

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071123\
 Data File : VN078459.D
 Acq On : 11 Jul 2023 12:31
 Operator : JC\MD
 Sample : VN0711WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0711WBL01

Quant Time: Jul 12 01:31:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	416094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	746640	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	691103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	234276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	282326	50.613	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.220%	
35) Dibromofluoromethane	8.177	113	277179	54.687	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.380%	
50) Toluene-d8	10.570	98	876879	45.797	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 91.600%	
62) 4-Bromofluorobenzene	12.853	95	300969	51.032	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.060%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	72	0.014	ug/l #	43
4) Vinyl Chloride	2.524	62	590	0.082	ug/l #	88
7) Trichlorofluoromethane	3.506	101	166	0.019	ug/l #	19
12) 1,1-Dichloroethene	4.371	96	165	0.038	ug/l #	1
14) Allyl chloride	5.036	41	172	0.029	ug/l #	40
19) Methyl tert-butyl Ether	5.806	73	70	0.005	ug/l #	57
22) Diisopropyl ether	6.683	45	96	0.007	ug/l #	33
23) Vinyl Acetate	6.624	43	1566	0.183	ug/l #	62
26) 2,2-Dichloropropane	7.482	77	56	0.008	ug/l #	53
27) cis-1,2-Dichloroethene	7.488	96	401	0.070	ug/l #	45
28) Bromochloromethane	7.847	49	53	0.012	ug/l #	5
30) Chloroform	7.971	83	361	0.038	ug/l #	15
32) 1,1,1-Trichloroethane	8.229	97	354	0.042	ug/l #	1
37) Ethyl Acetate	7.559	43	512	0.084	ug/l #	63
40) Benzene	8.624	78	1412	0.065	ug/l #	87
41) Methacrylonitrile	7.777	41	83	0.027	ug/l #	1
42) 1,2-Dichloroethane	8.671	62	1170	0.159	ug/l #	73
43) Isopropyl Acetate	8.706	43	137	0.014	ug/l #	49
44) Trichloroethene	9.365	130	852	0.146	ug/l	32
45) 1,2-Dichloropropane	9.635	63	331	0.060	ug/l #	45
46) Dibromomethane	9.706	93	573	0.148	ug/l #	80
47) Bromodichloromethane	9.900	83	477	0.062	ug/l #	26
48) Methyl methacrylate	9.700	41	444	0.095	ug/l #	56
52) Toluene	10.641	92	1337	0.099	ug/l #	46
53) t-1,3-Dichloropropene	10.835	75	904	0.114	ug/l #	43
54) cis-1,3-Dichloropropene	10.323	75	730	0.086	ug/l #	71
55) 1,1,2-Trichloroethane	11.018	97	305	0.058	ug/l #	54
56) Ethyl methacrylate	10.888	69	409	0.055	ug/l #	39
57) 1,3-Dichloropropane	11.176	76	916	0.102	ug/l #	88
58) 2-Chloroethyl Vinyl ether	10.182	63	314	0.119	ug/l #	42
60) Dibromochloromethane	11.365	129	641	0.110	ug/l	84
61) 1,2-Dibromoethane	11.470	107	552	0.101	ug/l	84
64) Tetrachloroethene	11.106	164	938	0.181	ug/l #	58
65) Chlorobenzene	11.900	112	2799	0.181	ug/l #	78
66) 1,1,1,2-Tetrachloroethane	11.970	131	328	0.055	ug/l #	19
67) Ethyl Benzene	11.970	91	3257	0.125	ug/l #	63

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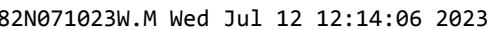
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBL01

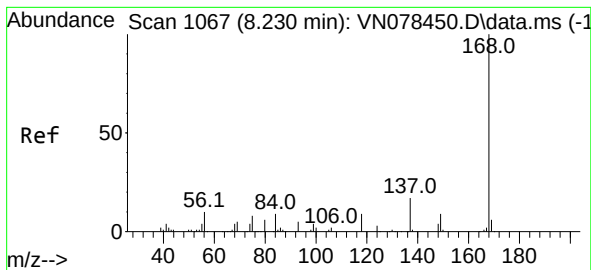
Quant Time: Jul 12 01:31:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) o-Xylene	12.406	106	1162	0.119	ug/l	87
70) Styrene	12.417	104	2709	0.178	ug/l #	88
71) Bromoform	12.588	173	611	0.152	ug/l #	28
73) Isopropylbenzene	12.706	105	2827	0.128	ug/l	92
79) 2-Chlorotoluene	13.135	91	2829	0.183	ug/l	91
80) 1,3,5-Trimethylbenzene	13.182	105	3222	0.185	ug/l	96

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

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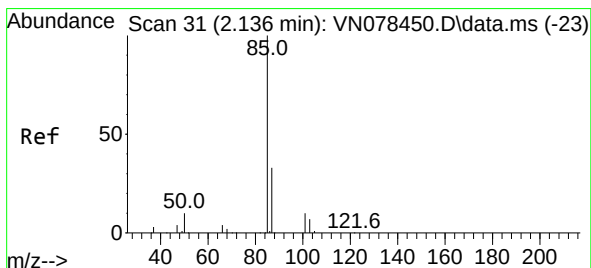
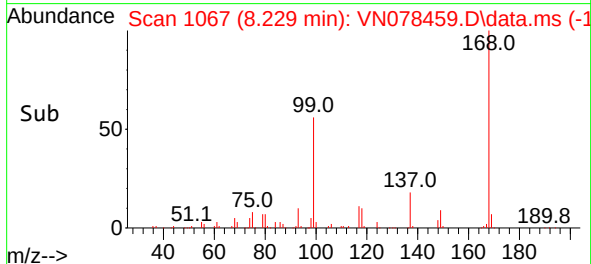
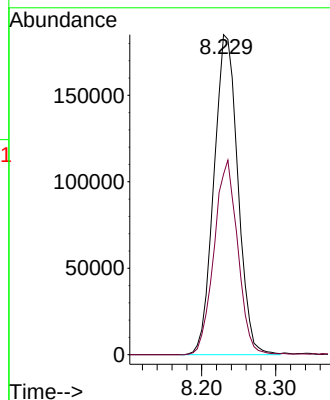
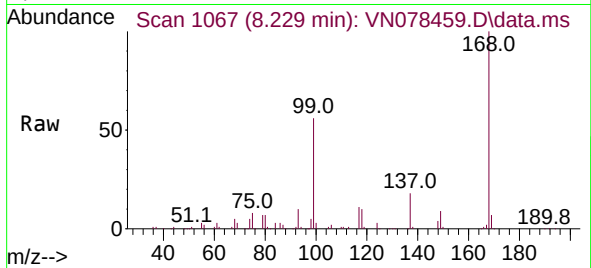




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN078459.D
Acq: 11 Jul 2023 12:31

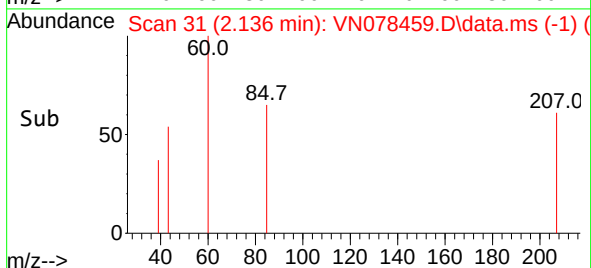
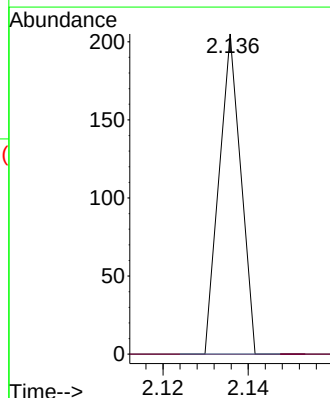
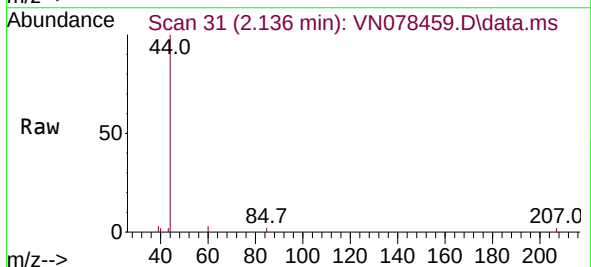
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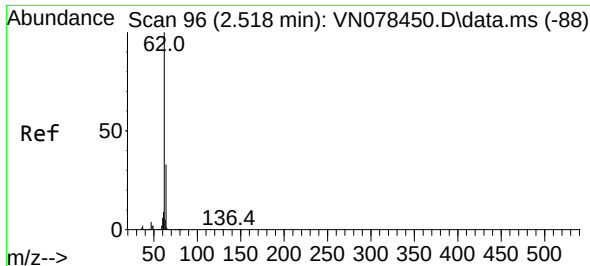
Tgt Ion:168 Resp: 416094
Ion Ratio Lower Upper
168 100
99 56.4 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 0.014 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078459.D
Acq: 11 Jul 2023 12:31

Tgt Ion: 85 Resp: 72
Ion Ratio Lower Upper
85 100
87 0.0 15.8 47.4#

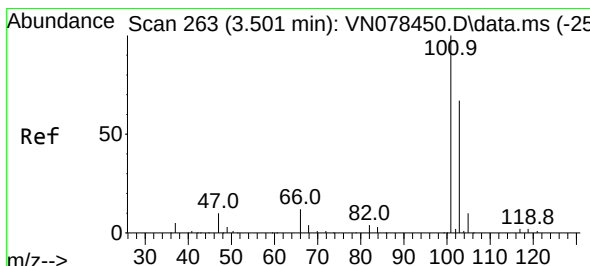
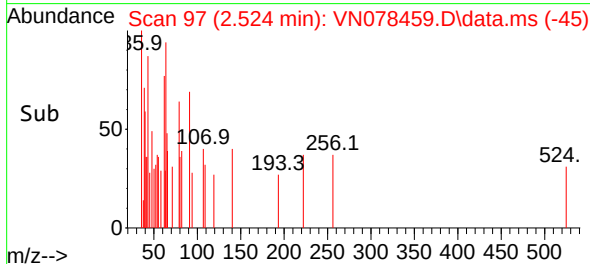
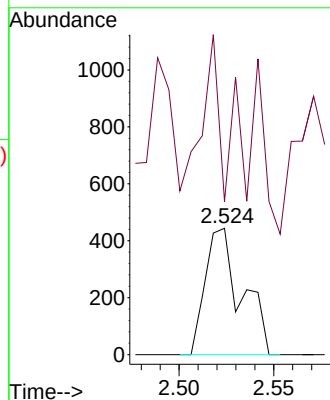
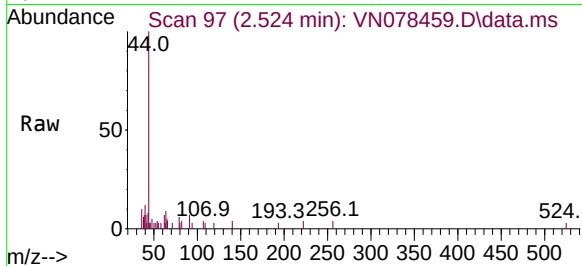




#4
 Vinyl Chloride
 Concen: 0.082 ug/l
 RT: 2.524 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN078459.D
 Acq: 11 Jul 2023 12:31

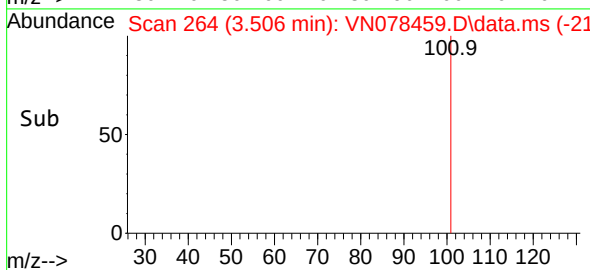
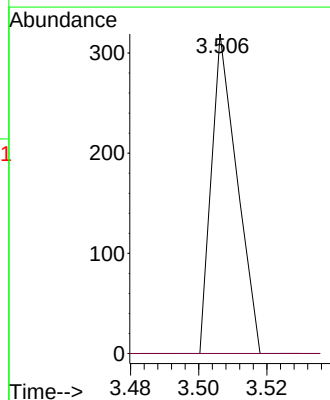
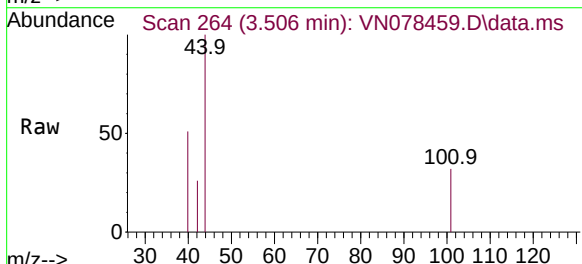
Instrument :
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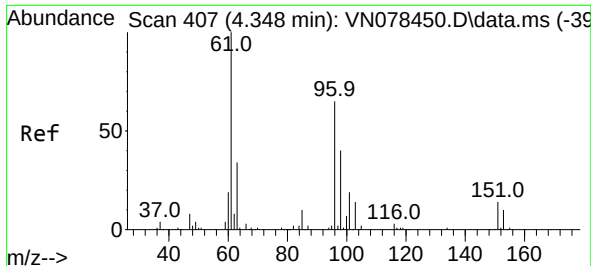
Tgt Ion: 62 Resp: 590
 Ion Ratio Lower Upper
 62 100
 64 25.7 26.2 39.2#



#7
 Trichlorofluoromethane
 Concen: 0.019 ug/l
 RT: 3.506 min Scan# 264
 Delta R.T. 0.005 min
 Lab File: VN078459.D
 Acq: 11 Jul 2023 12:31

Tgt Ion: 101 Resp: 166
 Ion Ratio Lower Upper
 101 100
 103 0.0 50.7 76.1#





#12

1,1-Dichloroethene

Concen: 0.038 ug/l

RT: 4.371 min Scan# 411

Delta R.T. 0.023 min

Lab File: VN078459.D

Acq: 11 Jul 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN0711WBL01

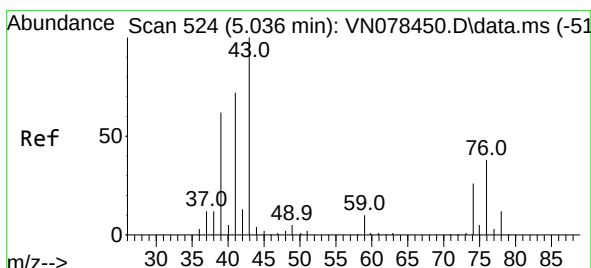
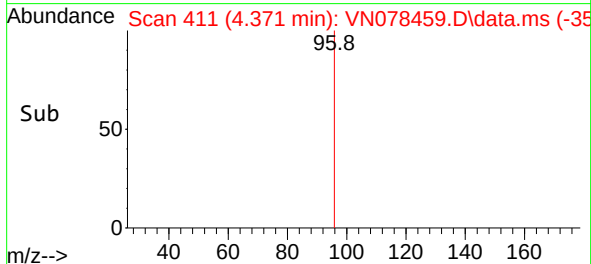
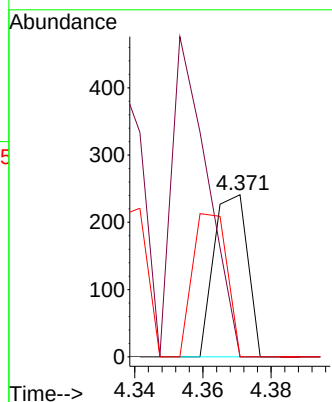
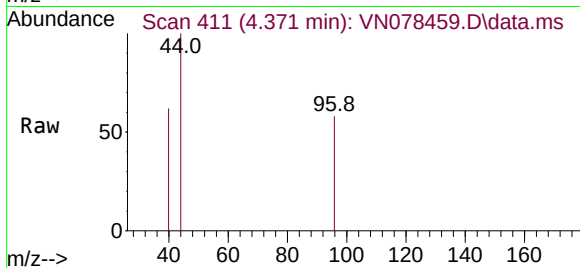
Tgt Ion: 96 Resp: 165

