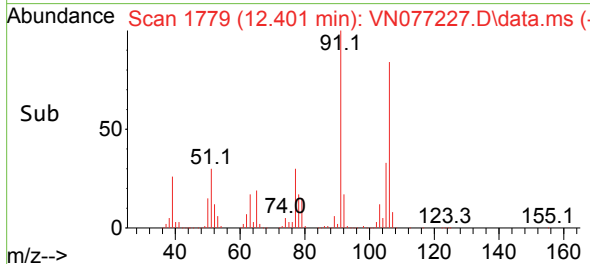
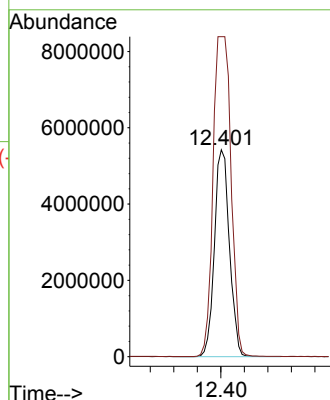
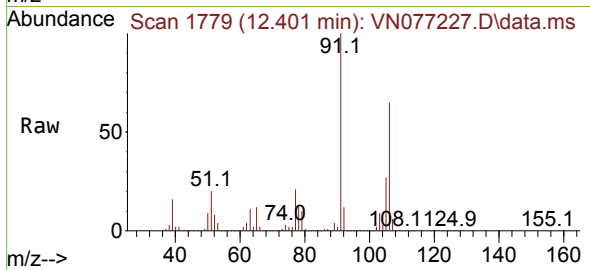




#69
o-Xylene
Concen: 1244.674 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077227.D
Acq: 28 Mar 2023 01:55

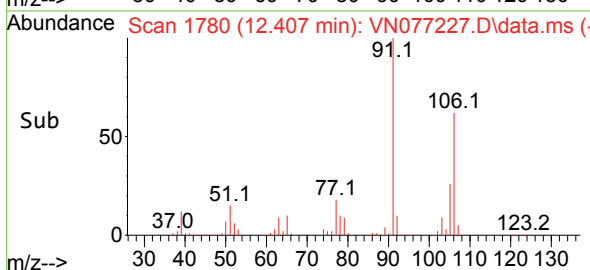
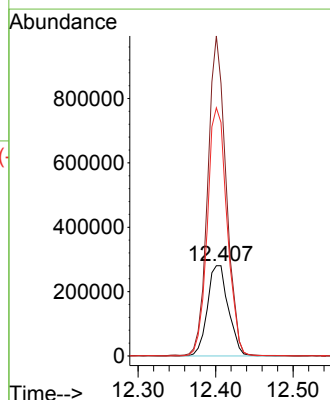
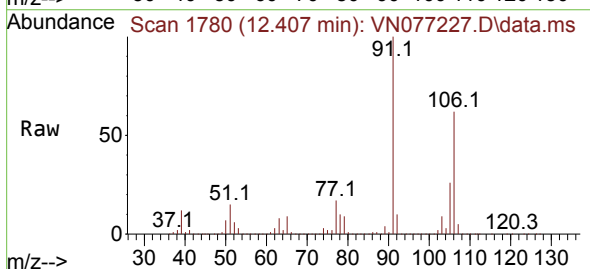
Instrument :
MSVOA_N
ClientSampleId :
WASTE-DRUM-WATER

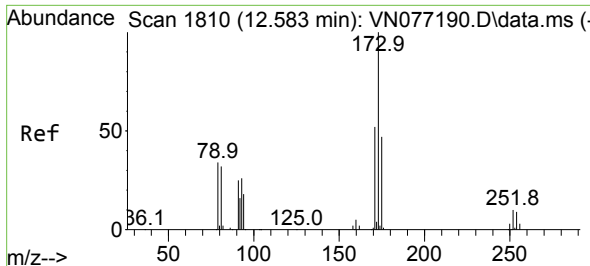
Tgt Ion:106 Resp: 9590176
Ion Ratio Lower Upper
106 100
91 185.5 101.8 305.4



#70
Styrene
Concen: 42.322 ug/l
RT: 12.407 min Scan# 1780
Delta R.T. -0.006 min
Lab File: VN077227.D
Acq: 28 Mar 2023 01:55

Tgt Ion:104 Resp: 526727
Ion Ratio Lower Upper
104 100
78 310.9 36.6 55.0#
103 258.1 43.4 65.0#

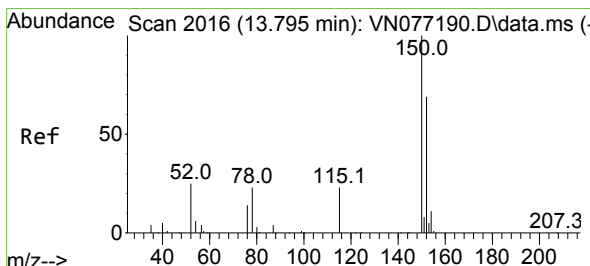
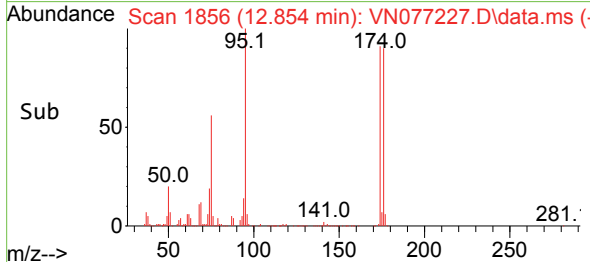
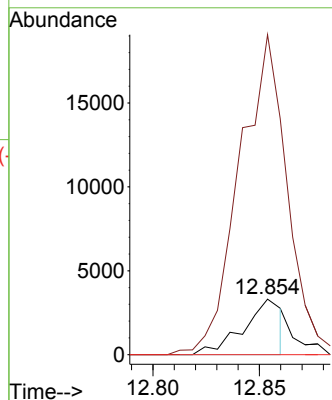
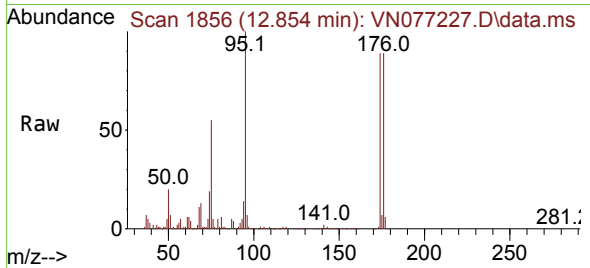




#71
Bromoform
Concen: 1.336 ug/l
RT: 12.854 min Scan# 11
Delta R.T. 0.271 min
Lab File: VN077227.D
Acq: 28 Mar 2023 01:55

