

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010323\
 Data File : VN076062.D
 Acq On : 03 Jan 2023 14:38
 Operator : JC\MD
 Sample : N6232-01DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-10DL

Quant Time: Jan 04 04:17:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	336070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	517166	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	438732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	199676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	169933	46.479	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.960%		
35) Dibromofluoromethane	8.177	113	154792	48.331	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.660%		
50) Toluene-d8	10.571	98	587252	49.041	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.080%		
62) 4-Bromofluorobenzene	12.853	95	188687	47.575	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.140%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.536	59	6007	11.611	ug/l #	78
15) Acrylonitrile	5.765	53	433	0.307	ug/l #	74
16) Acetone	4.453	43	54268	43.058	ug/l	89
18) Methyl Acetate	5.059	43	764	0.205	ug/l #	59
19) Methyl tert-butyl Ether	5.806	73	39852	4.063	ug/l #	85
20) Methylene Chloride	5.294	84	1190	Below Cal	#	63
25) 2-Butanone	7.500	43	8960	5.077	ug/l #	83
31) Cyclohexane	8.253	56	18147	3.466	ug/l #	74
36) 1,1-Dichloropropene	8.235	75	23778	5.589	ug/l #	49
37) Ethyl Acetate	7.577	43	2304	0.674	ug/l #	78
38) Carbon Tetrachloride	8.230	117	31853	6.689	ug/l #	16
39) Methylcyclohexane	9.606	83	9407	1.833	ug/l	98
40) Benzene	8.618	78	7236	0.551	ug/l #	85
48) Methyl methacrylate	9.600	41	5485	2.160	ug/l #	70
51) 4-Methyl-2-Pentanone	10.447	43	3687	1.081	ug/l	99
52) Toluene	10.635	92	13119	1.535	ug/l	96
55) 1,1,2-Trichloroethane	11.006	97	1078	0.321	ug/l #	16
59) 2-Hexanone	11.200	43	4324	1.739	ug/l #	57
67) Ethyl Benzene	11.965	91	635606	41.822	ug/l	99
68) m/p-Xylenes	12.082	106	295062	49.052	ug/l	99
69) o-Xylene	12.400	106	55983	9.404	ug/l	99
70) Styrene	12.412	104	6199	0.655	ug/l #	1
71) Bromoform	12.847	173	1485	0.612	ug/l #	1
73) Isopropylbenzene	12.694	105	37360	2.589	ug/l	97
76) 1,2,3-Trichloropropane	12.853	75	93426	23.212	ug/l #	1
78) n-propylbenzene	13.041	91	82414	5.178	ug/l	99
79) 2-Chlorotoluene	13.223	91	2798	0.282	ug/l	94
80) 1,3,5-Trimethylbenzene	13.135	105	240016	19.874	ug/l	73
81) trans-1,4-Dichloro-2-b...	12.853	75	93426	83.550	ug/l #	12
82) 4-Chlorotoluene	13.223	91	2798	0.282	ug/l	94
83) tert-Butylbenzene	13.488	119	94165	8.844	ug/l #	66
84) 1,2,4-Trimethylbenzene	13.488	105	750567	62.649	ug/l	100
85) sec-Butylbenzene	13.488	105	750567	51.071	ug/l #	56
86) p-Isopropyltoluene	13.676	119	10222	0.836	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	1969	0.292	ug/l #	80
88) 1,4-Dichlorobenzene	13.812	146	3045	0.442	ug/l #	34

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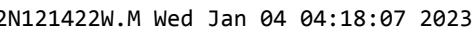
Quant Time: Jan 04 04:17:55 2023
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 Quant Title : SW846 8260
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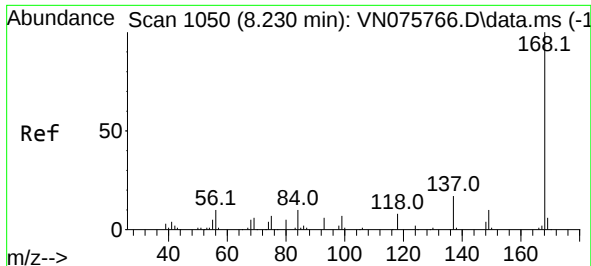
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

89) n-Butylbenzene	14.059	91	9932	1.003	ug/l #	73
90) Hexachloroethane	14.335	117	7296	3.335	ug/l #	11
91) 1,2-Dichlorobenzene	14.106	146	2205	0.332	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.688	75	368	0.465	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.400	180	2976	0.905	ug/l #	83
95) Naphthalene	15.641	128	109212	11.790	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	3669	1.193	ug/l	86

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

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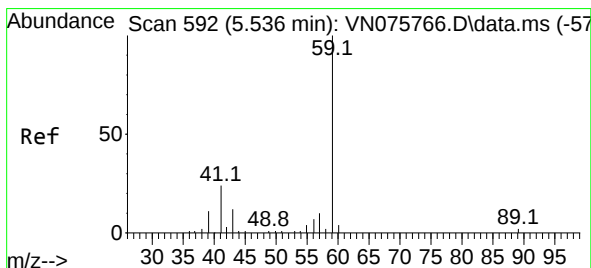
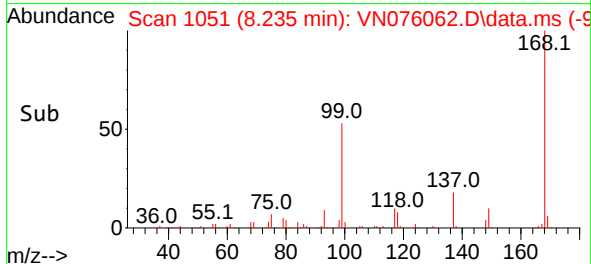
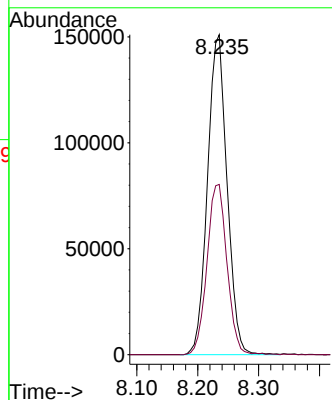
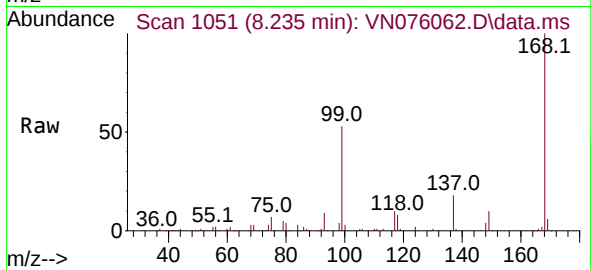




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1050
Delta R.T. 0.005 min
Lab File: VN076062.D
Acq: 03 Jan 2023 14:38

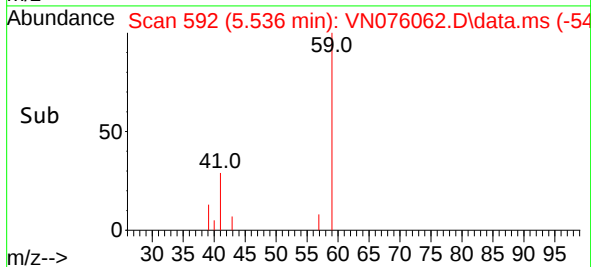
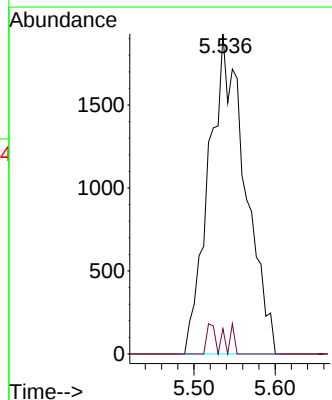
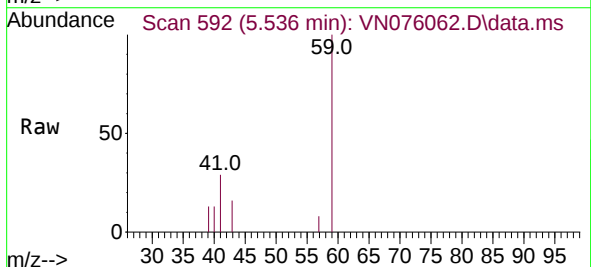
Instrument :
MSVOA_N
ClientSampleId :
MW-10DL

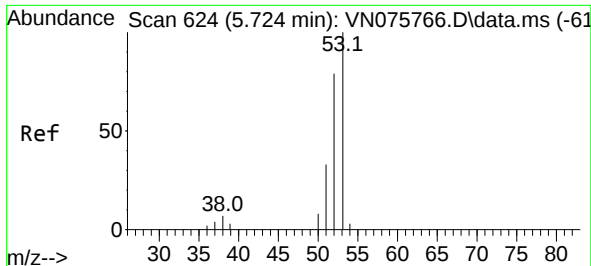
Tgt Ion:168 Resp: 336070
Ion Ratio Lower Upper
168 100
99 53.2 44.2 66.4



#11
Tert butyl alcohol
Concen: 11.611 ug/l
RT: 5.536 min Scan# 592
Delta R.T. -0.000 min
Lab File: VN076062.D
Acq: 03 Jan 2023 14:38

Tgt Ion: 59 Resp: 6007
Ion Ratio Lower Upper
59 100
57 2.1 8.2 12.4#

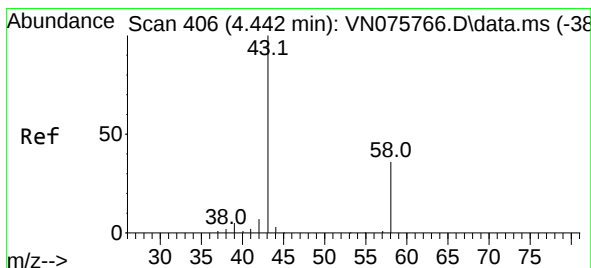
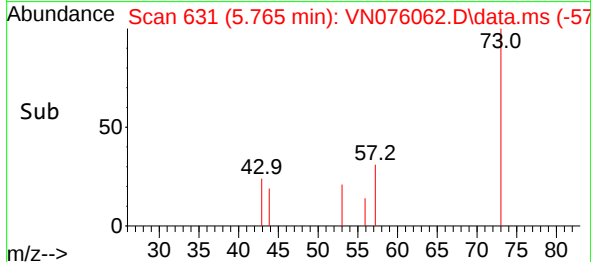
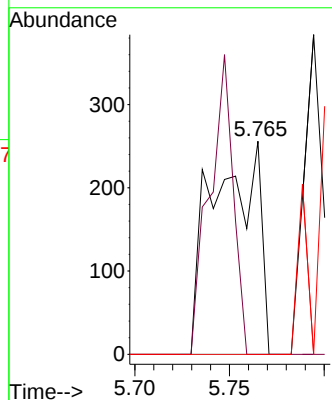
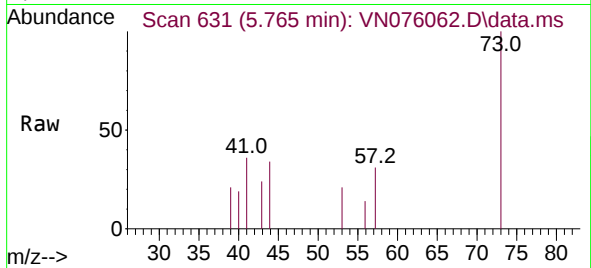




#15
Acrylonitrile
Concen: 0.307 ug/l
RT: 5.765 min Scan# 61
Delta R.T. 0.041 min
Lab File: VN076062.D
Acq: 03 Jan 2023 14:38

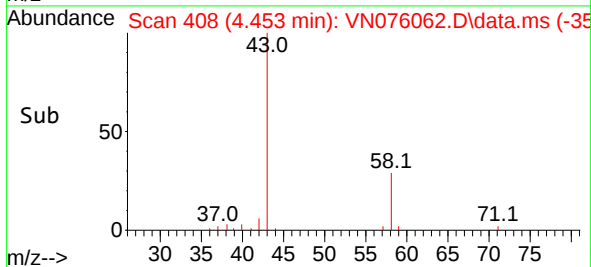
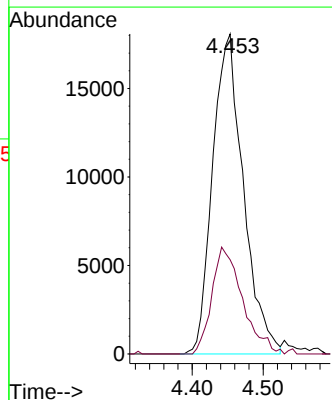
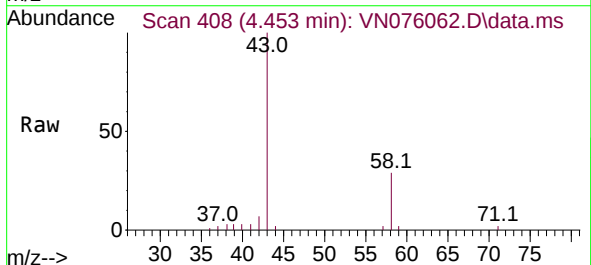
Instrument :
MSVOA_N
ClientSampleId :
MW-10DL

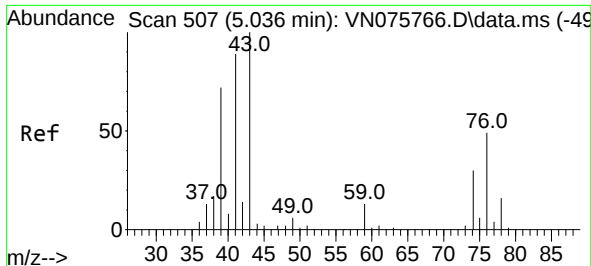
Tgt Ion: 53 Resp: 433
Ion Ratio Lower Upper
53 100
52 72.7 65.4 98.0
51 0.0 28.9 43.3#



#16
Acetone
Concen: 43.058 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN076062.D
Acq: 03 Jan 2023 14:38

Tgt Ion: 43 Resp: 54268
Ion Ratio Lower Upper
43 100
58 29.5 28.6 43.0

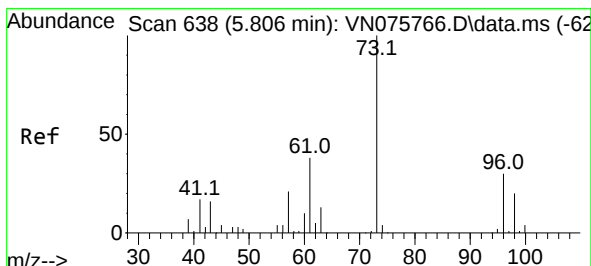
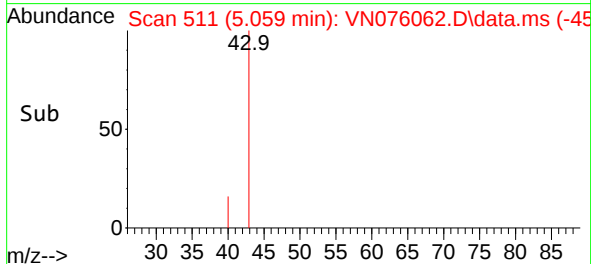
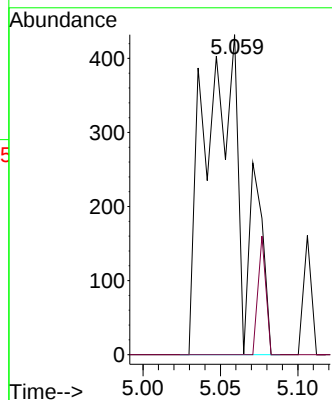
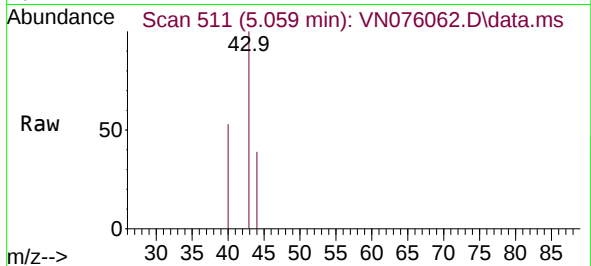




