

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060623\
 Data File : VN078068.D
 Acq On : 06 Jun 2023 14:01
 Operator : JC\MD
 Sample : 02907-01ME
 Misc : 5.10g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WASTE

Quant Time: Jun 07 01:21:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	338517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	611166	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	579329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	272683	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	232516	45.906	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.820%
35) Dibromofluoromethane	8.171	113	196390	49.278	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.560%
50) Toluene-d8	10.571	98	789736	51.483	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.960%
62) 4-Bromofluorobenzene	12.853	95	319552	58.983	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	117.960%

Target Compounds			Qvalue			
3) Chloromethane	2.377	50	1097	Below Cal	#	87
5) Bromomethane	2.906	94	3320	0.924	ug/l #	75
10) Methyl Iodide	4.571	142	2088	0.467	ug/l #	81
11) Tert butyl alcohol	5.494	59	4942	7.070	ug/l #	72
13) Acrolein	4.183	56	507	Below Cal	#	66
15) Acrylonitrile	5.741	53	987	0.529	ug/l #	77
16) Acetone	4.471	43	3264	2.048	ug/l #	87
17) Carbon Disulfide	4.671	76	2510	0.262	ug/l #	75
18) Methyl Acetate	5.047	43	4147	0.620	ug/l	90
20) Methylene Chloride	5.289	84	569	Below Cal	#	62
25) 2-Butanone	7.506	43	1043	0.418	ug/l #	37
31) Cyclohexane	8.224	56	14498	2.106	ug/l #	73
36) 1,1-Dichloropropene	8.224	75	28876	4.954	ug/l #	44
38) Carbon Tetrachloride	8.224	117	35647	6.056	ug/l #	16
39) Methylcyclohexane	9.606	83	115963	16.249	ug/l	91
43) Isopropyl Acetate	8.729	43	6108	0.720	ug/l #	49
47) Bromodichloromethane	9.882	83	1758	0.292	ug/l #	26
48) Methyl methacrylate	9.600	41	61445	15.271	ug/l #	56
51) 4-Methyl-2-Pentanone	10.347	43	103442	20.506	ug/l #	36
52) Toluene	10.635	92	152807	14.269	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	169701	39.910	ug/l #	21
56) Ethyl methacrylate	10.871	69	16643	2.589	ug/l	88
59) 2-Hexanone	11.176	43	108282	29.021	ug/l #	24
61) 1,2-Dibromoethane	11.482	107	1071	0.252	ug/l #	1
65) Chlorobenzene	11.906	112	2567	0.204	ug/l	99
67) Ethyl Benzene	11.970	91	704385	31.297	ug/l	98
68) m/p-Xylenes	12.070	106	1939799	227.463	ug/l	100
69) o-Xylene	12.406	106	1132487	135.032	ug/l	97
70) Styrene	12.406	104	57709	4.332	ug/l #	1
73) Isopropylbenzene	12.700	105	699726	29.769	ug/l	99
74) N-amyl acetate	12.488	43	201737	23.220	ug/l #	41
75) 1,1,2,2-Tetrachloroethane	12.941	83	30458	4.212	ug/l #	26
76) 1,2,3-Trichloropropane	13.041	75	18308	2.681	ug/l #	1
77) Bromobenzene	12.988	156	1143	0.213	ug/l #	6
78) n-propylbenzene	13.041	91	2491709	89.917	ug/l	100
79) 2-Chlorotoluene	13.100	91	1193134	72.154	ug/l #	42

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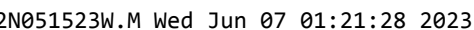
Quant Time: Jun 07 01:21:22 2023
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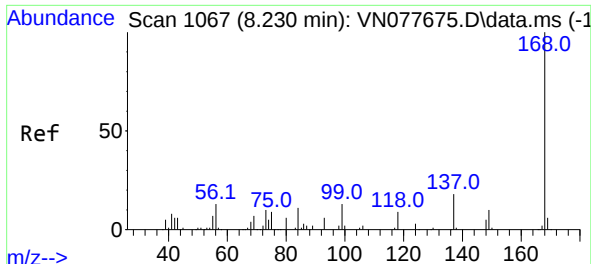
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

80) 1,3,5-Trimethylbenzene	13.176	105	3365956	170.382	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.700	75	8909	4.170	ug/l #	44
82) 4-Chlorotoluene	13.176	91	388452	23.610	ug/l #	41
83) tert-Butylbenzene	13.488	119	1772390	102.769	ug/l #	69
84) 1,2,4-Trimethylbenzene	13.488	105	13849665	712.832	ug/l	96
85) sec-Butylbenzene	13.623	105	1846332	75.330	ug/l	88
86) p-Isopropyltoluene	13.735	119	796294	40.752	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	3404	0.343	ug/l #	1
88) 1,4-Dichlorobenzene	13.812	146	4108	0.417	ug/l #	1
89) n-Butylbenzene	14.064	91	2435363	135.504	ug/l #	81
90) Hexachloroethane	14.335	117	556429	173.341	ug/l #	21
91) 1,2-Dichlorobenzene	14.106	146	3546	0.383	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.700	75	39301	28.073	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.400	180	9587	1.770	ug/l #	1
94) Hexachlorobutadiene	15.511	225	3761	1.673	ug/l	97
95) Naphthalene	15.647	128	2056501	110.323	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.864	180	24422	4.606	ug/l #	1

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

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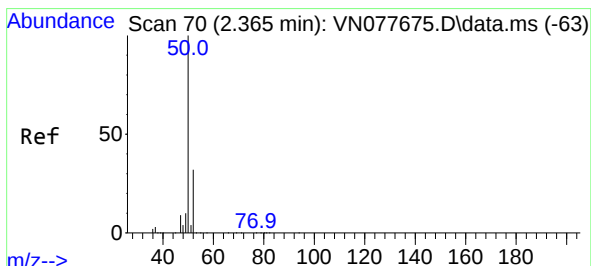
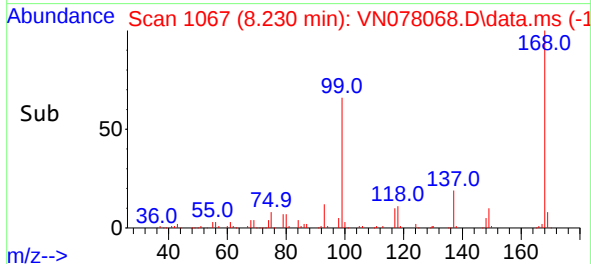
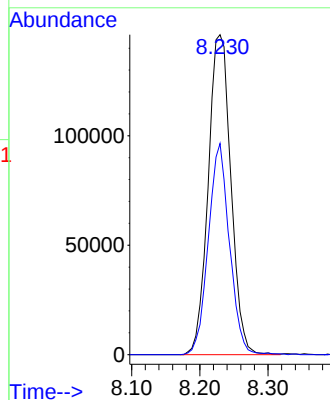
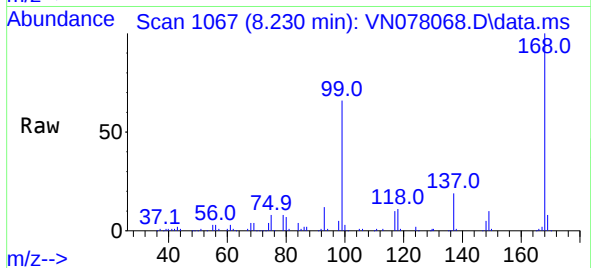




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
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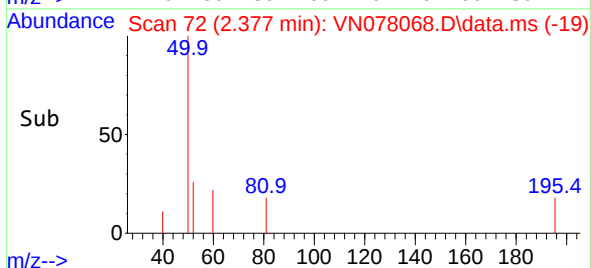
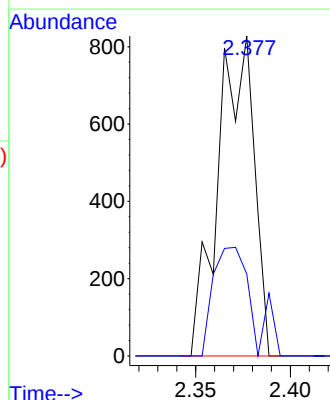
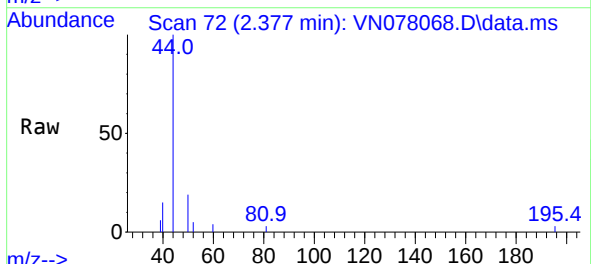
Instrument :
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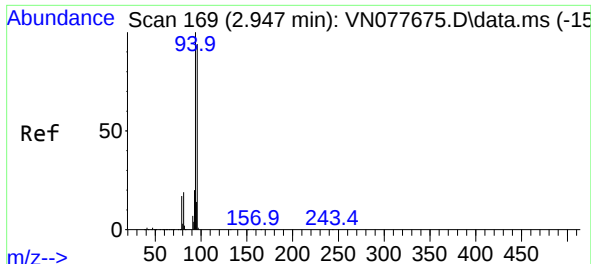
Tgt Ion:168 Resp: 338517
Ion Ratio Lower Upper
168 100
99 66.0 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.377 min Scan# 72
Delta R.T. 0.012 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

Tgt Ion: 50 Resp: 1097
Ion Ratio Lower Upper
50 100
52 25.6 26.5 39.7#

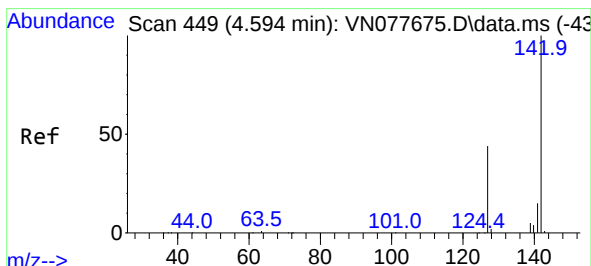
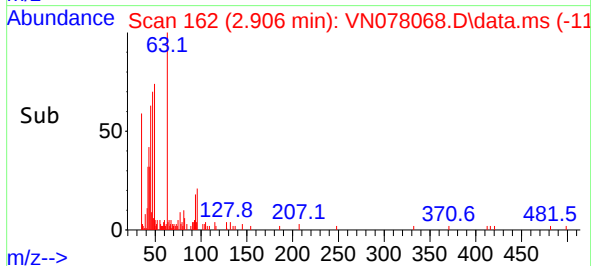
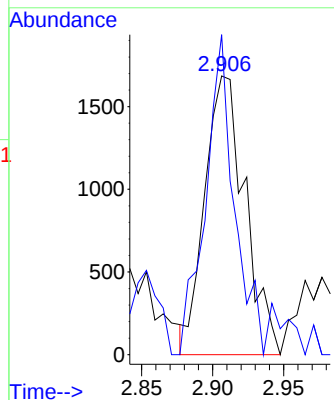
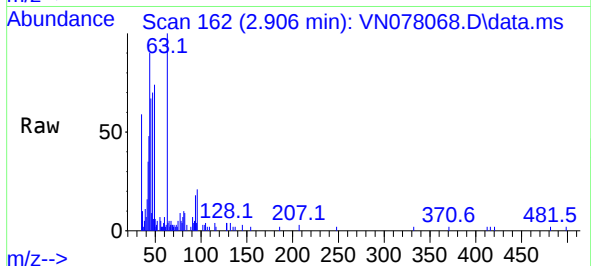




#5
Bromomethane
Concen: 0.924 ug/l
RT: 2.906 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

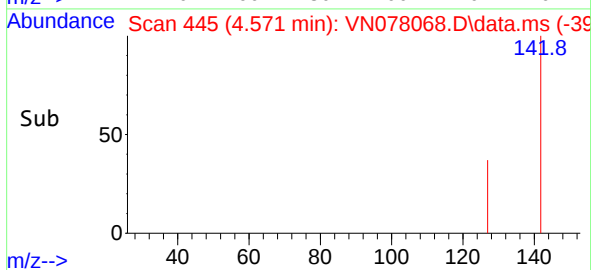
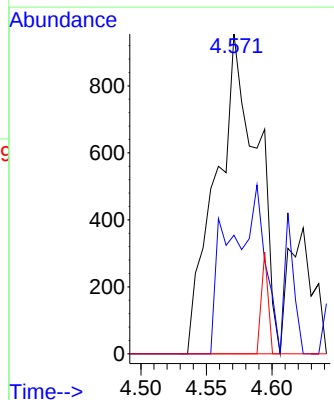
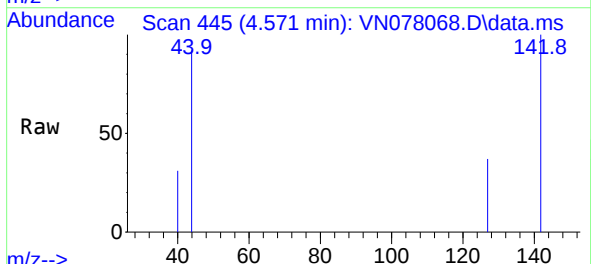
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MSVOA_N
ClientSampleId :
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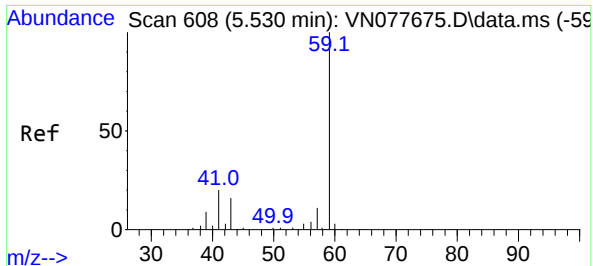
Tgt Ion: 94 Resp: 3320
Ion Ratio Lower Upper
94 100
96 114.8 73.1 109.7#



#10
Methyl Iodide
Concen: 0.467 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.023 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

Tgt Ion: 142 Resp: 2088
Ion Ratio Lower Upper
142 100
127 37.1 37.6 56.4#
141 0.0 11.4 17.0#





#11

Tert butyl alcohol

Concen: 7.070 ug/l

RT: 5.494 min Scan# 608

Delta R.T. -0.036 min

Lab File: VN078068.D

Acq: 06 Jun 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

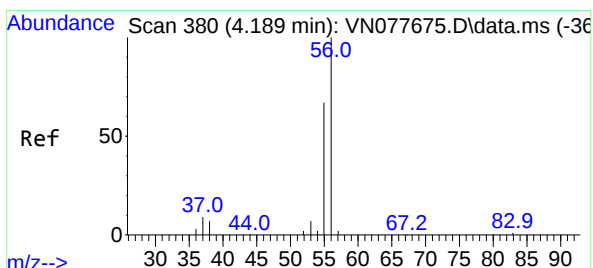
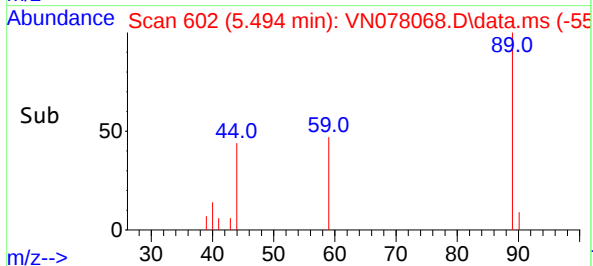
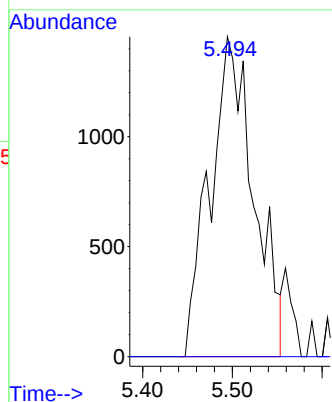
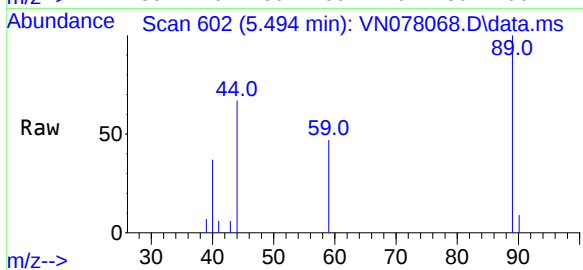
WASTE

Tgt Ion: 59 Resp: 4942

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#13

Acrolein

Concen: Below Cal

RT: 4.183 min Scan# 379

Delta R.T. -0.006 min

Lab File: VN078068.D

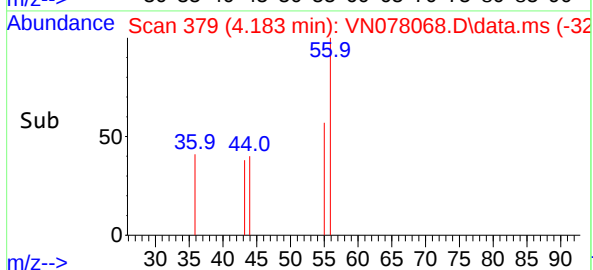
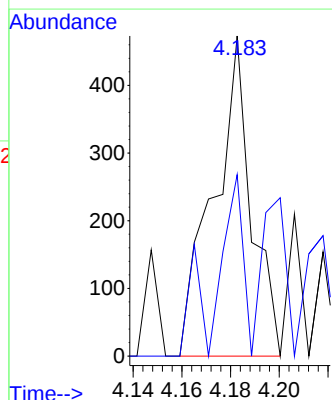
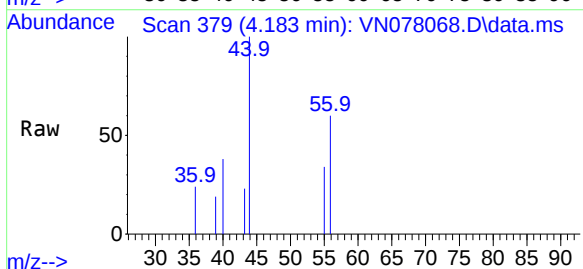
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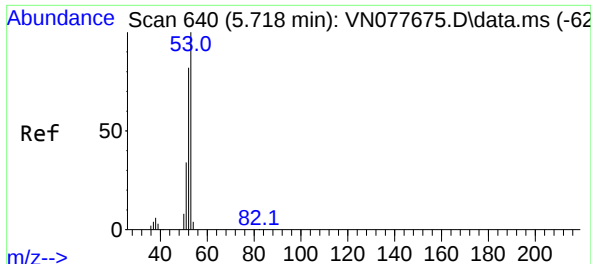
Tgt Ion: 56 Resp: 507