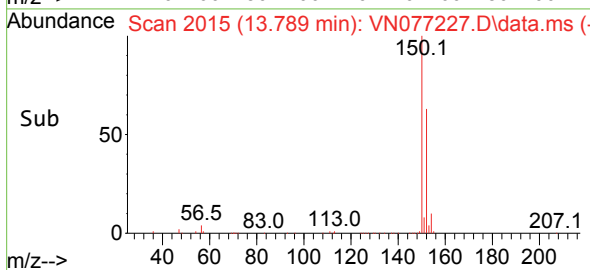
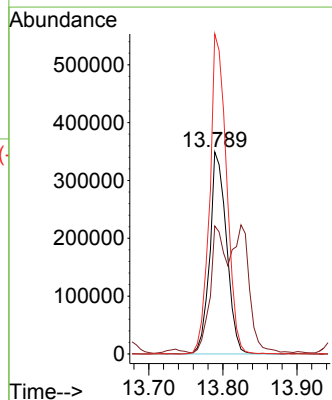
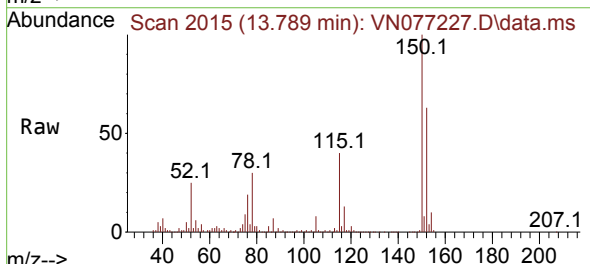
Instrument :
MSVOA_N
ClientSampleId :
WASTE-DRUM-WATER

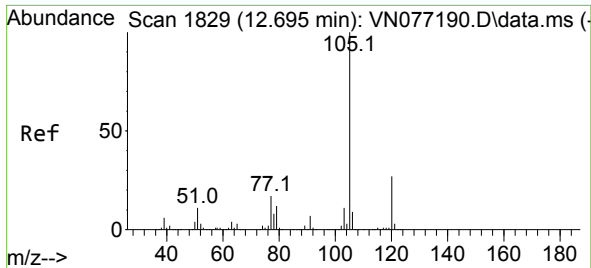
Tgt Ion:173 Resp: 4157
Ion Ratio Lower Upper
173 100
175 612.7 24.9 74.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.789 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN077227.D
Acq: 28 Mar 2023 01:55

Tgt Ion:152 Resp: 548748
Ion Ratio Lower Upper
152 100
115 60.3 30.3 90.9
150 159.6 0.0 353.6

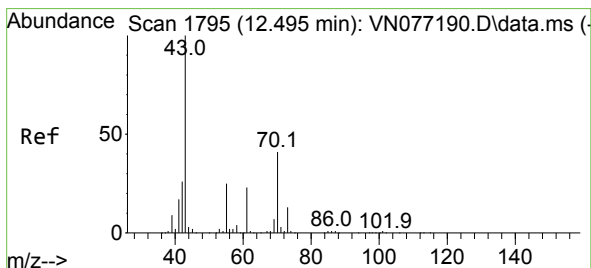
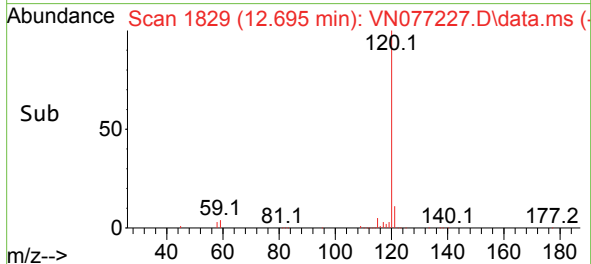
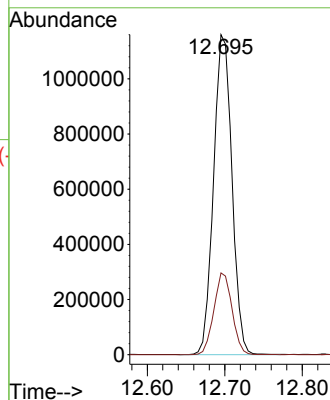
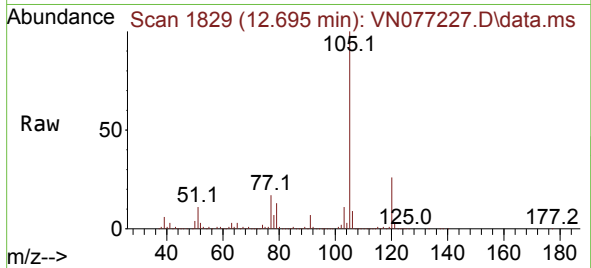




#73
Isopropylbenzene
Concen: 44.169 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. 0.000 min
Lab File: VN077227.D
Acq: 28 Mar 2023 01:55

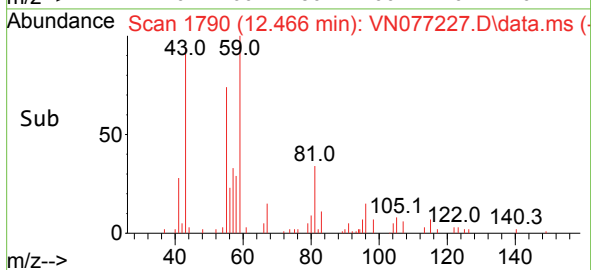
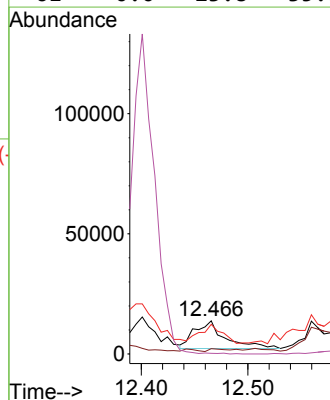
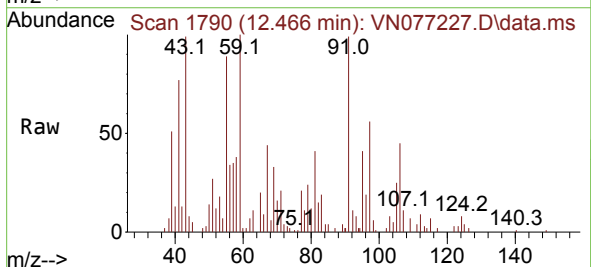
Instrument :
MSVOA_N
ClientSampleId :
WASTE-DRUM-WATER

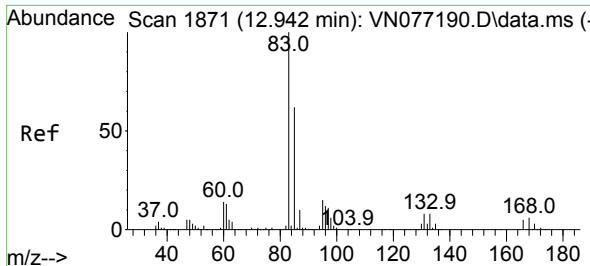
Tgt Ion:105 Resp: 1907018
Ion Ratio Lower Upper
105 100
120 25.3 13.8 41.4



#74
N-ethyl acetate
Concen: 1.223 ug/l
RT: 12.466 min Scan# 1790
Delta R.T. -0.029 min
Lab File: VN077227.D
Acq: 28 Mar 2023 01:55

Tgt Ion: 43 Resp: 23009
Ion Ratio Lower Upper
43 100
70 5.7 46.8 70.2#
55 46.7 23.4 35.2#
61 0.0 23.8 35.8#