#18
Methyl Acetate
Concen: 0.205 ug/l
RT: 5.059 min Scan# 511
Delta R.T. 0.023 min
Lab File: VN076062.D
Acq: 03 Jan 2023 14:38

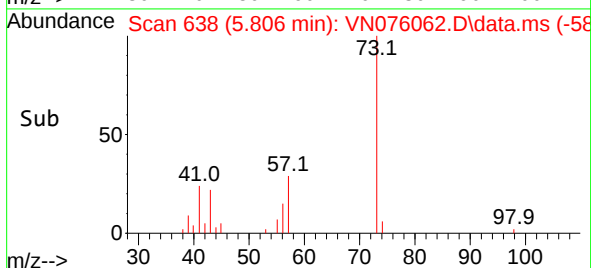
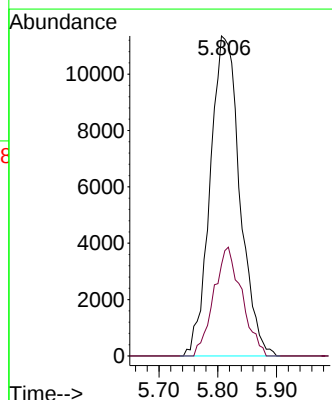
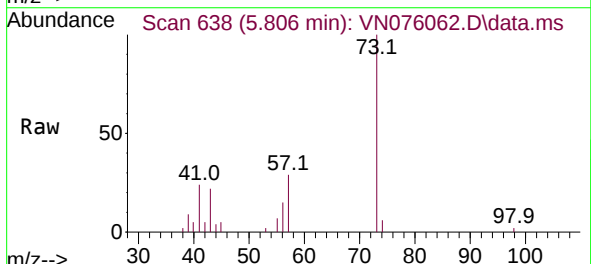
Instrument :
MSVOA_N
ClientSampleId :
MW-10DL

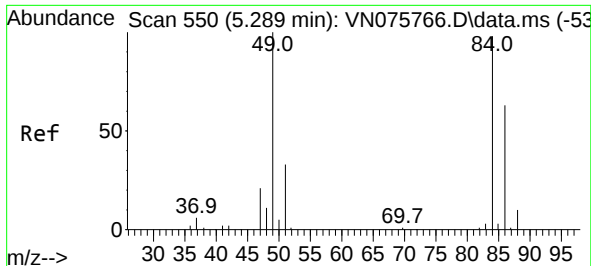
Tgt Ion: 43 Resp: 764
Ion Ratio Lower Upper
43 100
74 7.3 23.6 35.4#



#19
Methyl tert-butyl Ether
Concen: 4.063 ug/l
RT: 5.806 min Scan# 638
Delta R.T. -0.000 min
Lab File: VN076062.D
Acq: 03 Jan 2023 14:38

Tgt Ion: 73 Resp: 39852
Ion Ratio Lower Upper
73 100
57 28.5 17.1 25.7#

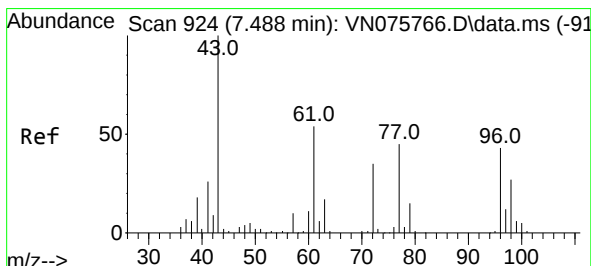
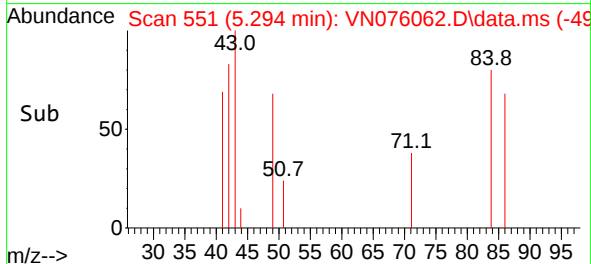
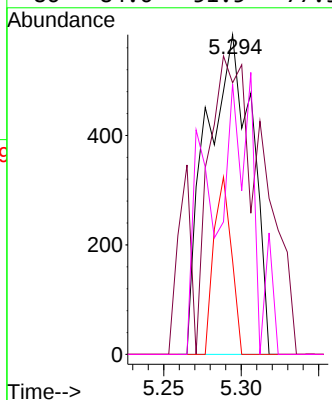
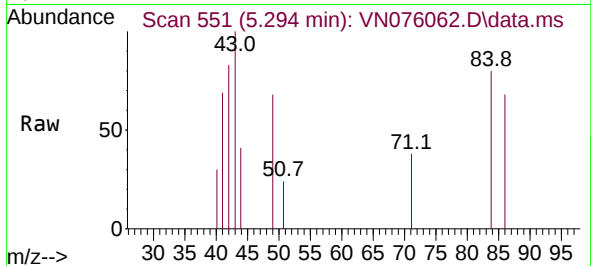




#20
Methylene Chloride
Concen: Below Cal
RT: 5.294 min Scan# 511
Delta R.T. 0.005 min
Lab File: VN076062.D
Acq: 03 Jan 2023 14:38

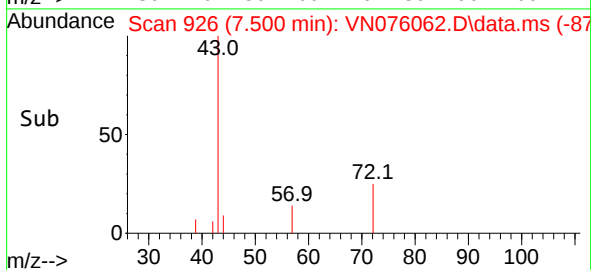
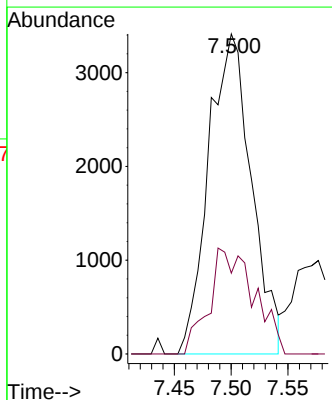
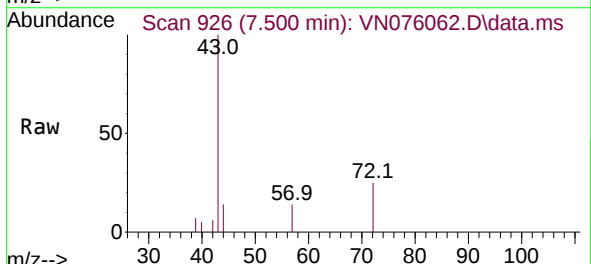
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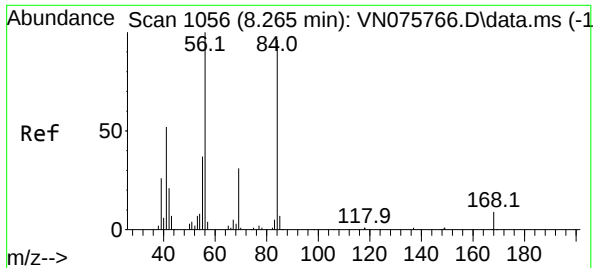
Tgt Ion:	84	Resp:	1190
Ion	Ratio	Lower	Upper
84	100		
49	47.8	81.8	122.6#
51	29.3	26.7	40.1
86	84.6	51.5	77.3#



#25
2-Butanone
Concen: 5.077 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.012 min
Lab File: VN076062.D
Acq: 03 Jan 2023 14:38

Tgt Ion:	43	Resp:	8960
Ion	Ratio	Lower	Upper
43	100		
72	25.3	28.0	42.0#

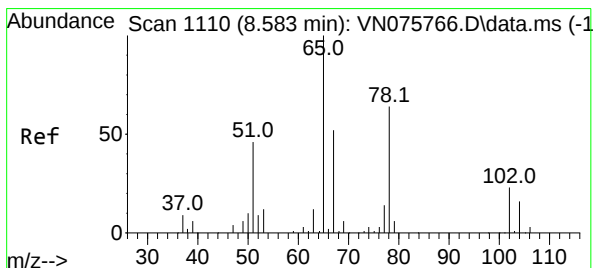
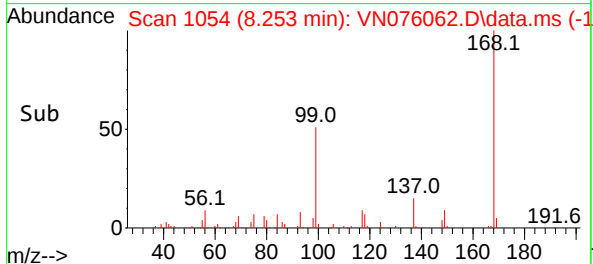
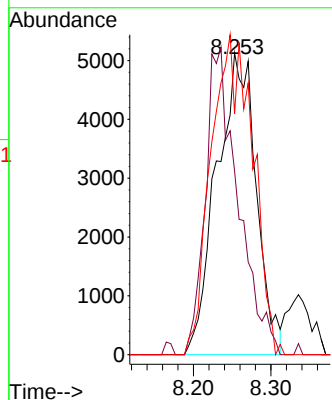
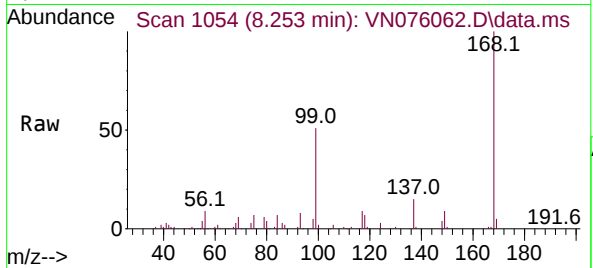




#31
Cyclohexane
Concen: 3.466 ug/l
RT: 8.253 min Scan# 1054
Delta R.T. -0.012 min
Lab File: VN076062.D
Acq: 03 Jan 2023 14:38

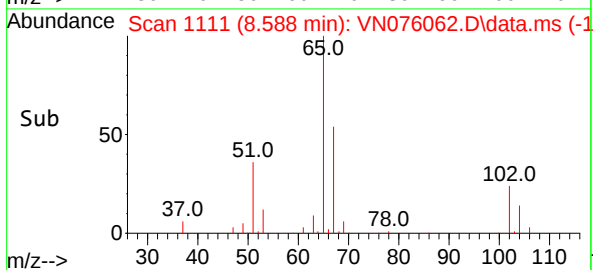
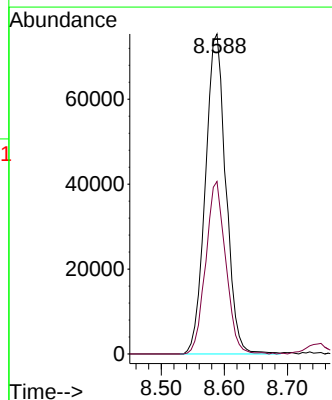
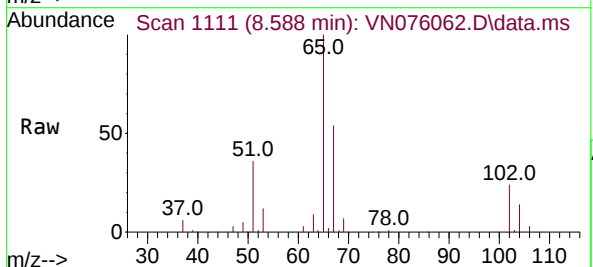
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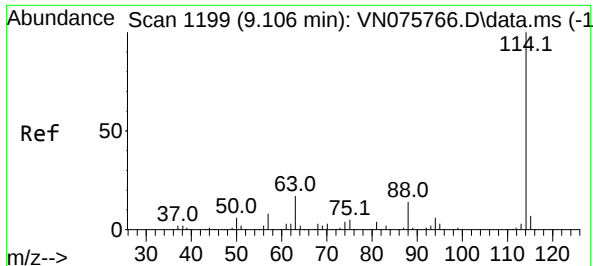
Tgt Ion: 56 Resp: 18147
Ion Ratio Lower Upper
56 100
69 60.8 24.7 37.1#
84 79.8 76.5 114.7



#33
1,2-Dichloroethane-d4
Concen: 46.479 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076062.D
Acq: 03 Jan 2023 14:38

Tgt Ion: 65 Resp: 169933
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076062.D

Acq: 03 Jan 2023 14:38

Instrument :

MSVOA_N

ClientSampleId :

MW-10DL

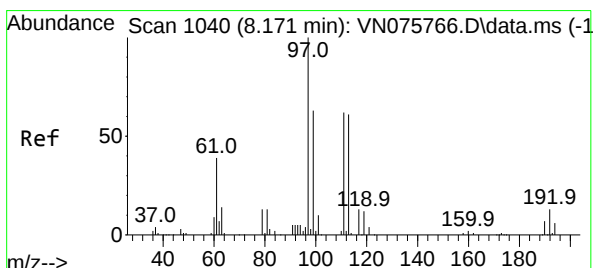
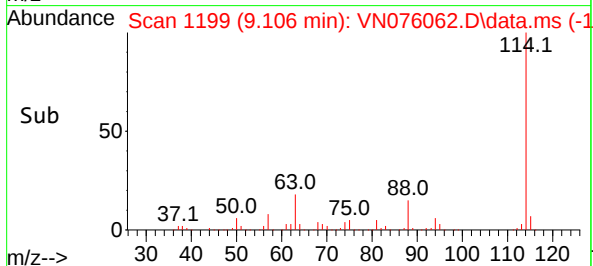
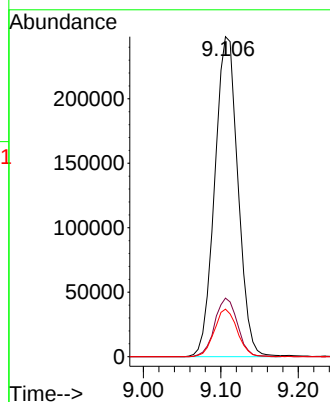
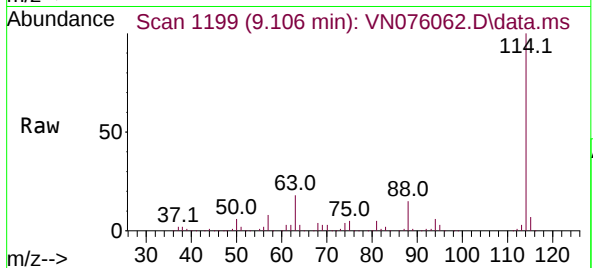
Tgt Ion:114 Resp: 517166

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.4

88 14.9 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.331 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076062.D