Ion Ratio Lower Upper

56 100

55 40.8 54.5 81.7#

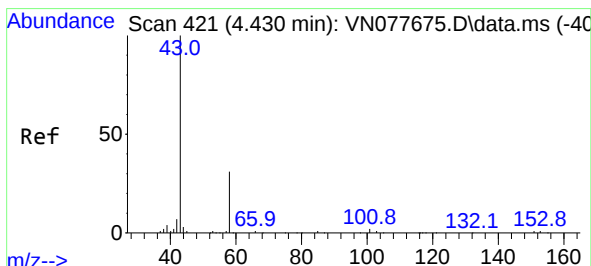
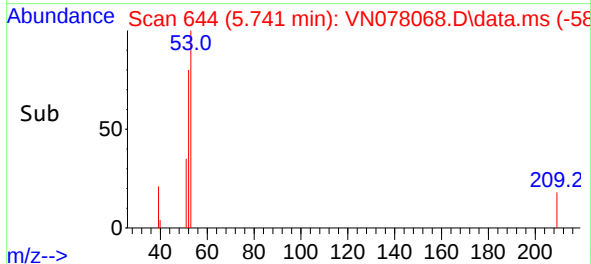
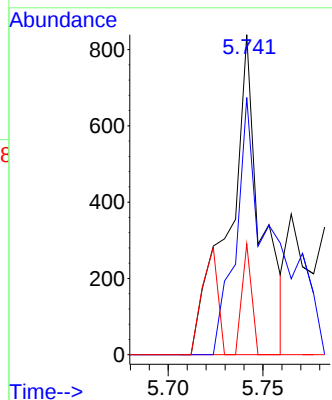
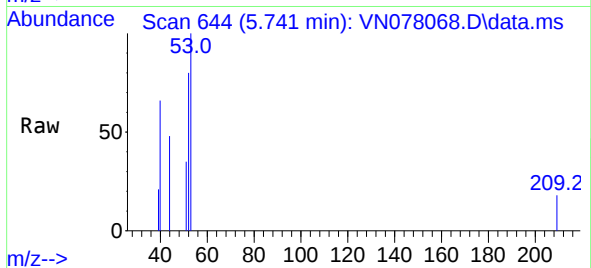




#15
Acrylonitrile
Concen: 0.529 ug/l
RT: 5.741 min Scan# 641
Delta R.T. 0.023 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

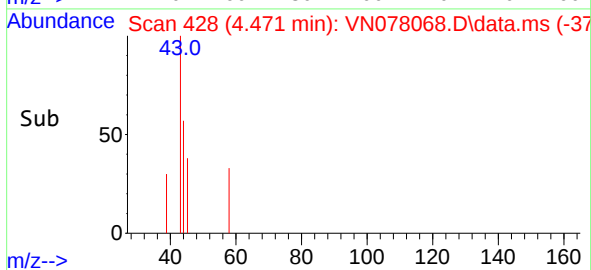
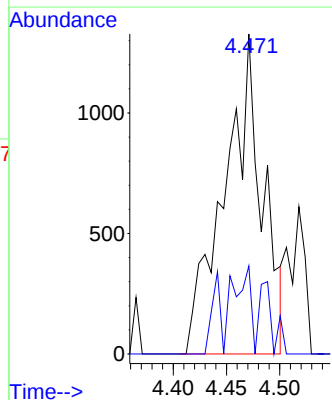
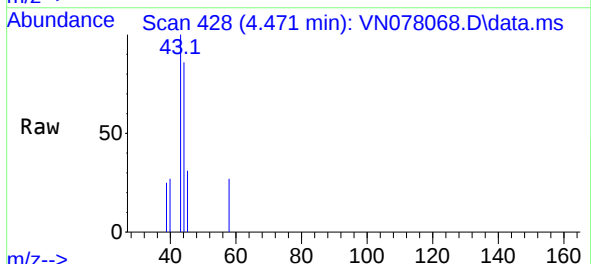
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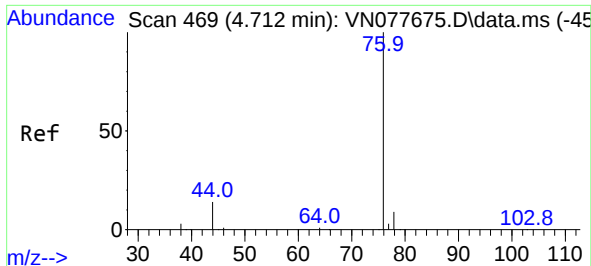
Tgt Ion: 53 Resp: 987
Ion Ratio Lower Upper
53 100
52 94.5 65.3 97.9
51 10.4 28.9 43.3#



#16
Acetone
Concen: 2.048 ug/l
RT: 4.471 min Scan# 428
Delta R.T. 0.041 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

Tgt Ion: 43 Resp: 3264
Ion Ratio Lower Upper
43 100
58 27.5 28.0 42.0#

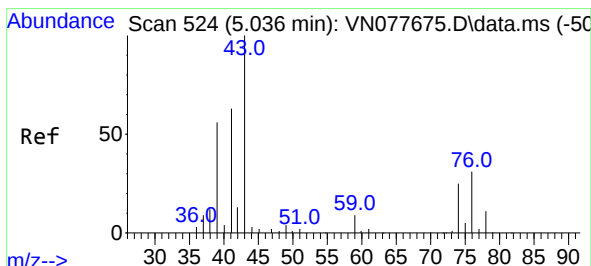
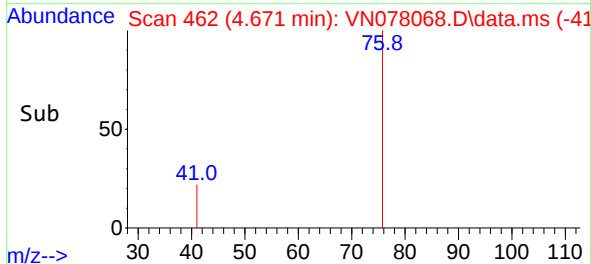
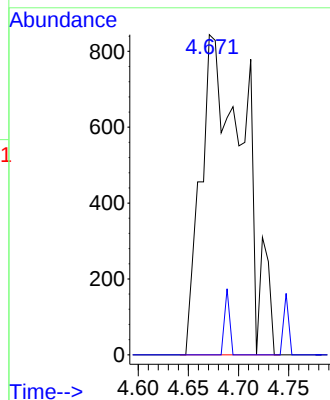
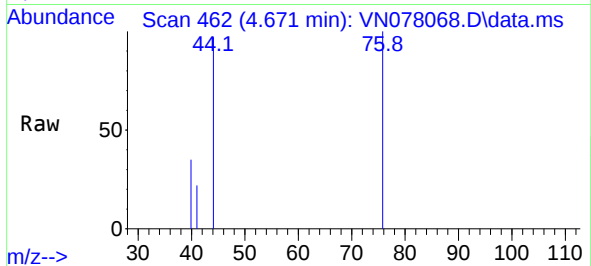




#17
Carbon Disulfide
Concen: 0.262 ug/l
RT: 4.671 min Scan# 41
Delta R.T. -0.041 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

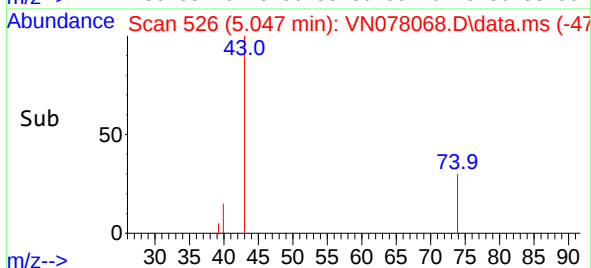
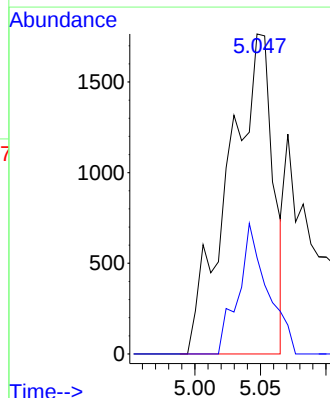
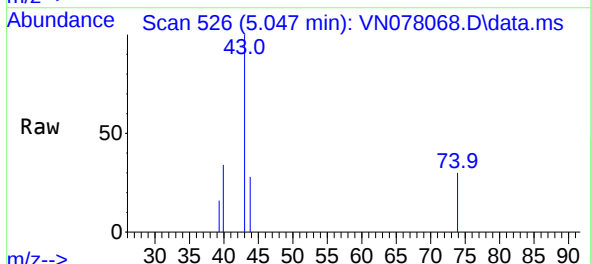
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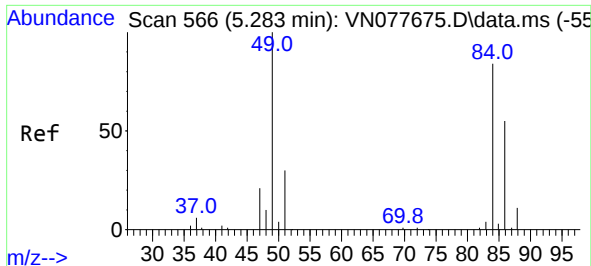
Tgt Ion: 76 Resp: 2510
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 0.620 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.011 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

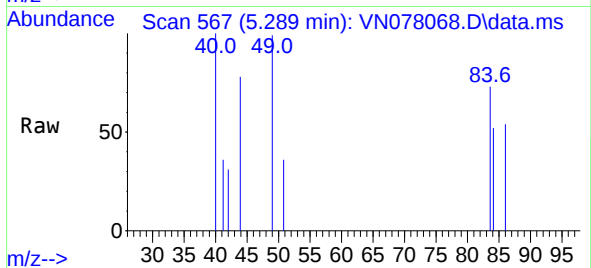
Tgt Ion: 43 Resp: 4147
Ion Ratio Lower Upper
43 100
74 26.9 26.2 39.4



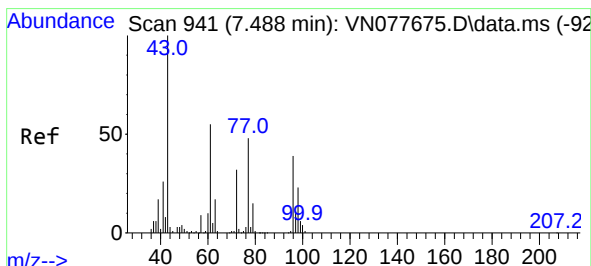
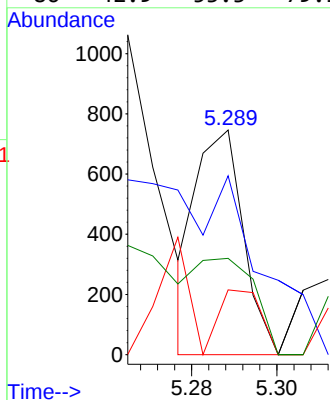
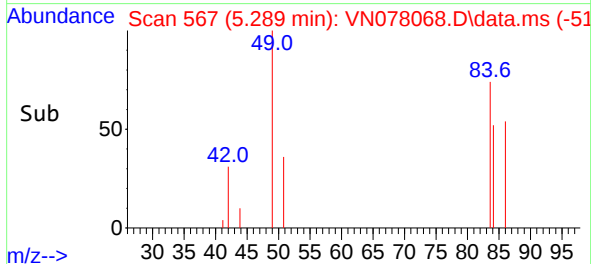


#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078068.D
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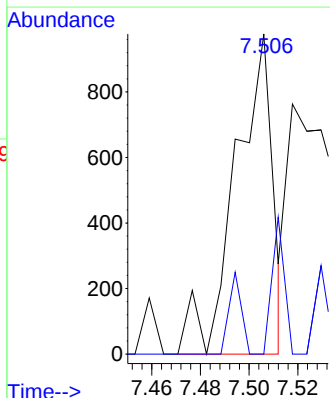
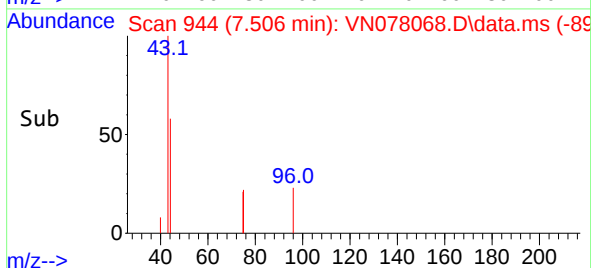
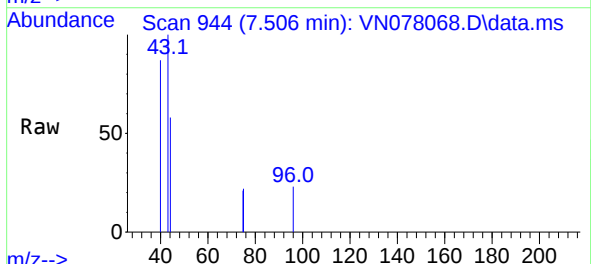


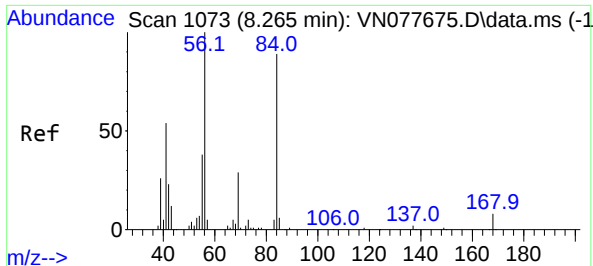
Tgt Ion:	84	Resp:	569
Ion	Ratio	Lower	Upper
84	100		
49	46.5	79.7	119.5#
51	28.8	25.2	37.8
86	42.9	53.3	79.9#



#25
2-Butanone
Concen: 0.418 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.018 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

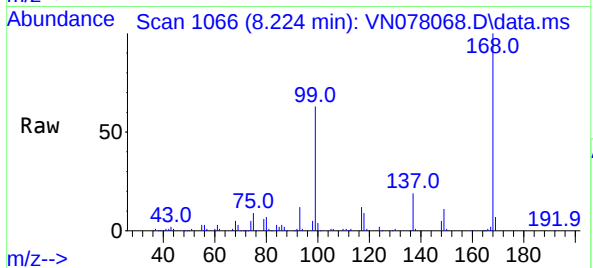
Tgt Ion:	43	Resp:	1043
Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.2	45.2#



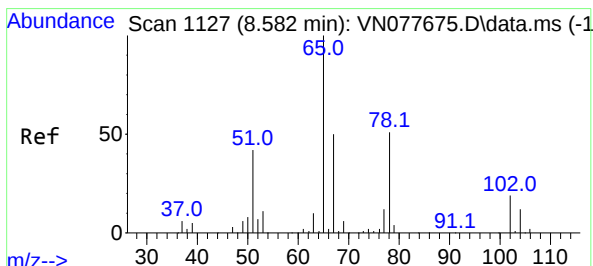
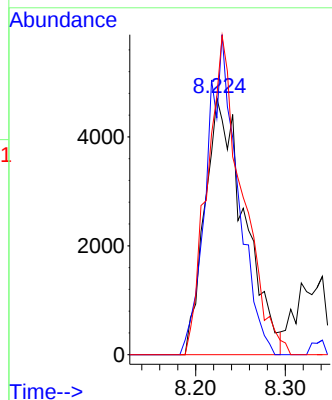
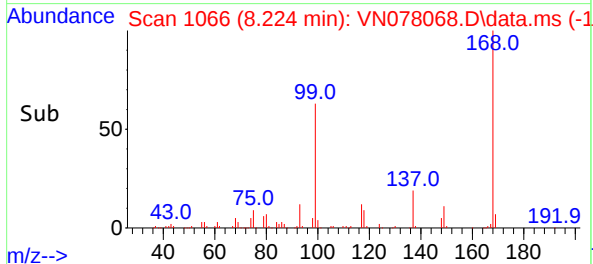


#31
Cyclohexane
Concen: 2.106 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.041 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

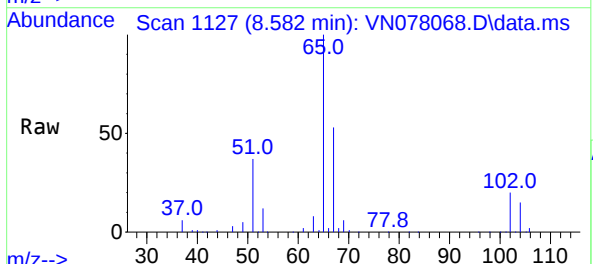
Instrument :
MSVOA_N
ClientSampleId :
WASTE



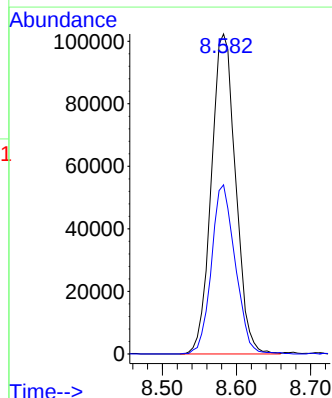
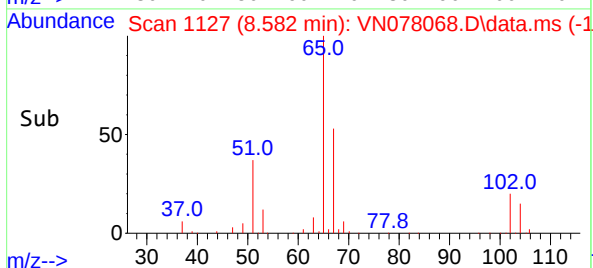
Tgt Ion: 56 Resp: 14498
Ion Ratio Lower Upper
56 100
69 92.3 26.8 40.2#
84 100.7 81.8 122.6