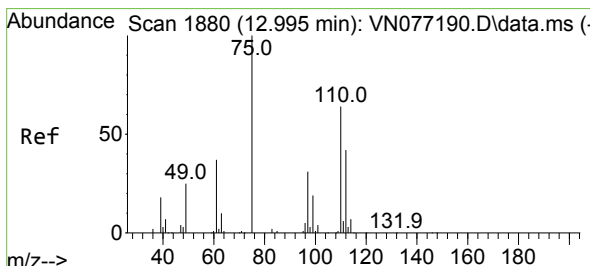
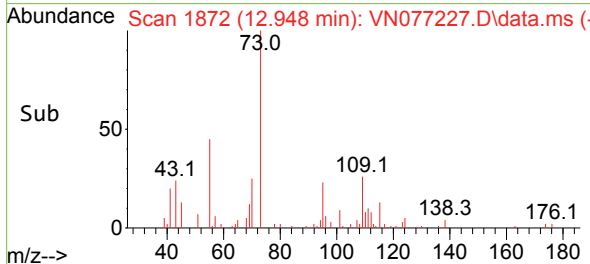
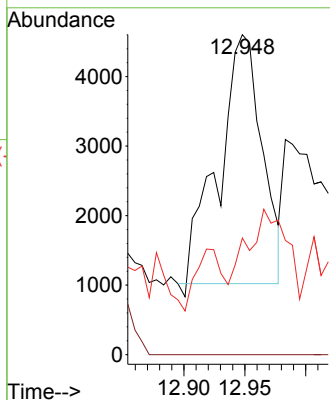
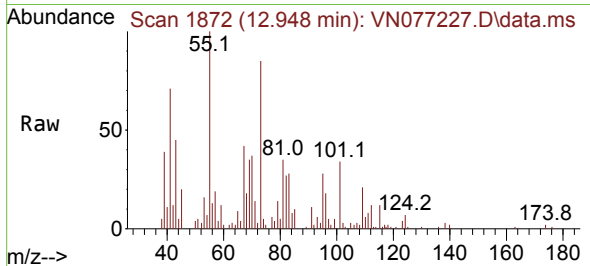




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.616 ug/l
 RT: 12.948 min Scan# 1871
 Delta R.T. 0.006 min
 Lab File: VN077227.D
 Acq: 28 Mar 2023 01:55

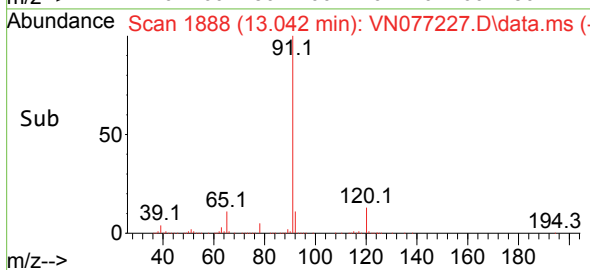
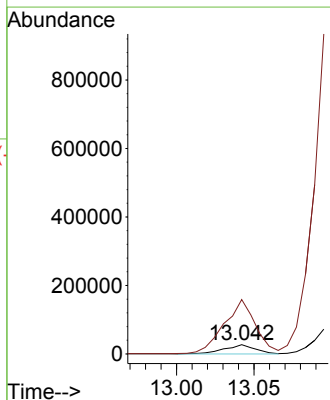
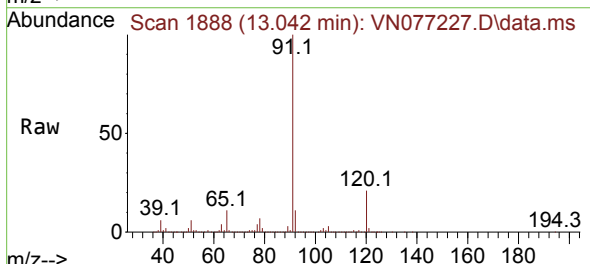
Instrument :
 MSVOA_N
 ClientSampleId :
 WASTE-DRUM-WATER

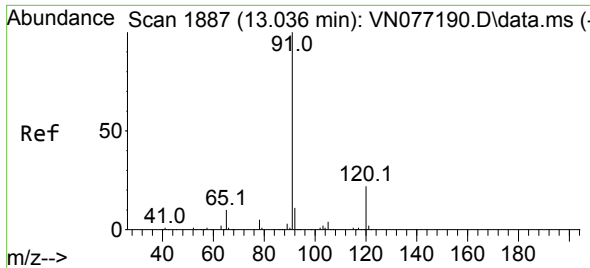
Tgt Ion: 83 Resp: 8880
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.3 16.1#
 85 0.0 32.0 96.0#



#76
 1,2,3-Trichloropropane
 Concen: 3.390 ug/l
 RT: 13.042 min Scan# 1888
 Delta R.T. 0.047 min
 Lab File: VN077227.D
 Acq: 28 Mar 2023 01:55

Tgt Ion: 75 Resp: 37736
 Ion Ratio Lower Upper
 75 100
 77 589.1 93.8 281.4#

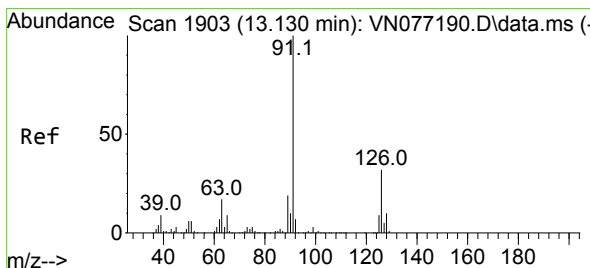
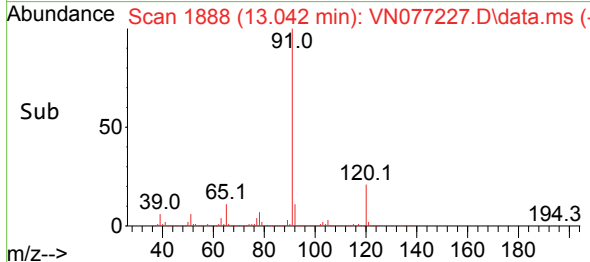
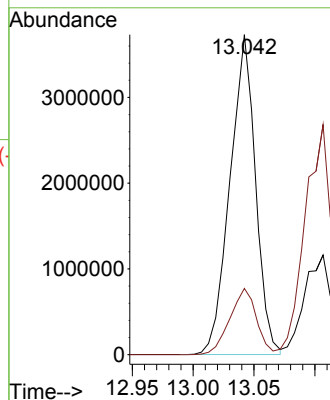
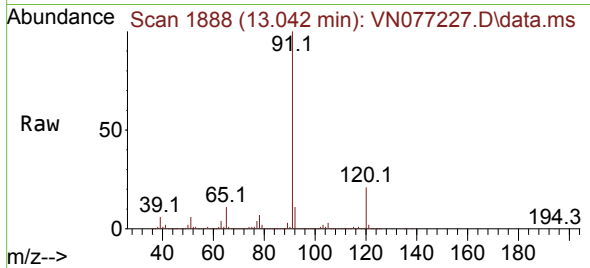




#78
n-propylbenzene
Concen: 109.530 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN077227.D
Acq: 28 Mar 2023 01:55