Acq: 03 Jan 2023 14:38

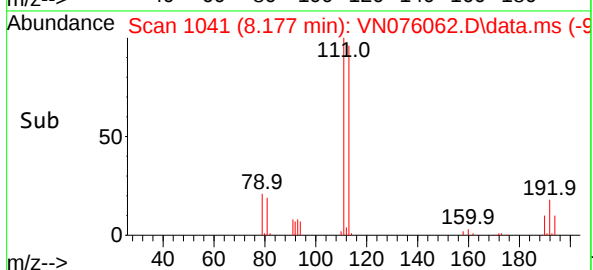
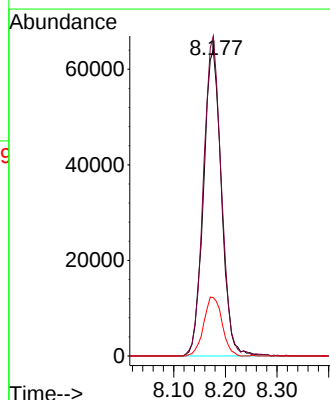
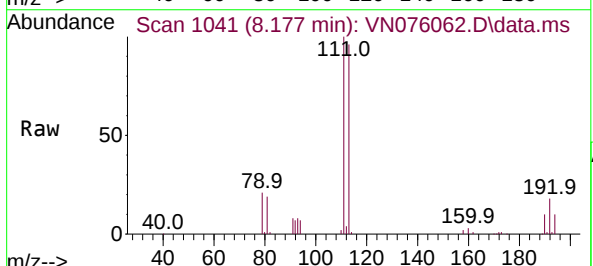
Tgt Ion:113 Resp: 154792

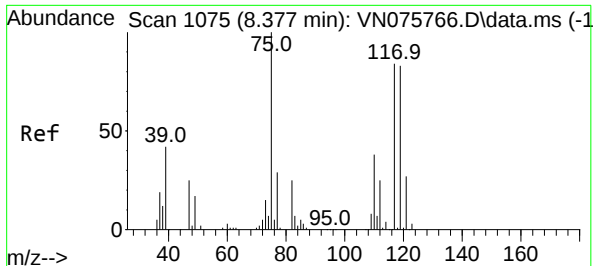
Ion Ratio Lower Upper

113 100

111 103.4 83.4 125.2

192 19.6 16.1 24.1





#36

1,1-Dichloropropene

Concen: 5.589 ug/l

RT: 8.235 min Scan# 1051

Delta R.T. -0.141 min

Lab File: VN076062.D

Acq: 03 Jan 2023 14:38

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ClientSampleId :

MW-10DL

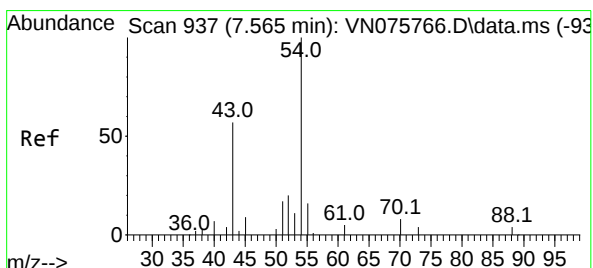
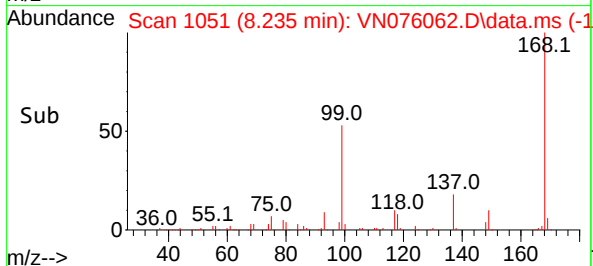
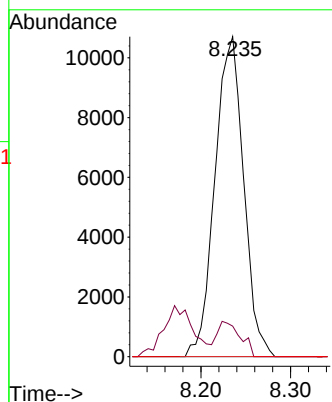
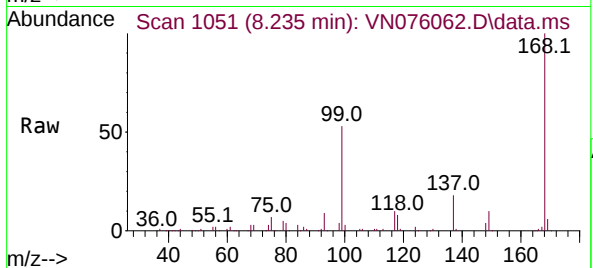
Tgt Ion: 75 Resp: 23778

Ion Ratio Lower Upper

75 100

110 8.8 18.8 56.4#

77 0.0 24.1 36.1#



#37

Ethyl Acetate

Concen: 0.674 ug/l

RT: 7.577 min Scan# 939

Delta R.T. 0.012 min

Lab File: VN076062.D

Acq: 03 Jan 2023 14:38

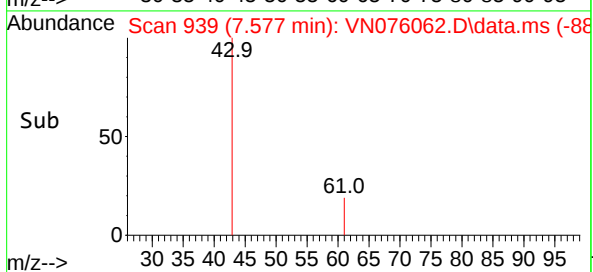
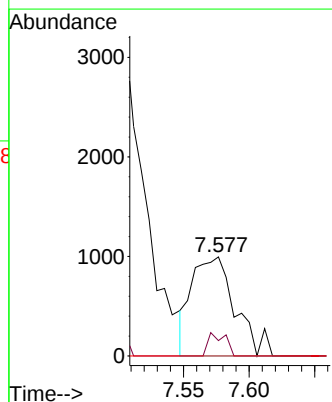
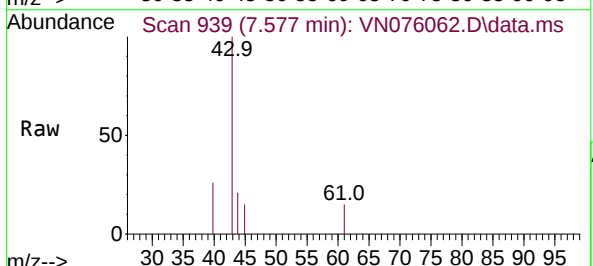
Tgt Ion: 43 Resp: 2304

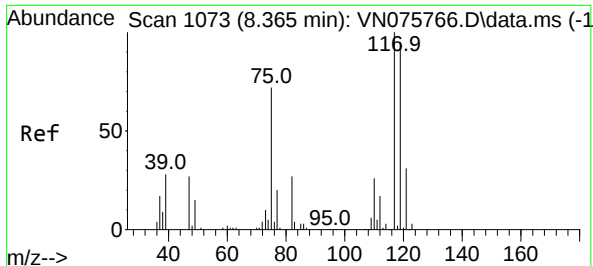
Ion Ratio Lower Upper

43 100

61 9.2 13.0 19.4#

70 0.0 9.4 14.0#

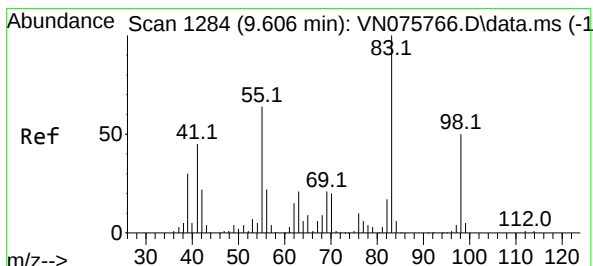
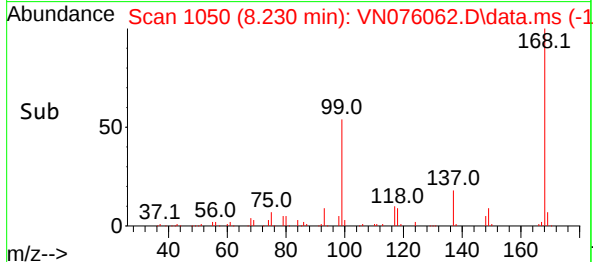
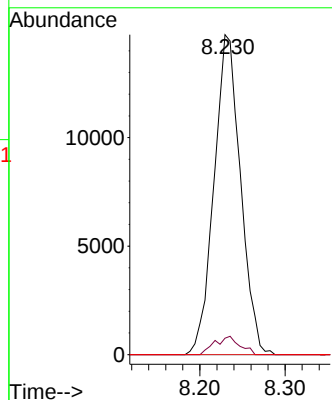
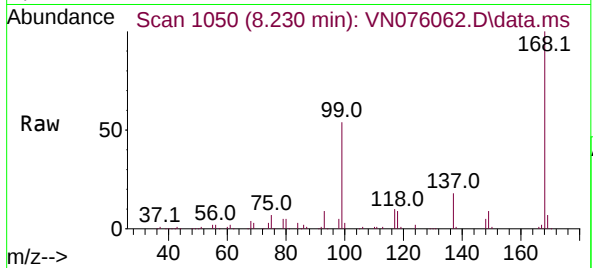




#38
Carbon Tetrachloride
Concen: 6.689 ug/l
RT: 8.230 min Scan# 1073
Delta R.T. -0.135 min
Lab File: VN076062.D
Acq: 03 Jan 2023 14:38

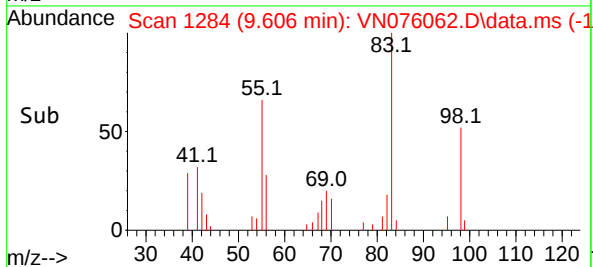
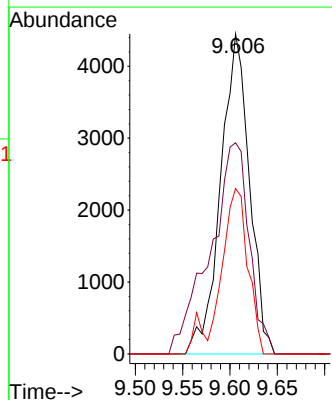
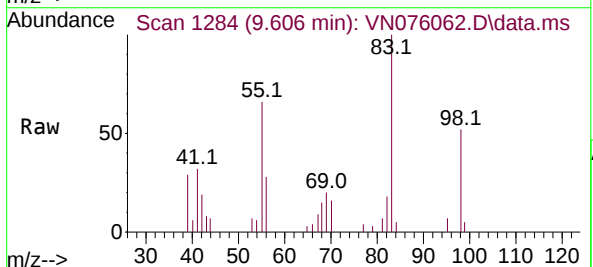
Instrument :
MSVOA_N
ClientSampleId :
MW-10DL

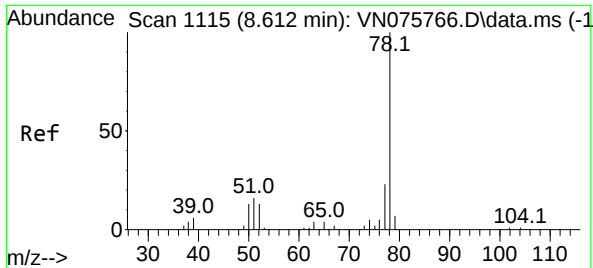
Tgt Ion:117 Resp: 31853
Ion Ratio Lower Upper
117 100
119 5.1 76.1 114.1#
121 0.0 24.5 36.7#



#39
Methylcyclohexane
Concen: 1.833 ug/l
RT: 9.606 min Scan# 1284
Delta R.T. -0.000 min
Lab File: VN076062.D
Acq: 03 Jan 2023 14:38

Tgt Ion: 83 Resp: 9407
Ion Ratio Lower Upper
83 100
55 66.0 51.4 77.0
98 51.7 39.8 59.8





#40

Benzene

Concen: 0.551 ug/l

RT: 8.618 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN076062.D

Acq: 03 Jan 2023 14:38

Instrument :

MSVOA_N

ClientSampleId :

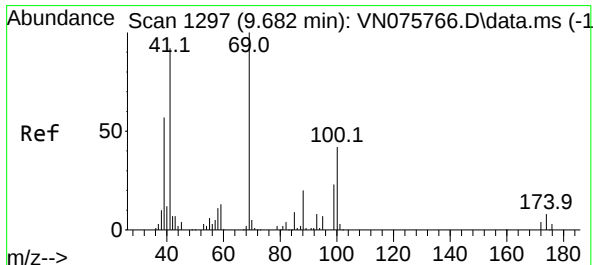
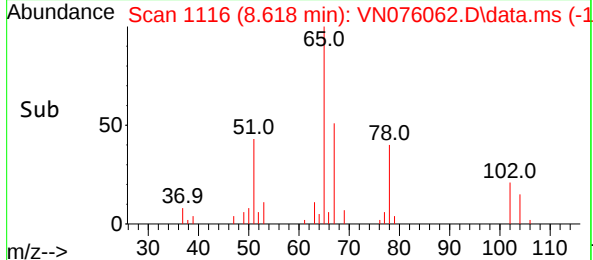
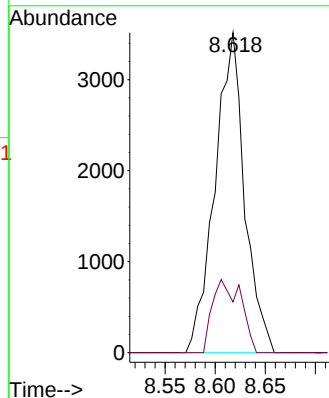
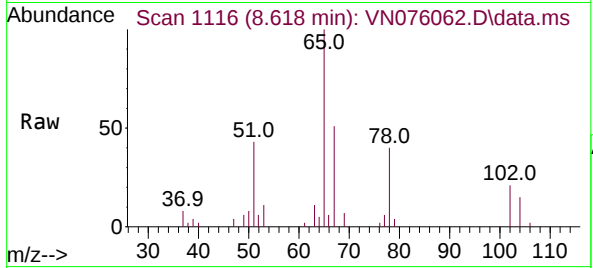
MW-10DL

Tgt Ion: 78 Resp: 7236

Ion Ratio Lower Upper

78 100

77 15.8 18.5 27.7#



#48

Methyl methacrylate

Concen: 2.160 ug/l

RT: 9.600 min Scan# 1283

Delta R.T. -0.082 min

Lab File: VN076062.D

Acq: 03 Jan 2023 14:38

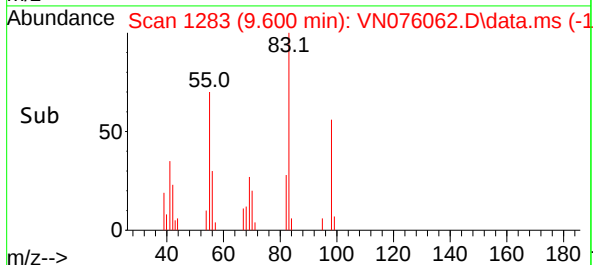
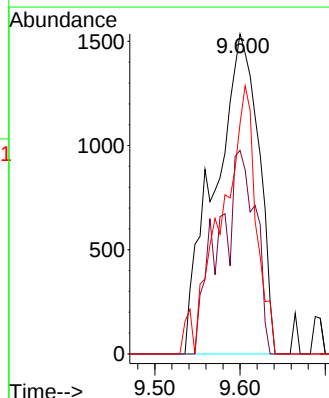
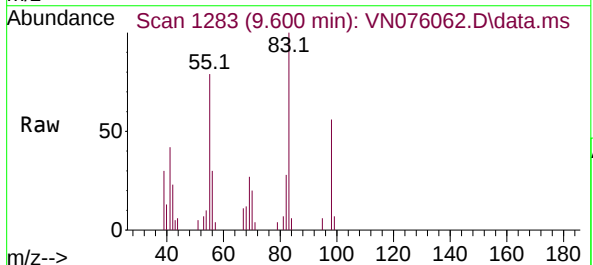
Tgt Ion: 41 Resp: 5485