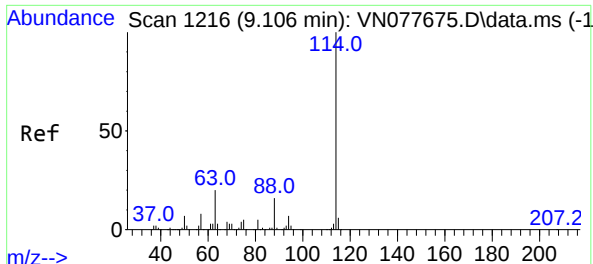


#33
1,2-Dichloroethane-d4
Concen: 45.906 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01



Tgt Ion: 65 Resp: 232516
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.6

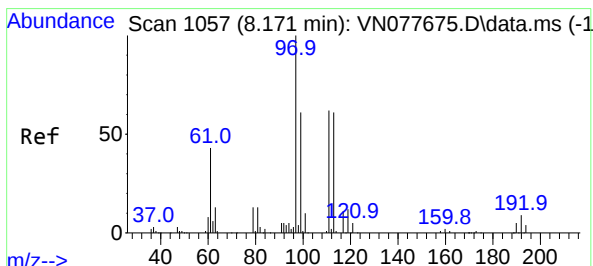
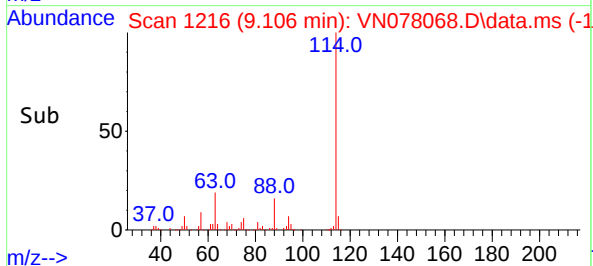
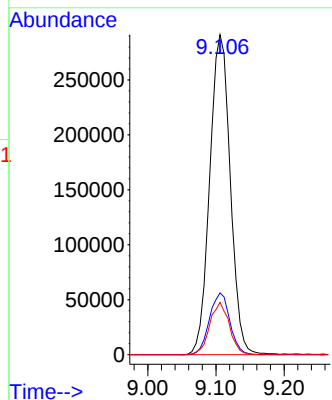
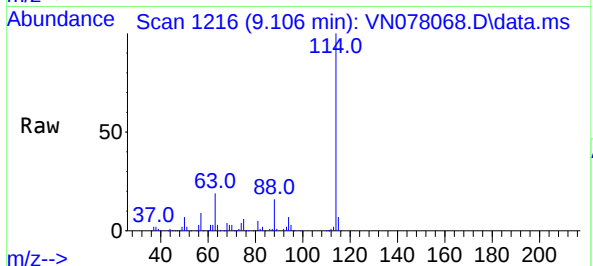




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

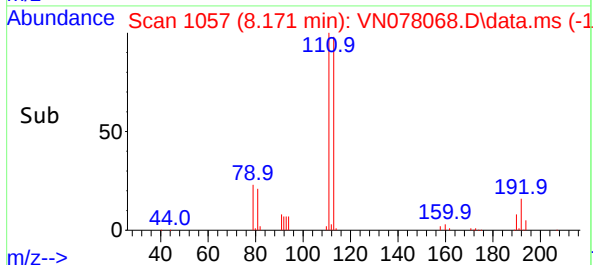
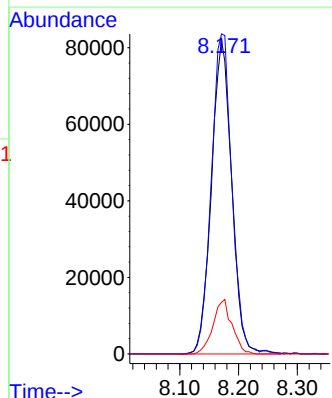
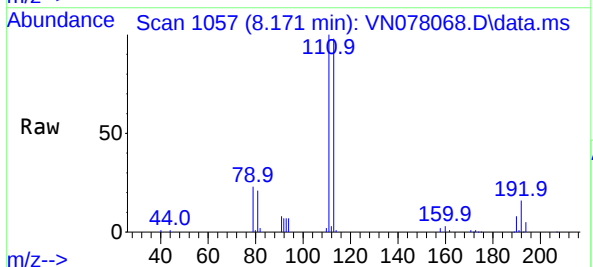
Instrument :
MSVOA_N
ClientSampleId :
WASTE

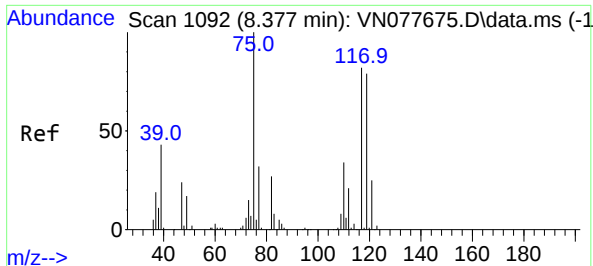
Tgt Ion:114 Resp: 611166
Ion Ratio Lower Upper
114 100
63 19.3 0.0 36.4
88 16.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.278 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

Tgt Ion:113 Resp: 196390
Ion Ratio Lower Upper
113 100
111 103.4 82.6 123.8
192 16.2 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.954 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

Lab File: VN078068.D

Acq: 06 Jun 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

WASTE

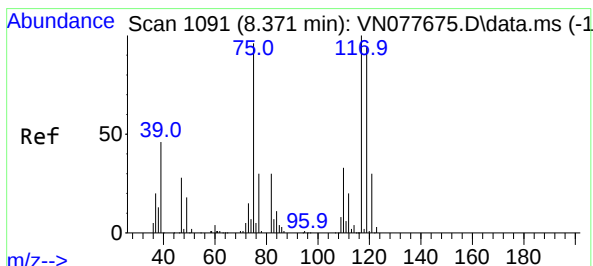
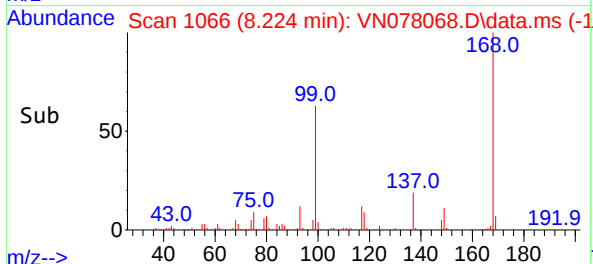
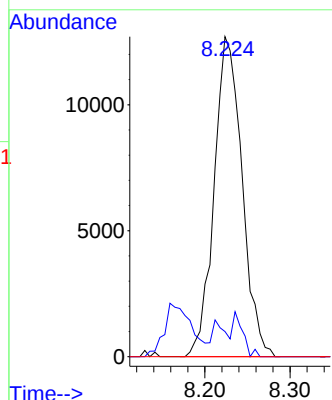
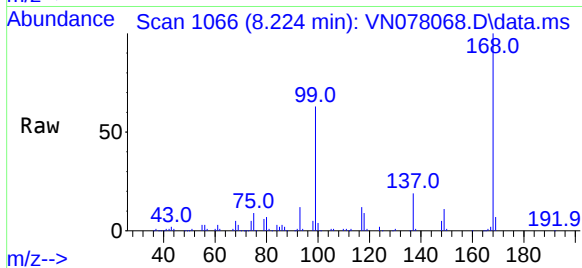
Tgt Ion: 75 Resp: 28876

Ion Ratio Lower Upper

75 100

110 5.0 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.056 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN078068.D

Acq: 06 Jun 2023 14:01

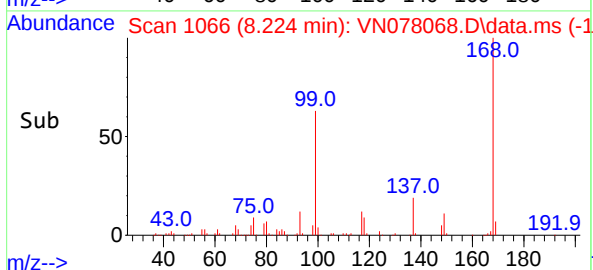
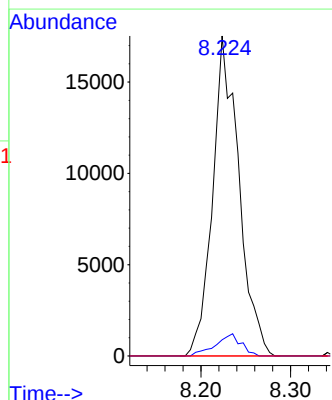
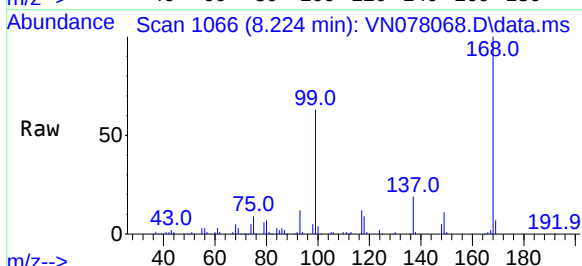
Tgt Ion: 117 Resp: 35647

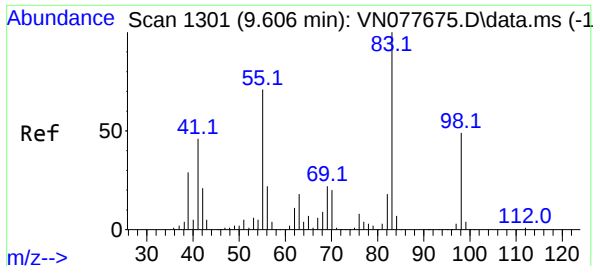
Ion Ratio Lower Upper

117 100

119 5.0 77.3 115.9#

121 0.0 23.3 34.9#

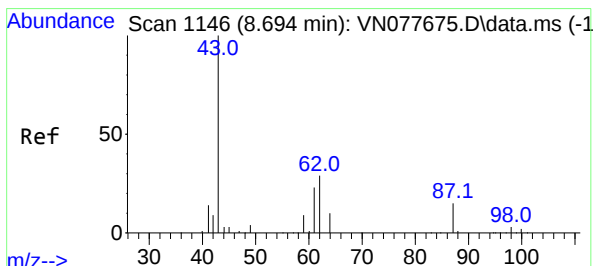
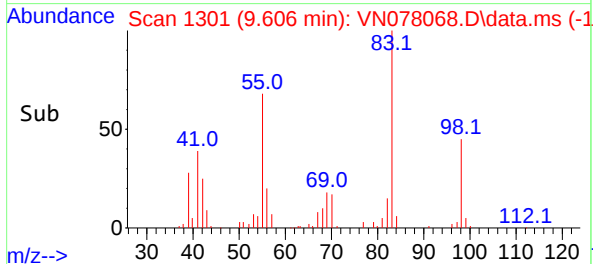
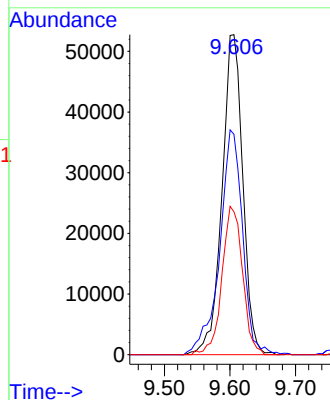
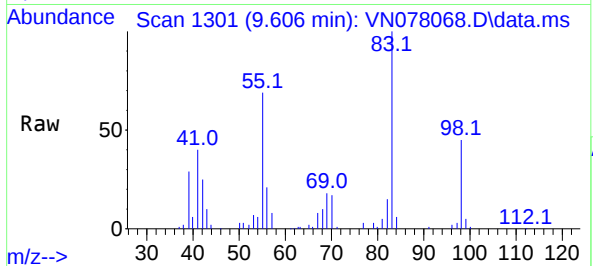




#39
Methylcyclohexane
Concen: 16.249 ug/l
RT: 9.606 min Scan# 1159
Delta R.T. -0.000 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

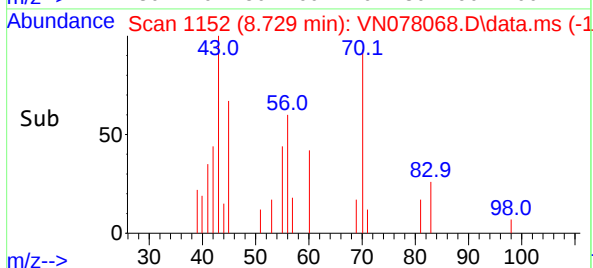
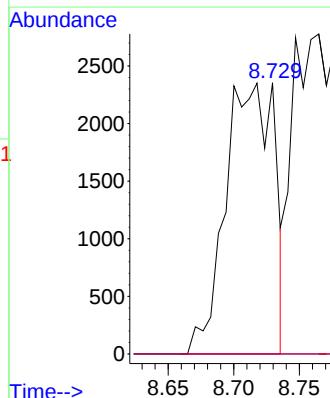
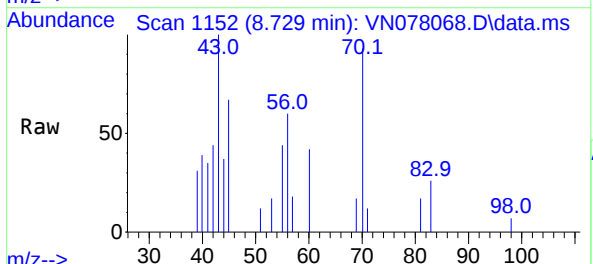
Instrument :
MSVOA_N
ClientSampleId :
WASTE

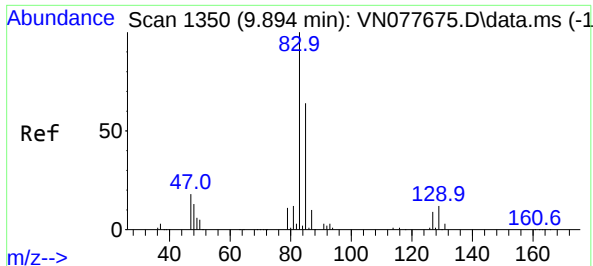
Tgt Ion: 83 Resp: 115963
Ion Ratio Lower Upper
83 100
55 68.9 49.1 73.7
98 44.6 40.6 61.0



#43
Isopropyl Acetate
Concen: 0.720 ug/l
RT: 8.729 min Scan# 1152
Delta R.T. 0.035 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

Tgt Ion: 43 Resp: 6108
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#

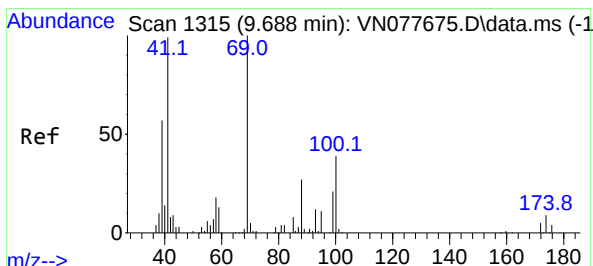
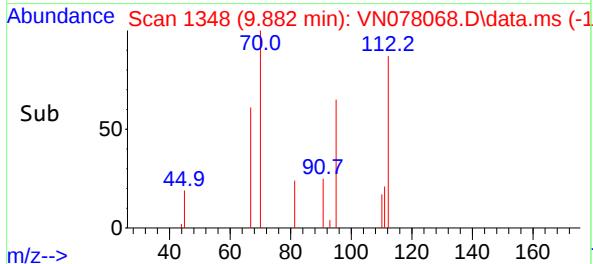
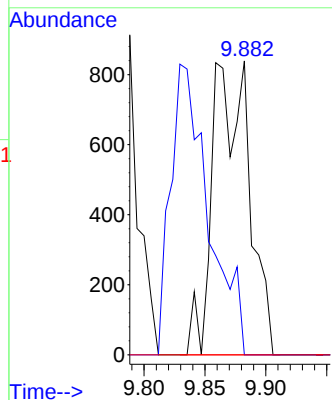
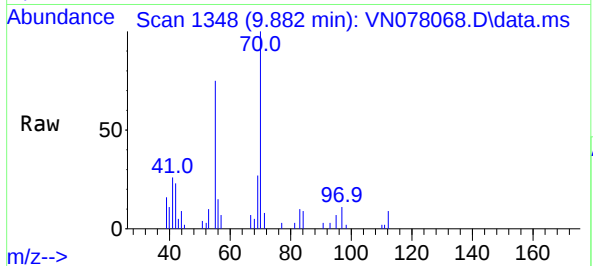




#47
Bromodichloromethane
Concen: 0.292 ug/l
RT: 9.882 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

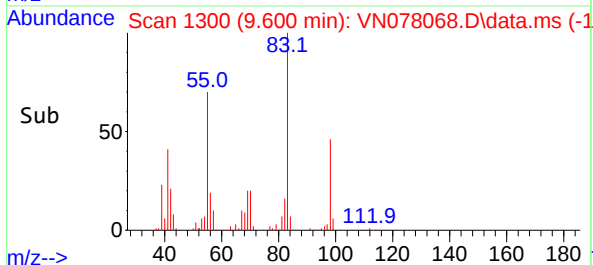
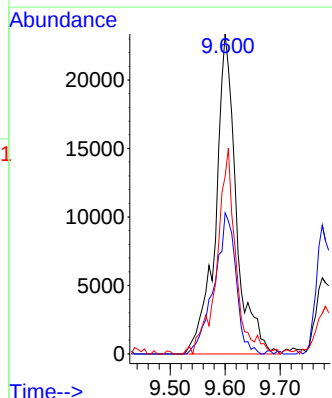
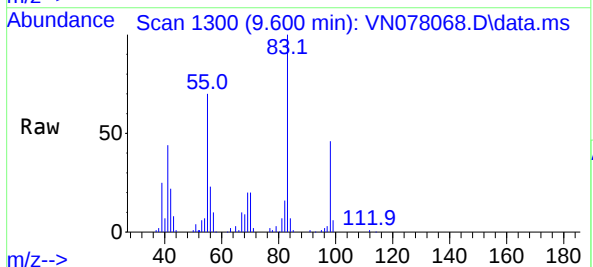
Instrument :
MSVOA_N
ClientSampleId :
WASTE