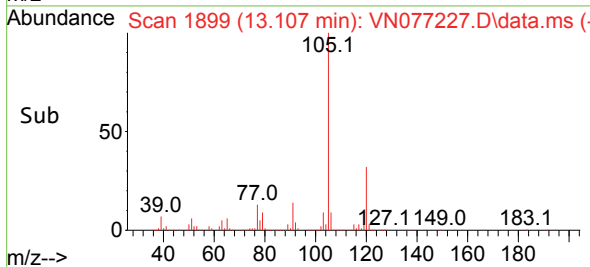
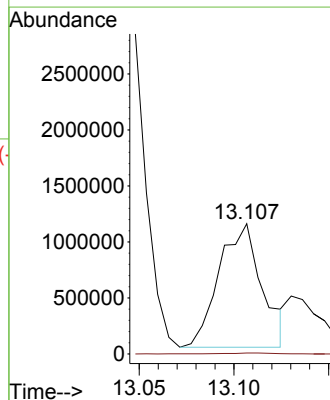
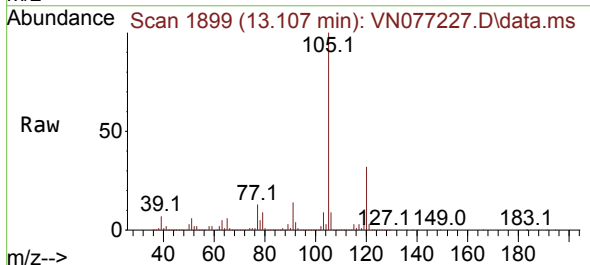
Instrument :
MSVOA_N
ClientSampleId :
WASTE-DRUM-WATER

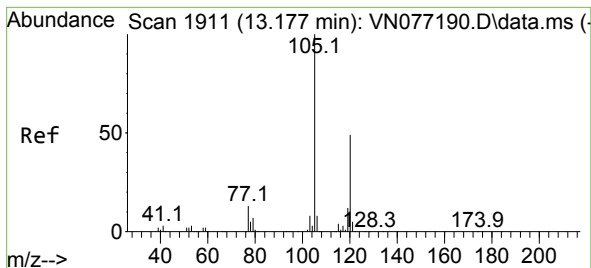
Tgt Ion: 91 Resp: 5453760
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.7



#79
2-Chlorotoluene
Concen: 56.840 ug/l
RT: 13.107 min Scan# 1899
Delta R.T. -0.023 min
Lab File: VN077227.D
Acq: 28 Mar 2023 01:55

Tgt Ion: 91 Resp: 1740403
Ion Ratio Lower Upper
91 100
126 1.0 17.7 53.1#





#80

1,3,5-Trimethylbenzene

Concen: 187.732 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077227.D

Acq: 28 Mar 2023 01:55

Instrument :

MSVOA_N

ClientSampleId :

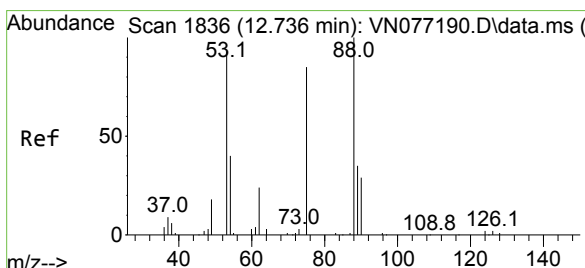
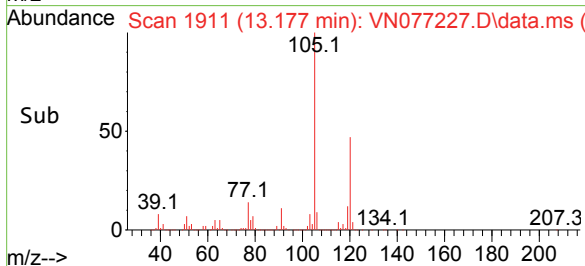
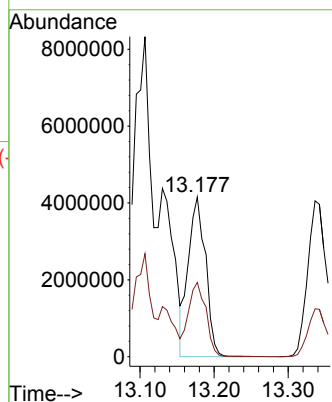
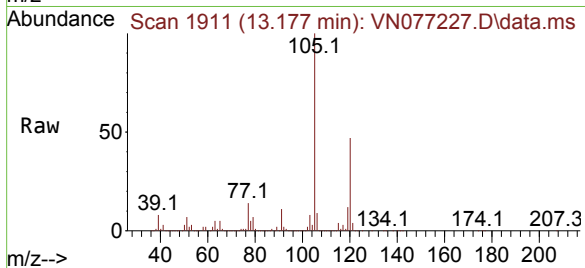
WASTE-DRUM-WATER

Tgt Ion:105 Resp: 6749872

Ion Ratio Lower Upper

105 100

120 47.6 25.2 75.6



#81

trans-1,4-Dichloro-2-butene

Concen: 6.587 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. -0.035 min

Lab File: VN077227.D

Acq: 28 Mar 2023 01:55

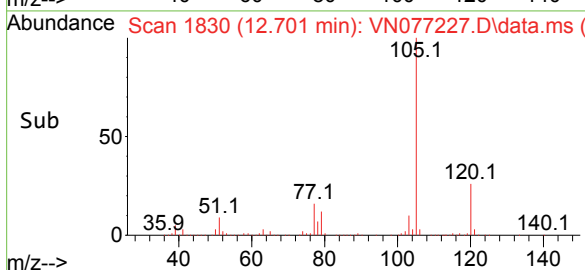
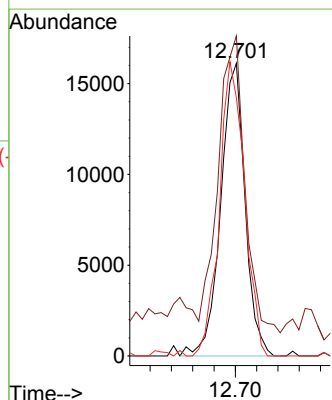
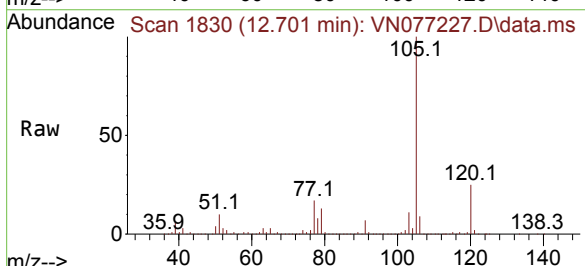
Tgt Ion: 75 Resp: 25443