Ion Ratio Lower Upper

96 100

61 0.0 112.7 169.1#

98 0.0 51.2 76.8#



#14

Allyl chloride

Concen: 0.029 ug/l

RT: 5.036 min Scan# 524

Delta R.T. -0.000 min

Lab File: VN078459.D

Acq: 11 Jul 2023 12:31

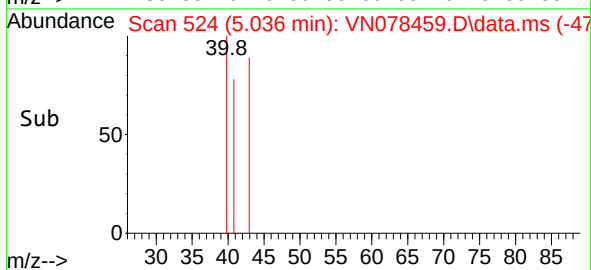
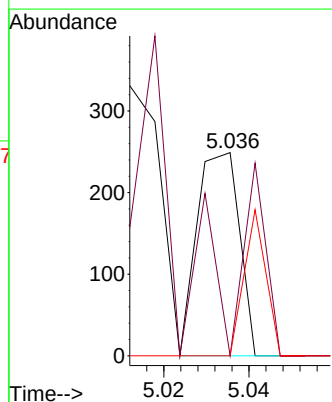
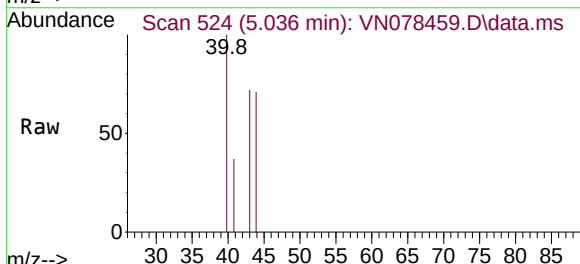
Tgt Ion: 41 Resp: 172

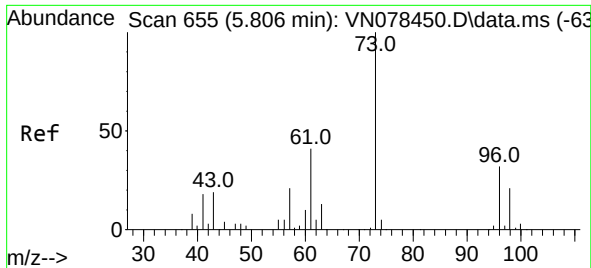
Ion Ratio Lower Upper

41 100

39 0.0 58.8 88.2#

76 36.6 39.1 58.7#

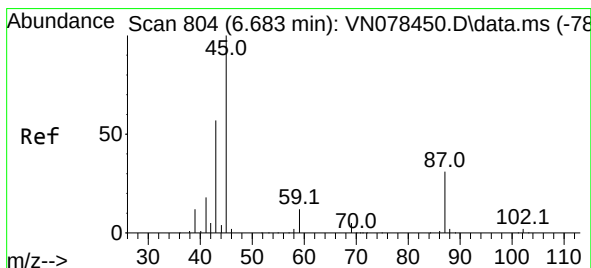
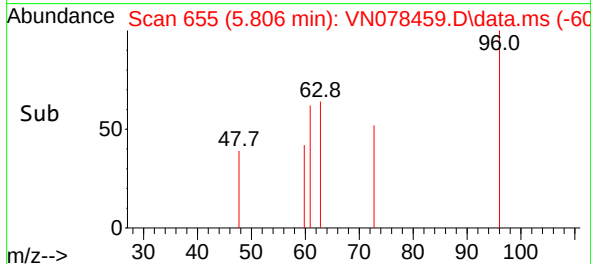
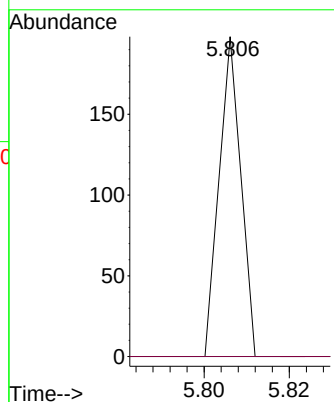
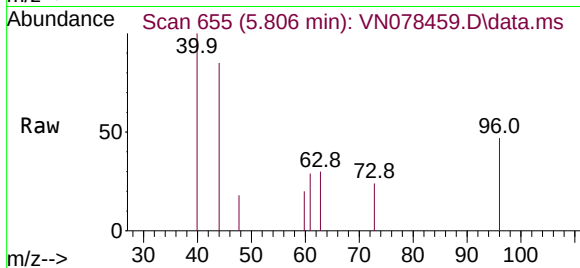




#19
Methyl tert-butyl Ether
Concen: 0.005 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078459.D
Acq: 11 Jul 2023 12:31

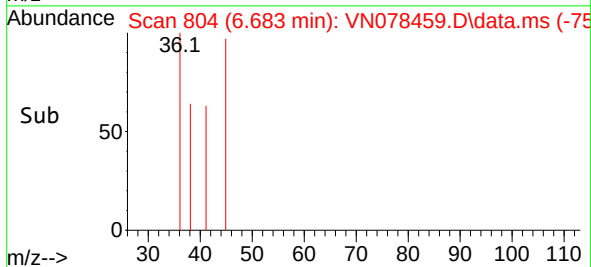
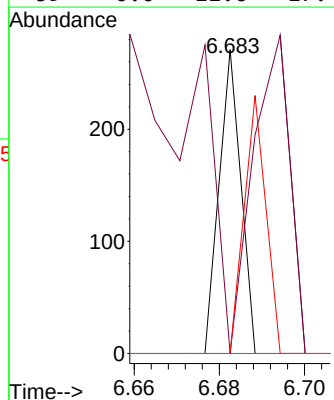
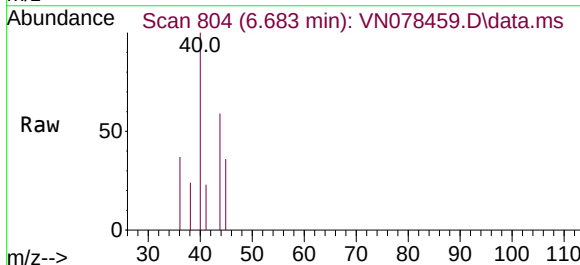
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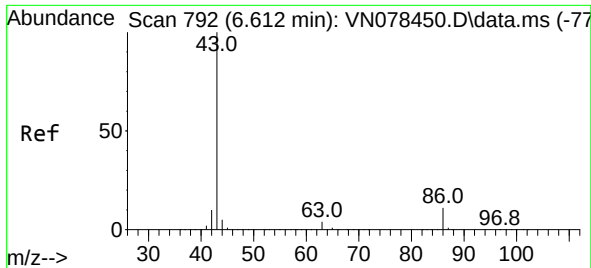
Tgt Ion: 73 Resp: 70
Ion Ratio Lower Upper
73 100
57 0.0 15.6 23.4#



#22
Diisopropyl ether
Concen: 0.007 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078459.D
Acq: 11 Jul 2023 12:31

Tgt Ion: 45 Resp: 96
Ion Ratio Lower Upper
45 100
43 0.0 45.5 68.3#
87 0.0 31.8 47.8#
59 0.0 11.6 17.4#

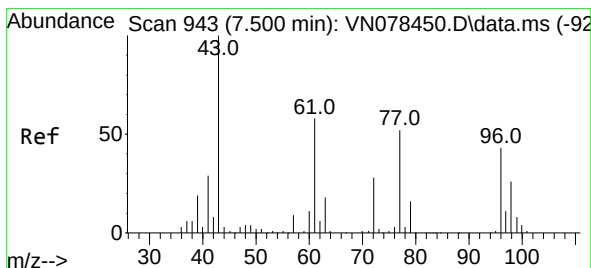
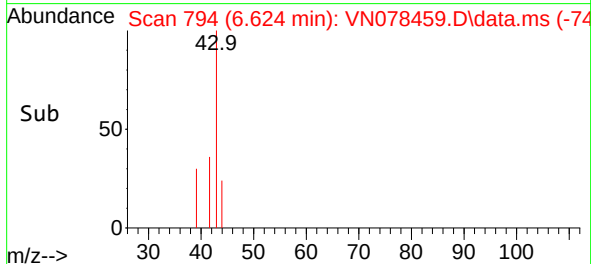
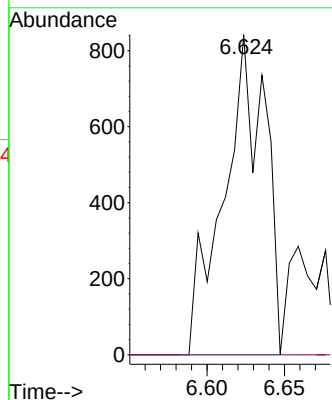
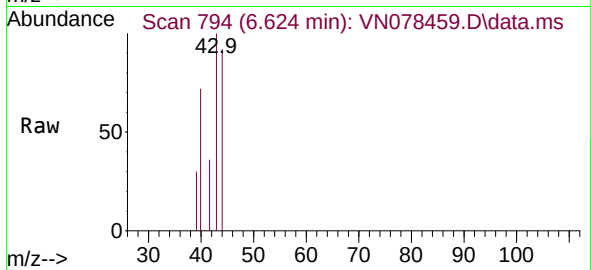




#23
 Vinyl Acetate
 Concen: 0.183 ug/l
 RT: 6.624 min Scan# 794
 Delta R.T. 0.012 min
 Lab File: VN078459.D
 Acq: 11 Jul 2023 12:31

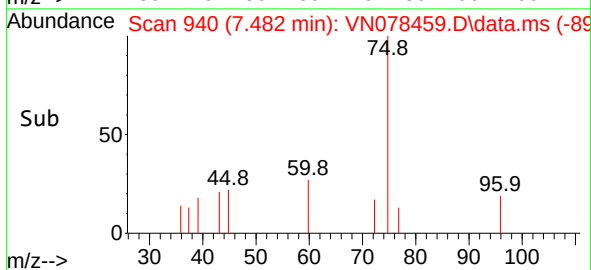
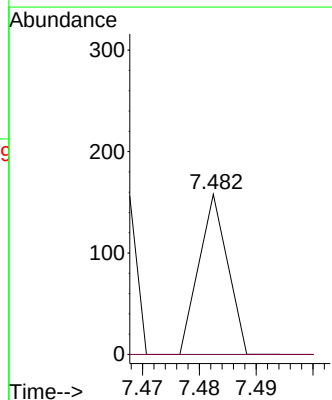
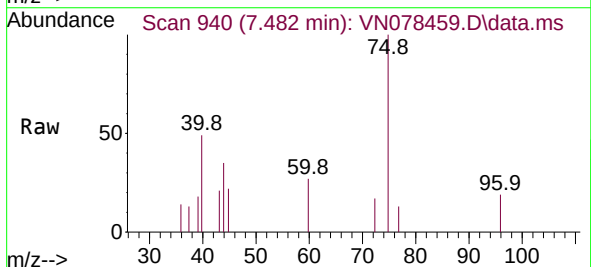
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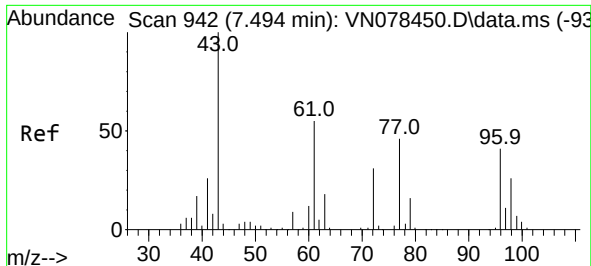
Tgt Ion: 43 Resp: 1566
 Ion Ratio Lower Upper
 43 100
 86 0.0 13.0 19.6#



#26
 2,2-Dichloropropane
 Concen: 0.008 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.018 min
 Lab File: VN078459.D
 Acq: 11 Jul 2023 12:31

Tgt Ion: 77 Resp: 56
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.2 33.6#





#27

cis-1,2-Dichloroethene

Concen: 0.070 ug/l

RT: 7.488 min Scan# 94

Delta R.T. -0.006 min

Lab File: VN078459.D

Acq: 11 Jul 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN0711WBL01

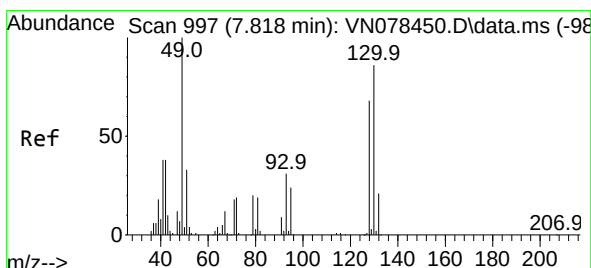
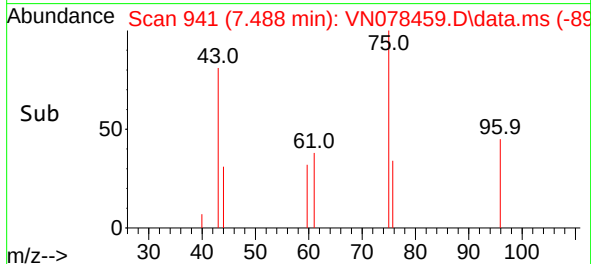
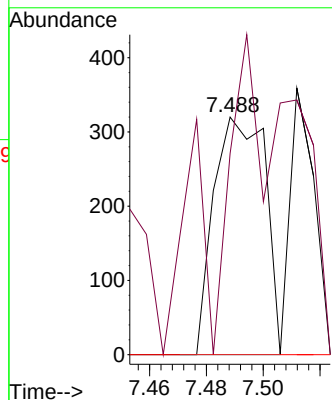
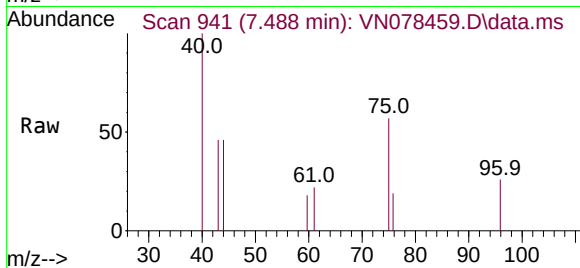
Tgt Ion: 96 Resp: 401