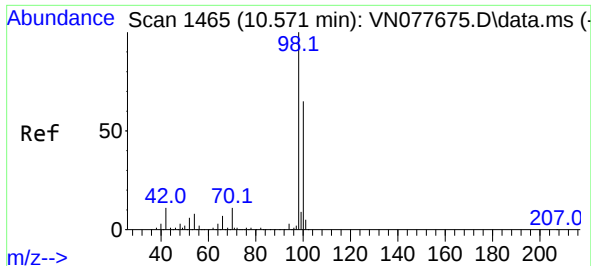
Tgt Ion: 83 Resp: 1758
Ion Ratio Lower Upper
83 100
85 0.0 49.6 74.4#
127 0.0 7.0 10.6#



#48
Methyl methacrylate
Concen: 15.271 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.088 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

Tgt Ion: 41 Resp: 61445
Ion Ratio Lower Upper
41 100
69 46.0 90.4 135.6#
39 56.4 54.6 81.8

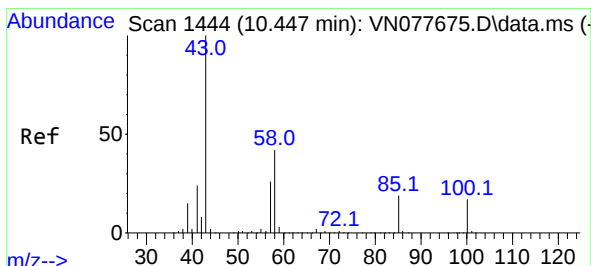
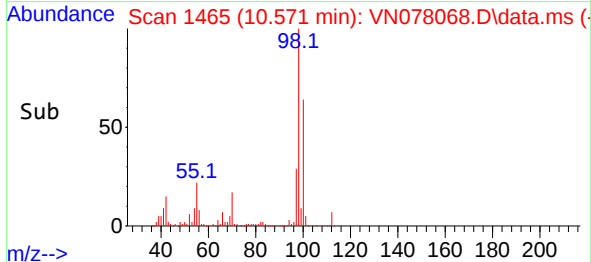
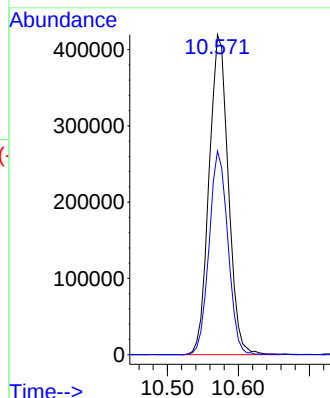
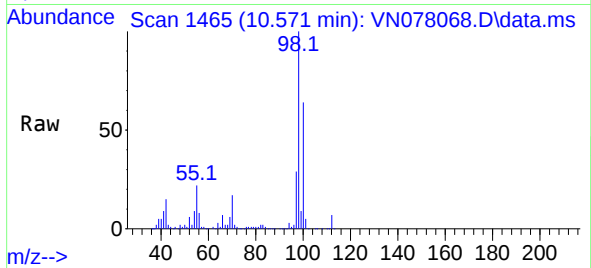




#50
Toluene-d8
Concen: 51.483 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

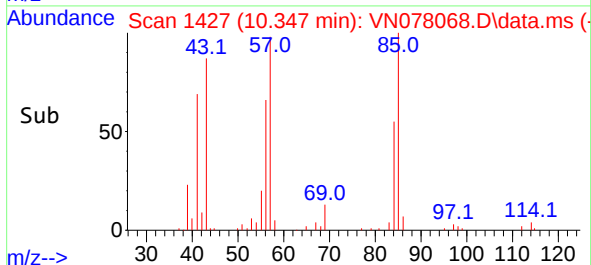
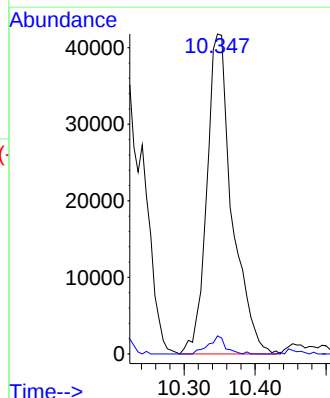
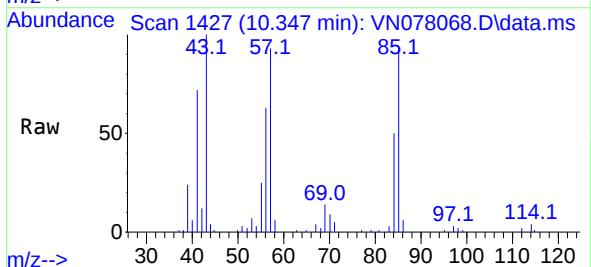
Instrument :
MSVOA_N
ClientSampleId :
WASTE

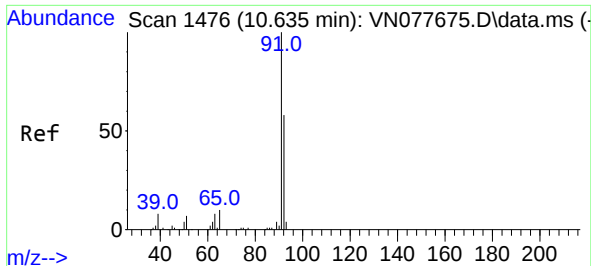
Tgt Ion: 98 Resp: 789736
Ion Ratio Lower Upper
98 100
100 62.1 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 20.506 ug/l
RT: 10.347 min Scan# 1427
Delta R.T. -0.100 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

Tgt Ion: 43 Resp: 103442
Ion Ratio Lower Upper
43 100
58 3.7 36.6 54.8#

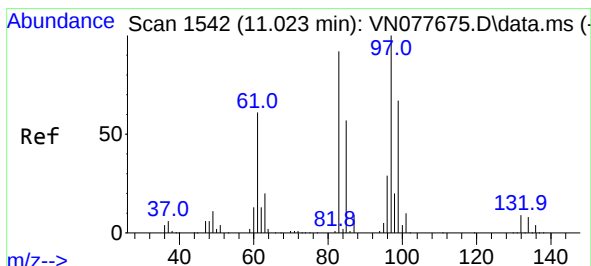
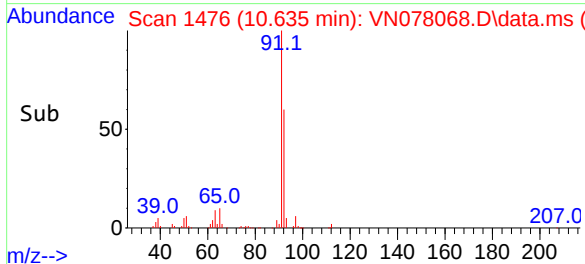
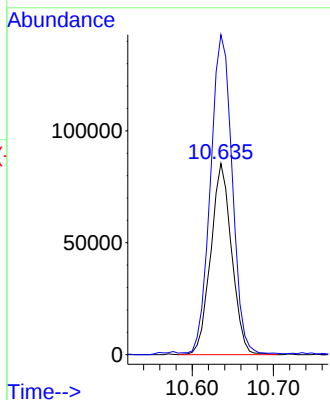
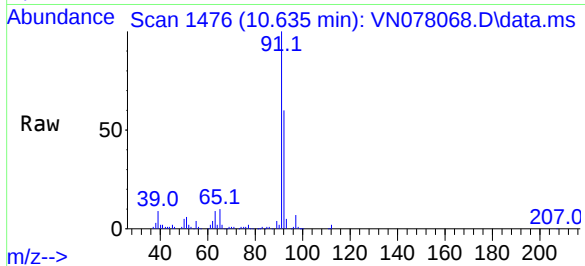




#52
Toluene
Concen: 14.269 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

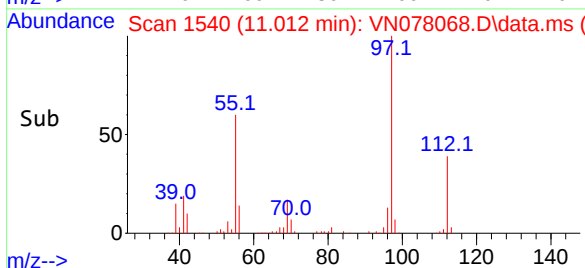
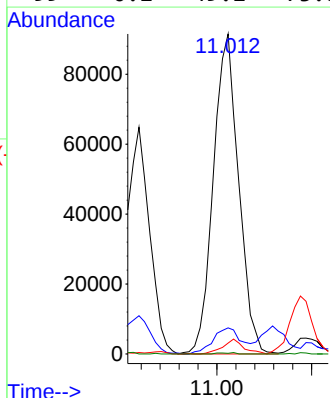
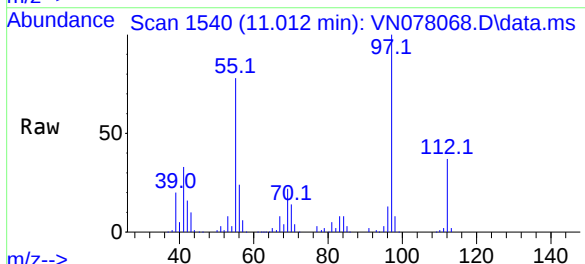
Instrument :
MSVOA_N
ClientSampleId :
WASTE

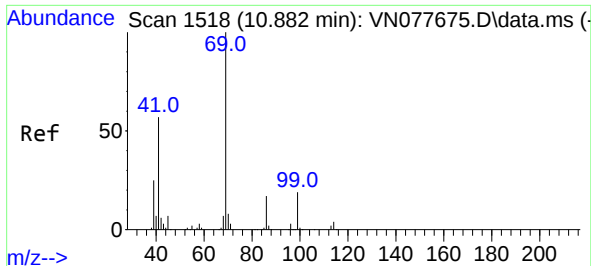
Tgt Ion: 92 Resp: 152807
Ion Ratio Lower Upper
92 100
91 172.7 137.4 206.0



#55
1,1,2-Trichloroethane
Concen: 39.910 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.011 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

Tgt Ion: 97 Resp: 169701
Ion Ratio Lower Upper
97 100
83 7.8 65.1 97.7#
85 3.4 43.4 65.2#
99 0.2 49.2 73.8#

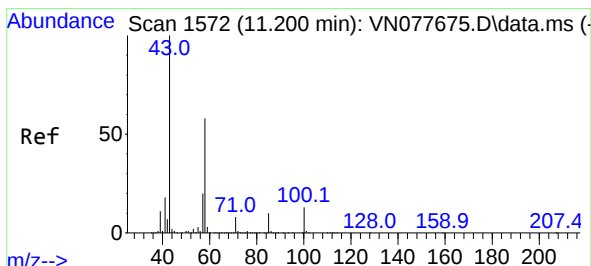
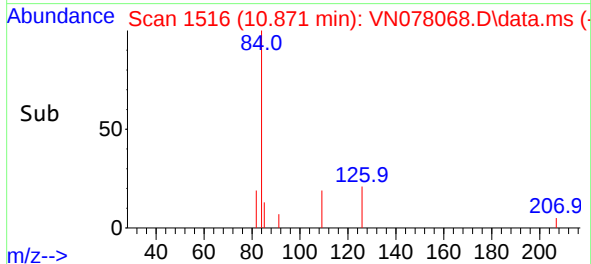
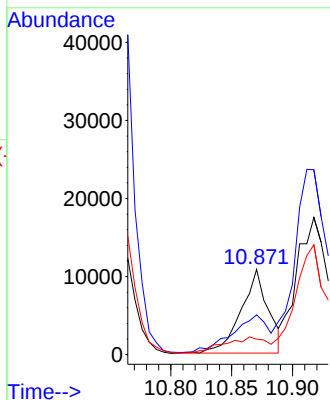
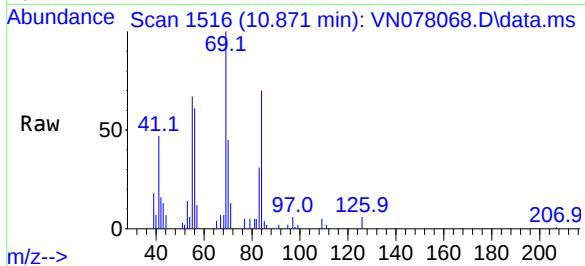




#56
Ethyl methacrylate
Concen: 2.589 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.011 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

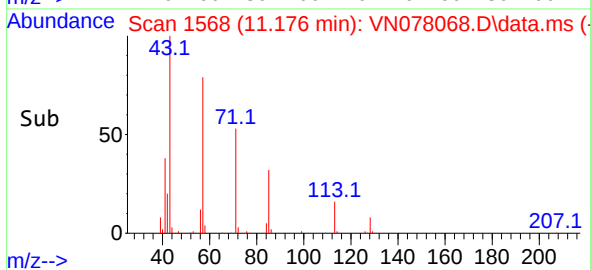
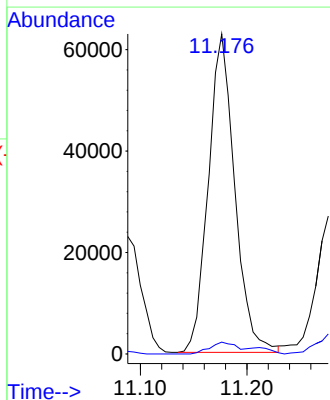
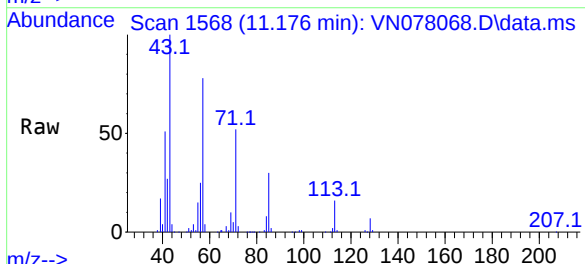
Instrument :
MSVOA_N
ClientSampleId :
WASTE

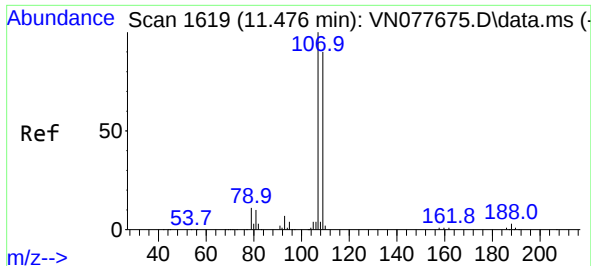
Tgt Ion: 69 Resp: 16643
Ion Ratio Lower Upper
69 100
41 58.2 39.6 59.4
39 29.3 28.6 43.0



#59
2-Hexanone
Concen: 29.021 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.024 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

Tgt Ion: 43 Resp: 108282
Ion Ratio Lower Upper
43 100
58 3.9 31.7 95.1#

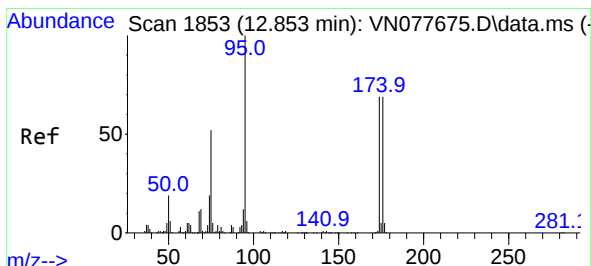
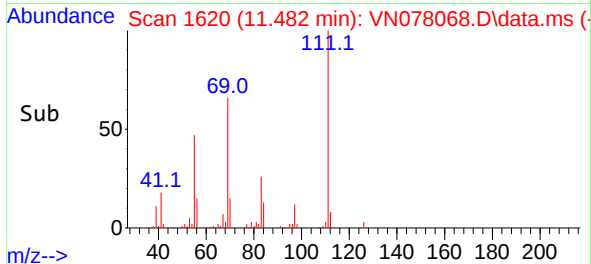
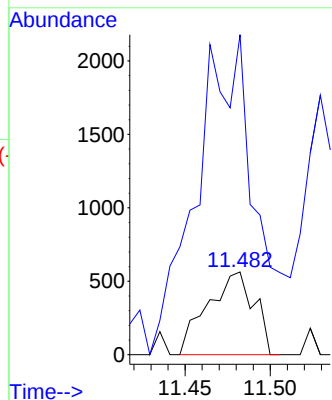
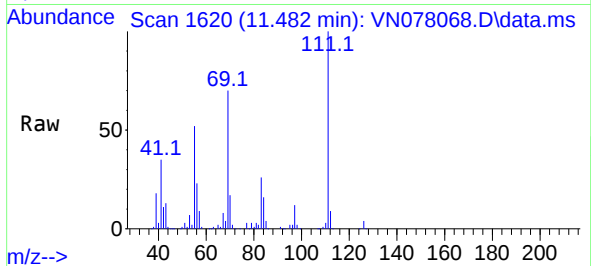




#61
1,2-Dibromoethane
Concen: 0.252 ug/l
RT: 11.482 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

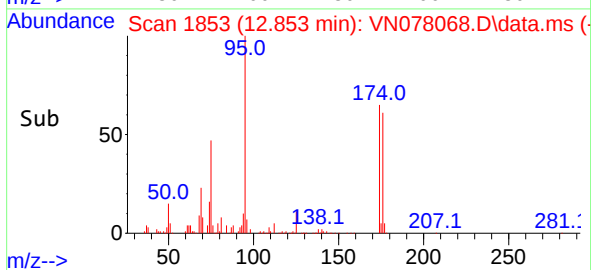
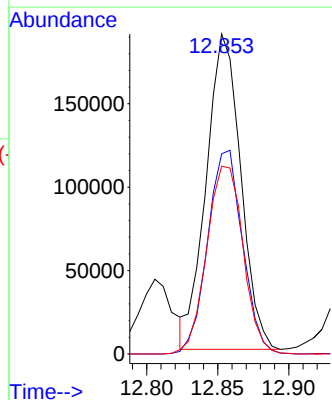
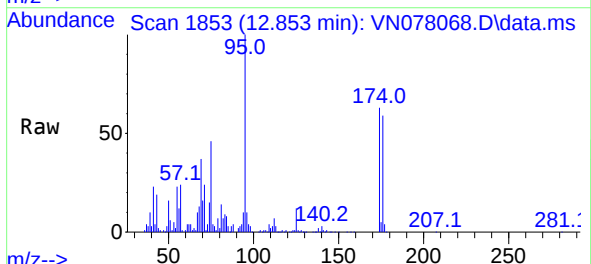
Instrument :
MSVOA_N
ClientSampleId :
WASTE