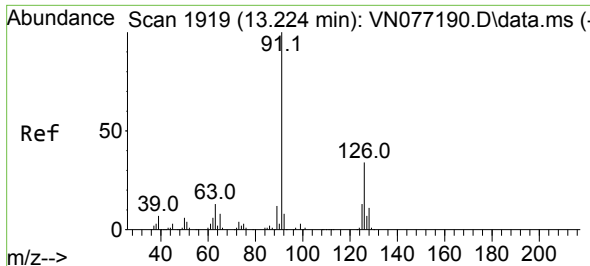
Ion Ratio Lower Upper

75 100

53 113.1 67.4 101.0#

89 104.2 39.5 59.3#

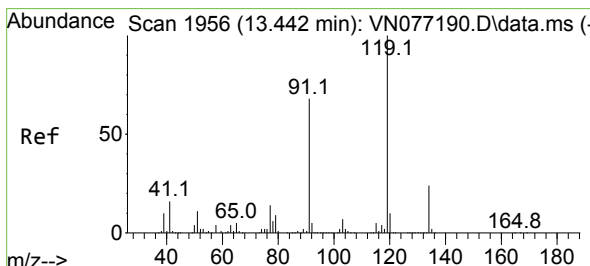
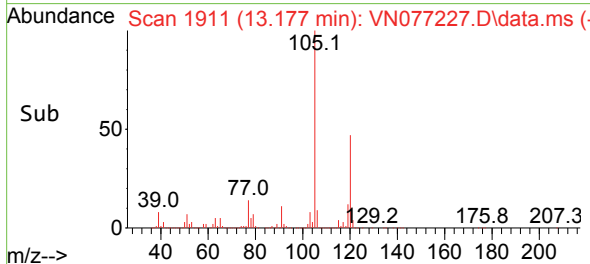
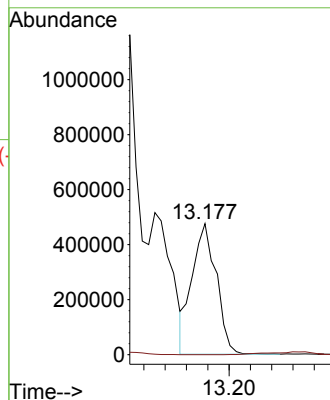
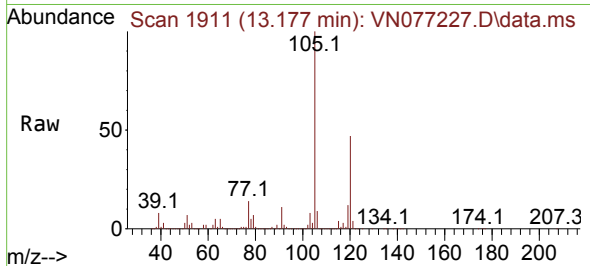




#82
4-Chlorotoluene
Concen: 25.963 ug/l
RT: 13.177 min Scan# 1919
Delta R.T. -0.047 min
Lab File: VN077227.D
Acq: 28 Mar 2023 01:55

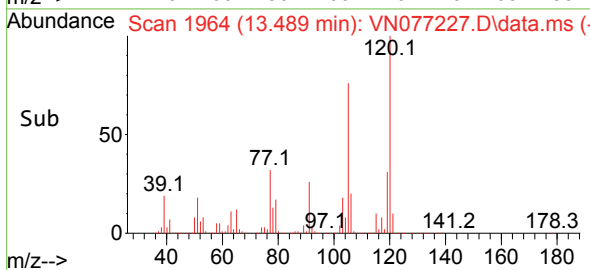
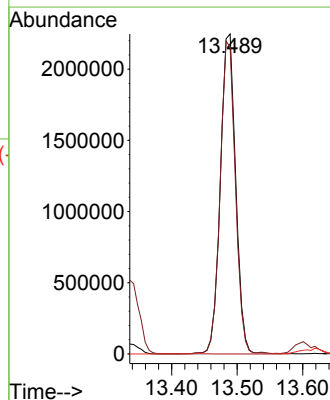
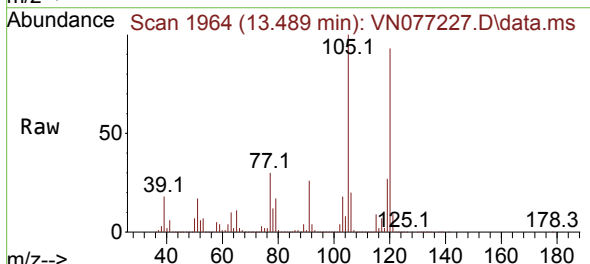
Instrument :
MSVOA_N
ClientSampleId :
WASTE-DRUM-WATER

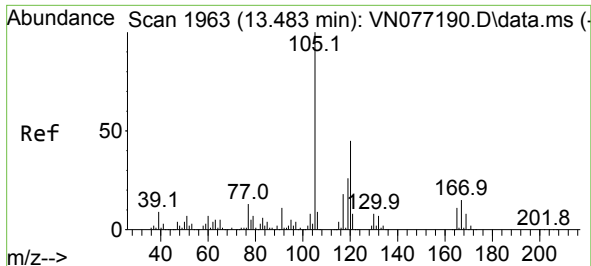
Tgt Ion: 91 Resp: 754579
Ion Ratio Lower Upper
91 100
126 0.0 18.0 54.0#



#83
tert-Butylbenzene
Concen: 119.369 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.047 min
Lab File: VN077227.D
Acq: 28 Mar 2023 01:55

Tgt Ion:119 Resp: 3629944
Ion Ratio Lower Upper
119 100
91 96.8 31.9 95.5#
134 0.0 13.8 41.4#

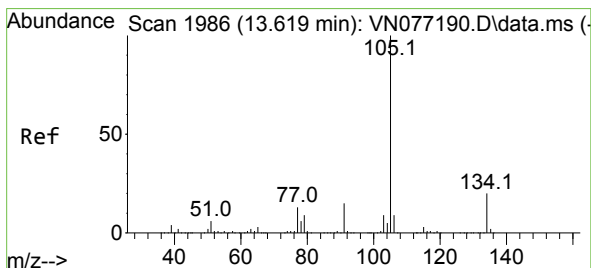
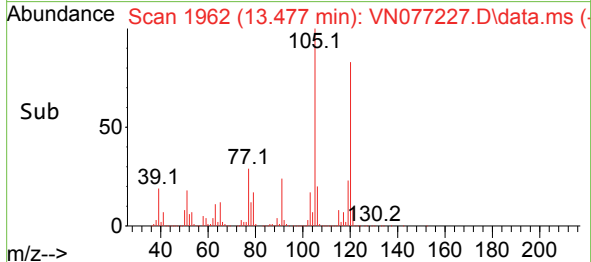
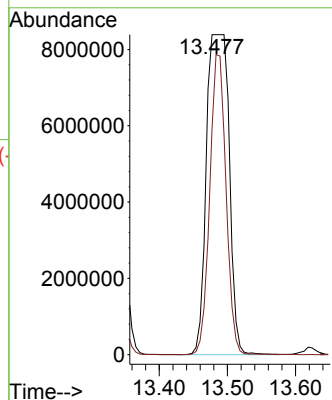
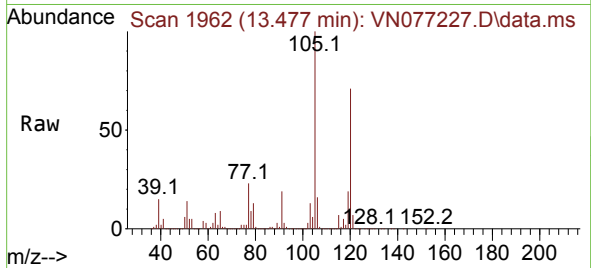




#84
1,2,4-Trimethylbenzene
Concen: 551.295 ug/l
RT: 13.477 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VN077227.D
Acq: 28 Mar 2023 01:55

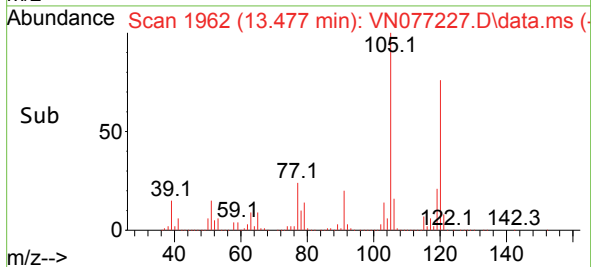
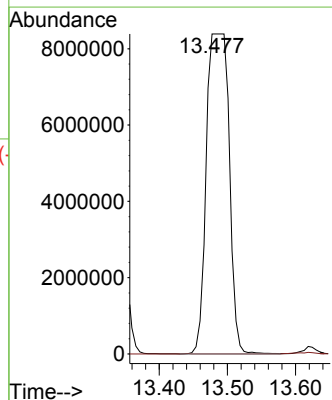
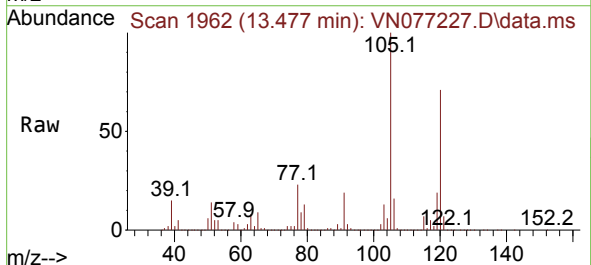
Instrument :
MSVOA_N
ClientSampleId :
WASTE-DRUM-WATER