Ion Ratio Lower Upper

96 100

61 80.0 0.0 255.2

98 0.0 0.0 128.8



#28

Bromochloromethane

Concen: 0.012 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.029 min

Lab File: VN078459.D

Acq: 11 Jul 2023 12:31

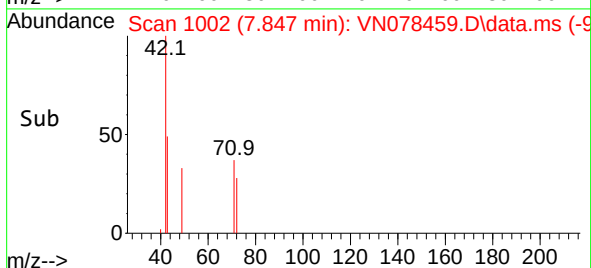
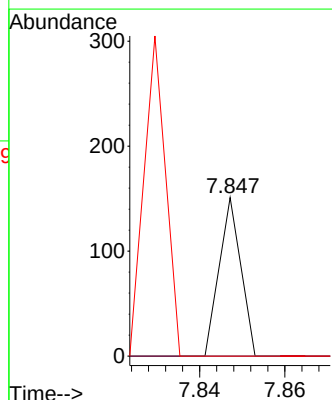
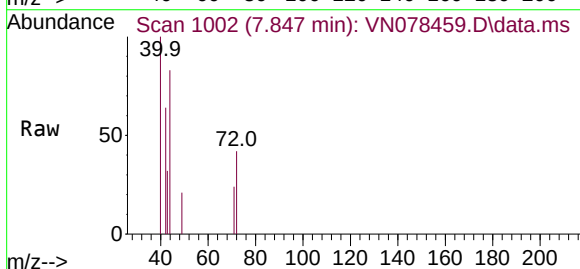
Tgt Ion: 49 Resp: 53

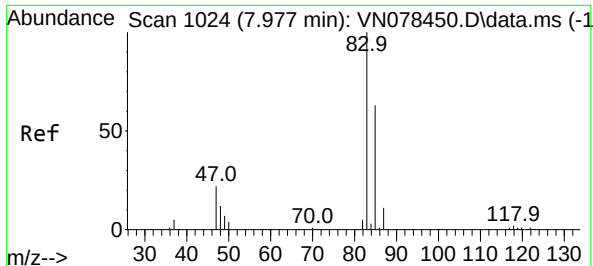
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.8

130 0.0 75.3 112.9#





#30

Chloroform

Concen: 0.038 ug/l

RT: 7.971 min Scan# 1067

Delta R.T. -0.006 min

Lab File: VN078459.D

Acq: 11 Jul 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

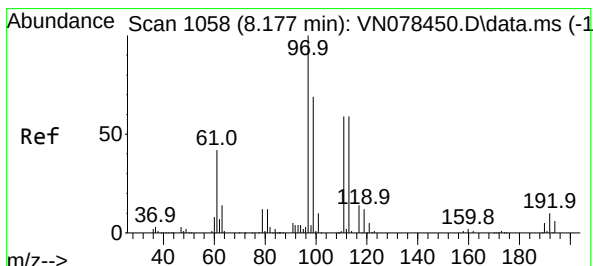
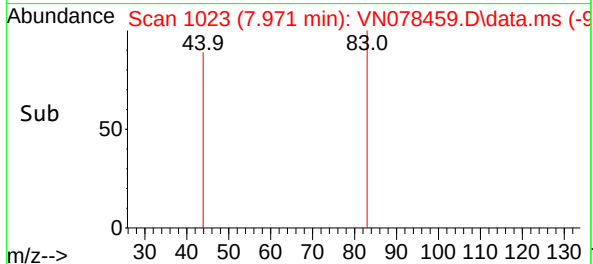
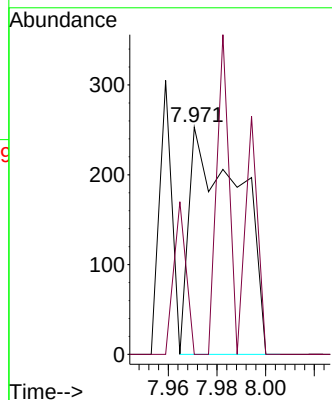
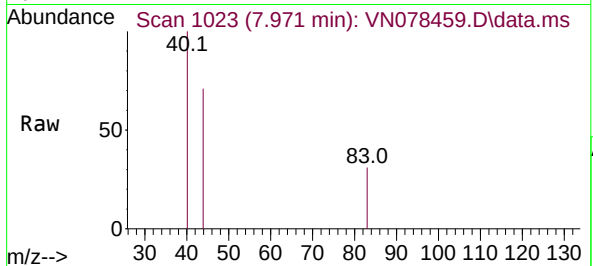
VN0711WBL01

Tgt Ion: 83 Resp: 361

Ion Ratio Lower Upper

83 100

85 0.0 55.4 83.0#



#32

1,1,1-Trichloroethane

Concen: 0.042 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. 0.052 min

Lab File: VN078459.D

Acq: 11 Jul 2023 12:31

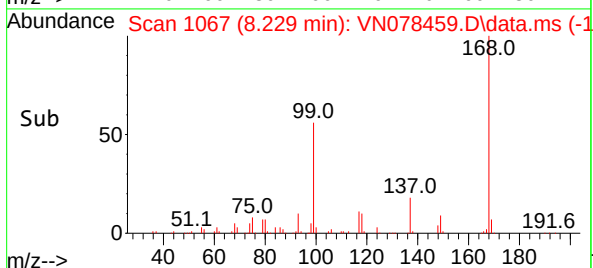
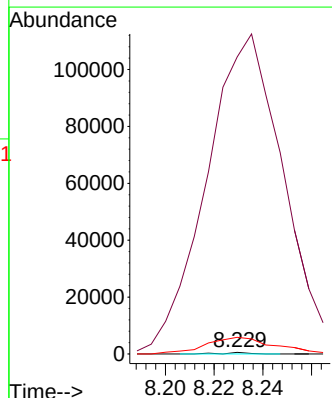
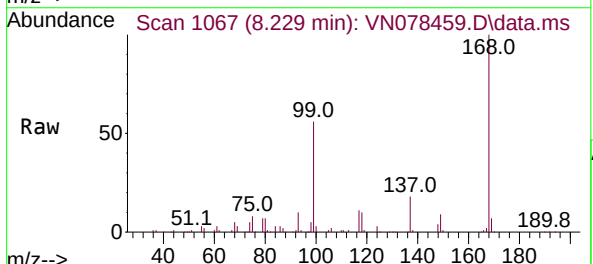
Tgt Ion: 97 Resp: 354

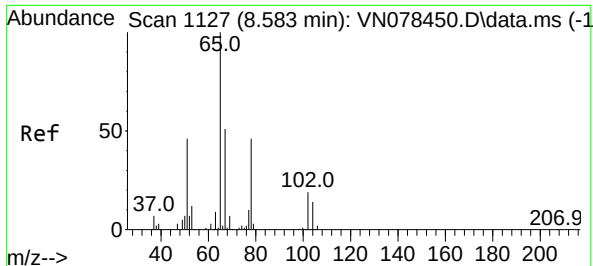
Ion Ratio Lower Upper

97 100

99 70670.6 50.3 75.5#

61 3324.3 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 50.613 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN078459.D

Acq: 11 Jul 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

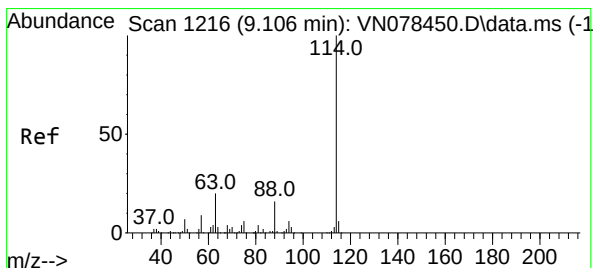
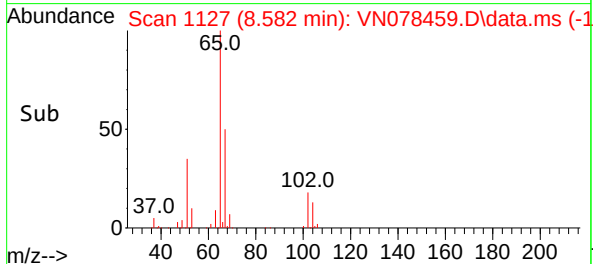
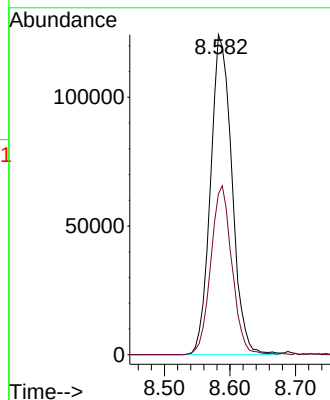
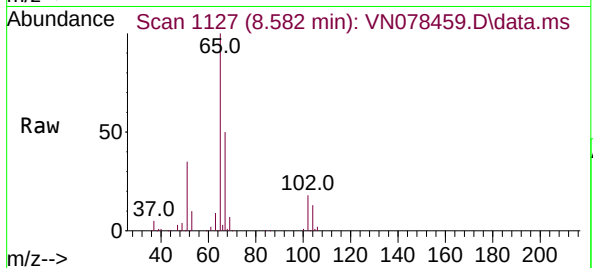
VN0711WBL01

Tgt Ion: 65 Resp: 282326

Ion Ratio Lower Upper

65 100

67 52.1 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078459.D

Acq: 11 Jul 2023 12:31

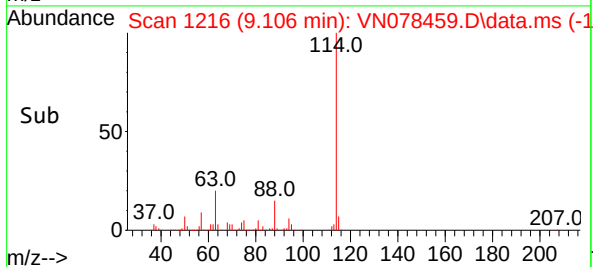
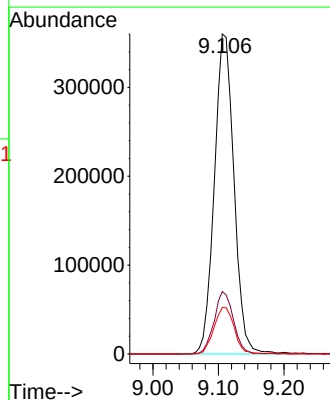
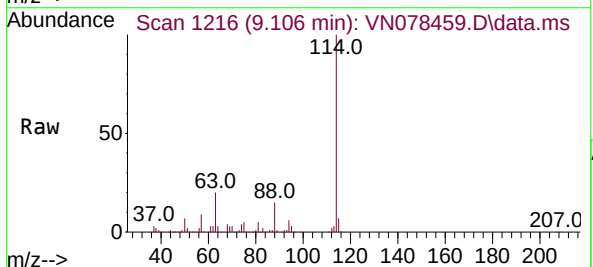
Tgt Ion: 114 Resp: 746640

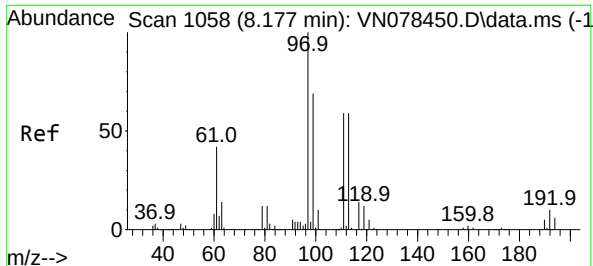
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.4

88 14.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.687 ug/l

RT: 8.177 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078459.D

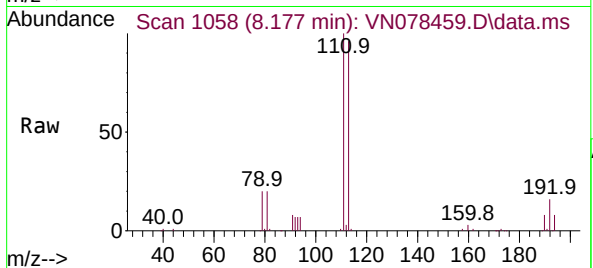
Acq: 11 Jul 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN0711WBL01



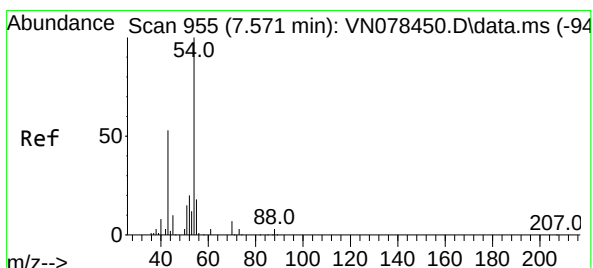
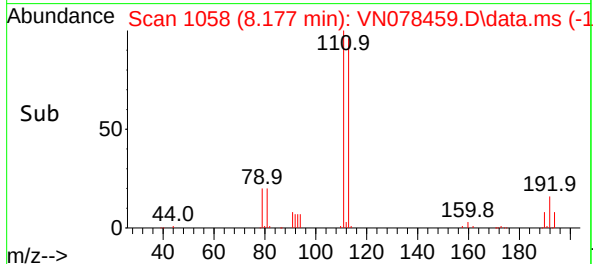
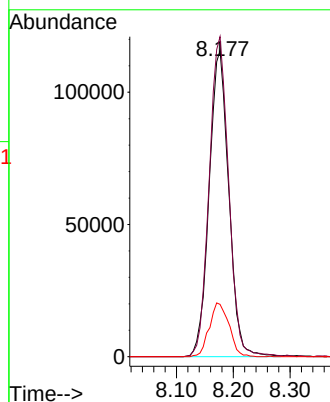
Tgt Ion:113 Resp: 277179