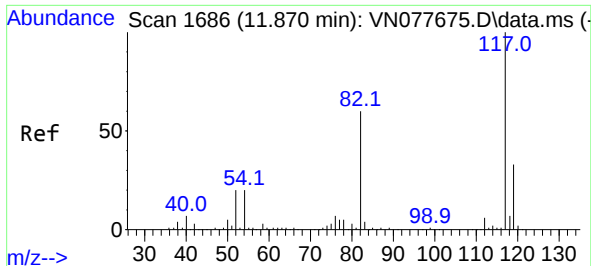
Tgt Ion:107 Resp: 1071
Ion Ratio Lower Upper
107 100
109 493.9 76.6 114.8#



#62
4-Bromofluorobenzene
Concen: 58.983 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

Tgt Ion: 95 Resp: 319552
Ion Ratio Lower Upper
95 100
174 65.4 0.0 143.8
176 63.1 0.0 135.8

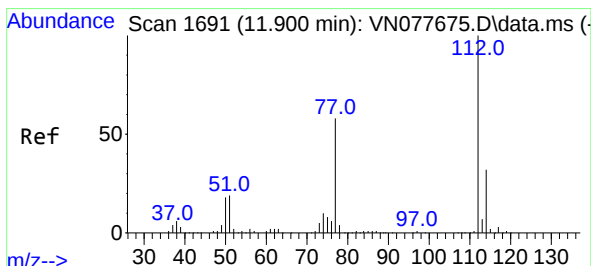
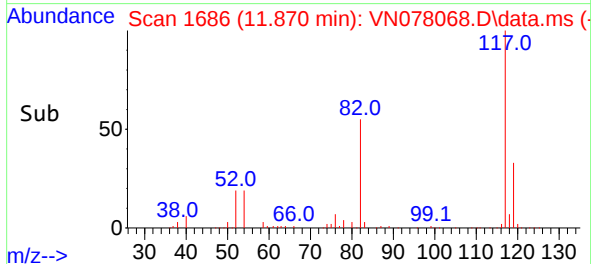
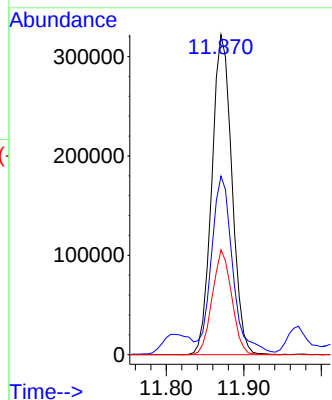
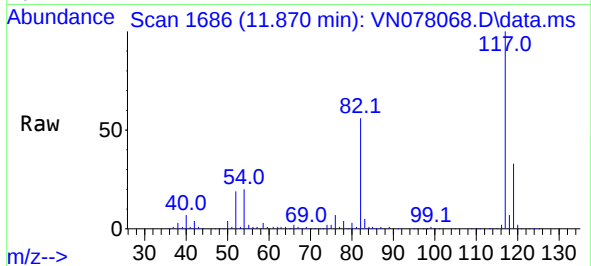




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

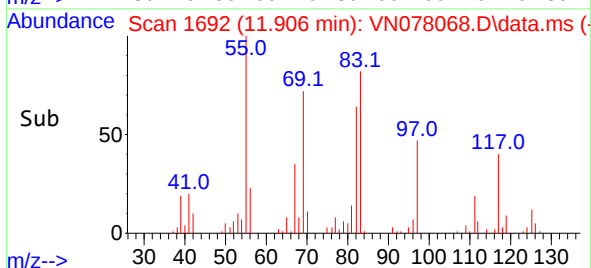
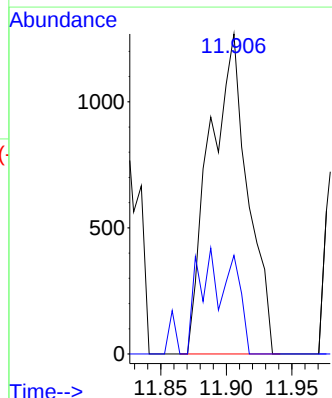
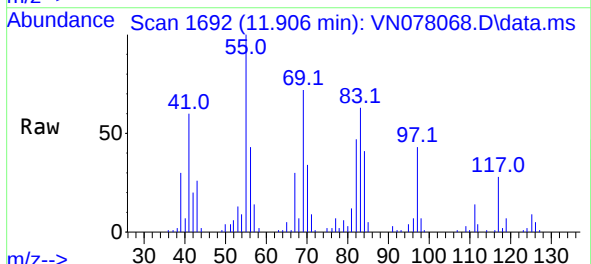
Instrument :
MSVOA_N
ClientSampleId :
WASTE

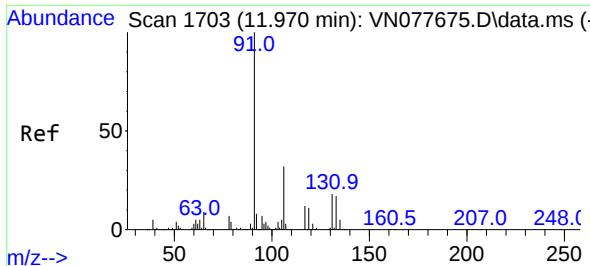
Tgt Ion:117 Resp: 579329
Ion Ratio Lower Upper
117 100
82 54.3 44.0 66.0
119 32.8 25.6 38.4



#65
Chlorobenzene
Concen: 0.204 ug/l
RT: 11.906 min Scan# 1692
Delta R.T. 0.006 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

Tgt Ion:112 Resp: 2567
Ion Ratio Lower Upper
112 100
114 30.8 25.0 37.4

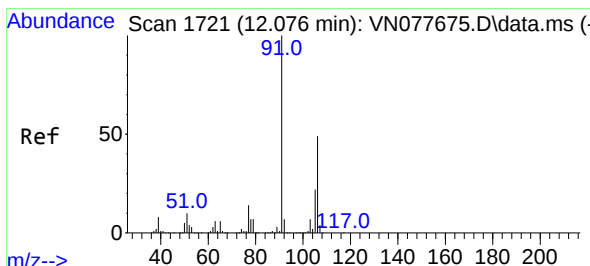
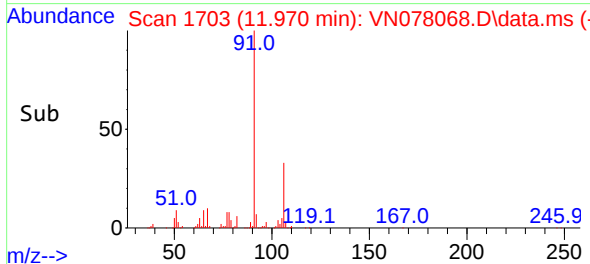
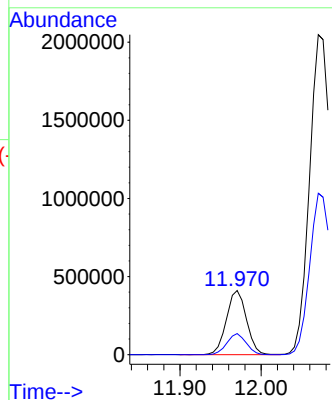
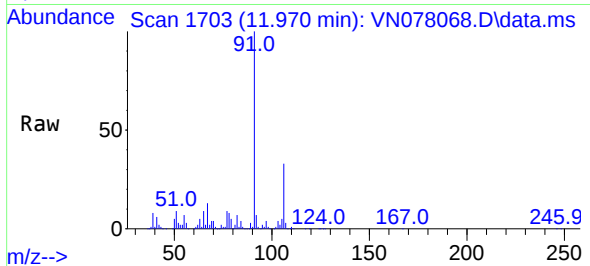




#67
Ethyl Benzene
Concen: 31.297 ug/l
RT: 11.970 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

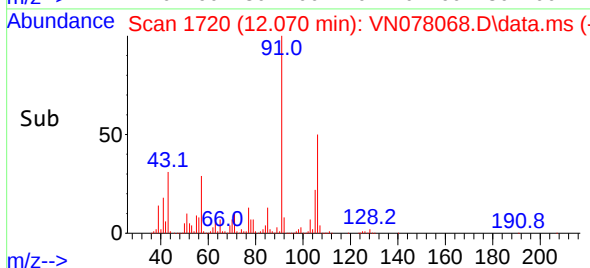
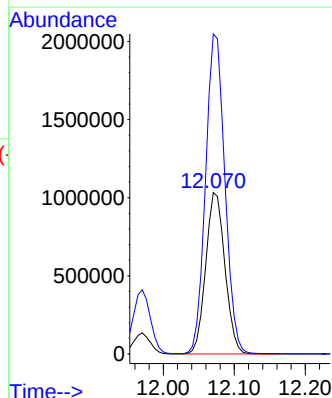
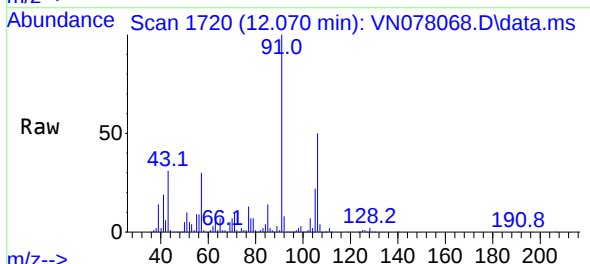
Instrument :
MSVOA_N
ClientSampleId :
WASTE

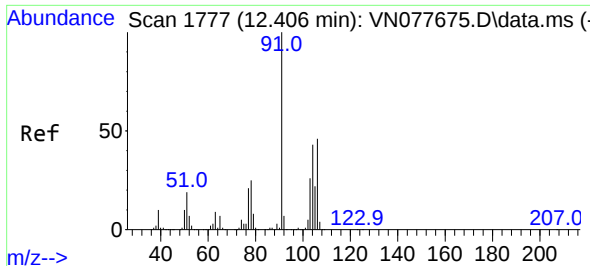
Tgt Ion: 91 Resp: 704385
Ion Ratio Lower Upper
91 100
106 33.0 25.6 38.4



#68
m/p-Xylenes
Concen: 227.463 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

Tgt Ion:106 Resp: 1939799
Ion Ratio Lower Upper
106 100
91 199.9 159.6 239.4

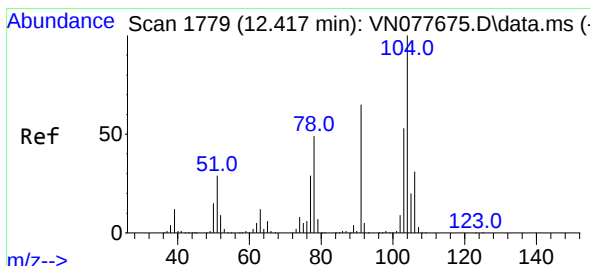
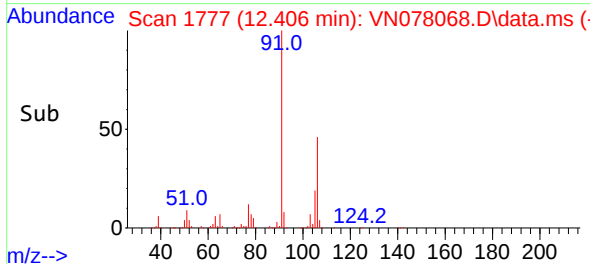
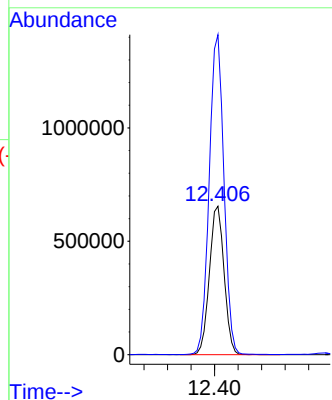
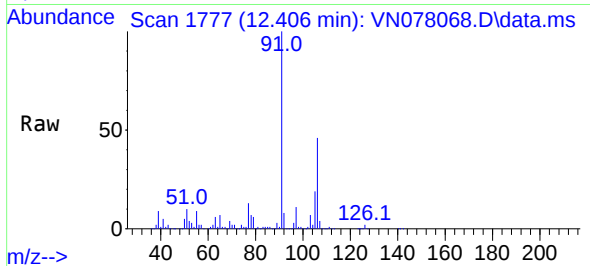




#69
o-Xylene
Concen: 135.032 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

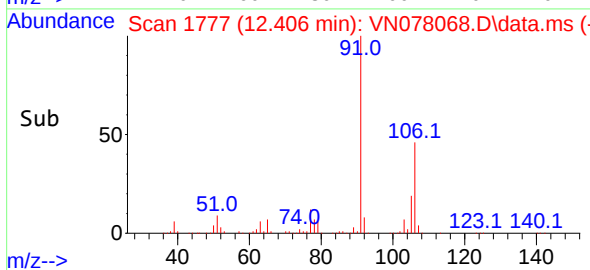
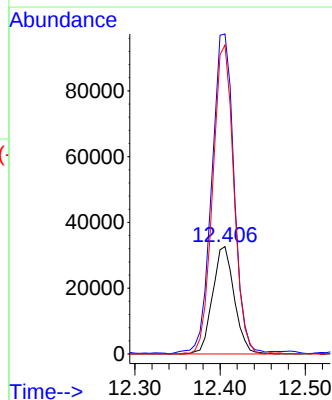
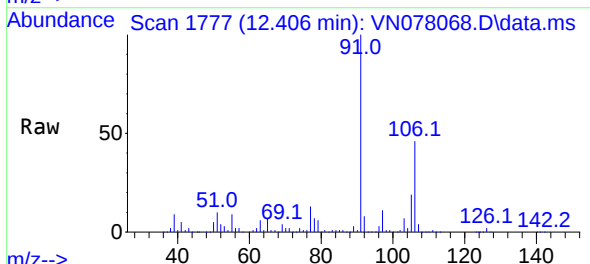
Instrument :
MSVOA_N
ClientSampleId :
WASTE

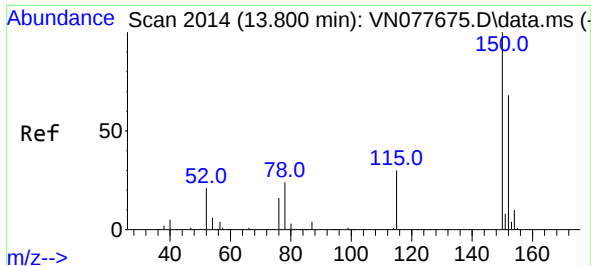
Tgt Ion:106 Resp: 1132487
Ion Ratio Lower Upper
106 100
91 215.8 105.2 315.5



#70
Styrene
Concen: 4.332 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.011 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

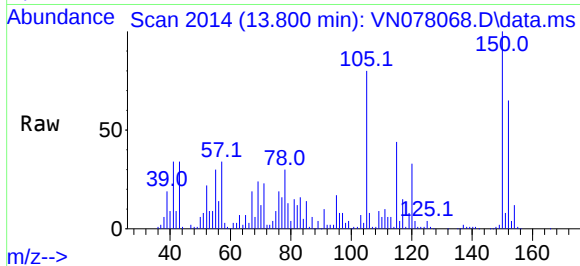
Tgt Ion:104 Resp: 57709
Ion Ratio Lower Upper
104 100
78 307.1 39.5 59.3#
103 279.6 43.2 64.8#



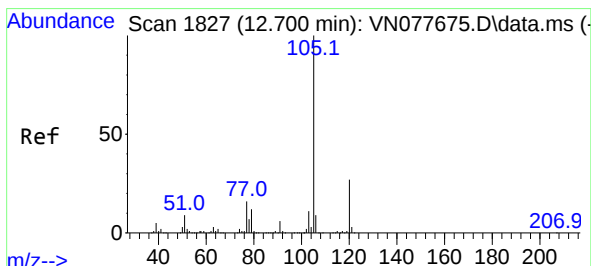
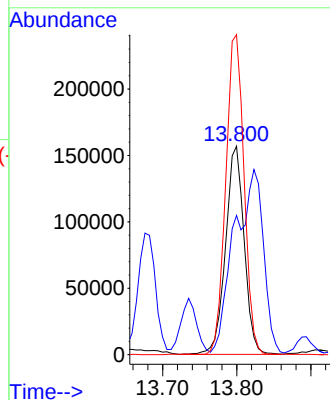
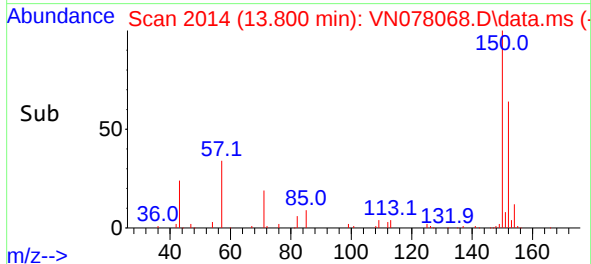