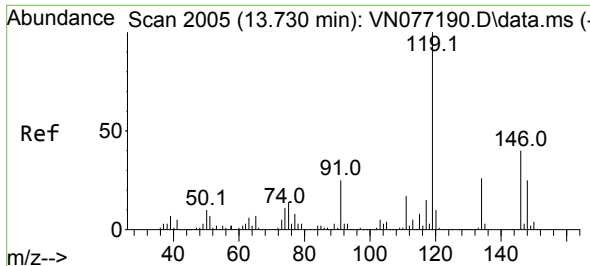
Tgt Ion:105 Resp:19479048
Ion Ratio Lower Upper
105 100
120 67.1 23.6 70.8



#85
sec-Butylbenzene
Concen: 449.111 ug/l
RT: 13.477 min Scan# 1962
Delta R.T. -0.142 min
Lab File: VN077227.D
Acq: 28 Mar 2023 01:55

Tgt Ion:105 Resp:19479048
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.2#





#86

p-Isopropyltoluene

Concen: 4.043 ug/l

RT: 13.736 min Scan# 2005

Delta R.T. 0.006 min

Lab File: VN077227.D

Acq: 28 Mar 2023 01:55

Instrument :

MSVOA_N

ClientSampleId :

WASTE-DRUM-WATER

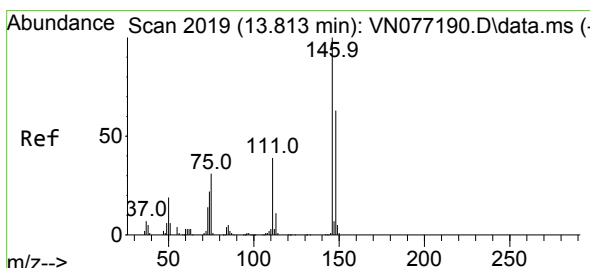
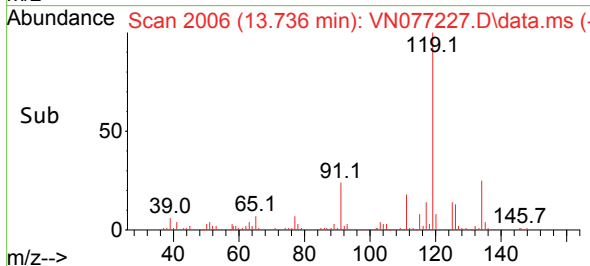
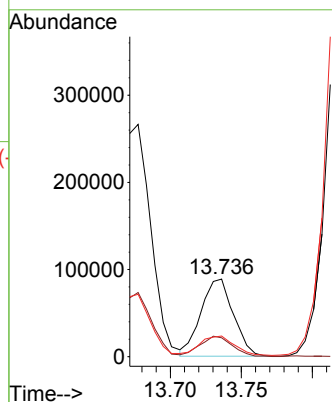
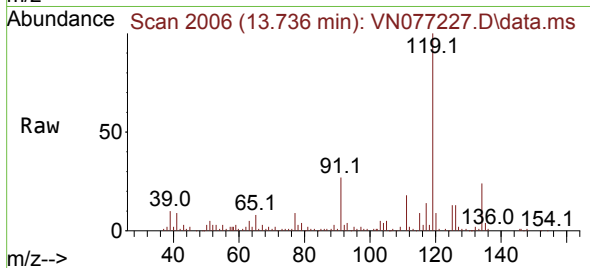
Tgt Ion:119 Resp: 140428

Ion Ratio Lower Upper

119 100

134 26.2 13.5 40.5

91 0.0 11.2 33.6#



#88

1,4-Dichlorobenzene

Concen: 1.148 ug/l

RT: 13.818 min Scan# 2020

Delta R.T. 0.005 min

Lab File: VN077227.D

Acq: 28 Mar 2023 01:55

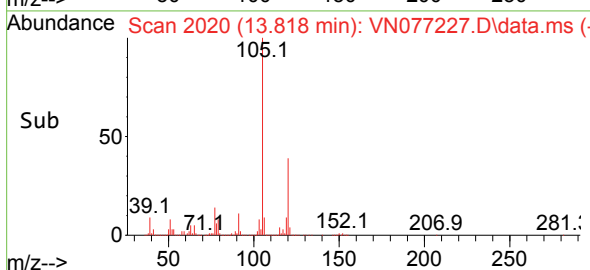
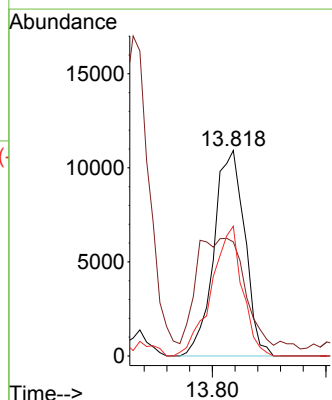
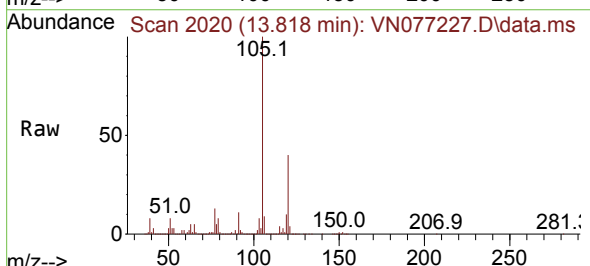
Tgt Ion:146 Resp: 20596

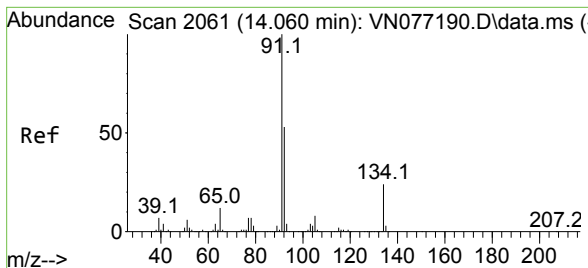
Ion Ratio Lower Upper

146 100

111 0.0 20.0 60.0#

148 63.6 31.8 95.4





#89

n-Butylbenzene

Concen: 14.859 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077227.D

Acq: 28 Mar 2023 01:55

Instrument :

MSVOA_N

ClientSampleId :