Ion Ratio Lower Upper

113 100

111 104.0 82.6 123.8

192 17.7 12.7 19.1



#37

Ethyl Acetate

Concen: 0.084 ug/l

RT: 7.559 min Scan# 953

Delta R.T. -0.012 min

Lab File: VN078459.D

Acq: 11 Jul 2023 12:31

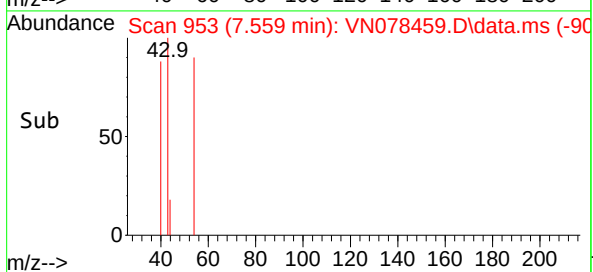
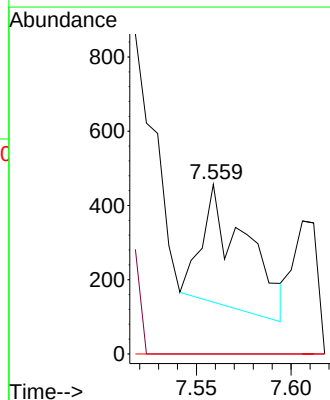
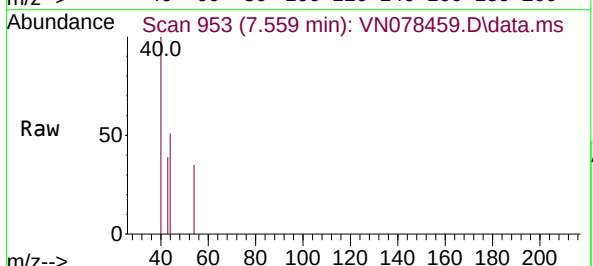
Tgt Ion: 43 Resp: 512

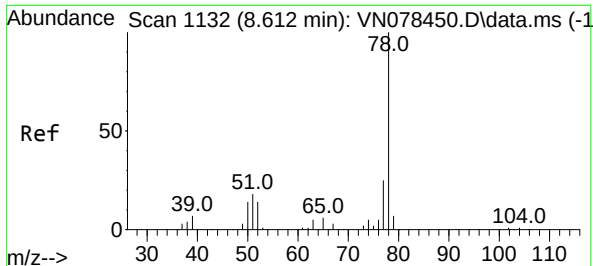
Ion Ratio Lower Upper

43 100

61 0.0 13.2 19.8#

70 0.0 11.3 16.9#

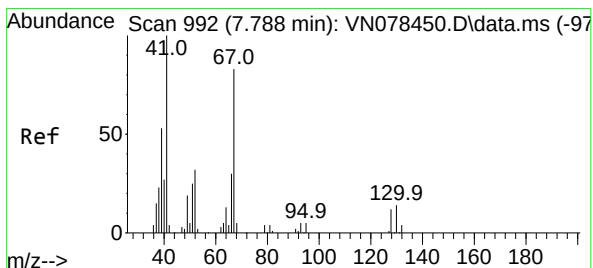
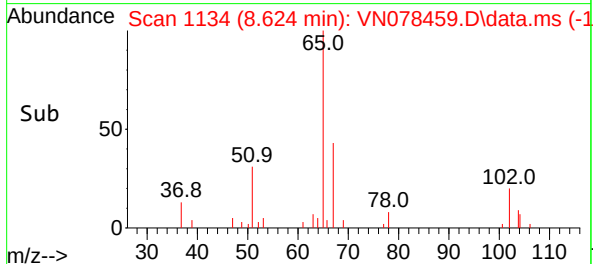
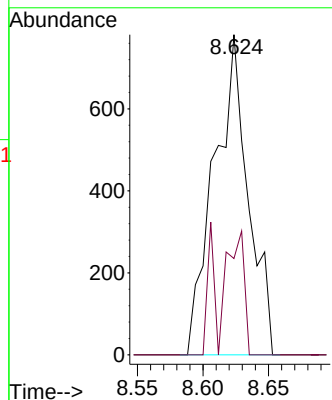
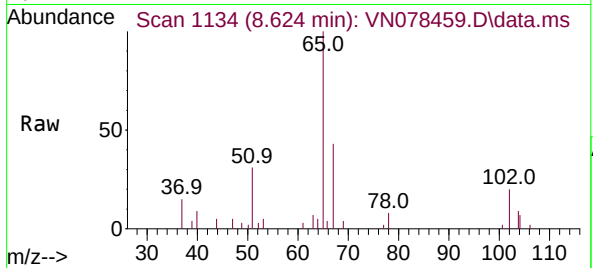




#40
Benzene
Concen: 0.065 ug/l
RT: 8.624 min Scan# 1132
Delta R.T. 0.012 min
Lab File: VN078459.D
Acq: 11 Jul 2023 12:31

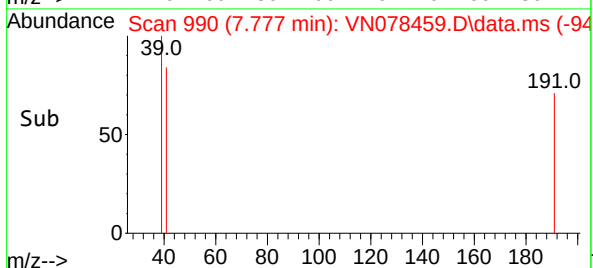
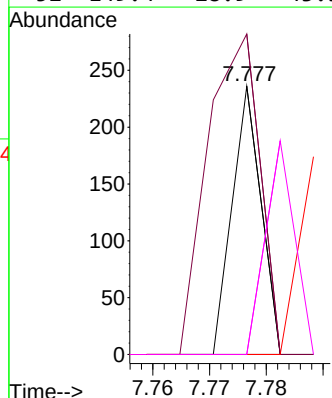
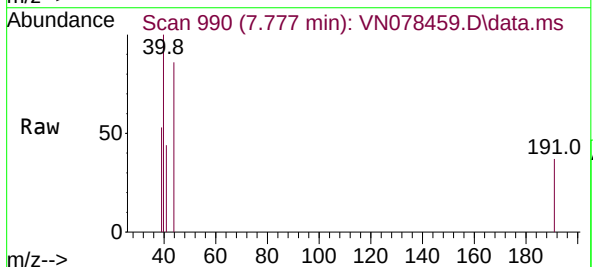
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBL01

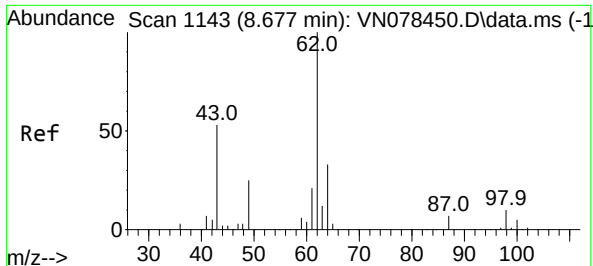
Tgt Ion: 78 Resp: 1412
Ion Ratio Lower Upper
78 100
77 30.1 19.0 28.6#



#41
Methacrylonitrile
Concen: 0.027 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.011 min
Lab File: VN078459.D
Acq: 11 Jul 2023 12:31

Tgt Ion: 41 Resp: 83
Ion Ratio Lower Upper
41 100
39 215.7 42.6 64.0#
67 0.0 77.5 116.3#
52 149.4 28.9 43.3#





#42

1,2-Dichloroethane

Concen: 0.159 ug/l

RT: 8.671 min Scan# 1143

Delta R.T. -0.006 min

Lab File: VN078459.D

Acq: 11 Jul 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

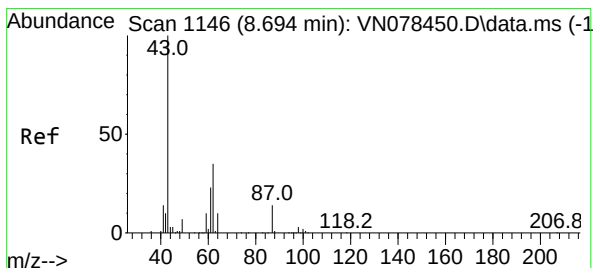
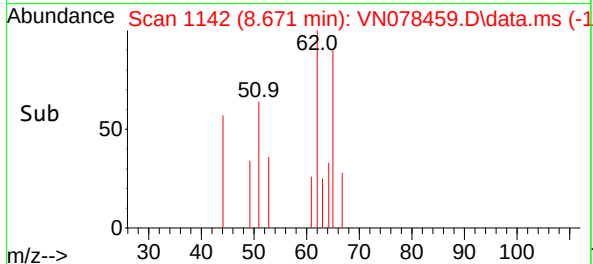
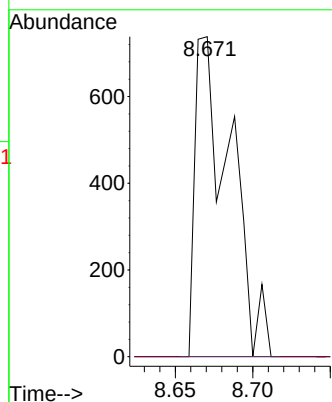
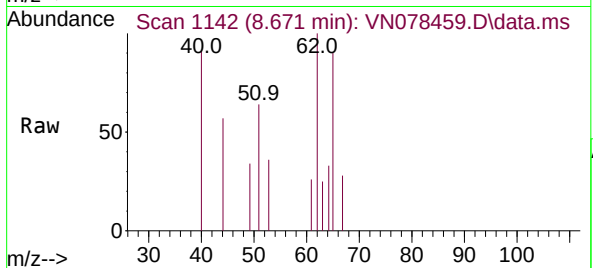
VN0711WBL01

Tgt Ion: 62 Resp: 1170

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8



#43

Isopropyl Acetate

Concen: 0.014 ug/l

RT: 8.706 min Scan# 1148

Delta R.T. 0.012 min

Lab File: VN078459.D

Acq: 11 Jul 2023 12:31

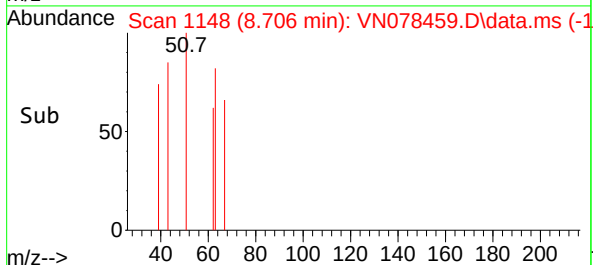
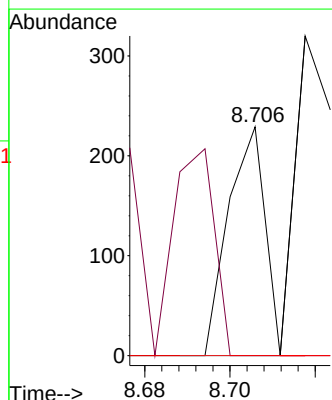
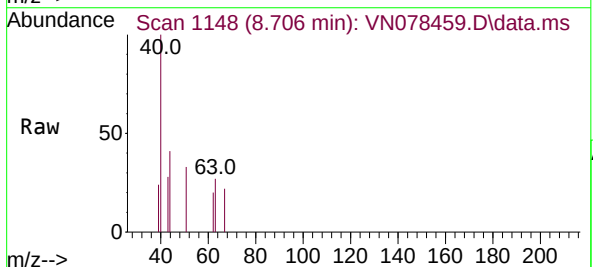
Tgt Ion: 43 Resp: 137

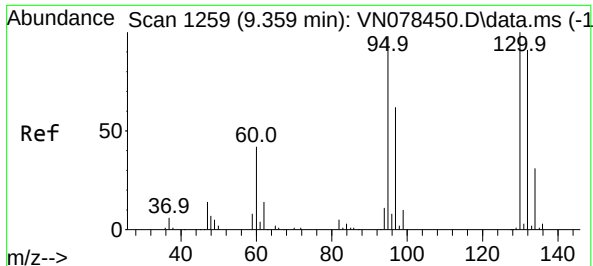
Ion Ratio Lower Upper

43 100

61 0.0 24.7 37.1#

87 0.0 14.6 21.8#

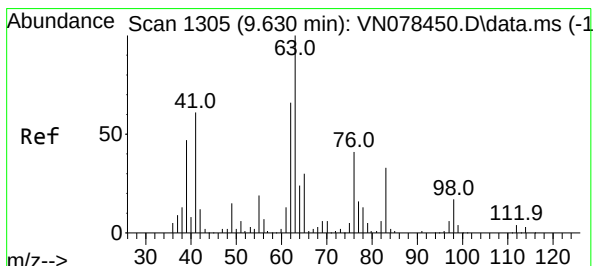
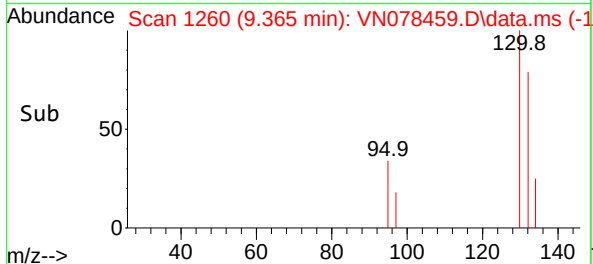
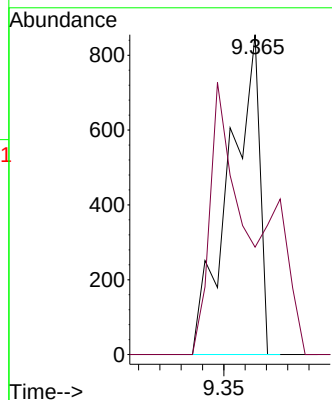
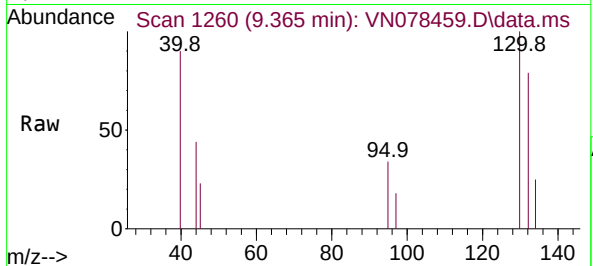




#44
Trichloroethene
Concen: 0.146 ug/l
RT: 9.365 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078459.D
Acq: 11 Jul 2023 12:31

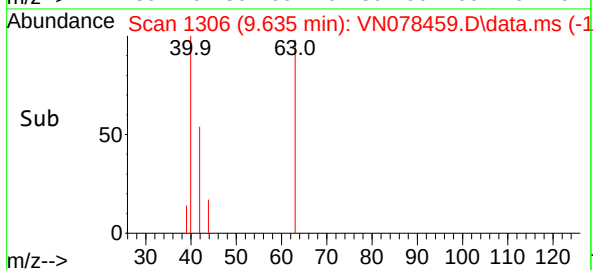
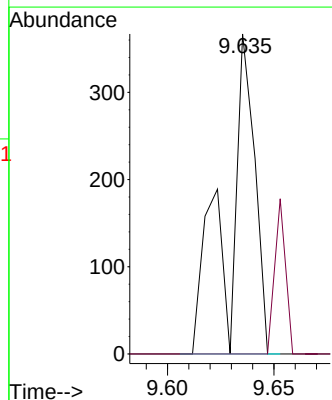
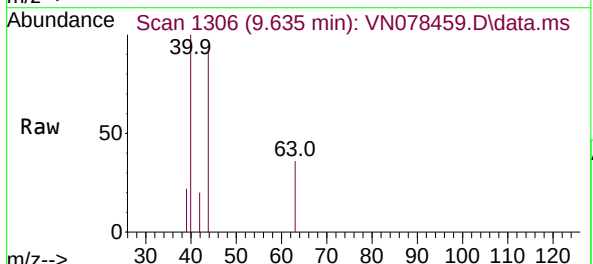
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBL01