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

Instrument :
MSVOA_N
ClientSampleId :
WASTE

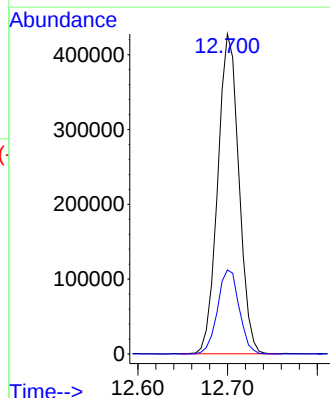
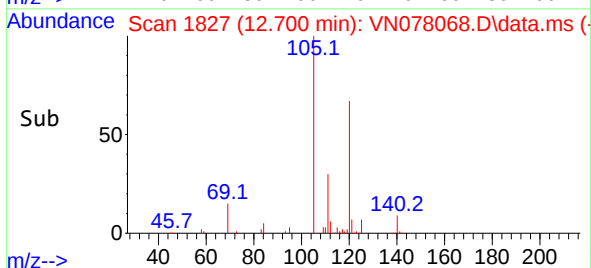
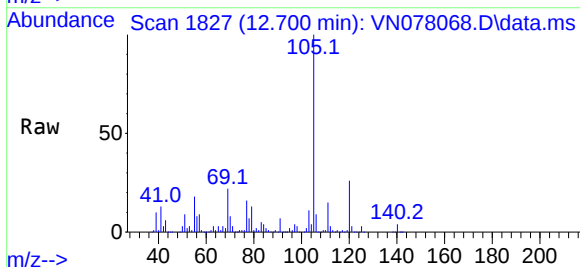


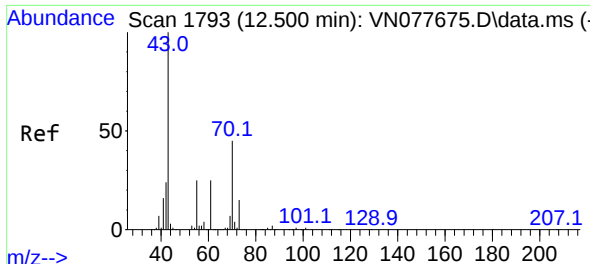
Tgt Ion:152 Resp: 272683
Ion Ratio Lower Upper
152 100
115 0.0 32.3 96.8#
150 151.0 0.0 355.8



#73
Isopropylbenzene
Concen: 29.769 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

Tgt Ion:105 Resp: 699726
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1

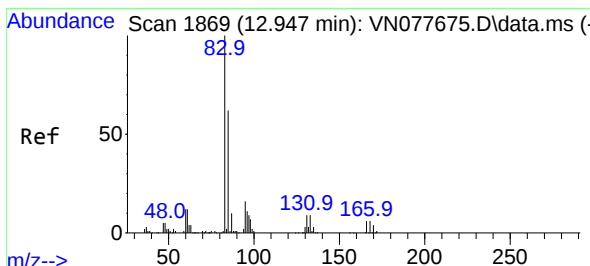
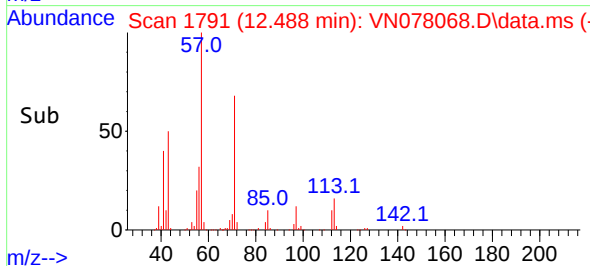
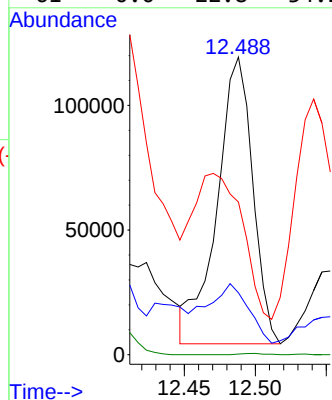
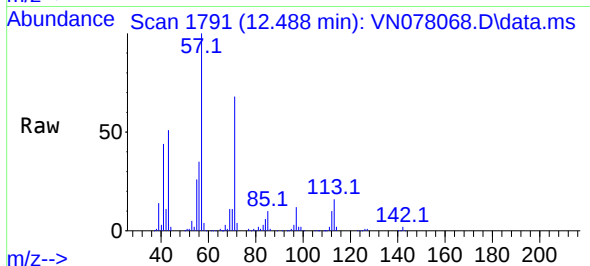




#74
N-amy1 acetate
Concen: 23.220 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.012 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

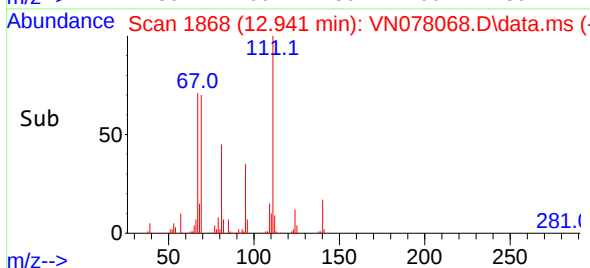
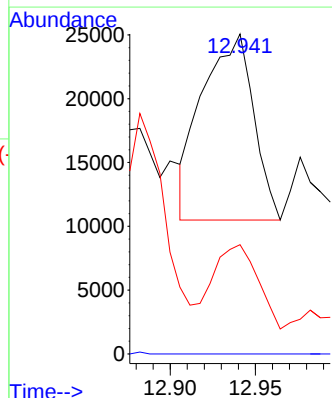
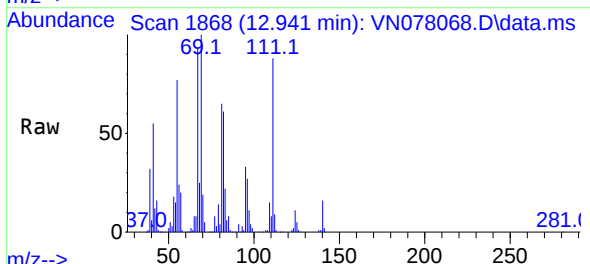
Instrument :
MSVOA_N
ClientSampleId :
WASTE

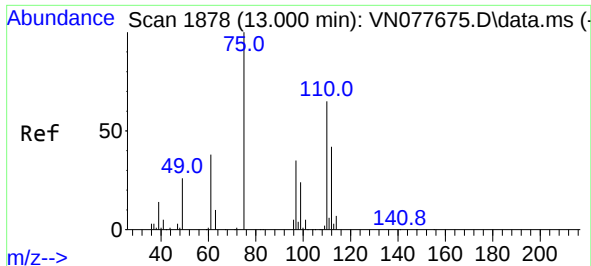
Tgt Ion: 43 Resp: 201737
Ion Ratio Lower Upper
43 100
70 18.9 43.4 65.2#
55 70.7 21.4 32.0#
61 0.0 22.8 34.2#



#75
1,1,2,2-Tetrachloroethane
Concen: 4.212 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.006 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

Tgt Ion: 83 Resp: 30458
Ion Ratio Lower Upper
83 100
131 0.0 5.0 15.0#
85 0.0 31.9 95.7#

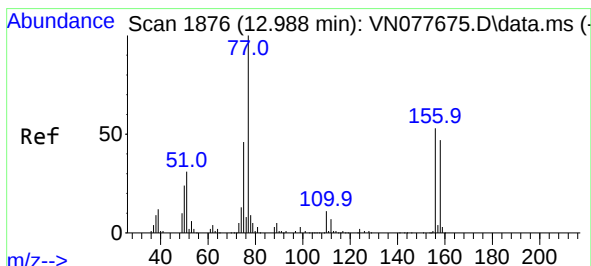
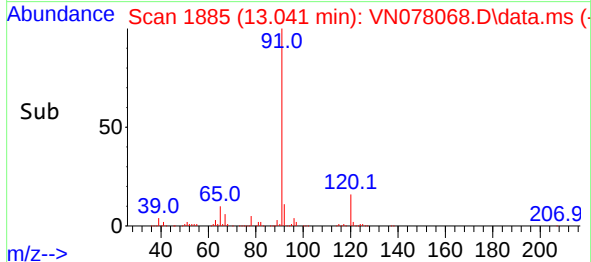
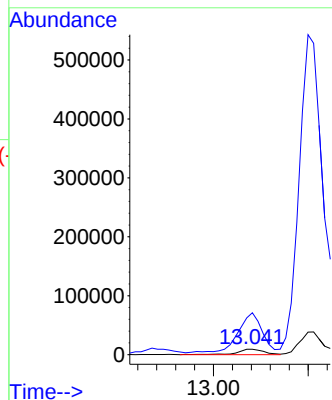
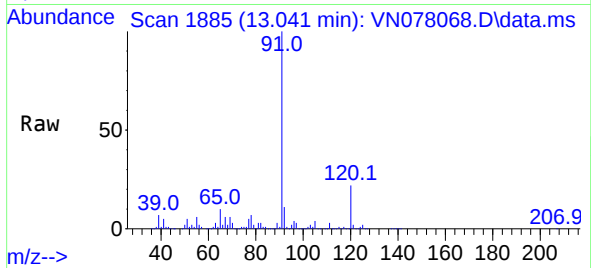




#76
1,2,3-Trichloropropane
Concen: 2.681 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.041 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

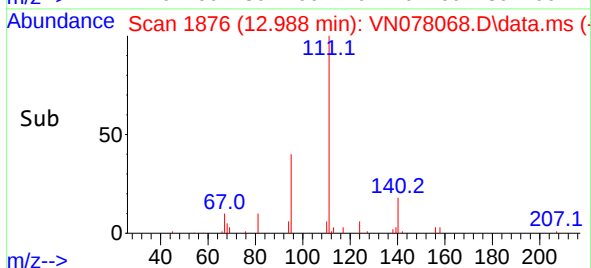
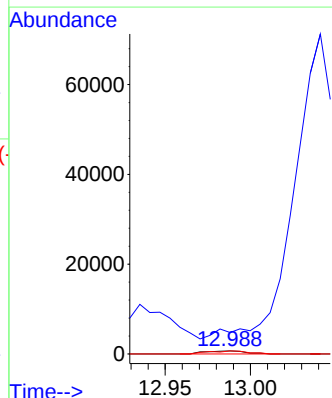
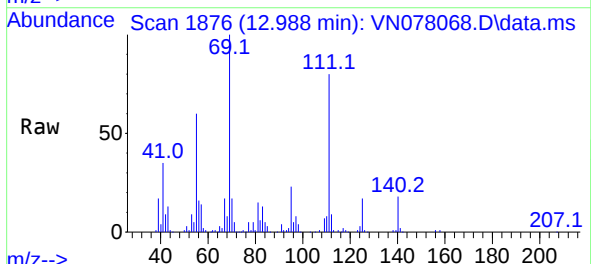
Instrument :
MSVOA_N
ClientSampleId :
WASTE

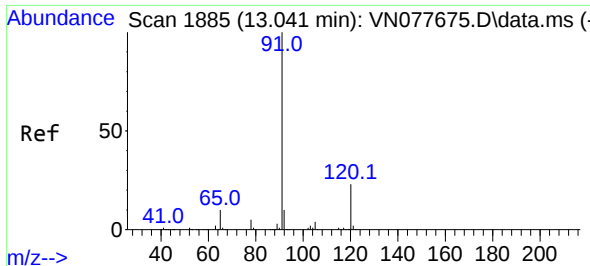
Tgt Ion: 75 Resp: 18308
Ion Ratio Lower Upper
75 100
77 657.5 84.5 253.5#



#77
Bromobenzene
Concen: 0.213 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

Tgt Ion:156 Resp: 1143
Ion Ratio Lower Upper
156 100
77 0.0 107.7 323.3#
158 95.2 48.4 145.3

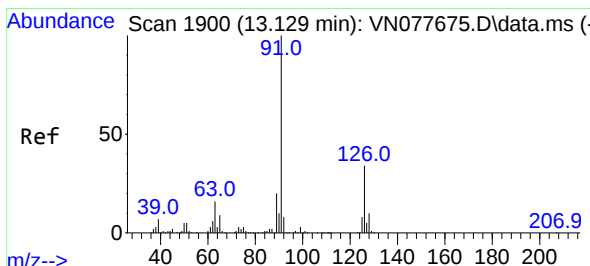
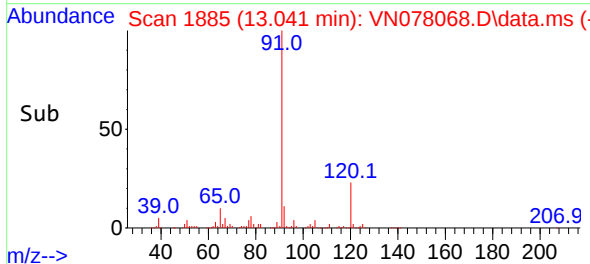
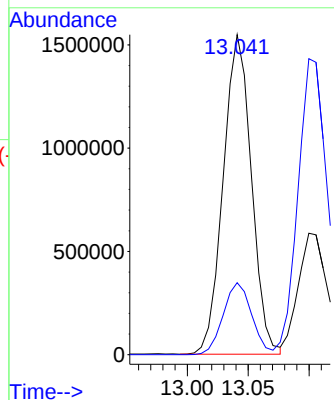
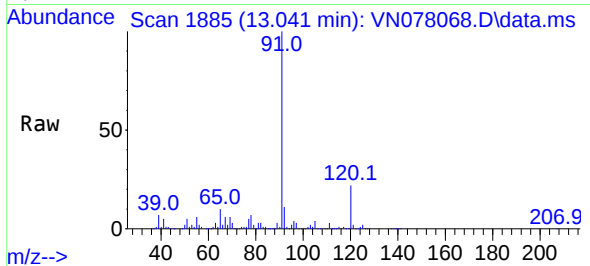




#78
n-propylbenzene
Concen: 89.917 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

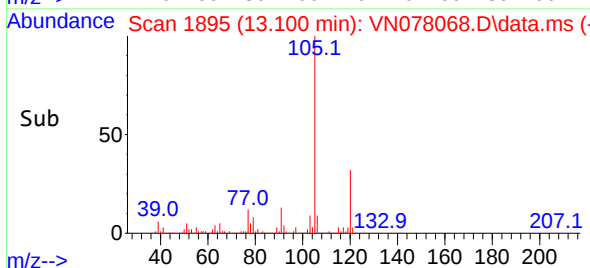
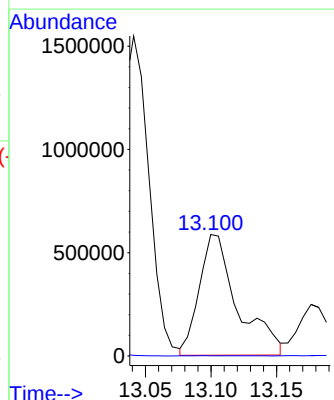
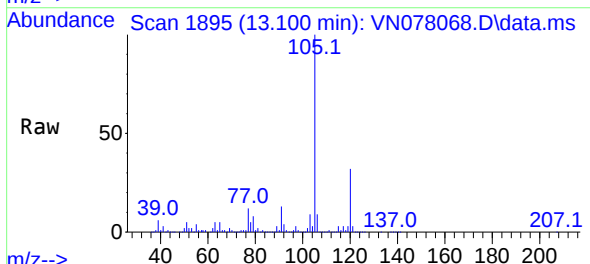
Instrument :
MSVOA_N
ClientSampleId :
WASTE

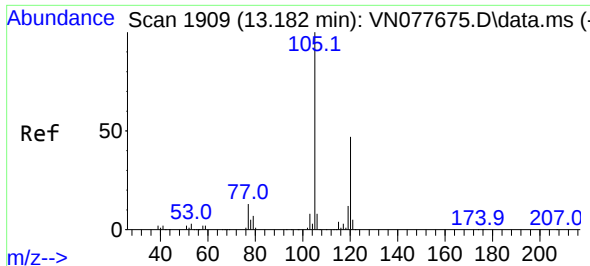
Tgt Ion: 91 Resp: 2491709
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4



#79
2-Chlorotoluene
Concen: 72.154 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.029 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

Tgt Ion: 91 Resp: 1193134
Ion Ratio Lower Upper
91 100
126 0.1 16.3 48.8#

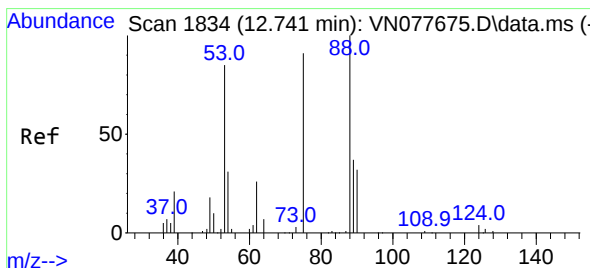
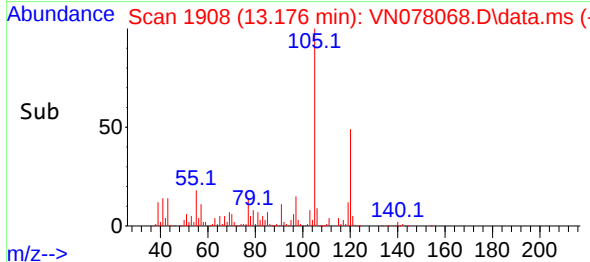
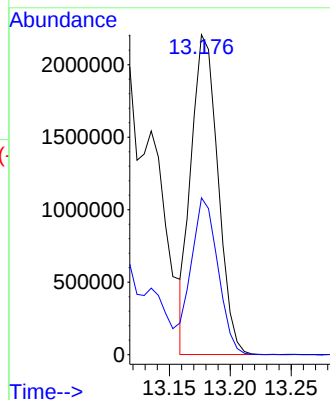
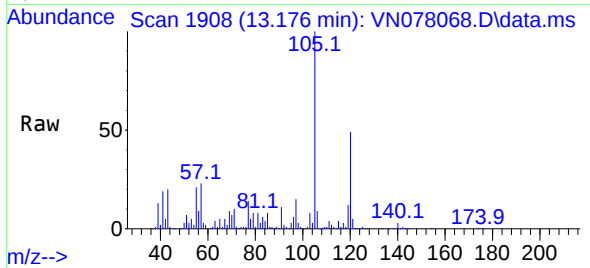




#80
1,3,5-Trimethylbenzene
Concen: 170.382 ug/l
RT: 13.176 min Scan# 1909
Delta R.T. -0.006 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