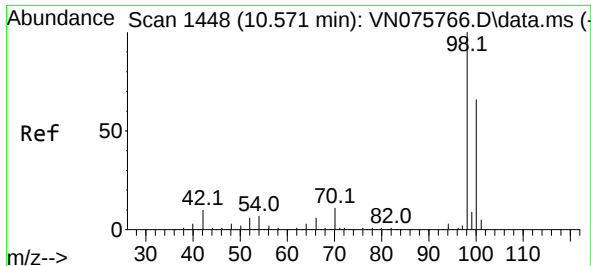
Ion Ratio Lower Upper

41 100

69 54.0 81.9 122.9#

39 66.8 51.6 77.4

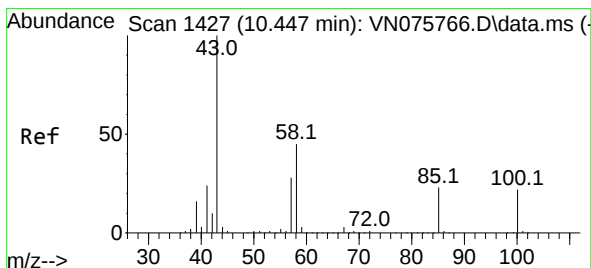
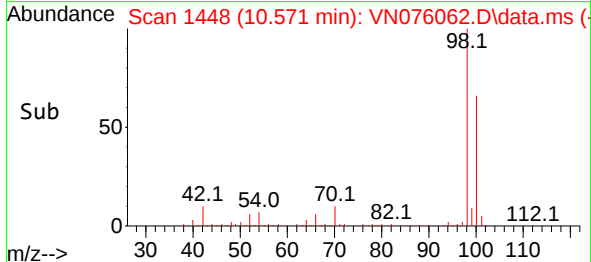
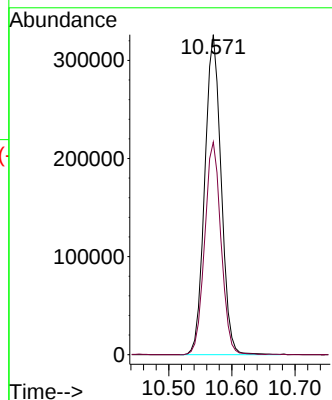
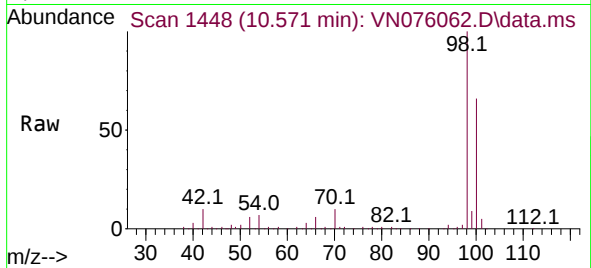




#50
Toluene-d8
Concen: 49.041 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076062.D
Acq: 03 Jan 2023 14:38

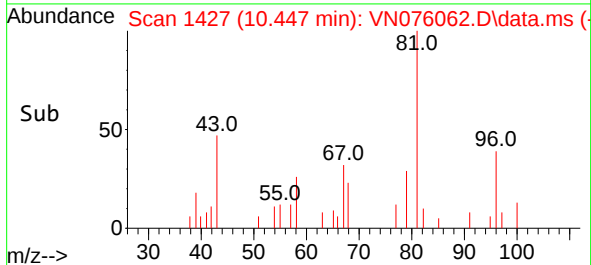
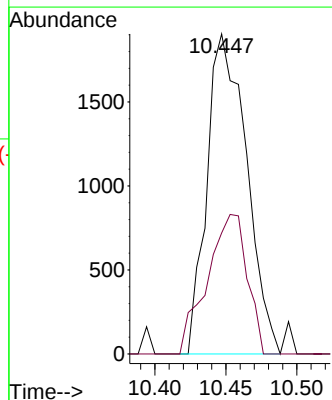
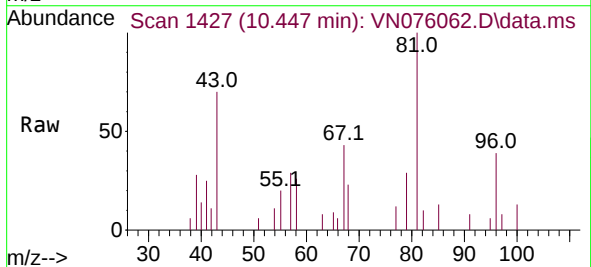
Instrument :
MSVOA_N
ClientSampleId :
MW-10DL

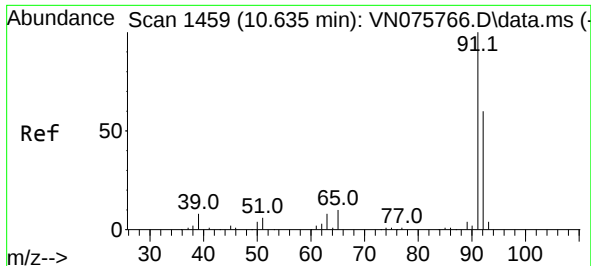
Tgt Ion: 98 Resp: 587252
Ion Ratio Lower Upper
98 100
100 66.3 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 1.081 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN076062.D
Acq: 03 Jan 2023 14:38

Tgt Ion: 43 Resp: 3687
Ion Ratio Lower Upper
43 100
58 44.1 35.5 53.3

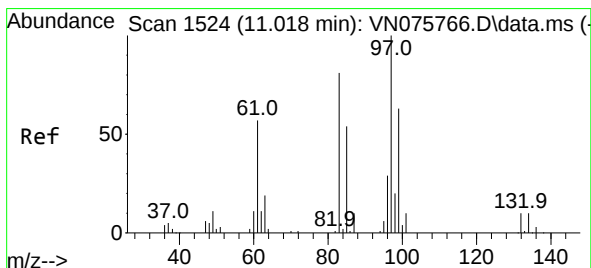
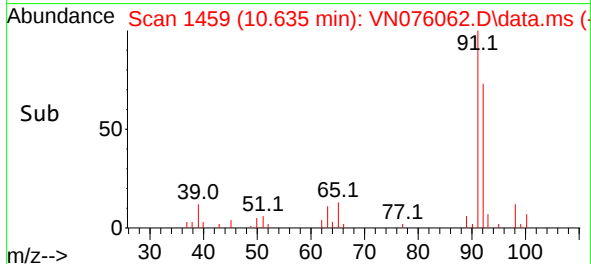
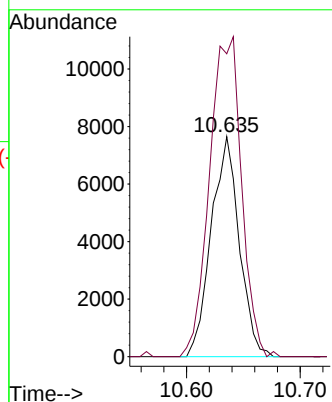
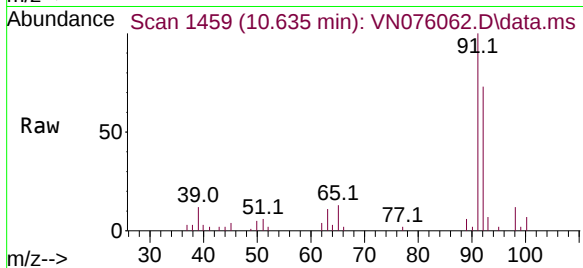




#52
Toluene
Concen: 1.535 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN076062.D
Acq: 03 Jan 2023 14:38

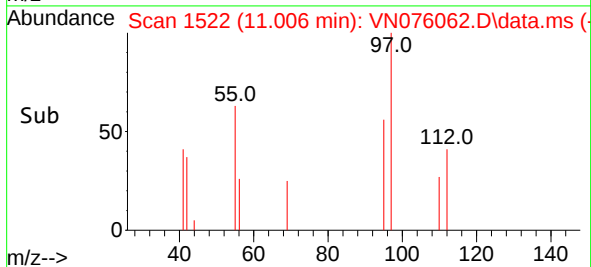
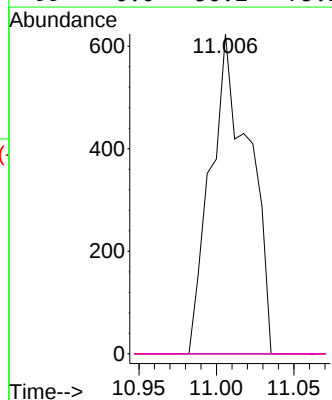
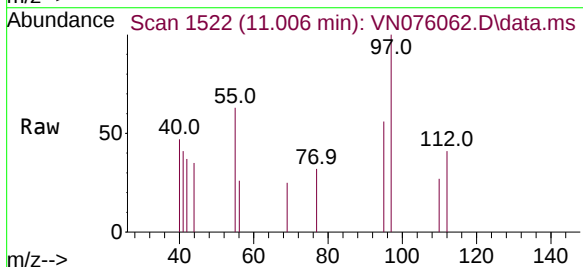
Instrument :
MSVOA_N
ClientSampleId :
MW-10DL

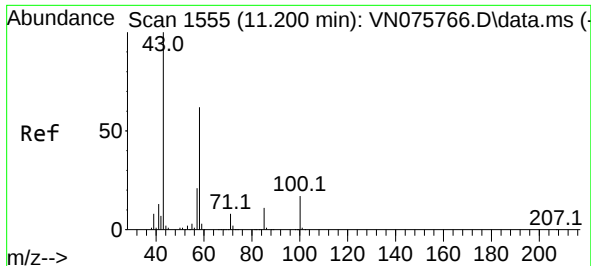
Tgt Ion: 92 Resp: 13119
Ion Ratio Lower Upper
92 100
91 166.0 137.3 205.9



#55
1,1,2-Trichloroethane
Concen: 0.321 ug/l
RT: 11.006 min Scan# 1522
Delta R.T. -0.012 min
Lab File: VN076062.D
Acq: 03 Jan 2023 14:38

Tgt Ion: 97 Resp: 1078
Ion Ratio Lower Upper
97 100
83 0.0 65.0 97.4#
85 0.0 43.0 64.6#
99 0.0 50.2 75.2#

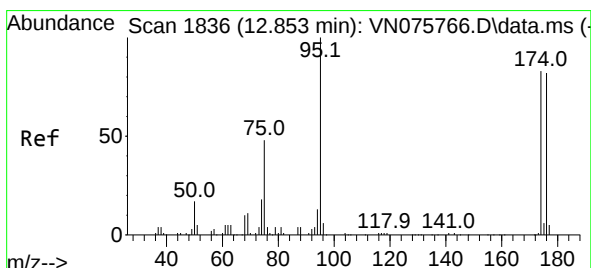
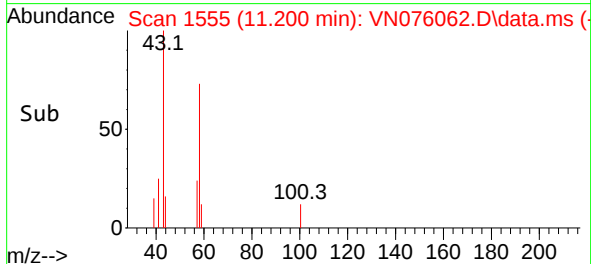
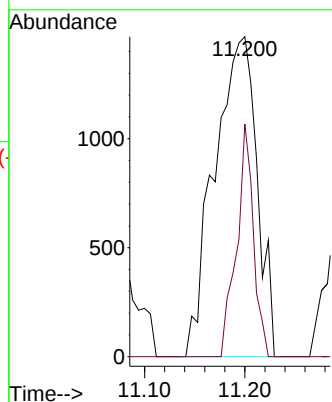
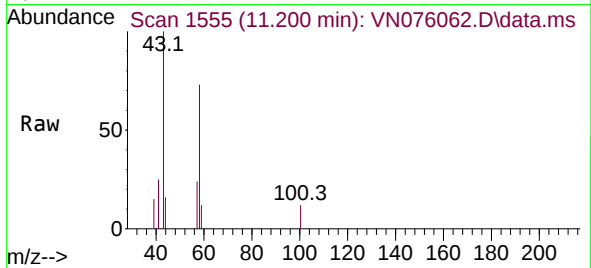




#59
2-Hexanone
Concen: 1.739 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076062.D
Acq: 03 Jan 2023 14:38

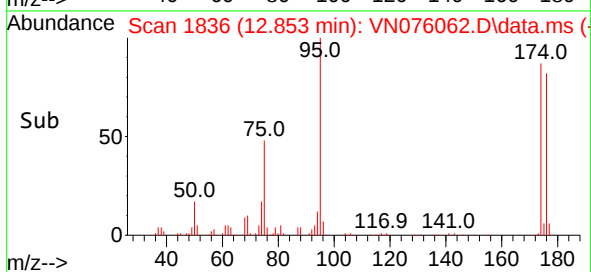
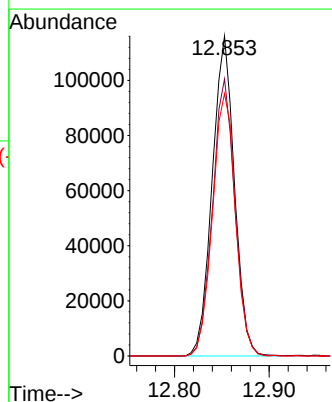
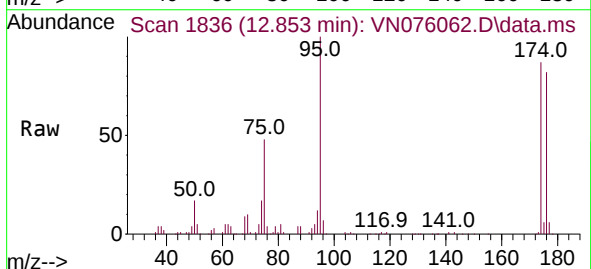
Instrument :
MSVOA_N
ClientSampleId :
MW-10DL

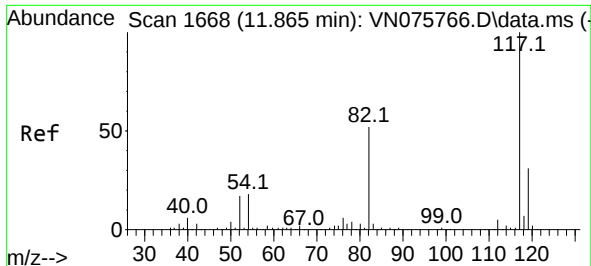
Tgt Ion: 43 Resp: 4324
Ion Ratio Lower Upper
43 100
58 28.7 30.6 92.0#



#62
4-Bromofluorobenzene
Concen: 47.575 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076062.D
Acq: 03 Jan 2023 14:38

Tgt Ion: 95 Resp: 188687
Ion Ratio Lower Upper
95 100
174 87.5 0.0 171.6
176 84.5 0.0 169.2