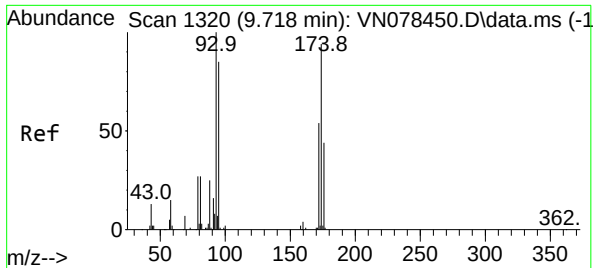
Tgt Ion:130 Resp: 852
Ion Ratio Lower Upper
130 100
95 33.6 0.0 204.6



#45
1,2-Dichloropropane
Concen: 0.060 ug/l
RT: 9.635 min Scan# 1306
Delta R.T. 0.005 min
Lab File: VN078459.D
Acq: 11 Jul 2023 12:31

Tgt Ion: 63 Resp: 331
Ion Ratio Lower Upper
63 100
65 0.0 23.9 35.9#

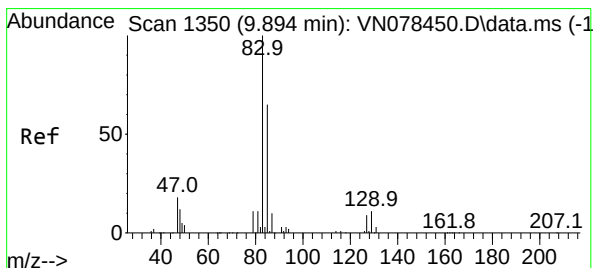
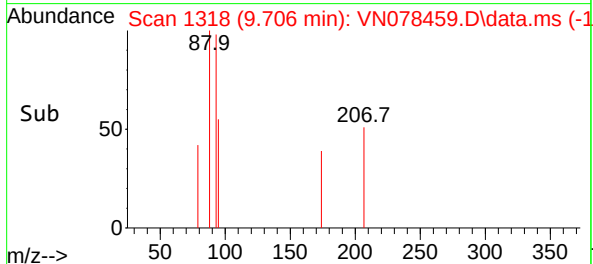
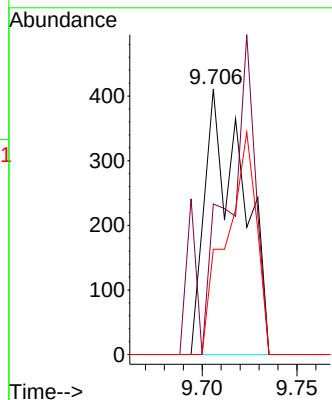
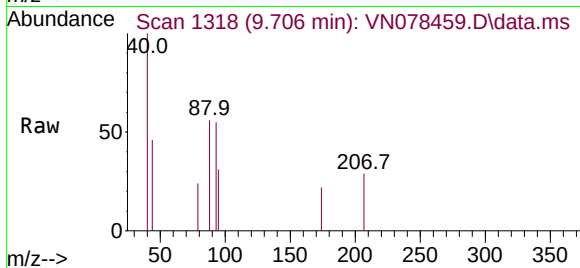




#46
Dibromomethane
Concen: 0.148 ug/l
RT: 9.706 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN078459.D
Acq: 11 Jul 2023 12:31

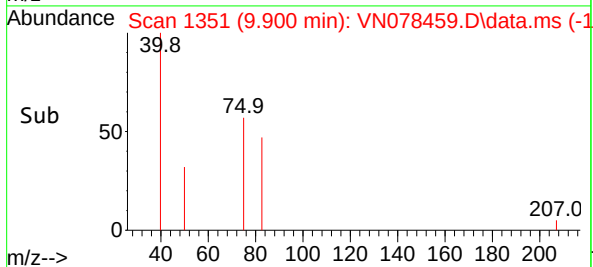
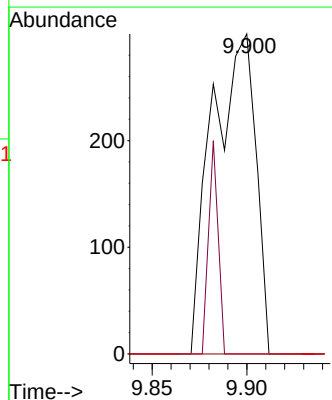
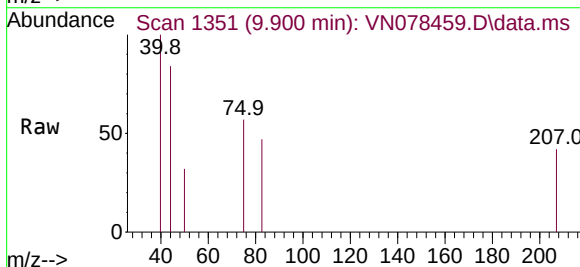
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBL01

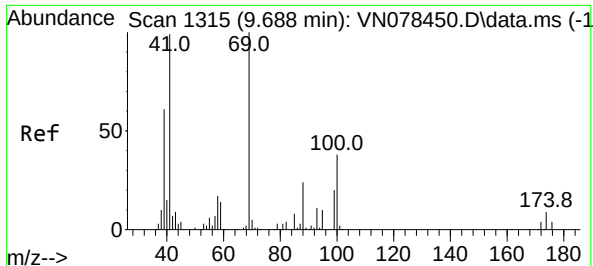
Tgt Ion: 93 Resp: 573
Ion Ratio Lower Upper
93 100
95 100.2 63.8 95.8#
174 67.0 65.6 98.4



#47
Bromodichloromethane
Concen: 0.062 ug/l
RT: 9.900 min Scan# 1351
Delta R.T. 0.006 min
Lab File: VN078459.D
Acq: 11 Jul 2023 12:31

Tgt Ion: 83 Resp: 477
Ion Ratio Lower Upper
83 100
85 0.0 49.6 74.4#
127 0.0 7.0 10.6#

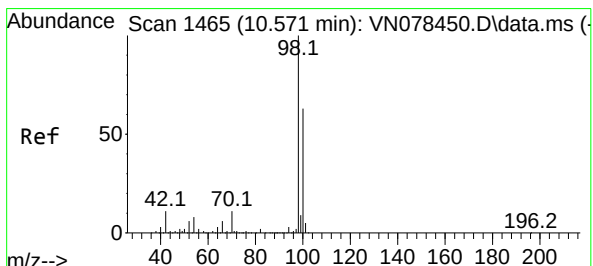
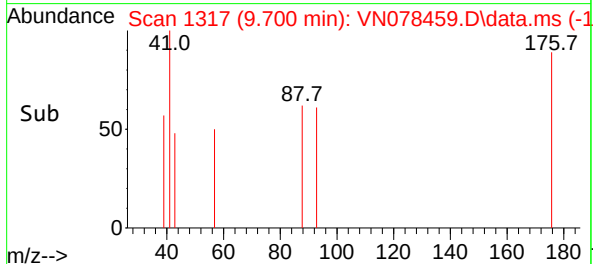
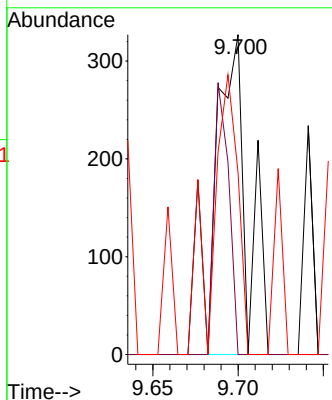
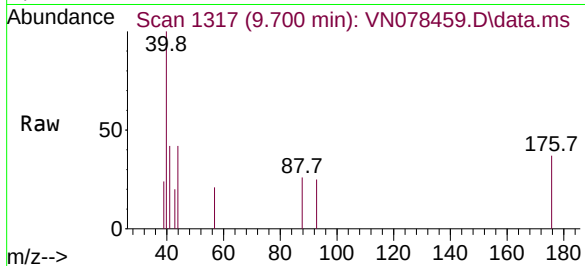




#48
Methyl methacrylate
Concen: 0.095 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN078459.D
Acq: 11 Jul 2023 12:31

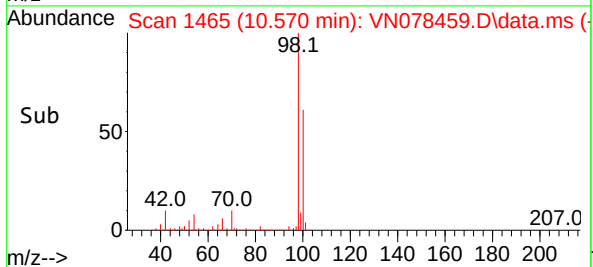
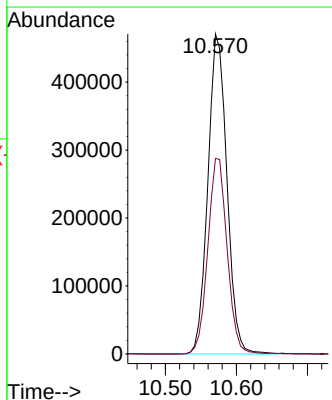
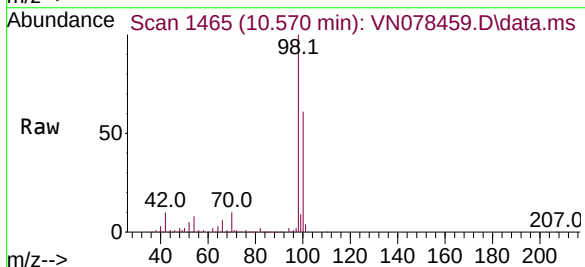
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBL01

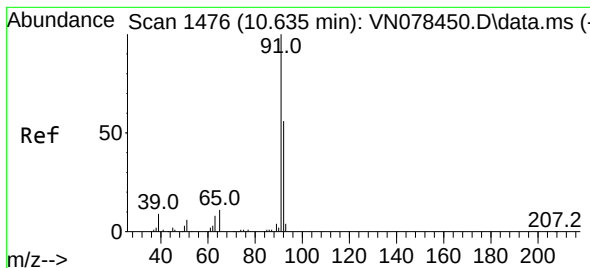
Tgt Ion: 41 Resp: 444
Ion Ratio Lower Upper
41 100
69 37.8 90.4 135.6#
39 68.2 54.6 81.8



#50
Toluene-d8
Concen: 45.797 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN078459.D
Acq: 11 Jul 2023 12:31

Tgt Ion: 98 Resp: 876879
Ion Ratio Lower Upper
98 100
100 62.0 52.0 78.0





#52

Toluene

Concen: 0.099 ug/l

RT: 10.641 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VN078459.D

Acq: 11 Jul 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

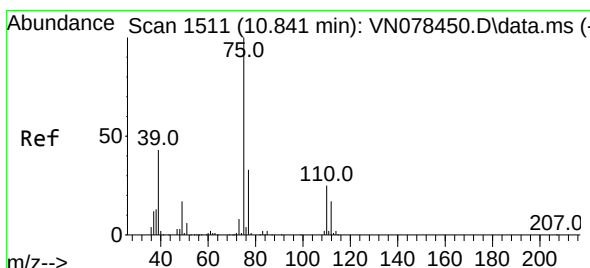
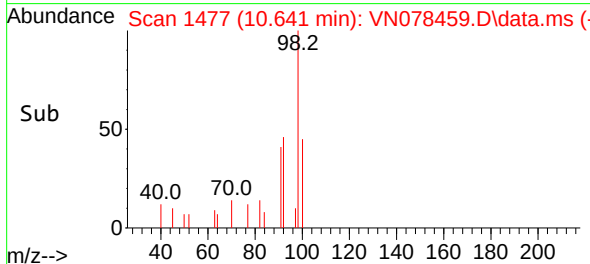
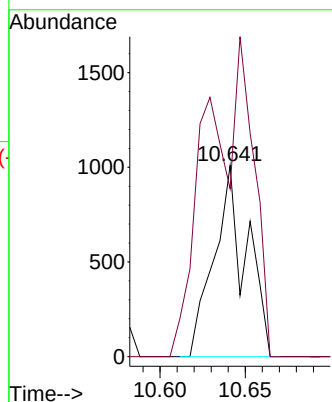
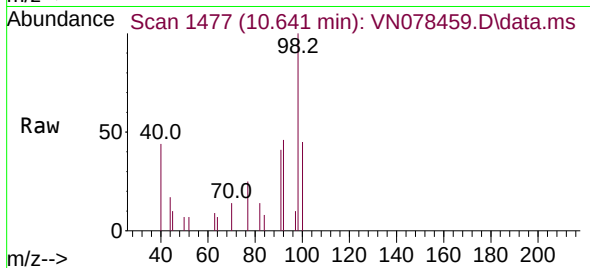
VN0711WBL01

Tgt Ion: 92 Resp: 1337

Ion Ratio Lower Upper

92 100

91 97.4 137.4 206.0#



#53

t-1,3-Dichloropropene

Concen: 0.114 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. -0.006 min

Lab File: VN078459.D

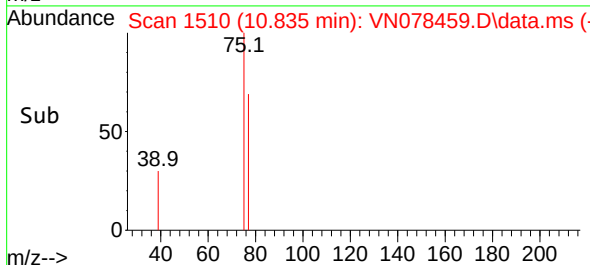
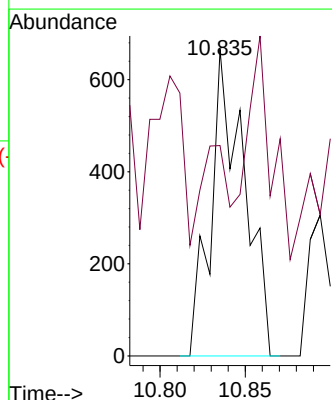
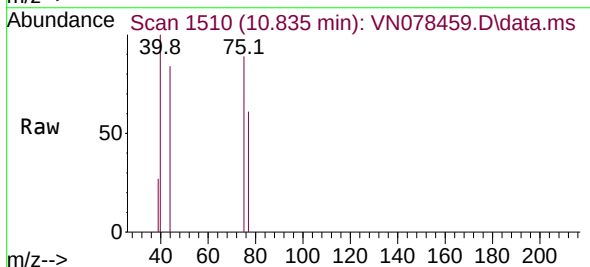
Acq: 11 Jul 2023 12:31