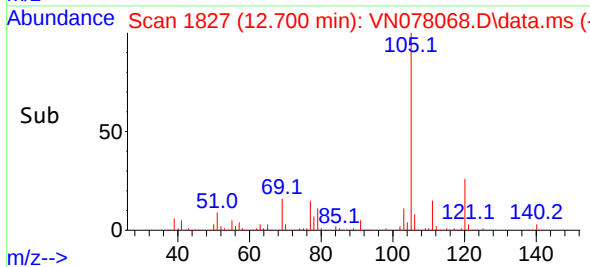
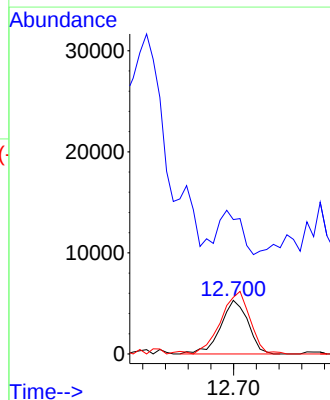
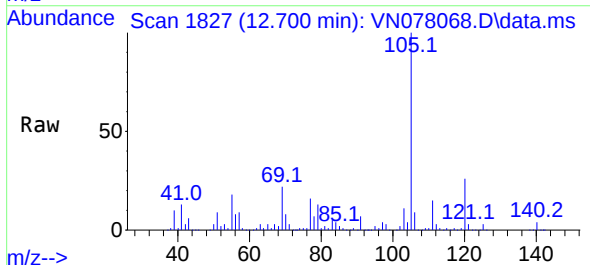
Instrument :
MSVOA_N
ClientSampleId :
WASTE

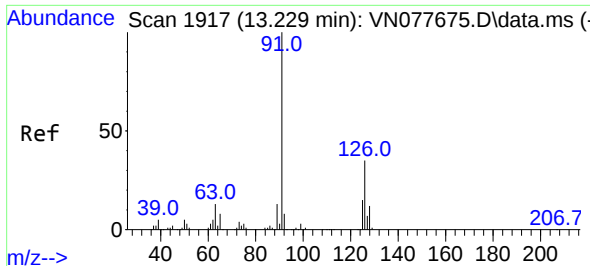
Tgt Ion:105 Resp: 3365956
Ion Ratio Lower Upper
105 100
120 50.5 24.1 72.3



#81
trans-1,4-Dichloro-2-butene
Concen: 4.170 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.041 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

Tgt Ion: 75 Resp: 8909
Ion Ratio Lower Upper
75 100
53 62.2 67.4 101.2#
89 123.6 38.8 58.2#

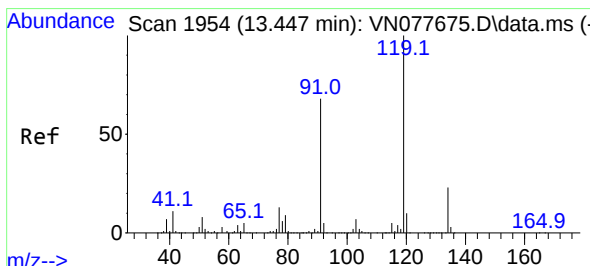
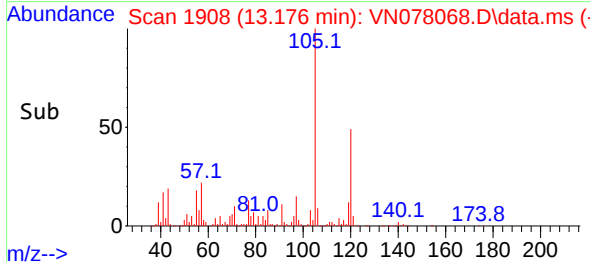
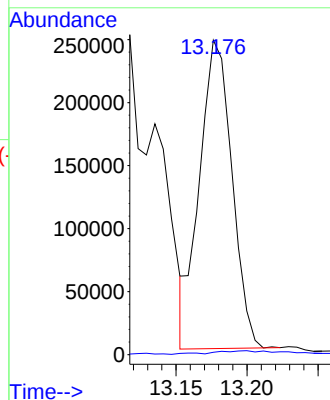
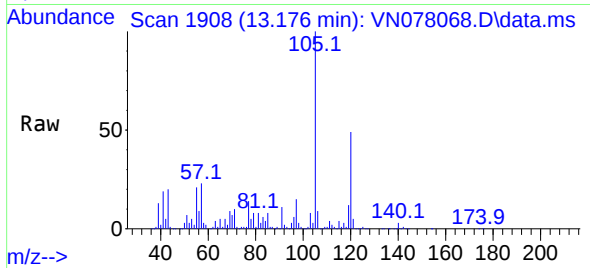




#82
4-Chlorotoluene
Concen: 23.610 ug/l
RT: 13.176 min Scan# 1917
Delta R.T. -0.053 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

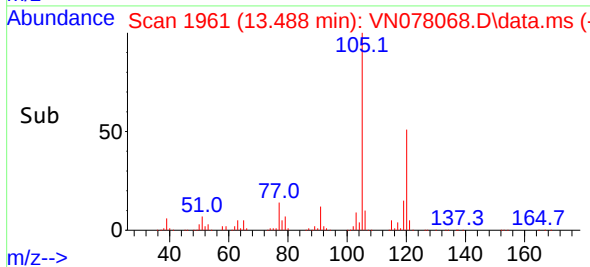
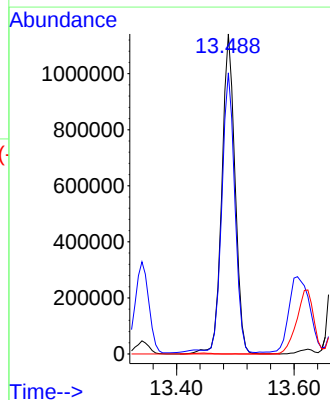
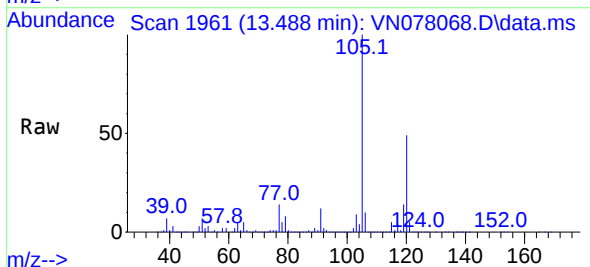
Instrument :
MSVOA_N
ClientSampleId :
WASTE

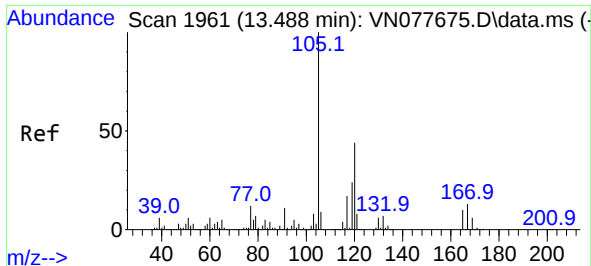
Tgt Ion: 91 Resp: 388452
Ion Ratio Lower Upper
91 100
126 0.0 16.7 50.0#



#83
tert-Butylbenzene
Concen: 102.769 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.041 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

Tgt Ion: 119 Resp: 1772390
Ion Ratio Lower Upper
119 100
91 86.1 33.9 101.7
134 0.0 13.2 39.6#

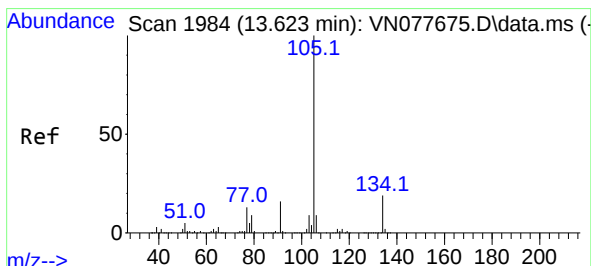
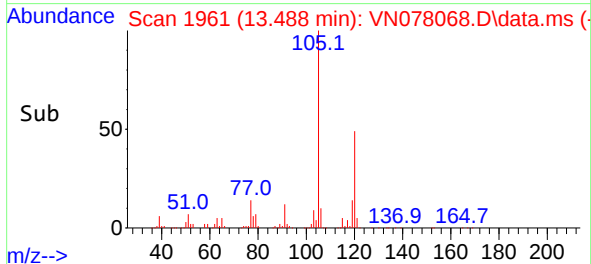
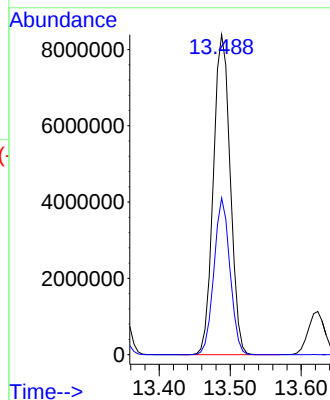
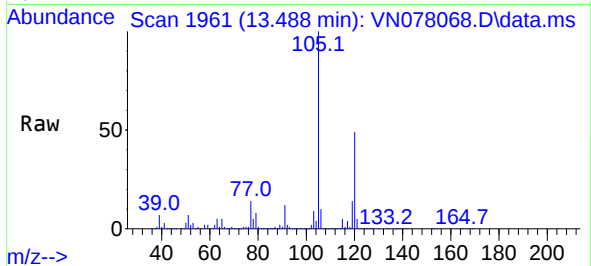




#84
1,2,4-Trimethylbenzene
Concen: 712.832 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

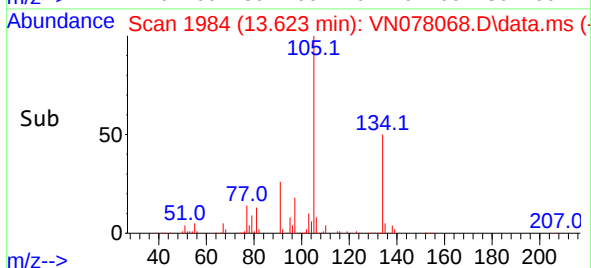
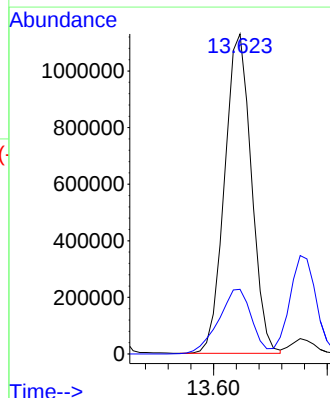
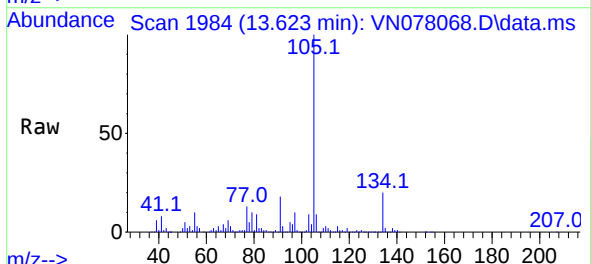
Instrument :
MSVOA_N
ClientSampleId :
WASTE

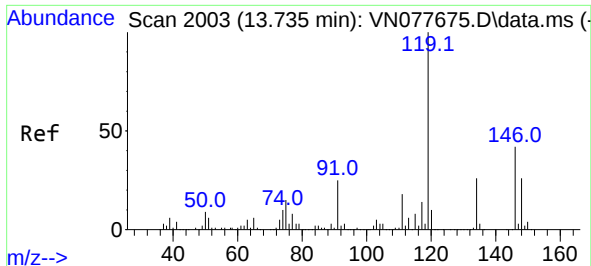
Tgt Ion:105 Resp:13849665
Ion Ratio Lower Upper
105 100
120 46.3 22.0 66.0



#85
sec-Butylbenzene
Concen: 75.330 ug/l
RT: 13.623 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

Tgt Ion:105 Resp: 1846332
Ion Ratio Lower Upper
105 100
134 24.9 9.8 29.3

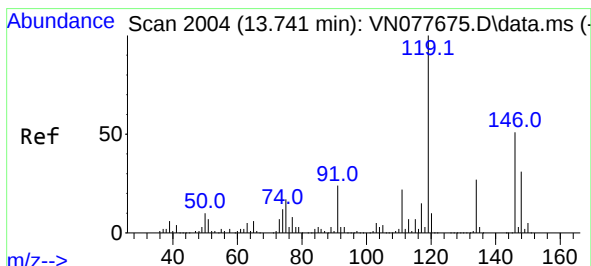
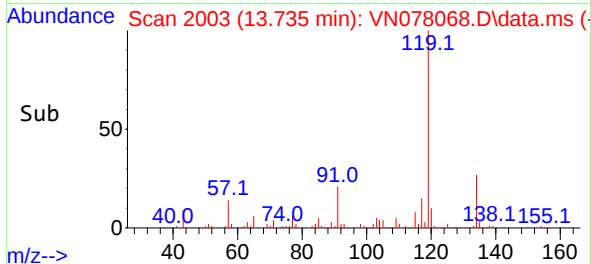
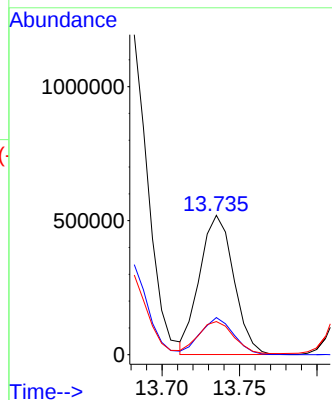
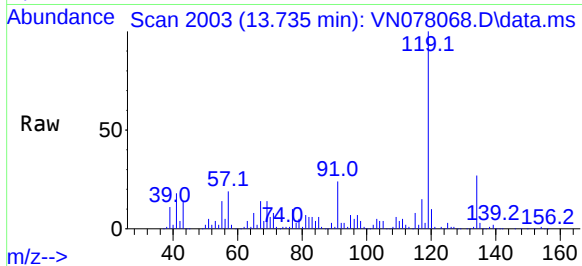




#86
p-Isopropyltoluene
Concen: 40.752 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

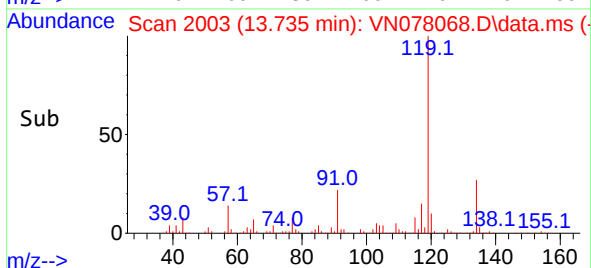
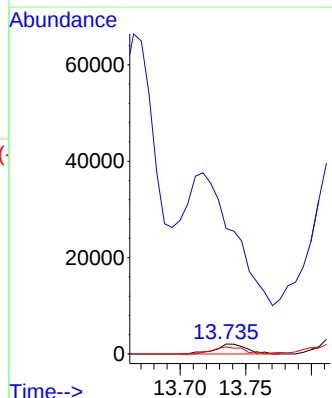
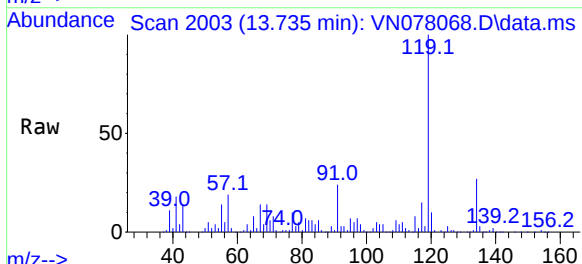
Instrument :
MSVOA_N
ClientSampleId :
WASTE

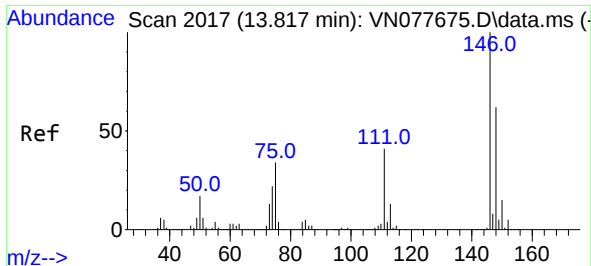
Tgt Ion:119 Resp: 796294
Ion Ratio Lower Upper
119 100
134 25.9 12.6 37.8
91 23.4 12.4 37.2



#87
1,3-Dichlorobenzene
Concen: 0.343 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

Tgt Ion:146 Resp: 3404
Ion Ratio Lower Upper
146 100
111 2075.5 22.1 66.3#
148 70.8 32.0 96.0

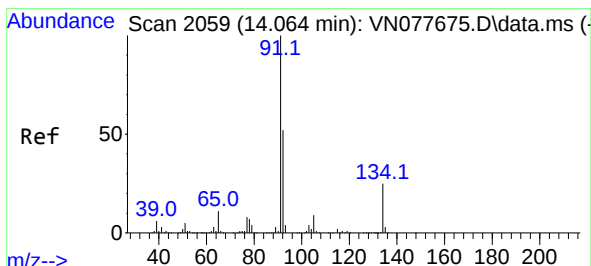
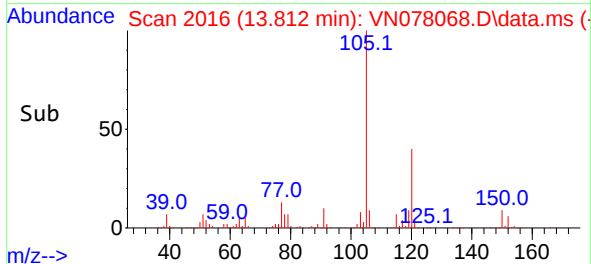
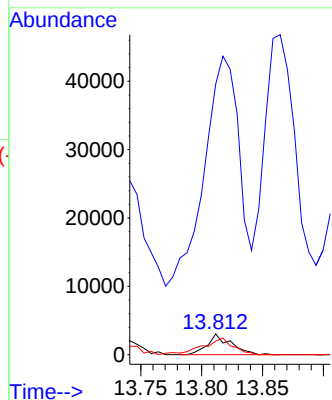
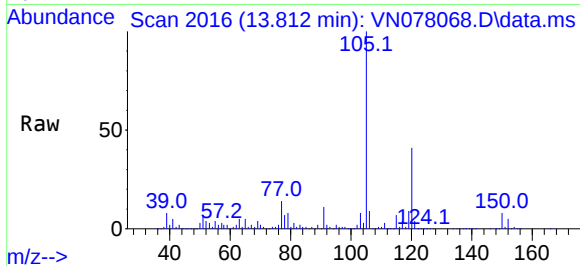