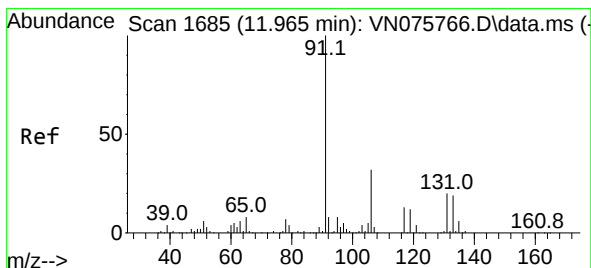
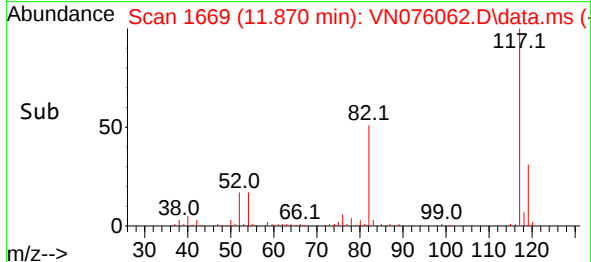
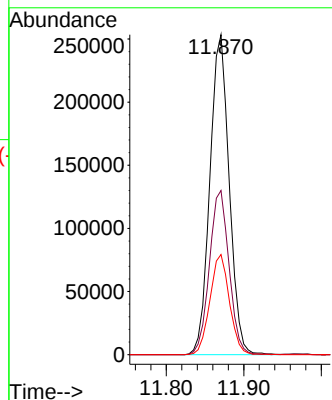
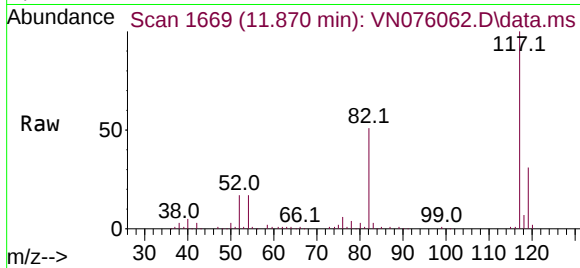




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076062.D
Acq: 03 Jan 2023 14:38

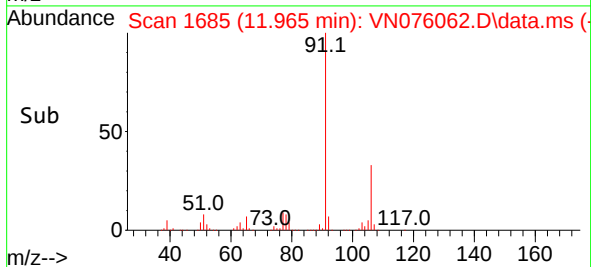
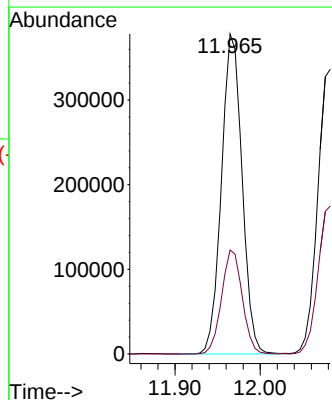
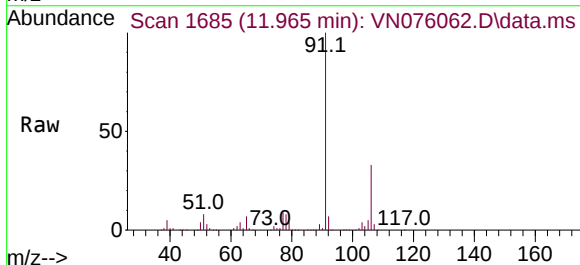
Instrument :
MSVOA_N
ClientSampleId :
MW-10DL

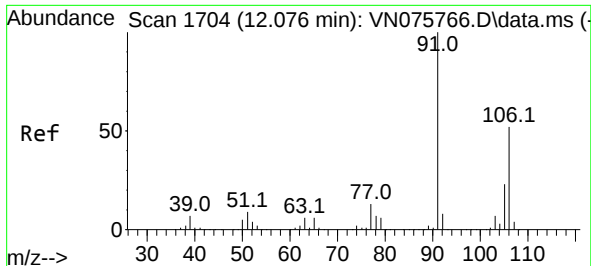
Tgt Ion:117 Resp: 438732
Ion Ratio Lower Upper
117 100
82 51.3 41.3 61.9
119 31.3 24.6 37.0



#67
Ethyl Benzene
Concen: 41.822 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076062.D
Acq: 03 Jan 2023 14:38

Tgt Ion: 91 Resp: 635606
Ion Ratio Lower Upper
91 100
106 32.5 25.7 38.5

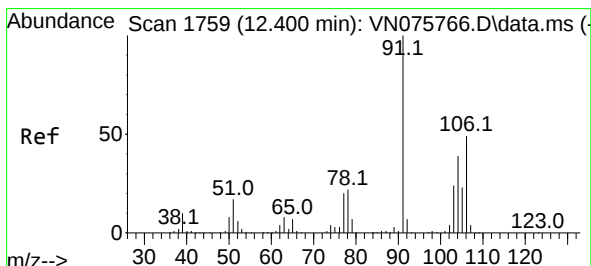
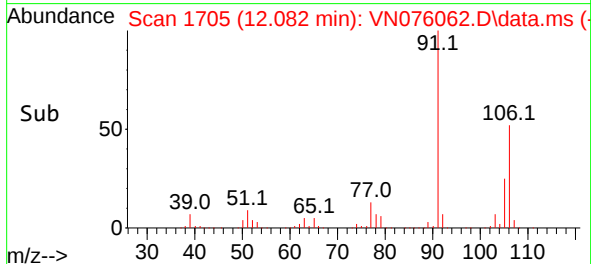
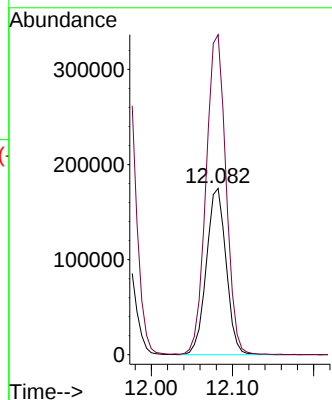
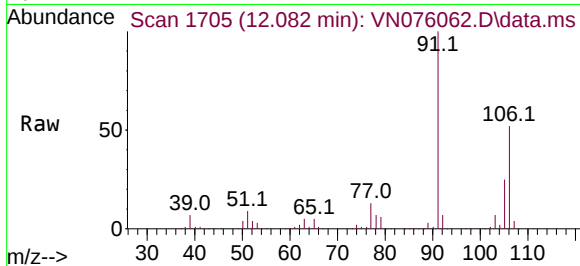




#68
m/p-Xylenes
Concen: 49.052 ug/l
RT: 12.082 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VN076062.D
Acq: 03 Jan 2023 14:38

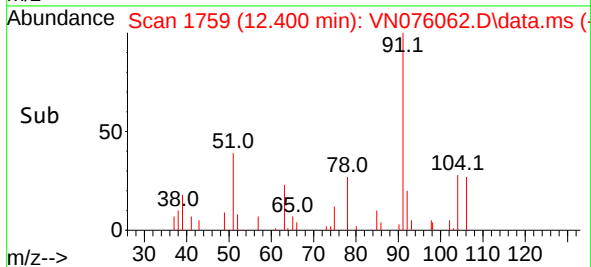
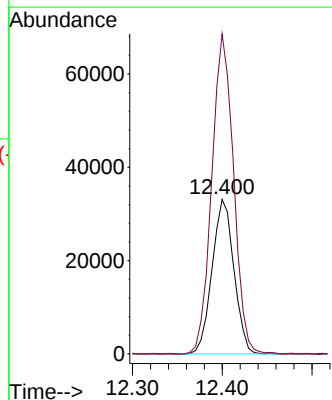
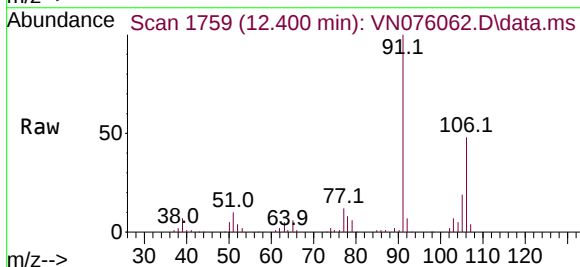
Instrument :
MSVOA_N
ClientSampleId :
MW-10DL

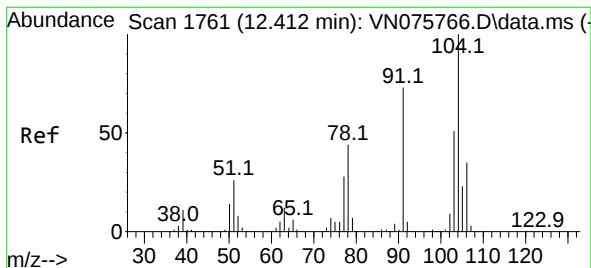
Tgt Ion:106 Resp: 295062
Ion Ratio Lower Upper
106 100
91 194.0 156.6 235.0



#69
o-Xylene
Concen: 9.404 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076062.D
Acq: 03 Jan 2023 14:38

Tgt Ion:106 Resp: 55983
Ion Ratio Lower Upper
106 100
91 206.7 103.8 311.6





#70

Styrene

Concen: 0.655 ug/l

RT: 12.412 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076062.D

Acq: 03 Jan 2023 14:38

Instrument :

MSVOA_N

ClientSampleId :

MW-10DL

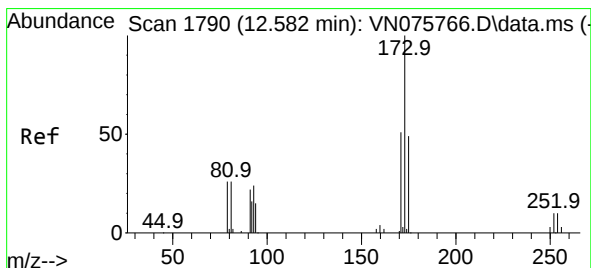
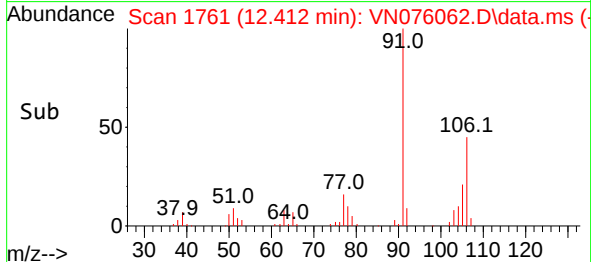
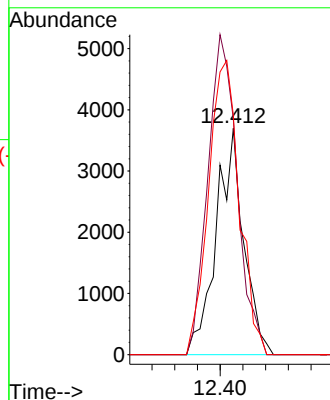
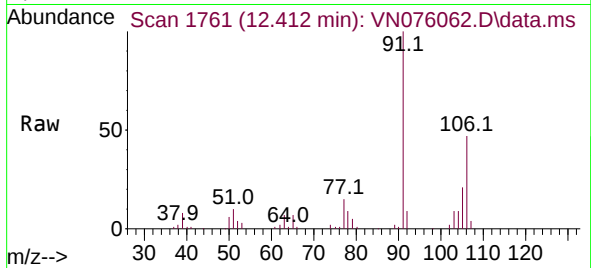
Tgt Ion:104 Resp: 6199

Ion Ratio Lower Upper

104 100

78 151.4 37.5 56.3#

103 146.6 43.5 65.3#



#71

Bromoform

Concen: 0.612 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. 0.265 min

Lab File: VN076062.D

Acq: 03 Jan 2023 14:38

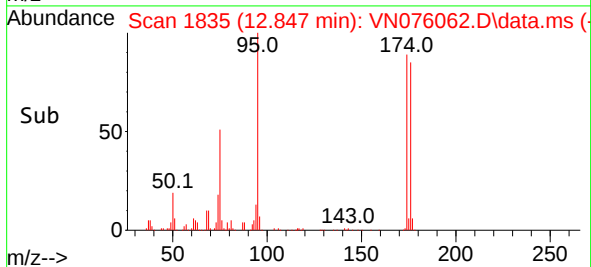
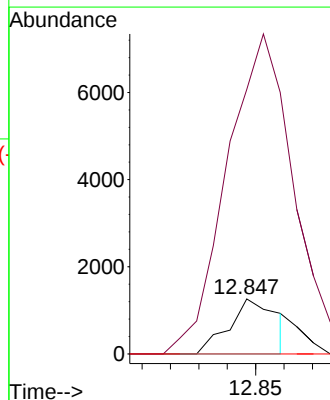
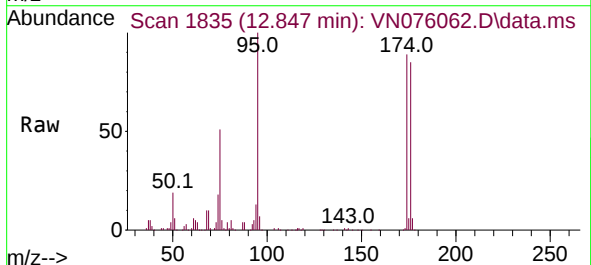
Tgt Ion:173 Resp: 1485

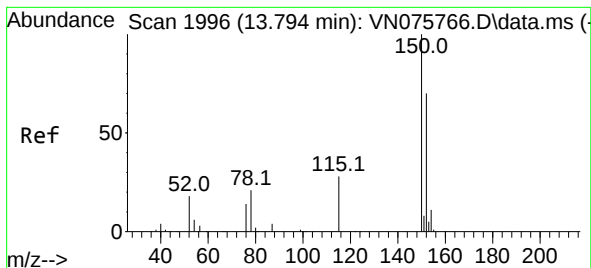
Ion Ratio Lower Upper

173 100

175 663.4 24.3 72.8#

254 0.0 0.0 0.0

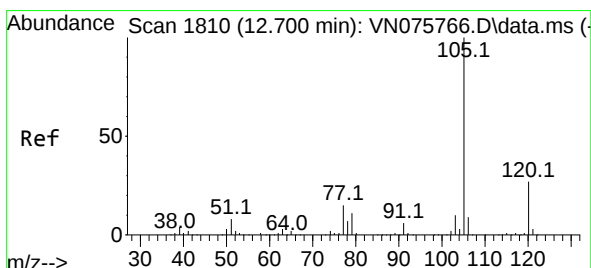
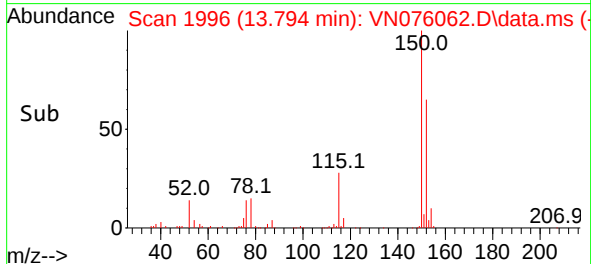
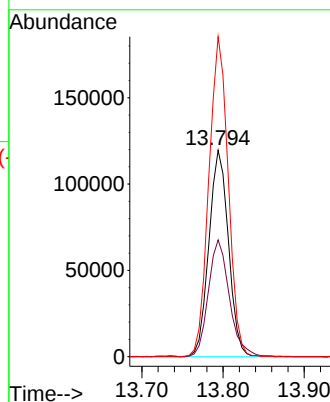
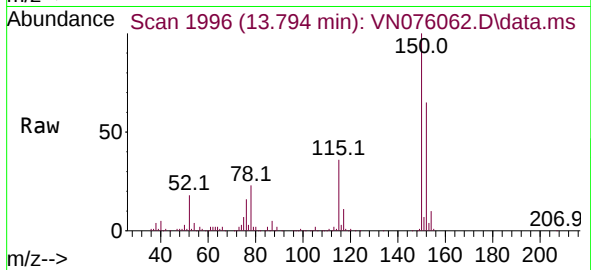