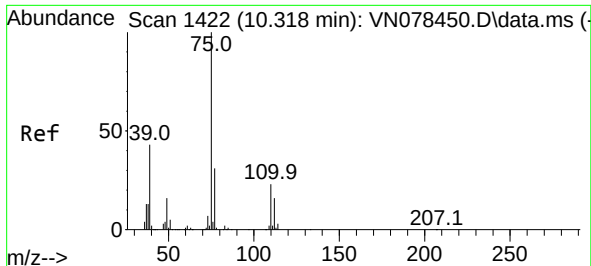
Tgt Ion: 75 Resp: 904

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

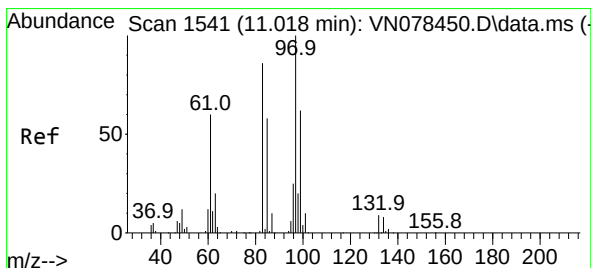
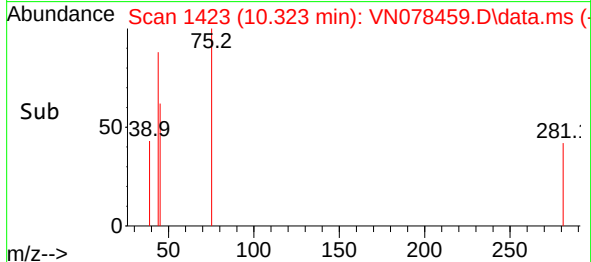
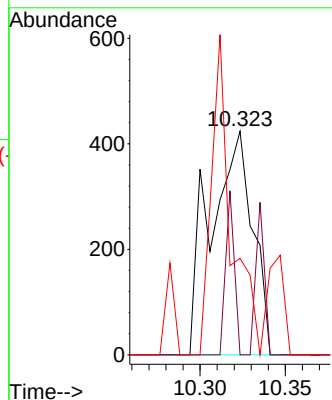
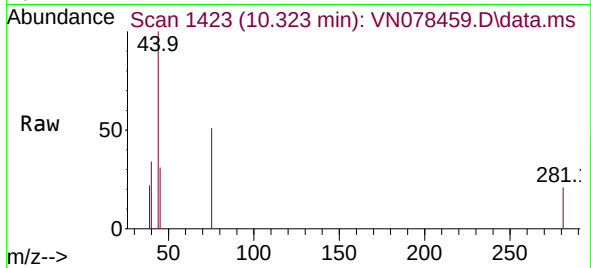




#54
cis-1,3-Dichloropropene
Concen: 0.086 ug/l
RT: 10.323 min Scan# 1423
Delta R.T. 0.005 min
Lab File: VN078459.D
Acq: 11 Jul 2023 12:31

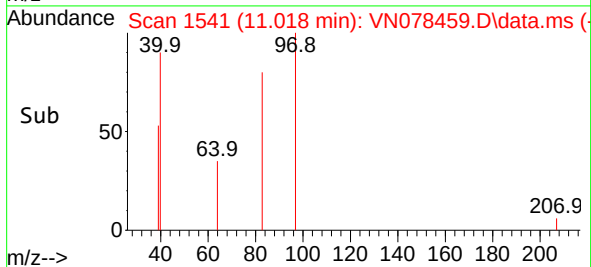
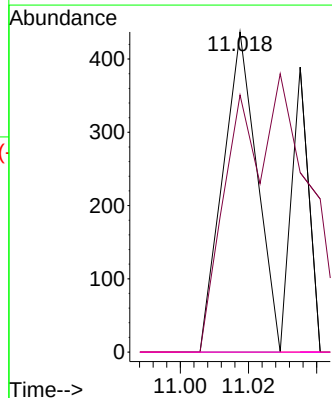
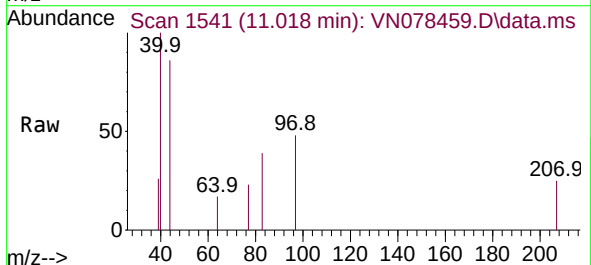
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBL01

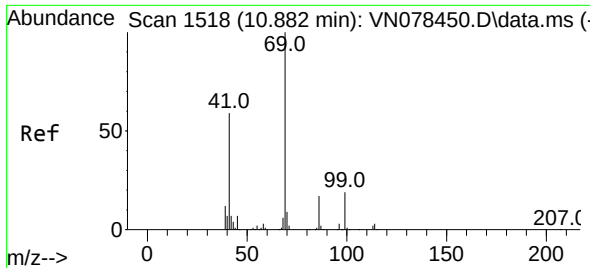
Tgt Ion: 75 Resp: 730
Ion Ratio Lower Upper
75 100
77 0.0 26.1 39.1#
39 43.2 31.6 47.4



#55
1,1,2-Trichloroethane
Concen: 0.058 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN078459.D
Acq: 11 Jul 2023 12:31

Tgt Ion: 97 Resp: 305
Ion Ratio Lower Upper
97 100
83 80.3 65.1 97.7
85 0.0 43.4 65.2#
99 0.0 49.2 73.8#

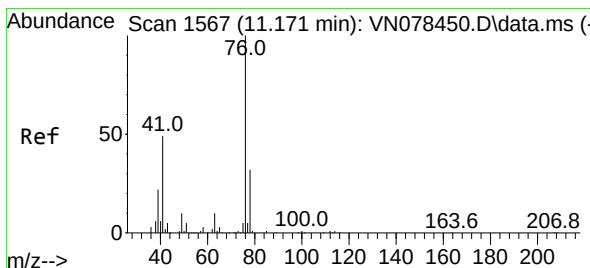
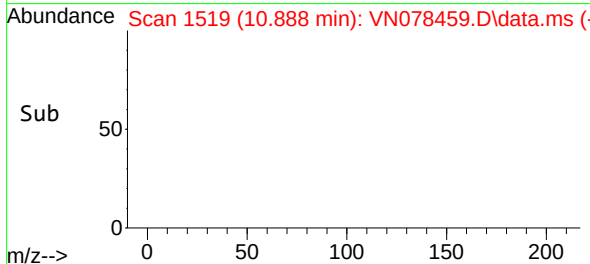
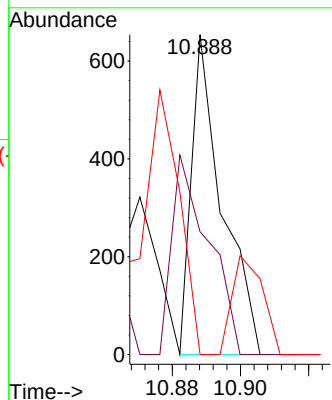
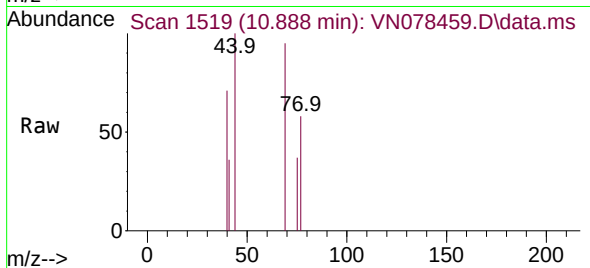




#56
Ethyl methacrylate
Concen: 0.055 ug/l
RT: 10.888 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VN078459.D
Acq: 11 Jul 2023 12:31

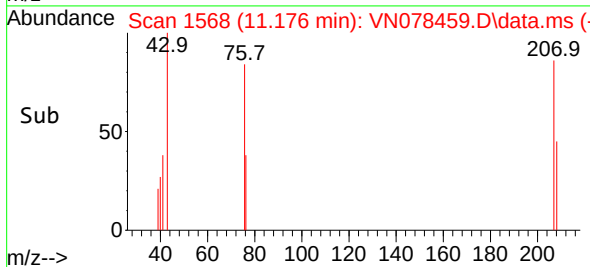
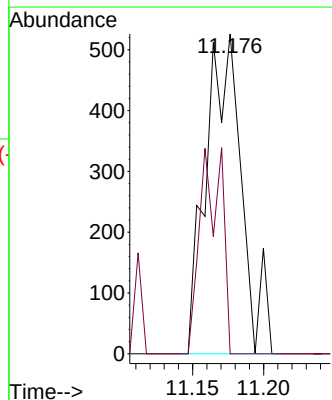
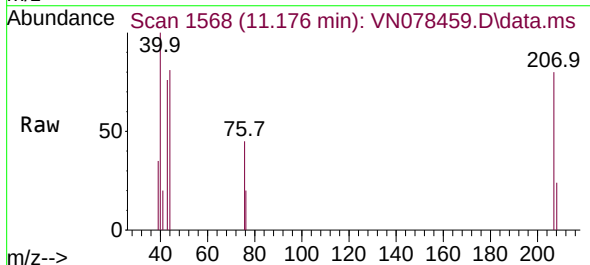
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBL01

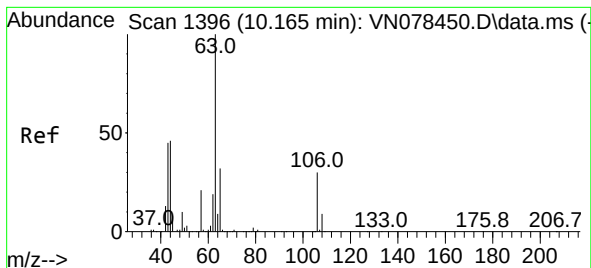
Tgt Ion: 69 Resp: 409
Ion Ratio Lower Upper
69 100
41 74.3 39.6 59.4#
39 92.2 28.6 43.0#



#57
1,3-Dichloropropane
Concen: 0.102 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. 0.005 min
Lab File: VN078459.D
Acq: 11 Jul 2023 12:31

Tgt Ion: 76 Resp: 916
Ion Ratio Lower Upper
76 100
78 39.3 26.1 39.1#

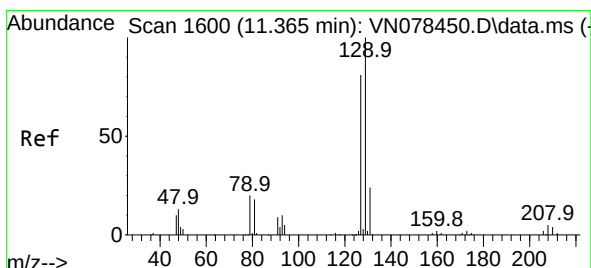
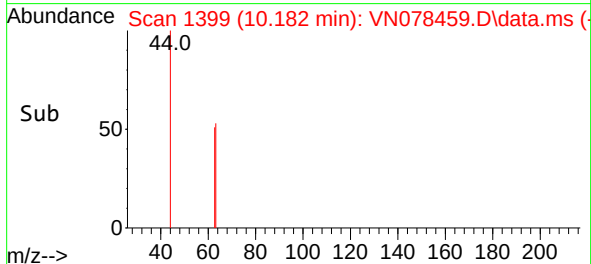
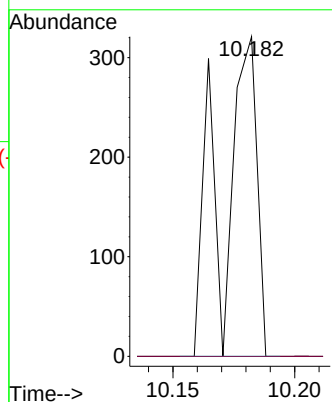
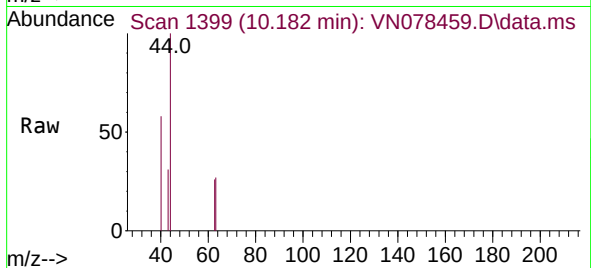




#58
2-Chloroethyl Vinyl ether
Concen: 0.119 ug/l
RT: 10.182 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN078459.D
Acq: 11 Jul 2023 12:31

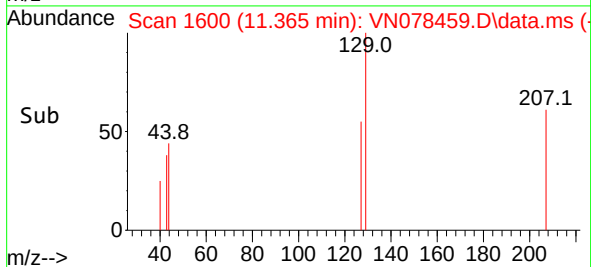
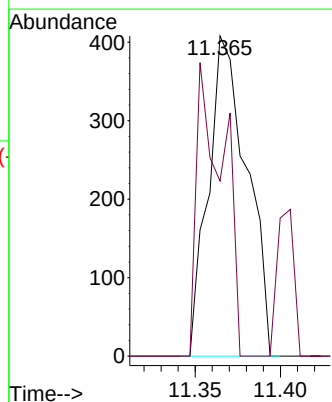
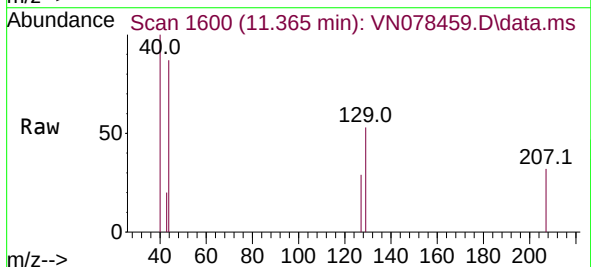
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBL01

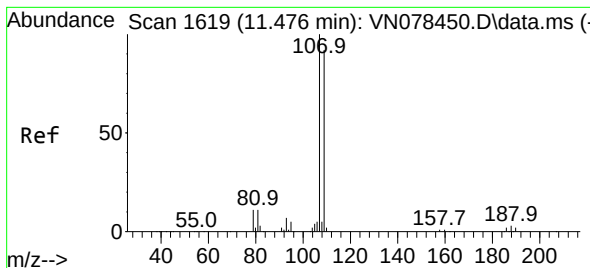
Tgt Ion: 63 Resp: 314
Ion Ratio Lower Upper
63 100
106 0.0 26.2 39.4#



#60
Dibromochloromethane
Concen: 0.110 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078459.D
Acq: 11 Jul 2023 12:31