#88
1,4-Dichlorobenzene
Concen: 0.417 ug/l
RT: 13.812 min Scan# 2017
Delta R.T. -0.005 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

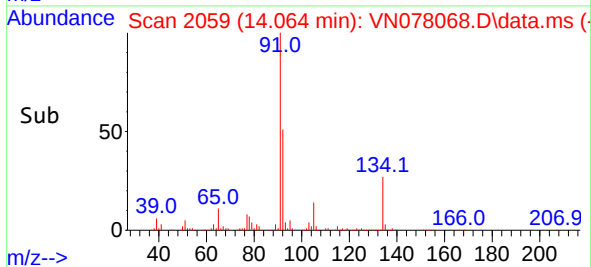
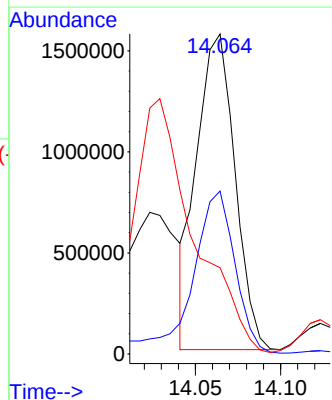
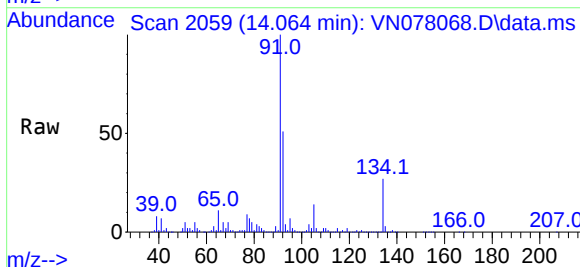
Instrument :
MSVOA_N
ClientSampleId :
WASTE

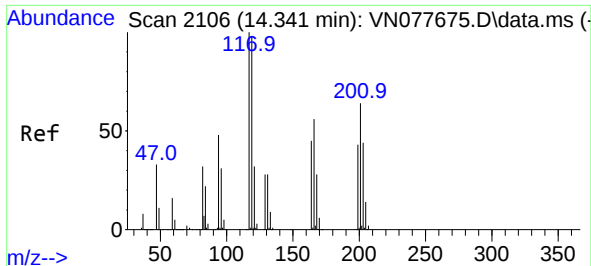
Tgt Ion:146 Resp: 4108
Ion Ratio Lower Upper
146 100
111 1621.4 20.6 61.8#
148 104.1 31.6 94.8#



#89
n-Butylbenzene
Concen: 135.504 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

Tgt Ion: 91 Resp: 2435363
Ion Ratio Lower Upper
91 100
92 55.5 26.4 79.0
134 0.0 12.6 37.6#

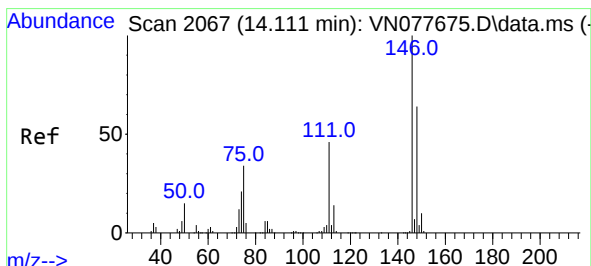
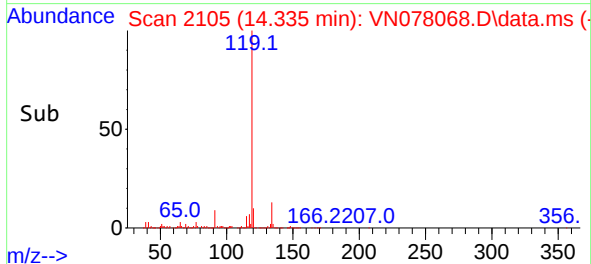
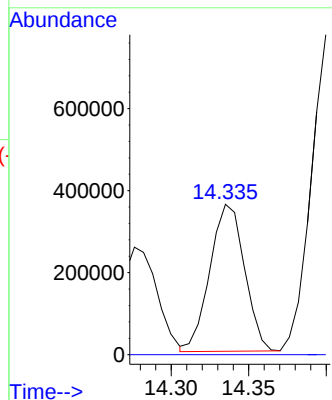
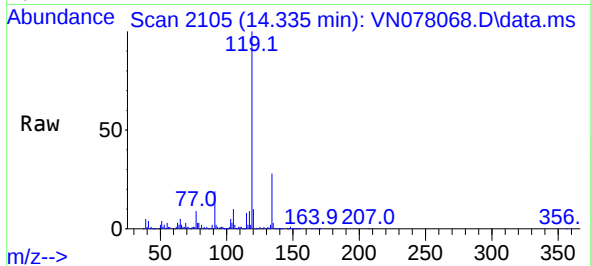




#90
Hexachloroethane
Concen: 173.341 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

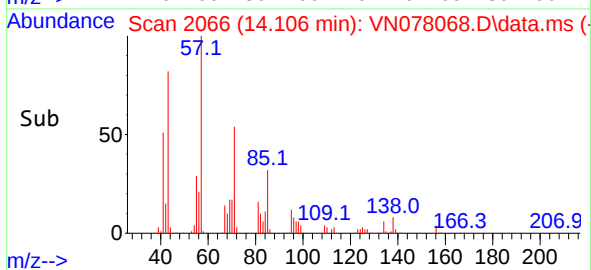
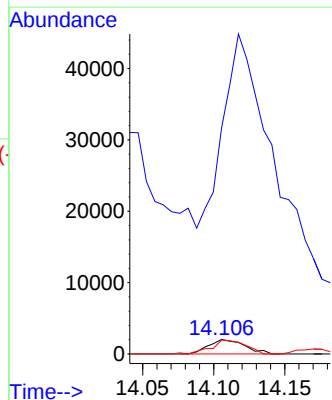
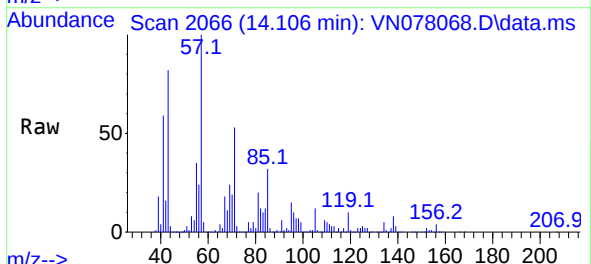
Instrument :
MSVOA_N
ClientSampleId :
WASTE

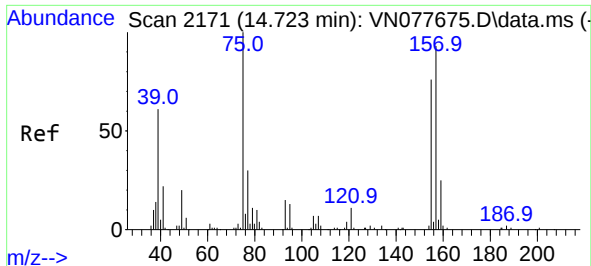
Tgt Ion:117 Resp: 556429
Ion Ratio Lower Upper
117 100
201 0.0 29.3 88.0#



#91
1,2-Dichlorobenzene
Concen: 0.383 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.005 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

Tgt Ion:146 Resp: 3546
Ion Ratio Lower Upper
146 100
111 2488.2 22.0 66.0#
148 92.5 31.8 95.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 28.073 ug/l

RT: 14.700 min Scan# 2171

Delta R.T. -0.023 min

Lab File: VN078068.D

Acq: 06 Jun 2023 14:01

Instrument :

MSVOA_N

ClientSampleId :

WASTE

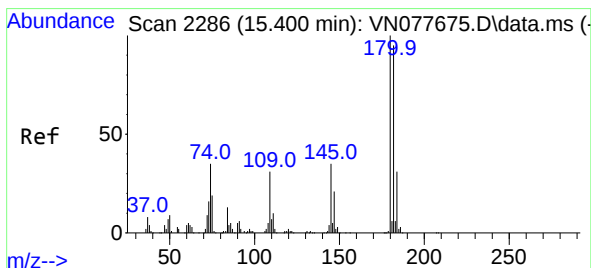
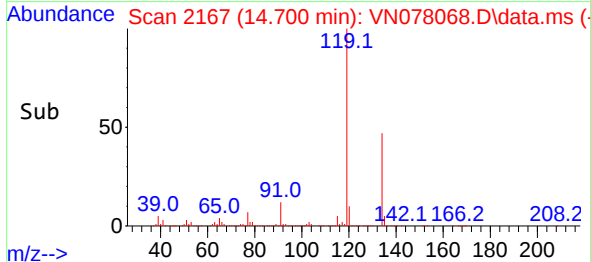
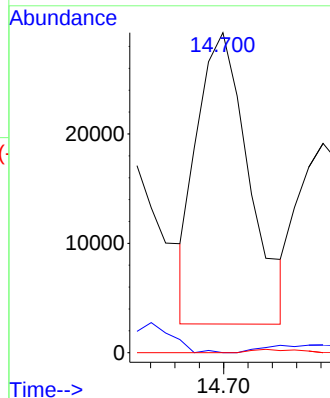
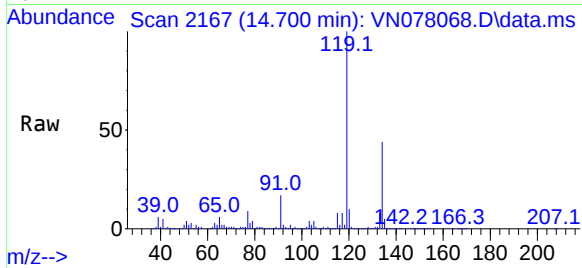
Tgt Ion: 75 Resp: 39301

Ion Ratio Lower Upper

75 100

155 0.0 39.1 117.2#

157 1.0 50.3 150.9#



#93

1,2,4-Trichlorobenzene

Concen: 1.770 ug/l

RT: 15.400 min Scan# 2286

Delta R.T. -0.000 min

Lab File: VN078068.D

Acq: 06 Jun 2023 14:01

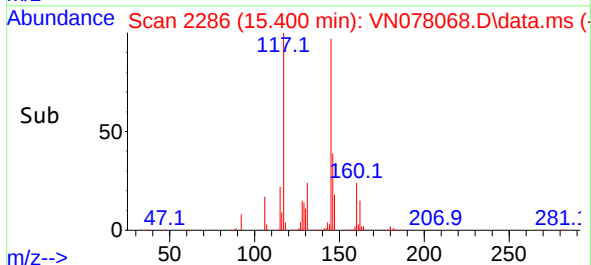
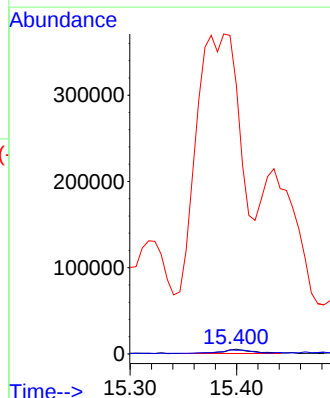
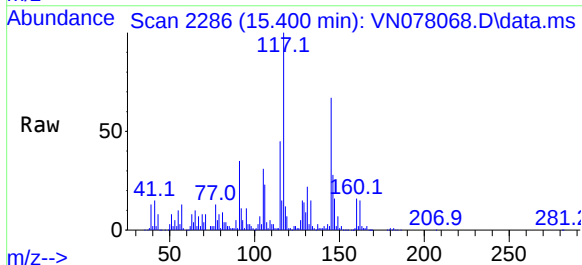
Tgt Ion:180 Resp: 9587

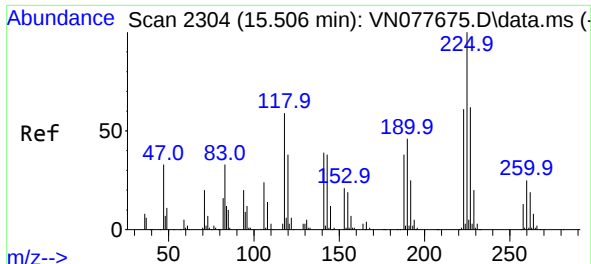
Ion Ratio Lower Upper

180 100

182 96.8 46.1 138.2

145 12169.5 16.6 49.8#

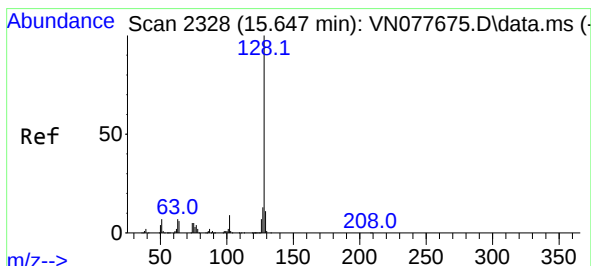
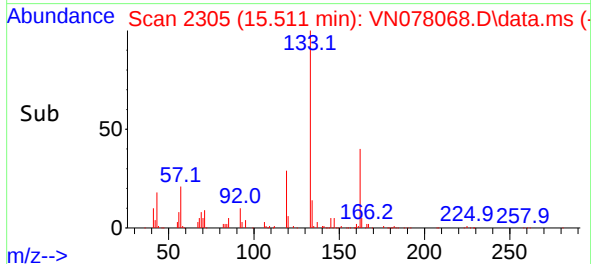
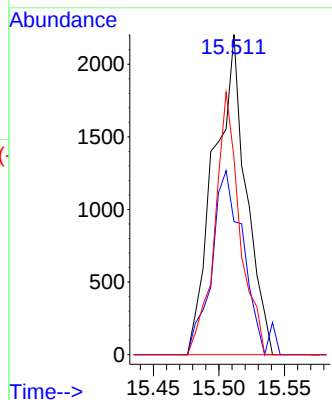
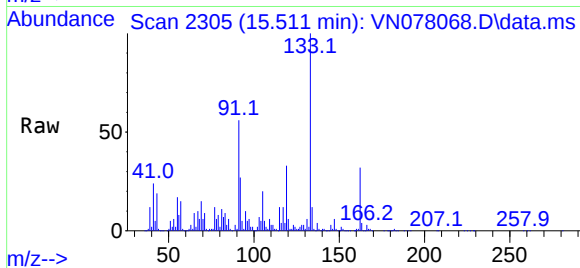




#94
Hexachlorobutadiene
Concen: 1.673 ug/l
RT: 15.511 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

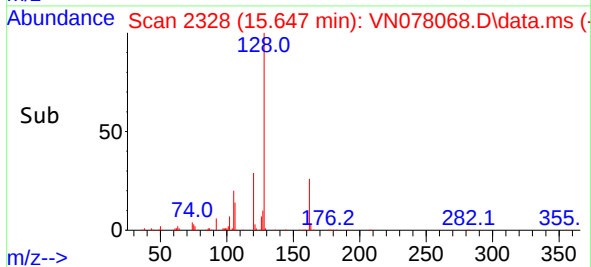
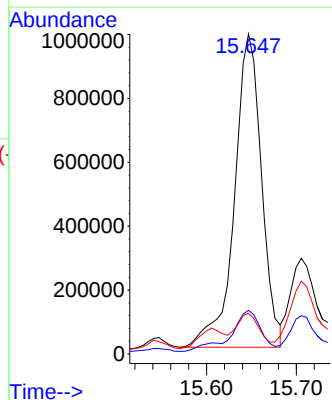
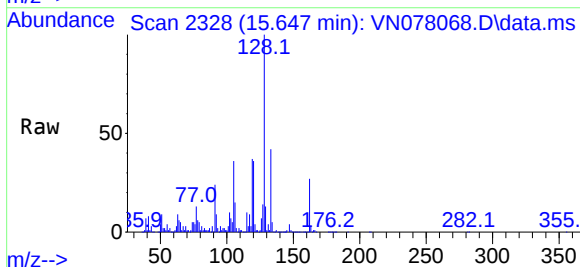
Instrument :
MSVOA_N
ClientSampleId :
WASTE

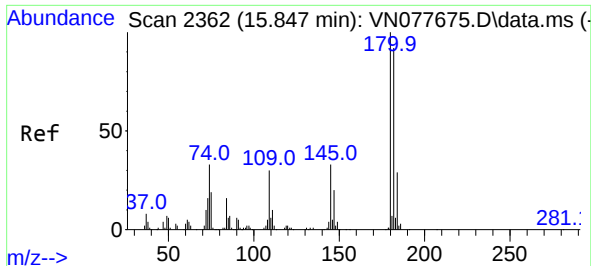
Tgt Ion:225	Resp:	3761
Ion Ratio	Lower	Upper
225	100	
223	57.3	31.3 93.8
227	63.7	31.9 95.9



#95
Naphthalene
Concen: 110.323 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078068.D
Acq: 06 Jun 2023 14:01

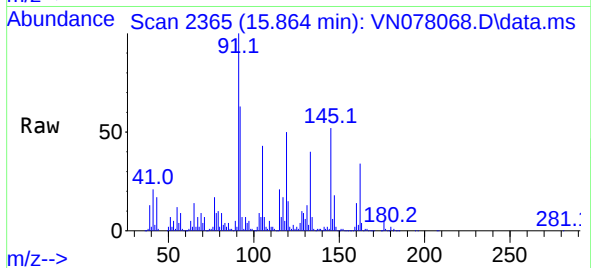
Tgt Ion:128	Resp:	2056501
Ion Ratio	Lower	Upper
128	100	
127	14.4	10.0 15.0
129	7.9	8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 4.606 ug/l
 RT: 15.864 min Scan# 21
 Delta R.T. 0.017 min
 Lab File: VN078068.D
 Acq: 06 Jun 2023 14:01

Instrument :
 MSVOA_N
 ClientSampleId :
 WASTE



Tgt Ion:180 Resp: 24422
 Ion Ratio Lower Upper
 180 100
 182 42.5 46.2 138.6#
 145 4102.1 17.5 52.6#