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076062.D
Acq: 03 Jan 2023 14:38

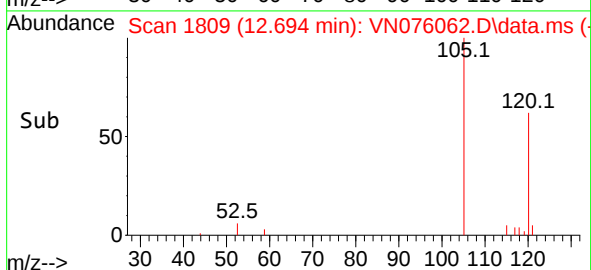
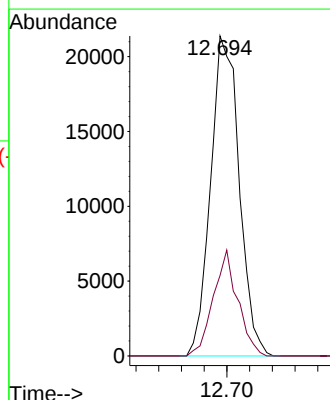
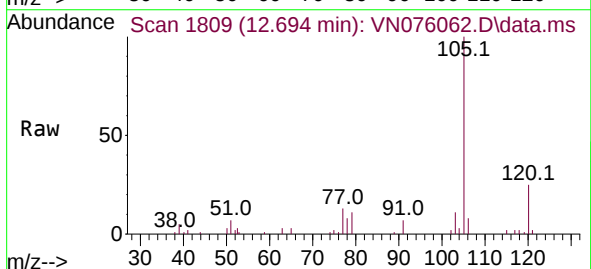
Instrument :
MSVOA_N
ClientSampleId :
MW-10DL

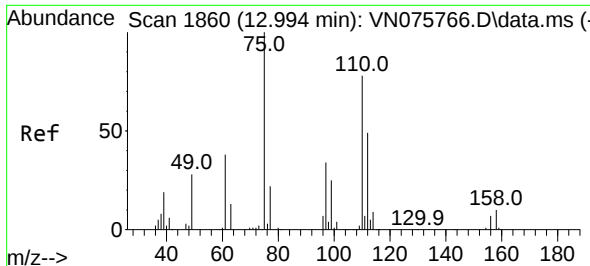
Tgt Ion:152 Resp: 199676
Ion Ratio Lower Upper
152 100
115 61.0 29.1 87.4
150 153.4 0.0 347.0



#73
Isopropylbenzene
Concen: 2.589 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN076062.D
Acq: 03 Jan 2023 14:38

Tgt Ion:105 Resp: 37360
Ion Ratio Lower Upper
105 100
120 28.3 13.4 40.2

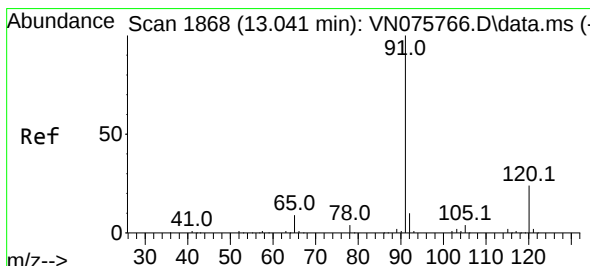
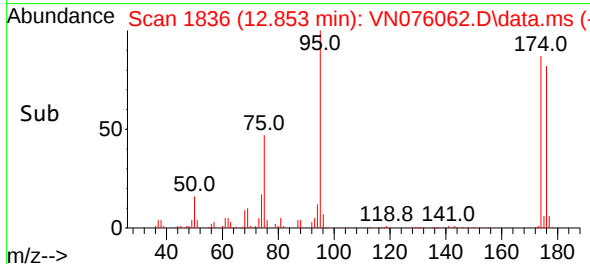
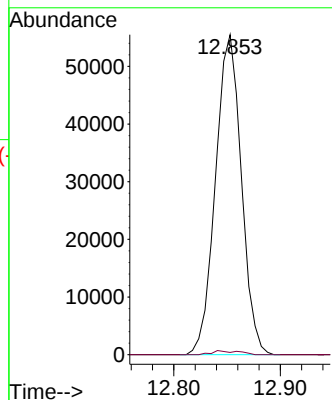
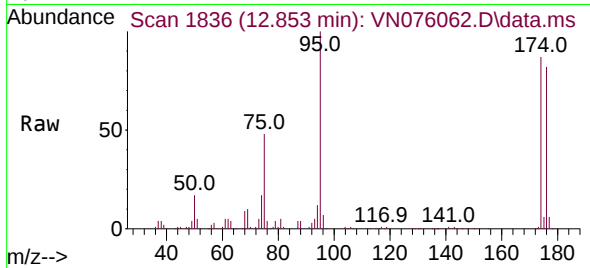




#76
1,2,3-Trichloropropane
Concen: 23.212 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN076062.D
Acq: 03 Jan 2023 14:38

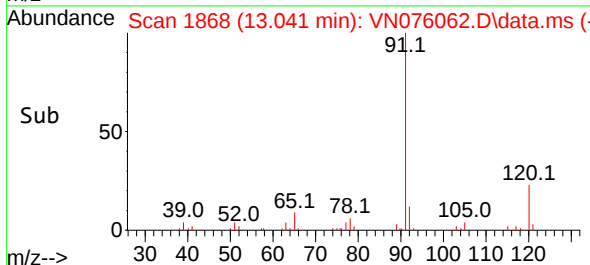
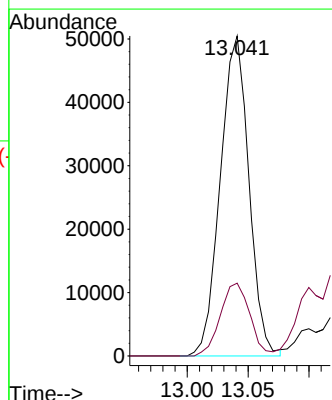
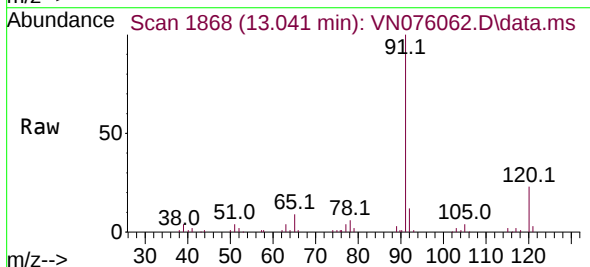
Instrument :
MSVOA_N
ClientSampleId :
MW-10DL

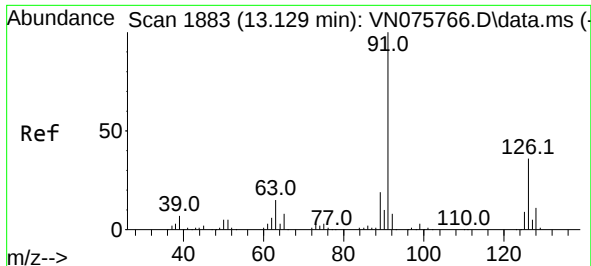
Tgt Ion: 75 Resp: 93426
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#



#78
n-propylbenzene
Concen: 5.178 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN076062.D
Acq: 03 Jan 2023 14:38

Tgt Ion: 91 Resp: 82414
Ion Ratio Lower Upper
91 100
120 23.5 12.0 36.1





#79

2-Chlorotoluene

Concen: 0.282 ug/l

RT: 13.223 min Scan# 1889

Delta R.T. 0.094 min

Lab File: VN076062.D

Acq: 03 Jan 2023 14:38

Instrument :

MSVOA_N

ClientSampleId :

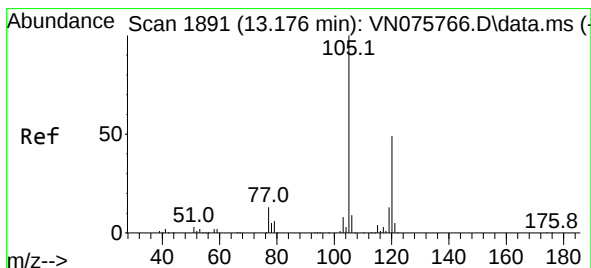
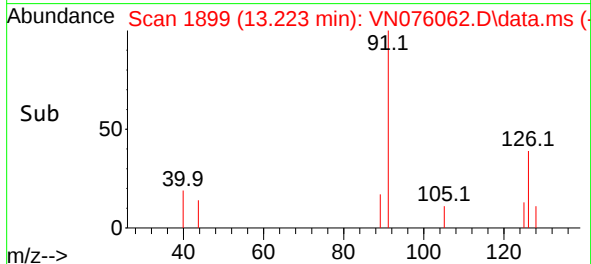
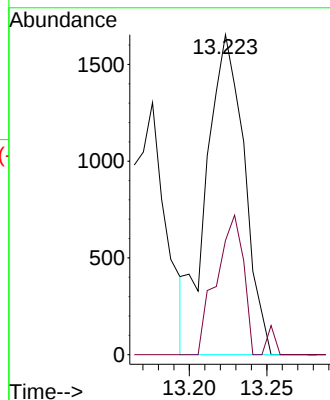
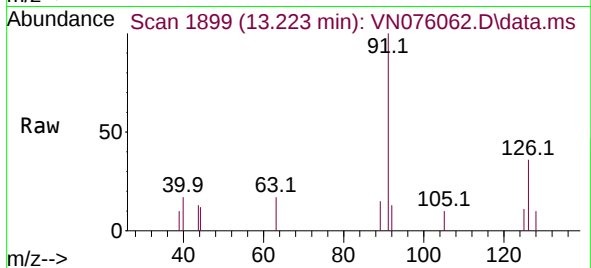
MW-10DL

Tgt Ion: 91 Resp: 2798

Ion Ratio Lower Upper

91 100

126 31.3 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 19.874 ug/l

RT: 13.135 min Scan# 1884

Delta R.T. -0.041 min

Lab File: VN076062.D

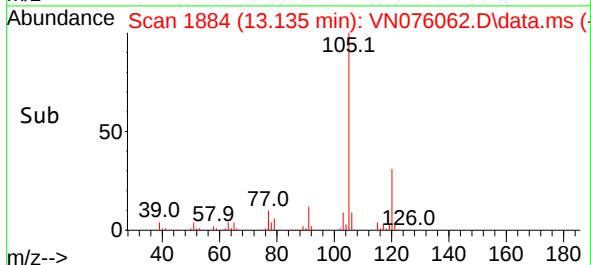
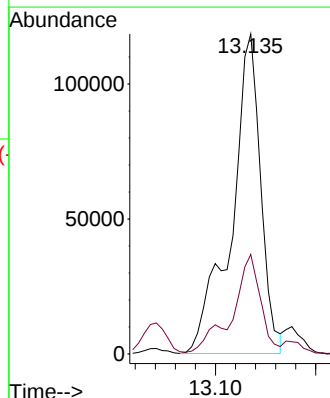
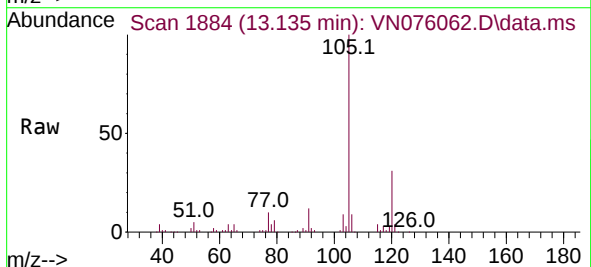
Acq: 03 Jan 2023 14:38

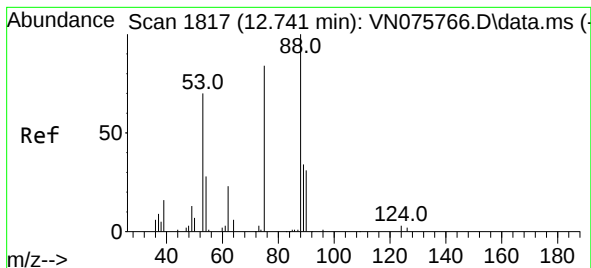
Tgt Ion:105 Resp: 240016

Ion Ratio Lower Upper

105 100

120 30.6 24.7 74.1

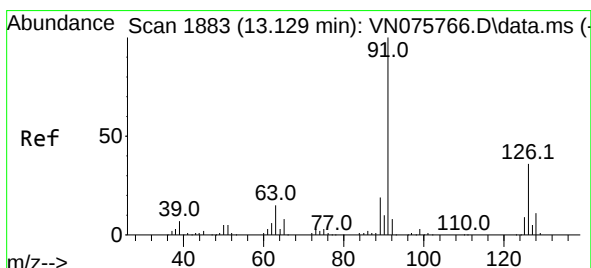
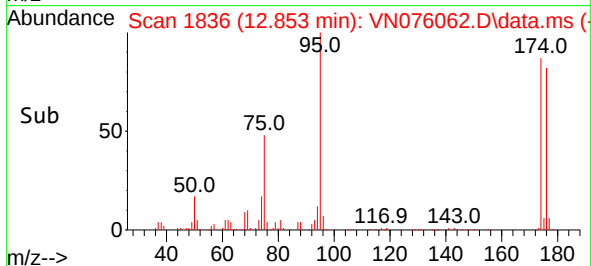
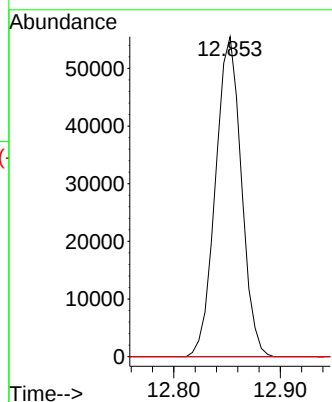
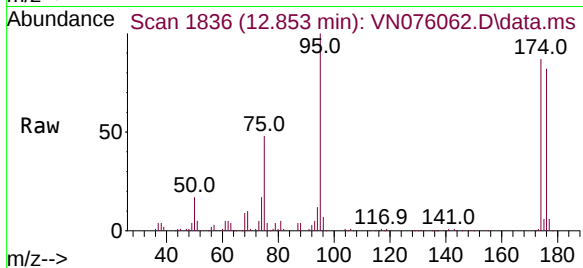




#81
trans-1,4-Dichloro-2-butene
Concen: 83.550 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN076062.D
Acq: 03 Jan 2023 14:38