Tgt Ion: 129 Resp: 641
Ion Ratio Lower Upper
129 100
127 63.8 38.6 116.0

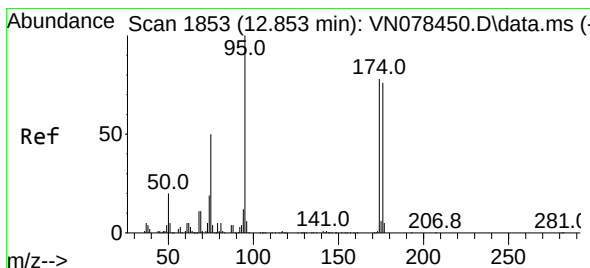
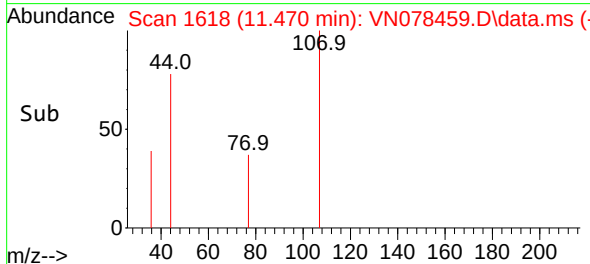
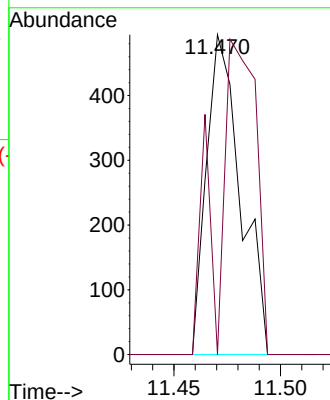
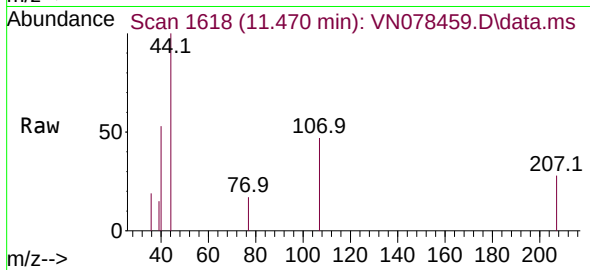




#61
1,2-Dibromoethane
Concen: 0.101 ug/l
RT: 11.470 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VN078459.D
Acq: 11 Jul 2023 12:31

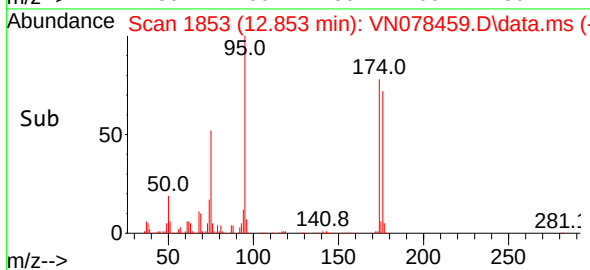
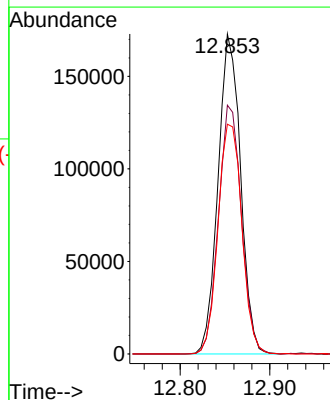
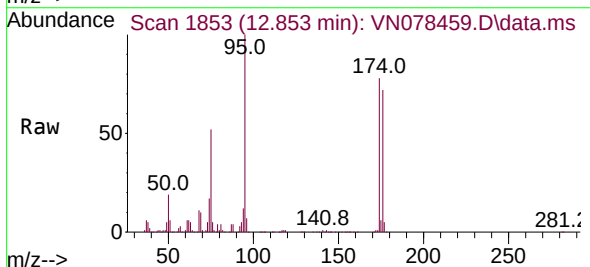
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBL01

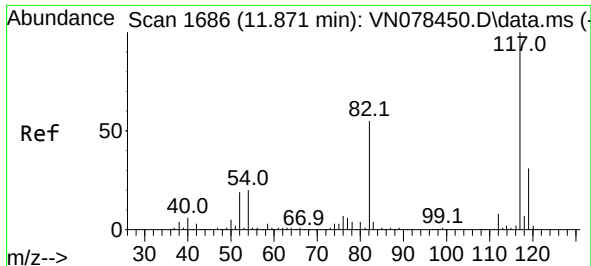
Tgt Ion:107 Resp: 552
Ion Ratio Lower Upper
107 100
109 111.1 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 51.032 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078459.D
Acq: 11 Jul 2023 12:31

Tgt Ion: 95 Resp: 300969
Ion Ratio Lower Upper
95 100
174 79.3 0.0 143.8
176 76.2 0.0 135.8

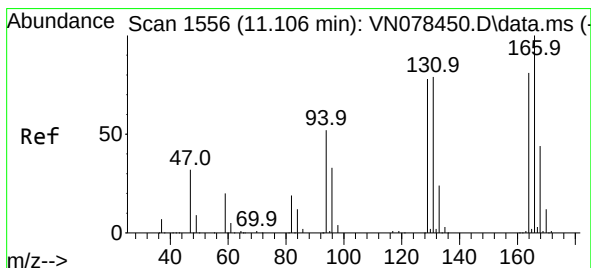
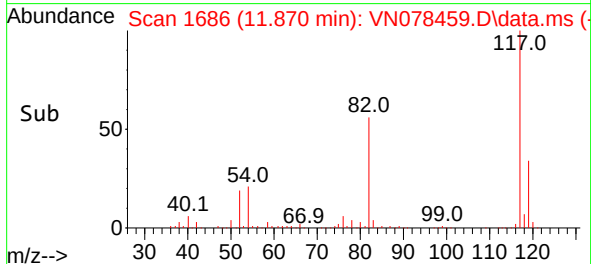
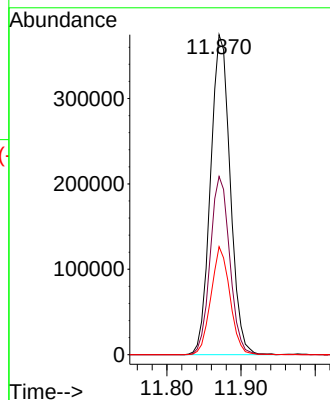
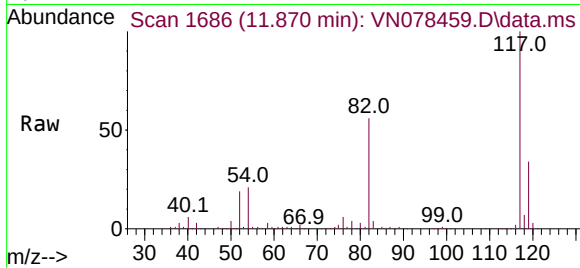




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN078459.D
Acq: 11 Jul 2023 12:31

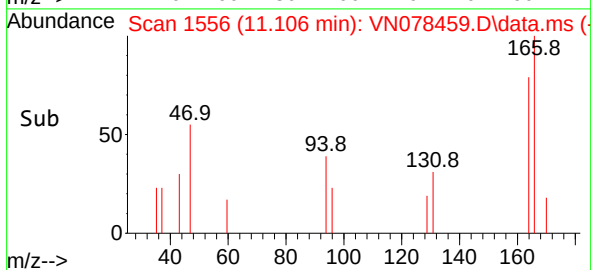
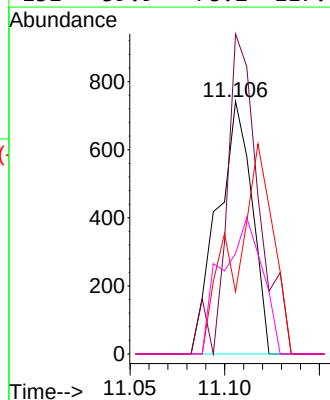
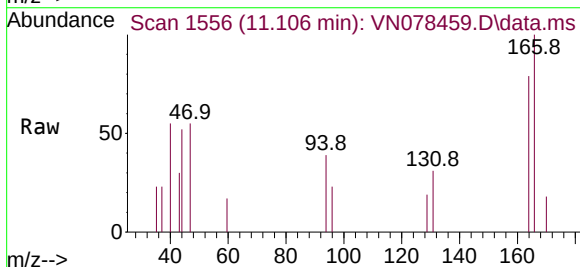
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBL01

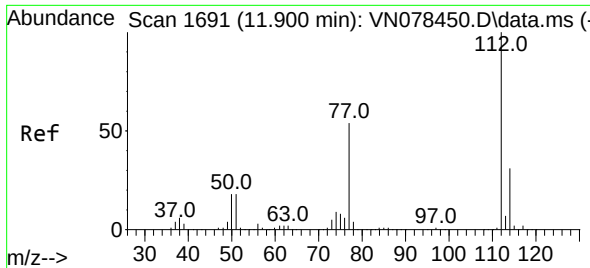
Tgt Ion:117 Resp: 691103
Ion Ratio Lower Upper
117 100
82 55.7 44.0 66.0
119 33.7 25.6 38.4



#64
Tetrachloroethene
Concen: 0.181 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN078459.D
Acq: 11 Jul 2023 12:31

Tgt Ion:164 Resp: 938
Ion Ratio Lower Upper
164 100
166 126.7 101.4 152.0
129 24.7 82.4 123.6#
131 39.9 78.2 117.4#

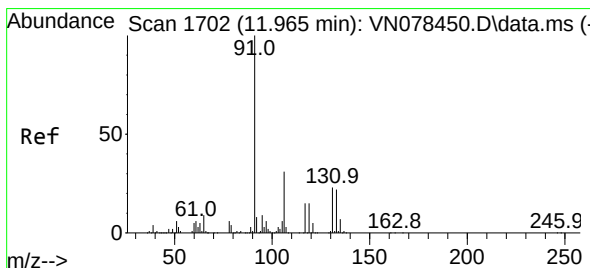
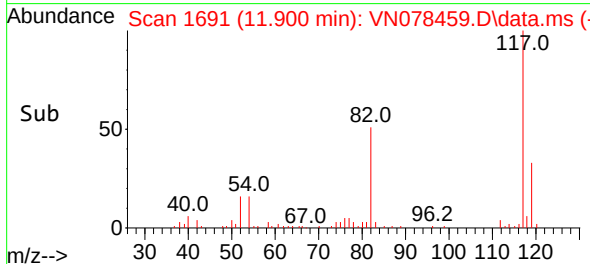
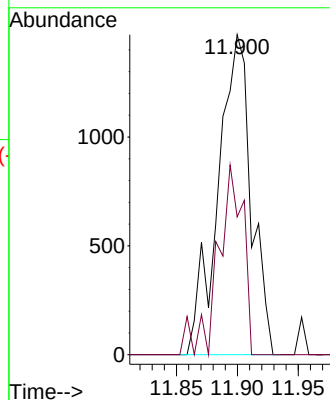
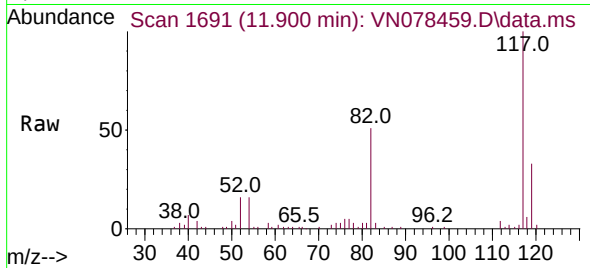




#65
Chlorobenzene
Concen: 0.181 ug/l
RT: 11.900 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN078459.D
Acq: 11 Jul 2023 12:31

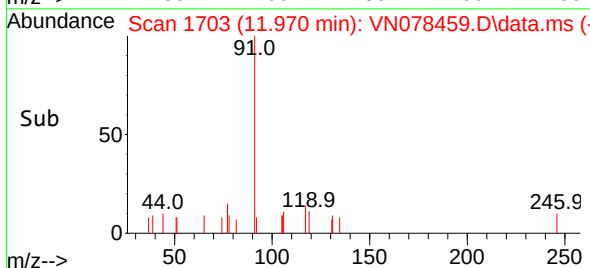
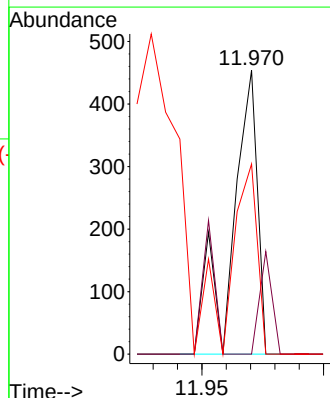
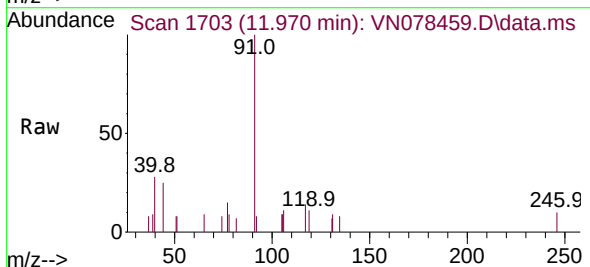
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBL01

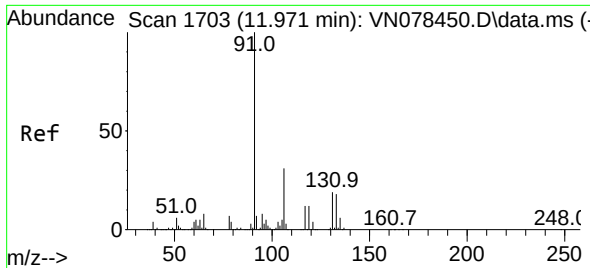
Tgt Ion:112 Resp: 2799
Ion Ratio Lower Upper
112 100
114 43.1 25.0 37.4#



#66
1,1,1,2-Tetrachloroethane
Concen: 0.055 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.005 min
Lab File: VN078459.D
Acq: 11 Jul 2023 12:31

Tgt Ion:131 Resp: 328
Ion Ratio Lower Upper
131 100
133 17.7 46.4 139.1#
119 0.0 34.1 102.2#

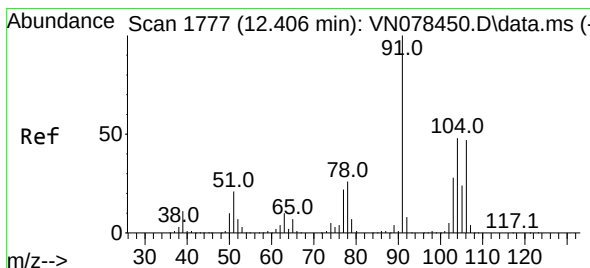
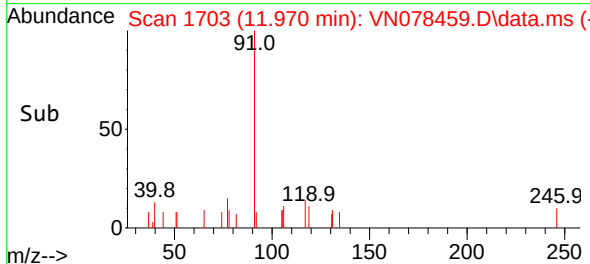
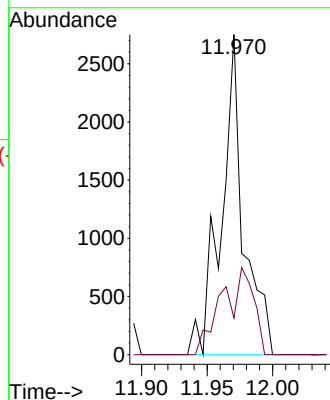
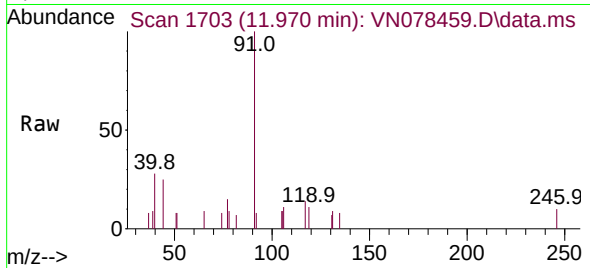