WASTE-DRUM-WATER

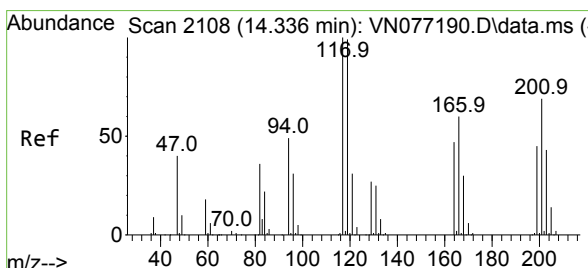
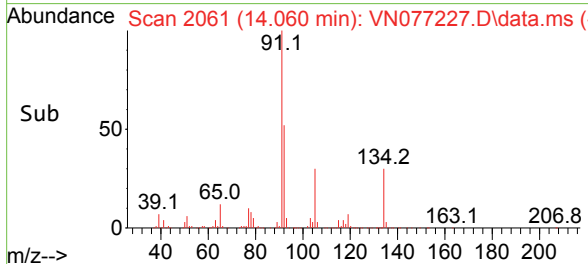
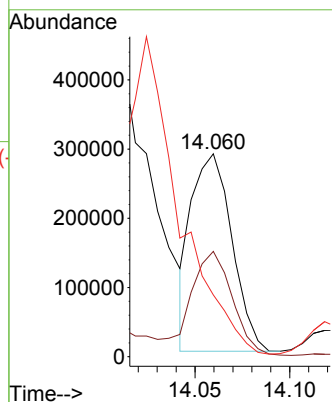
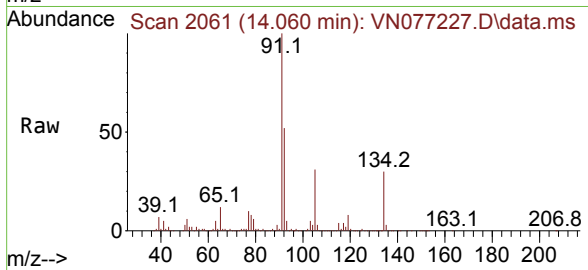
Tgt Ion: 91 Resp: 423167

Ion Ratio Lower Upper

91 100

92 55.5 26.6 79.7

134 0.0 13.6 40.7#



#90

Hexachloroethane

Concen: 45.504 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VN077227.D

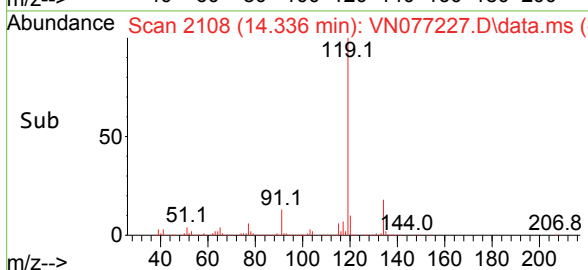
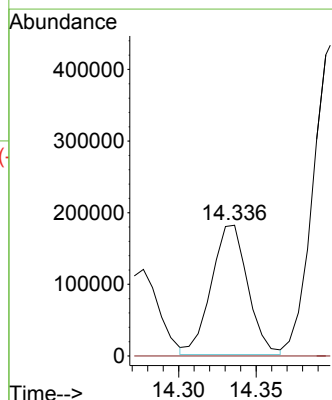
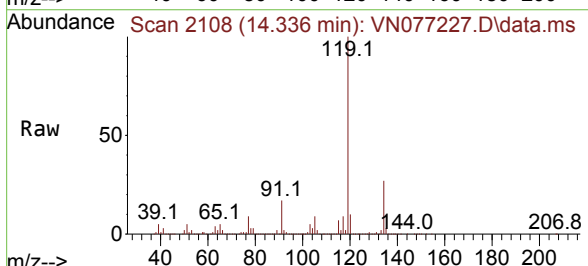
Acq: 28 Mar 2023 01:55

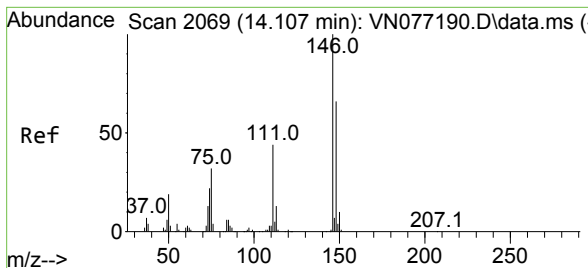
Tgt Ion: 117 Resp: 294565

Ion Ratio Lower Upper

117 100

201 0.0 31.9 95.7#





#91

1,2-Dichlorobenzene

Concen: 5.490 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN077227.D

Acq: 28 Mar 2023 01:55

Instrument :

MSVOA_N

ClientSampleId :

WASTE-DRUM-WATER

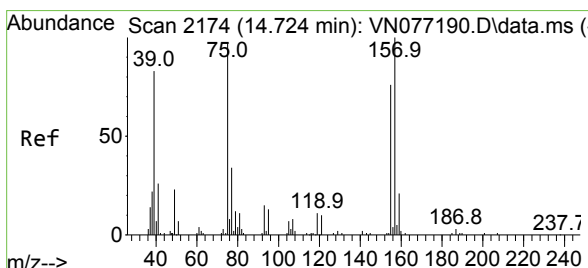
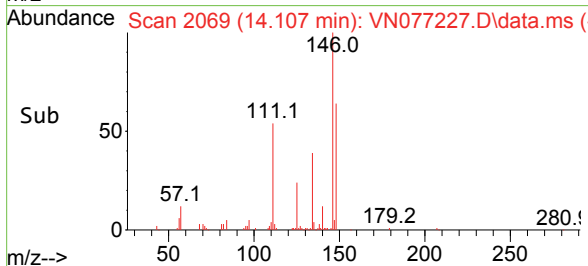
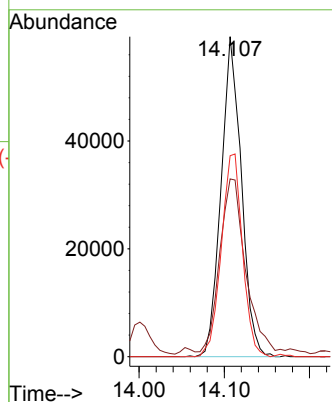
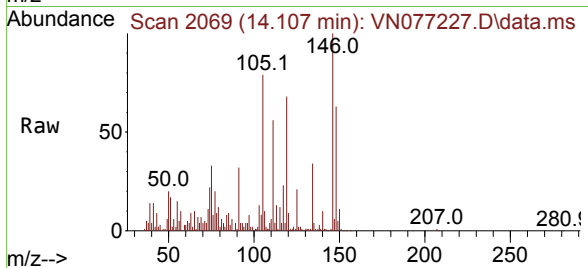
Tgt Ion:146 Resp: 98235

Ion Ratio Lower Upper

146 100

111 68.4 21.4 64.2#

148 66.2 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 6.996 ug/l

RT: 14.689 min Scan# 2168

Delta R.T. -0.035 min

Lab File: VN077227.D

Acq: 28 Mar 2023 01:55

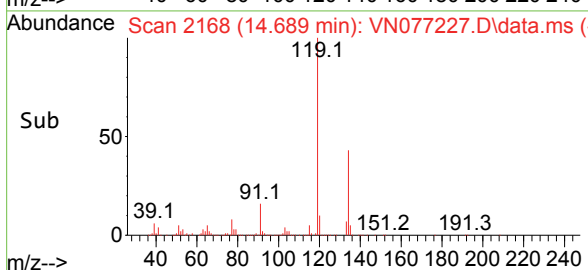
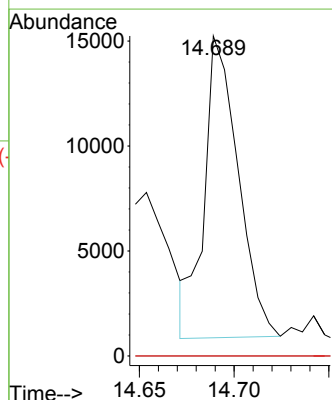
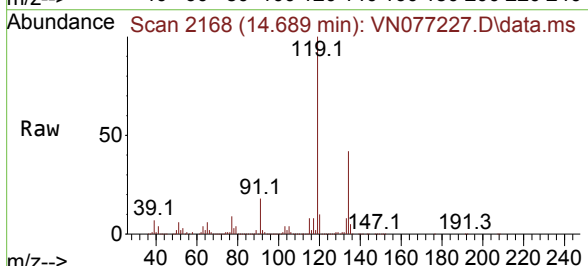
Tgt Ion: 75 Resp: 17852