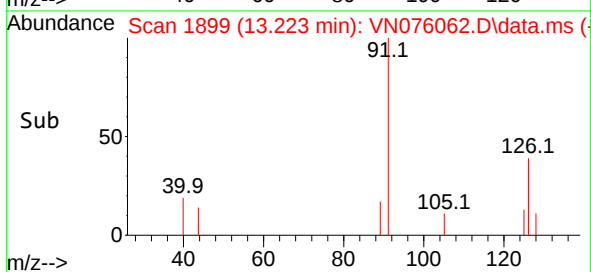
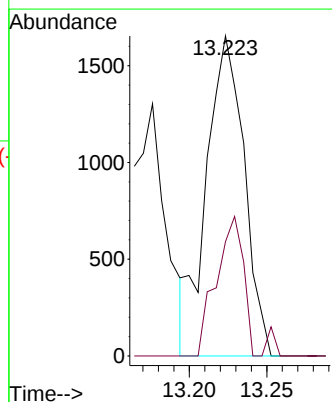
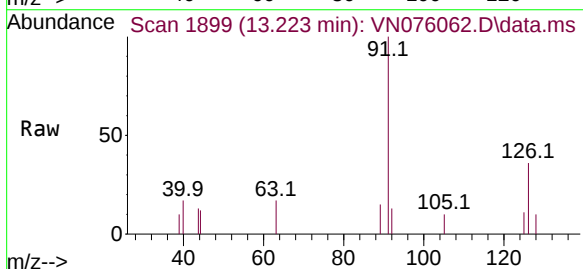
Instrument :
MSVOA_N
ClientSampleId :
MW-10DL

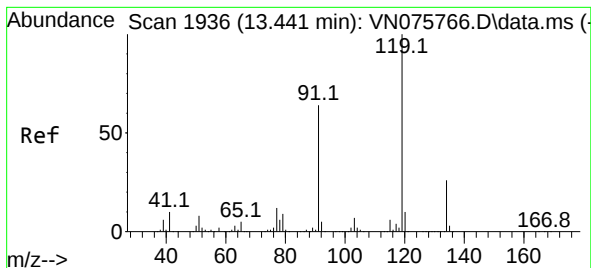
Tgt Ion: 75 Resp: 93426
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#82
4-Chlorotoluene
Concen: 0.282 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. 0.094 min
Lab File: VN076062.D
Acq: 03 Jan 2023 14:38

Tgt Ion: 91 Resp: 2798
Ion Ratio Lower Upper
91 100
126 31.3 17.5 52.5





#83

tert-Butylbenzene

Concen: 8.844 ug/l

RT: 13.488 min Scan# 1944

Delta R.T. 0.047 min

Lab File: VN076062.D

Acq: 03 Jan 2023 14:38

Instrument :

MSVOA_N

ClientSampleId :

MW-10DL

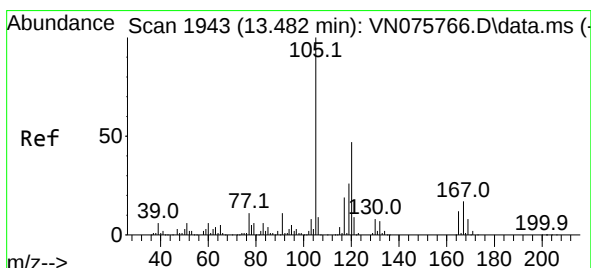
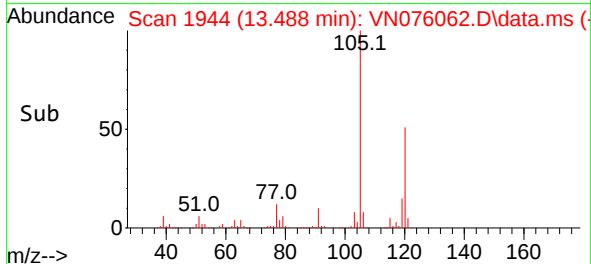
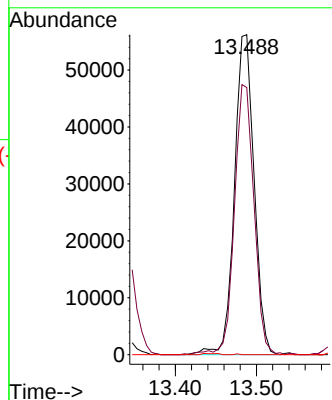
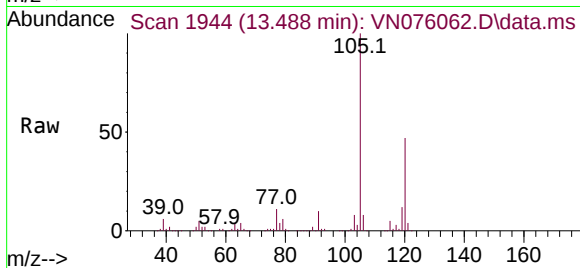
Tgt Ion:119 Resp: 94165

Ion Ratio Lower Upper

119 100

91 84.3 31.9 95.5

134 0.0 13.8 41.4#



#84

1,2,4-Trimethylbenzene

Concen: 62.649 ug/l

RT: 13.488 min Scan# 1944

Delta R.T. 0.006 min

Lab File: VN076062.D

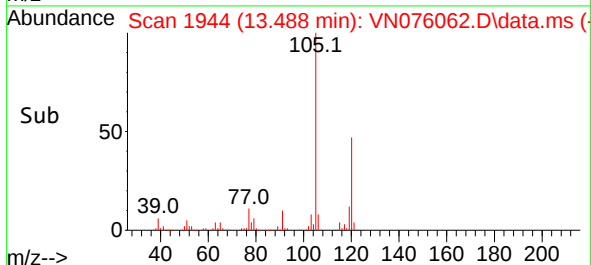
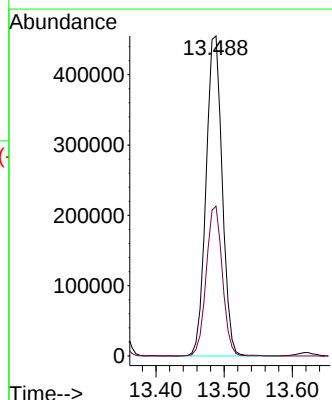
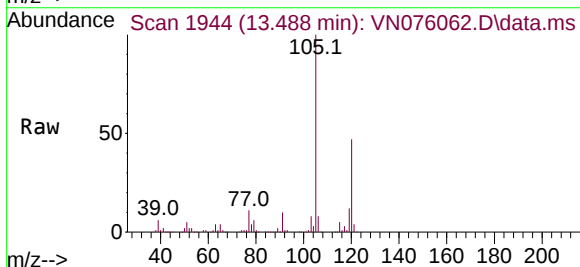
Acq: 03 Jan 2023 14:38

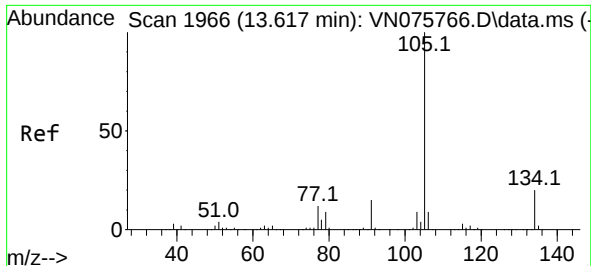
Tgt Ion:105 Resp: 750567

Ion Ratio Lower Upper

105 100

120 46.8 23.3 69.8

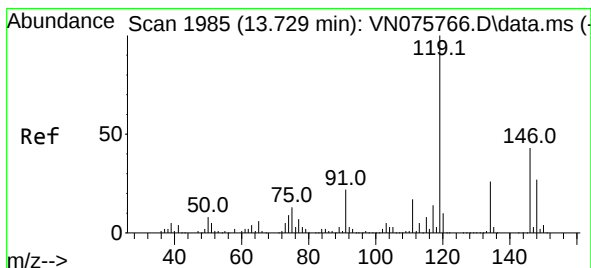
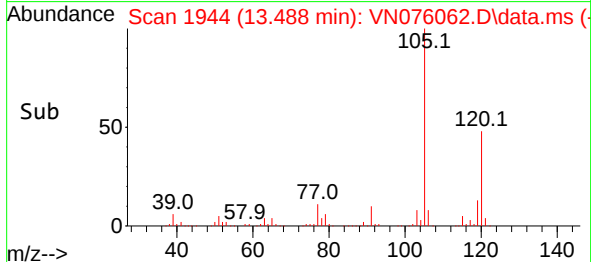
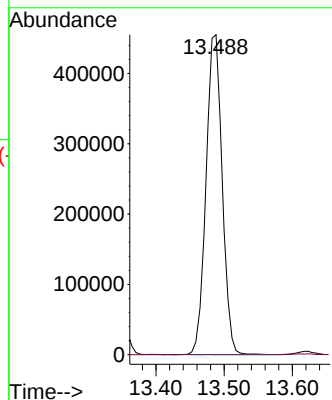
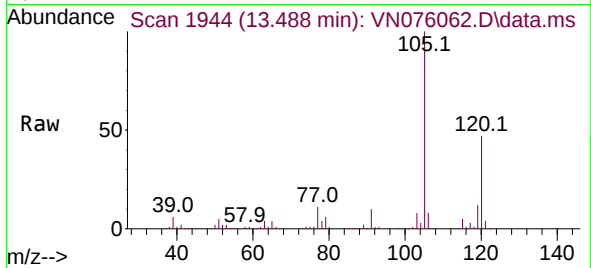




#85
 sec-Butylbenzene
 Concen: 51.071 ug/l
 RT: 13.488 min Scan# 1944
 Delta R.T. -0.129 min
 Lab File: VN076062.D
 Acq: 03 Jan 2023 14:38

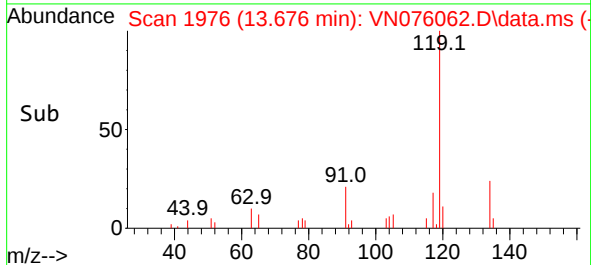
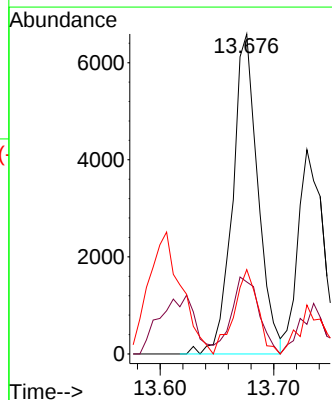
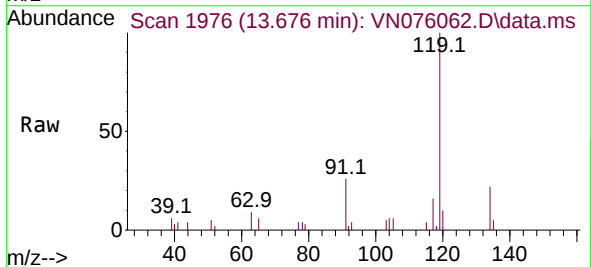
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-10DL

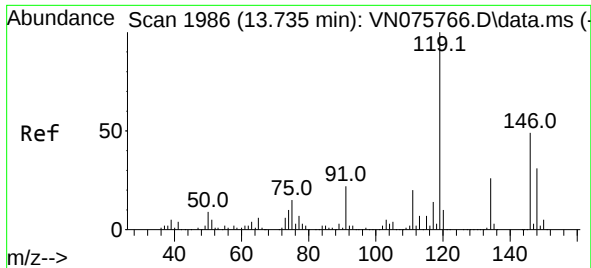
Tgt Ion:105 Resp: 750567
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.1#



#86
 p-Isopropyltoluene
 Concen: 0.836 ug/l
 RT: 13.676 min Scan# 1976
 Delta R.T. -0.053 min
 Lab File: VN076062.D
 Acq: 03 Jan 2023 14:38

Tgt Ion:119 Resp: 10222
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 24.7 11.2 33.6

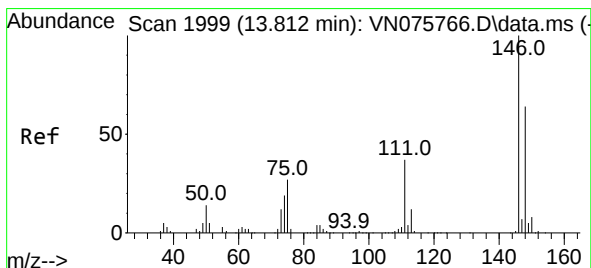
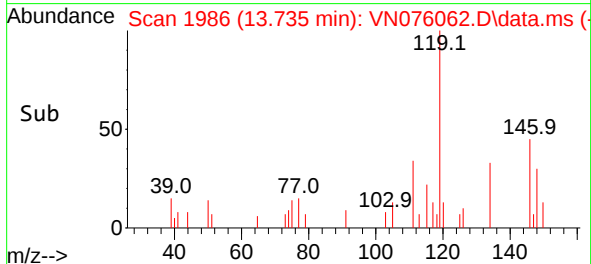
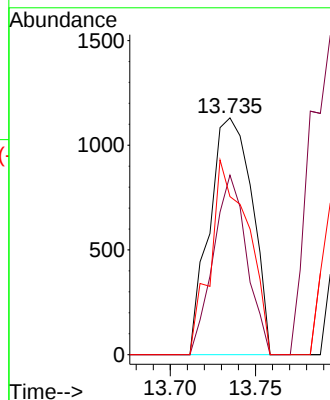
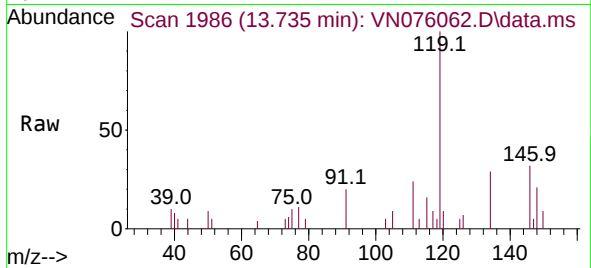




#87
1,3-Dichlorobenzene
Concen: 0.292 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN076062.D
Acq: 03 Jan 2023 14:38

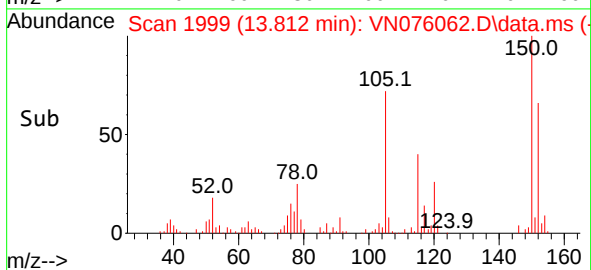
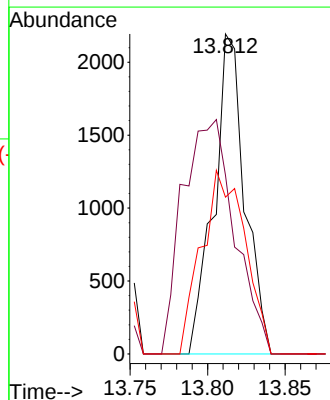
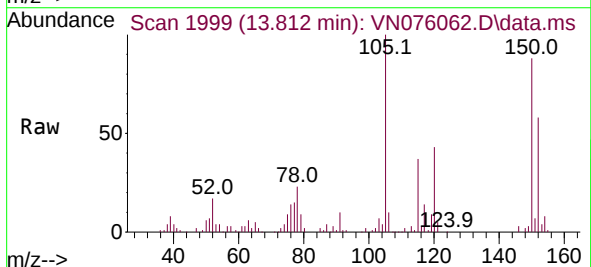
Instrument :
MSVOA_N
ClientSampleId :
MW-10DL