#67
Ethyl Benzene
Concen: 0.125 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078459.D
Acq: 11 Jul 2023 12:31

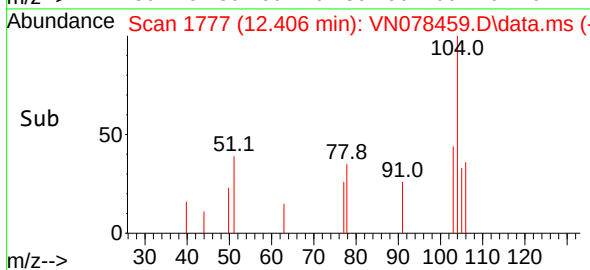
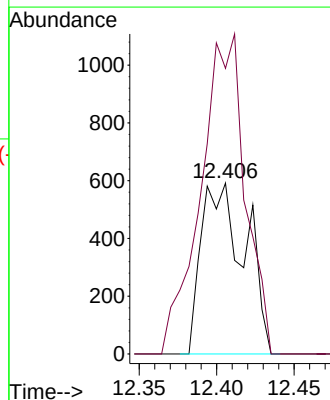
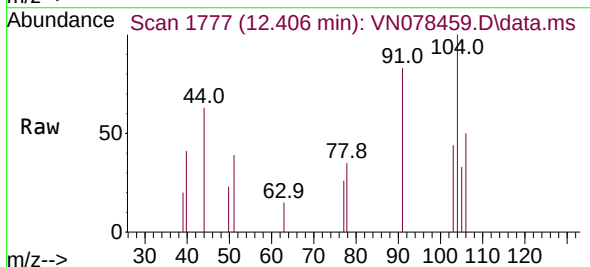
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBL01

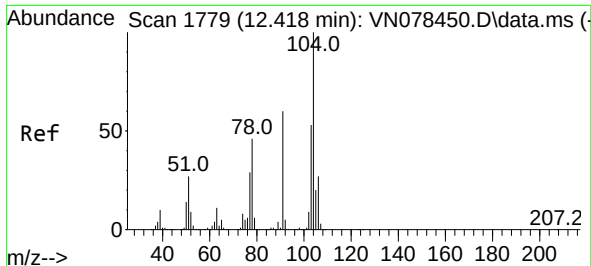
Tgt Ion: 91 Resp: 3257
Ion Ratio Lower Upper
91 100
106 11.4 25.6 38.4#



#69
o-Xylene
Concen: 0.119 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078459.D
Acq: 11 Jul 2023 12:31

Tgt Ion: 106 Resp: 1162
Ion Ratio Lower Upper
106 100
91 190.5 105.2 315.5

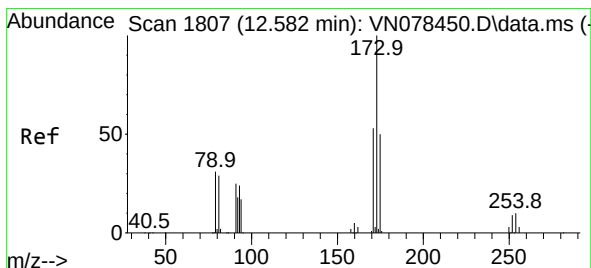
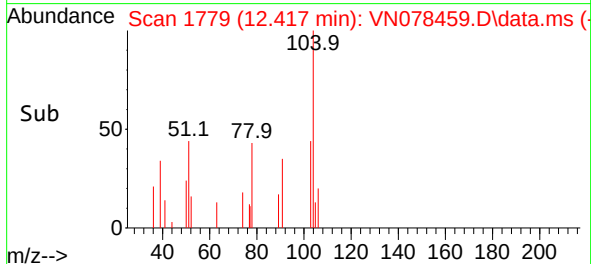
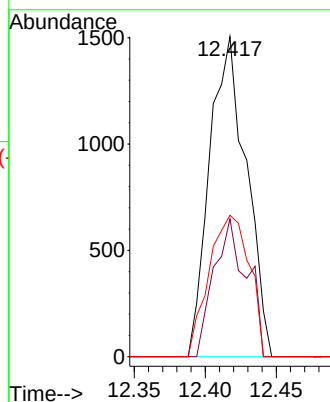
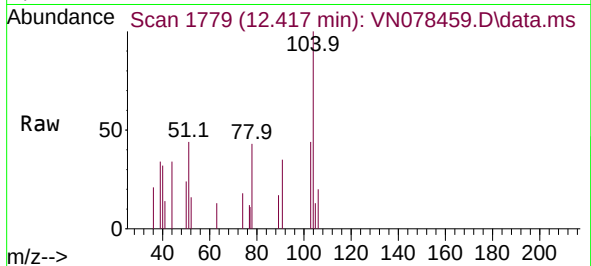




#70
Styrene
Concen: 0.178 ug/l
RT: 12.417 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN078459.D
Acq: 11 Jul 2023 12:31

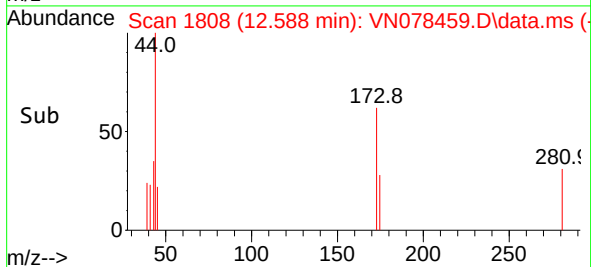
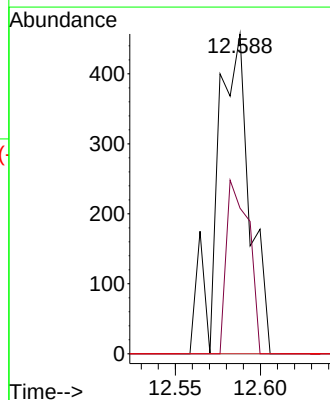
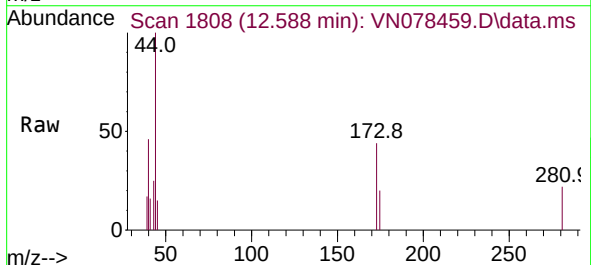
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBL01

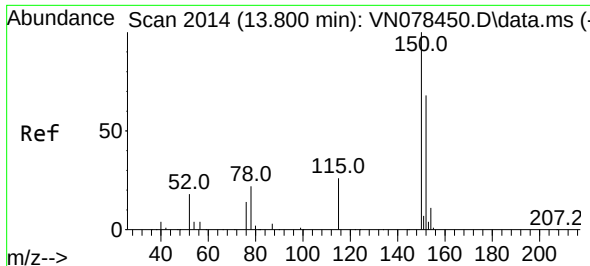
Tgt Ion:104 Resp: 2709
Ion Ratio Lower Upper
104 100
78 38.4 39.5 59.3#
103 48.5 43.2 64.8



#71
Bromoform
Concen: 0.152 ug/l
RT: 12.588 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VN078459.D
Acq: 11 Jul 2023 12:31

Tgt Ion:173 Resp: 611
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.0 0.0

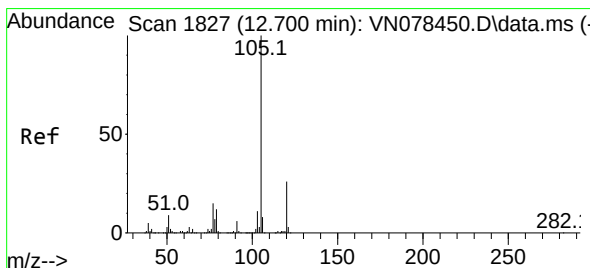
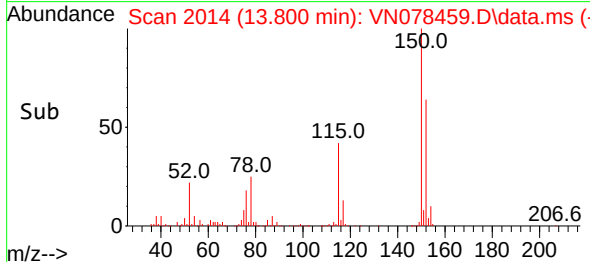
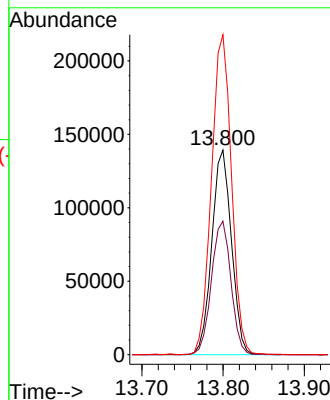
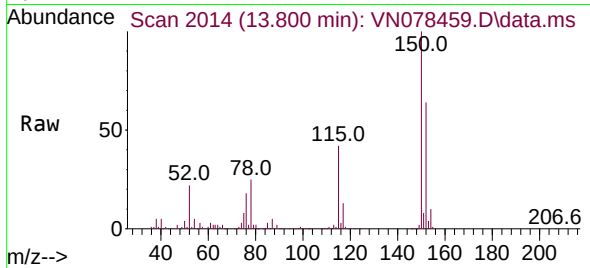




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 2014
 Delta R.T. -0.000 min
 Lab File: VN078459.D
 Acq: 11 Jul 2023 12:31

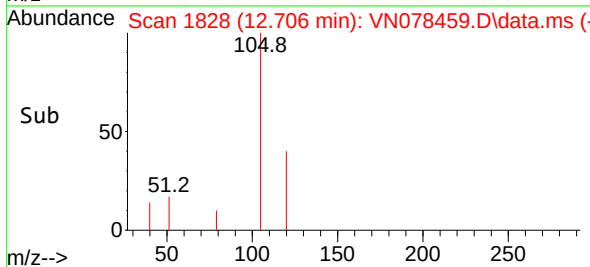
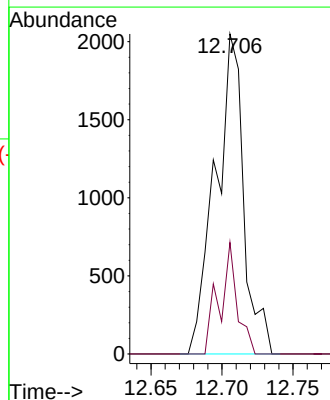
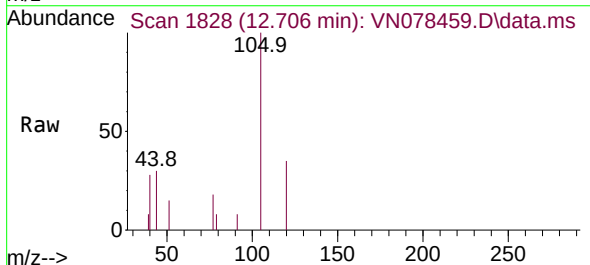
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0711WBL01

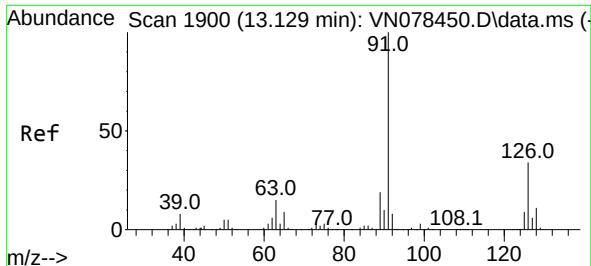
Tgt Ion:152 Resp: 234276
 Ion Ratio Lower Upper
 152 100
 115 64.9 32.3 96.8
 150 159.3 0.0 355.8



#73
 Isopropylbenzene
 Concen: 0.128 ug/l
 RT: 12.706 min Scan# 1828
 Delta R.T. 0.006 min
 Lab File: VN078459.D
 Acq: 11 Jul 2023 12:31

Tgt Ion:105 Resp: 2827
 Ion Ratio Lower Upper
 105 100
 120 21.9 13.1 39.1





#79

2-Chlorotoluene

Concen: 0.183 ug/l

RT: 13.135 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VN078459.D

Acq: 11 Jul 2023 12:31

Instrument :

MSVOA_N

ClientSampleId :

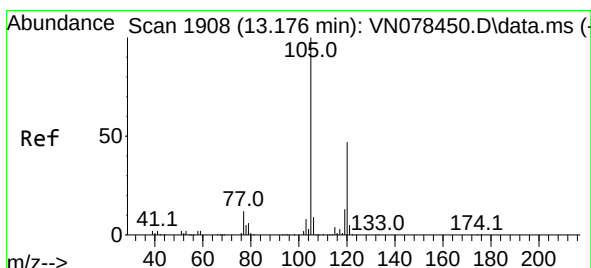
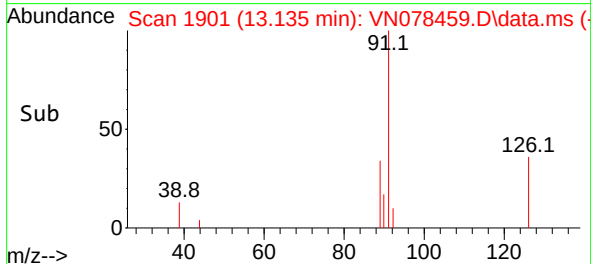
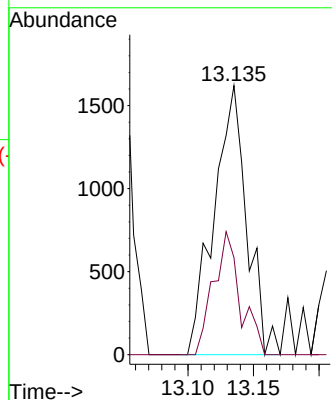
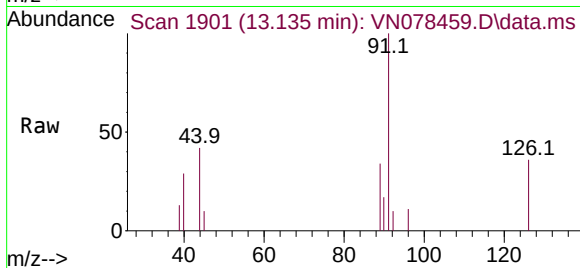
VN0711WBL01

Tgt Ion: 91 Resp: 2829

Ion Ratio Lower Upper

91 100

126 37.3 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 0.185 ug/l

RT: 13.182 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VN078459.D

Acq: 11 Jul 2023 12:31

Tgt Ion: 105 Resp: 3222

Ion Ratio Lower Upper

105 100

120 51.2 24.1 72.3