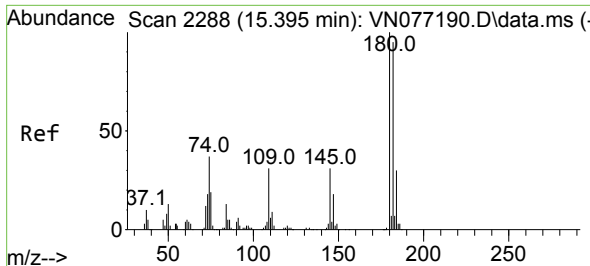
Ion Ratio Lower Upper

75 100

155 0.0 44.3 132.8#

157 0.0 58.3 174.8#

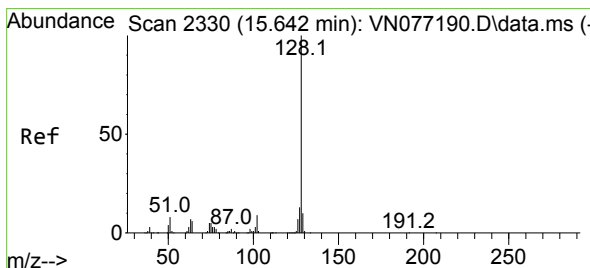
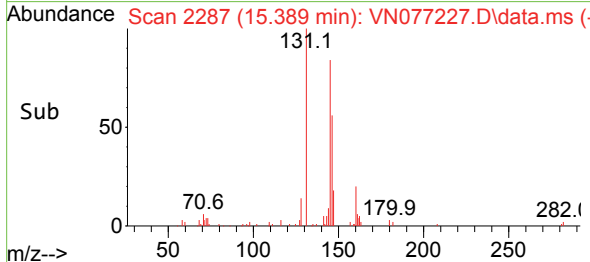
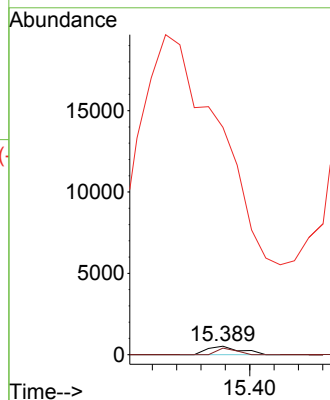
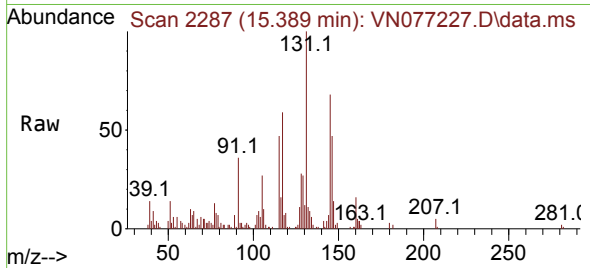




#93
1,2,4-Trichlorobenzene
Concen: 4.428 ug/l
RT: 15.389 min Scan# 211
Delta R.T. -0.006 min
Lab File: VN077227.D
Acq: 28 Mar 2023 01:55

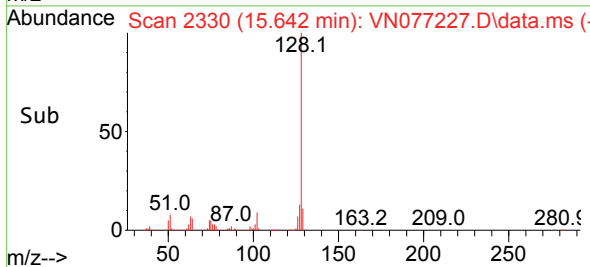
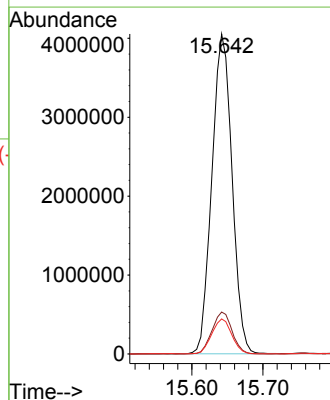
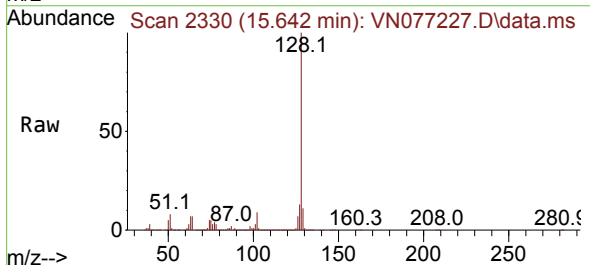
Instrument :
MSVOA_N
ClientSampleId :
WASTE-DRUM-WATER

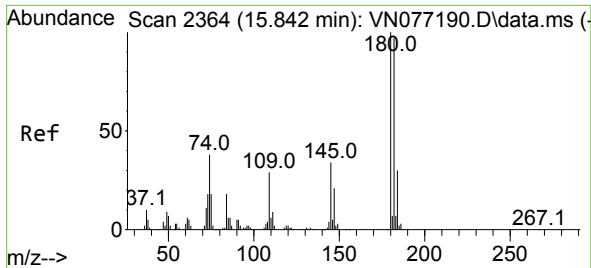
Tgt Ion:180 Resp: 495
Ion Ratio Lower Upper
180 100
182 44.6 47.4 142.2#
145 0.0 15.8 47.3#



#95
Naphthalene
Concen: 245.195 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN077227.D
Acq: 28 Mar 2023 01:55

Tgt Ion:128 Resp: 7979784
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.9 8.9 13.3





#96

1,2,3-Trichlorobenzene

Concen: 4.683 ug/l

RT: 15.848 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN077227.D

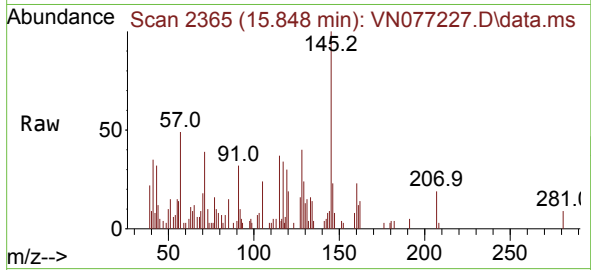
Acq: 28 Mar 2023 01:55

Instrument :

MSVOA_N

ClientSampleId :

WASTE-DRUM-WATER



Tgt Ion:180 Resp: 327

Ion Ratio Lower Upper

180 100

182 160.2 47.7 143.1#

145 0.0 17.0 51.0#