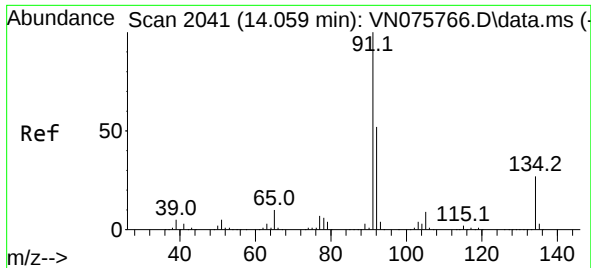
Tgt Ion:146 Resp: 1969
Ion Ratio Lower Upper
146 100
111 59.6 19.7 59.0#
148 72.2 31.4 94.2



#88
1,4-Dichlorobenzene
Concen: 0.442 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN076062.D
Acq: 03 Jan 2023 14:38

Tgt Ion:146 Resp: 3045
Ion Ratio Lower Upper
146 100
111 123.0 19.1 57.1#
148 80.7 32.0 96.2

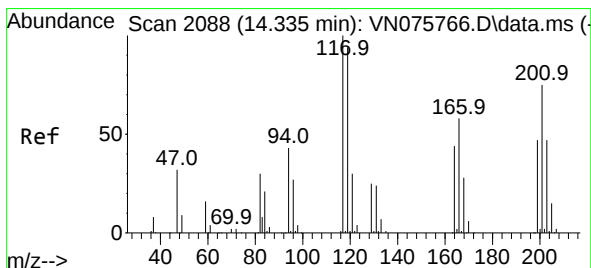
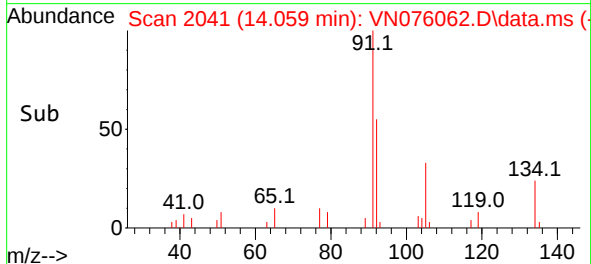
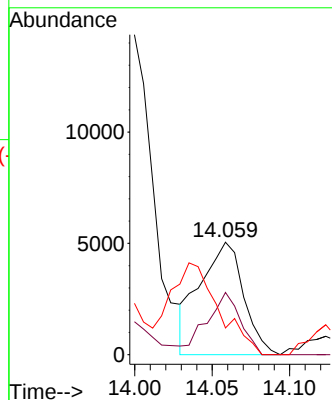
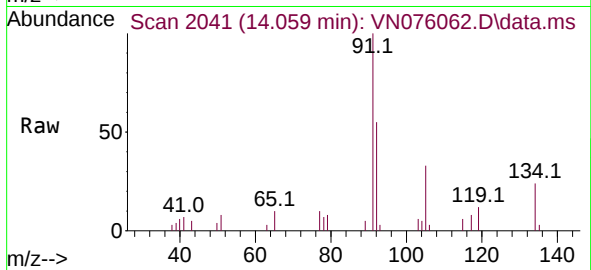




#89
n-Butylbenzene
Concen: 1.003 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076062.D
Acq: 03 Jan 2023 14:38

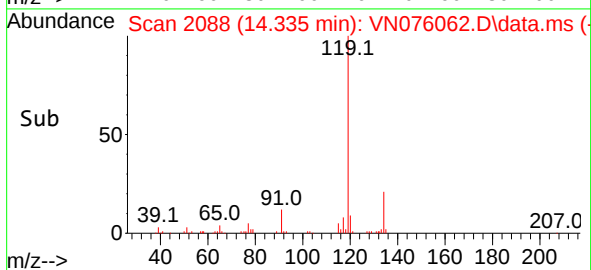
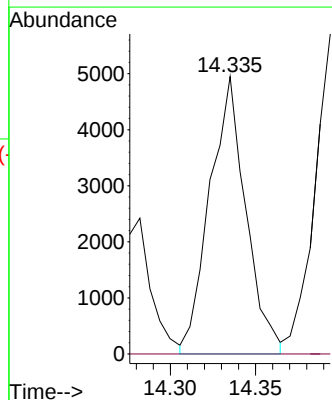
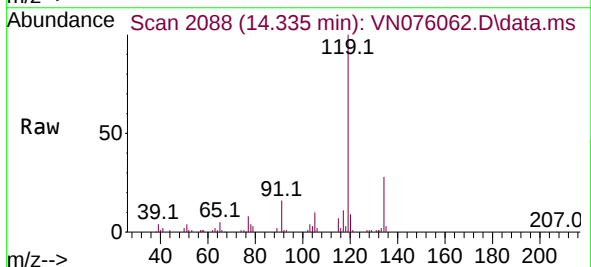
Instrument :
MSVOA_N
ClientSampleId :
MW-10DL

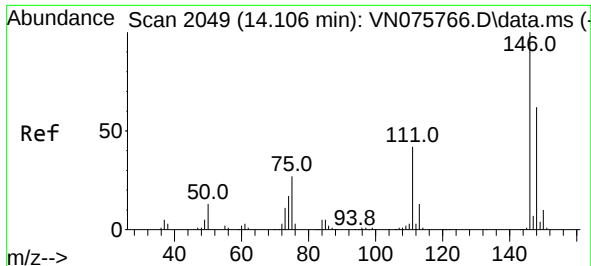
Tgt Ion: 91 Resp: 9932
Ion Ratio Lower Upper
91 100
92 42.5 26.4 79.2
134 0.0 13.4 40.2#



#90
Hexachloroethane
Concen: 3.335 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN076062.D
Acq: 03 Jan 2023 14:38

Tgt Ion: 117 Resp: 7296
Ion Ratio Lower Upper
117 100
201 0.0 38.0 114.1#





#91

1,2-Dichlorobenzene

Concen: 0.332 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN076062.D

Acq: 03 Jan 2023 14:38

Instrument :

MSVOA_N

ClientSampleId :

MW-10DL

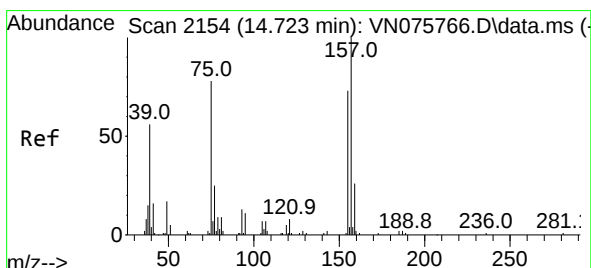
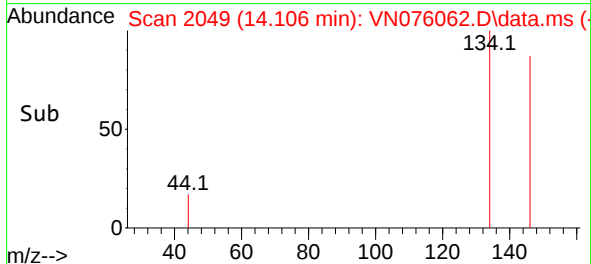
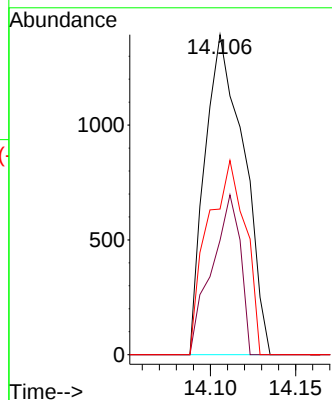
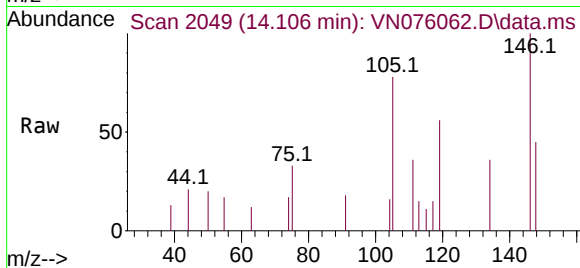
Tgt Ion:146 Resp: 2205

Ion Ratio Lower Upper

146 100

111 36.7 20.3 61.0

148 59.0 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.465 ug/l

RT: 14.688 min Scan# 2148

Delta R.T. -0.035 min

Lab File: VN076062.D

Acq: 03 Jan 2023 14:38

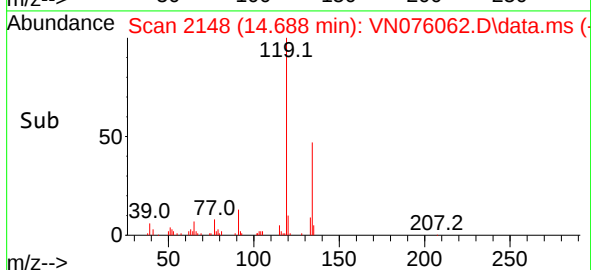
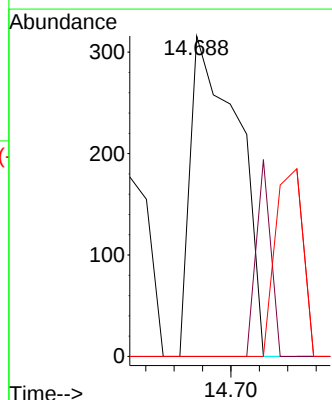
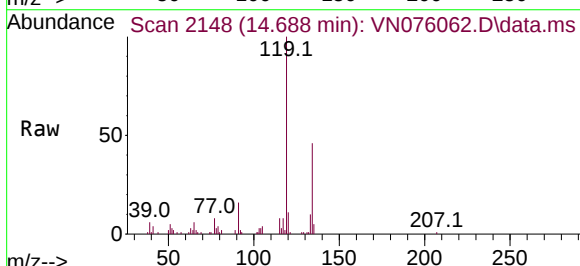
Tgt Ion: 75 Resp: 368

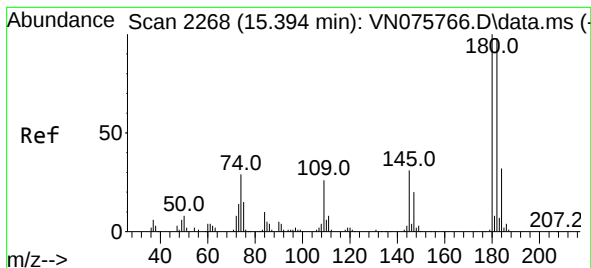
Ion Ratio Lower Upper

75 100

155 0.0 49.3 147.8#

157 0.0 63.7 191.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.905 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN076062.D

Acq: 03 Jan 2023 14:38

Instrument :

MSVOA_N

ClientSampleId :

MW-10DL

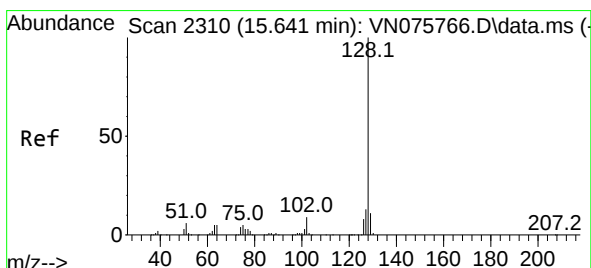
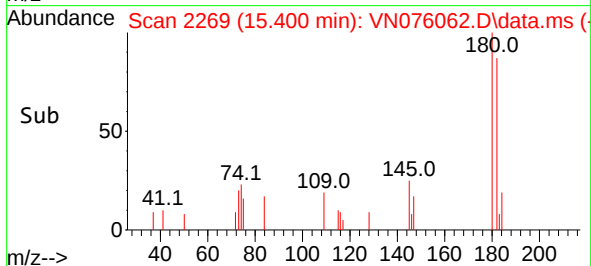
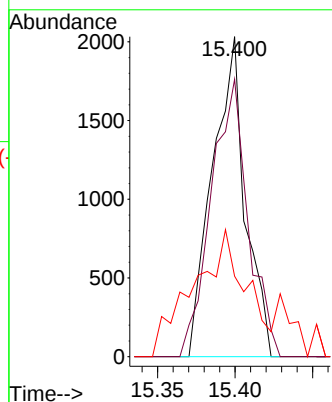
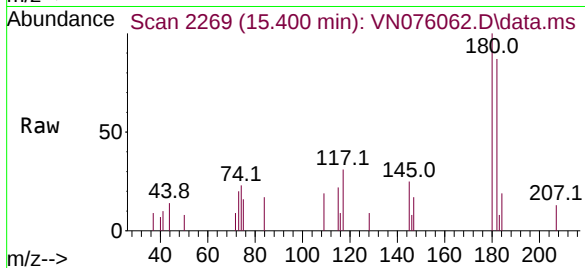
Tgt Ion:180 Resp: 2976

Ion Ratio Lower Upper

180 100

182 97.8 47.5 142.5

145 64.3 15.3 45.8#



#95

Naphthalene

Concen: 11.790 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN076062.D

Acq: 03 Jan 2023 14:38

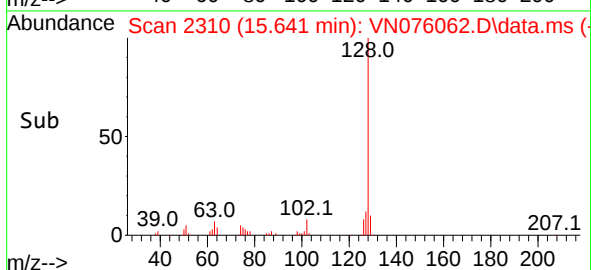
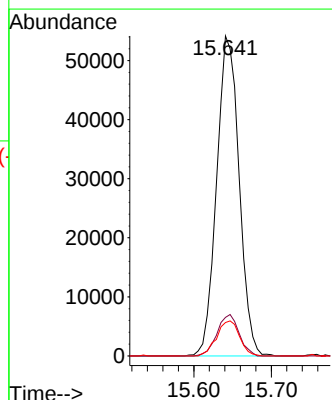
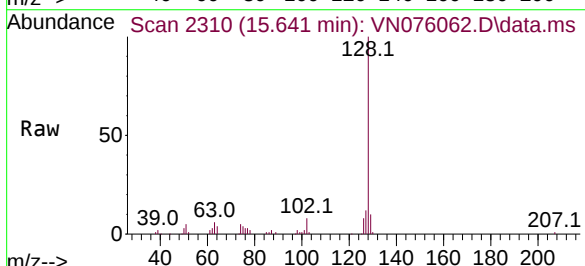
Tgt Ion:128 Resp: 109212

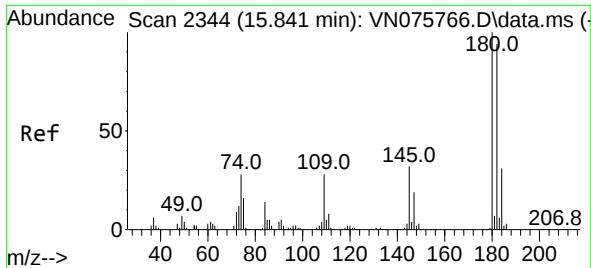
Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

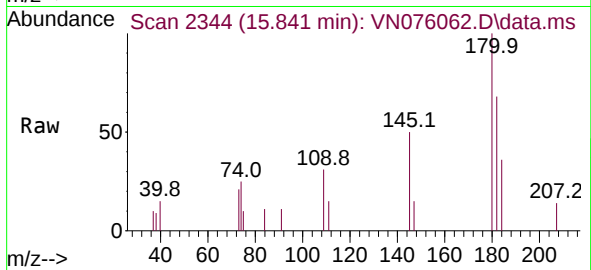
129 11.2 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.193 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN076062.D
 Acq: 03 Jan 2023 14:38

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-10DL



Tgt Ion:	180	Resp:	3669
Ion	Ratio	Lower	Upper
180	100		
182	78.8	47.0	141.0
145	37.6	16.0	47.9

