

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083122\
 Data File : VN074211.D
 Acq On : 31 Aug 2022 13:56
 Operator : JC\MD
 Sample : N4447-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 01 00:24:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	192835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	362925	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	365822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	212917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	152424	50.955	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.900%			
35) Dibromofluoromethane	7.951	113	127057	53.801	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.600%			
50) Toluene-d8	10.380	98	444662	47.811	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.620%			
62) 4-Bromofluorobenzene	12.669	95	196319	69.412	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 138.820%#			
Target Compounds						
					Qvalue	
3) Chloromethane	2.263	50	945	0.336	ug/l #	79
6) Chloroethane	2.922	64	987	Below Cal	#	42
11) Tert butyl alcohol	5.287	59	862589	1316.713	ug/l	99
13) Acrolein	4.087	56	158	0.239	ug/l #	63
14) Allyl chloride	4.728	41	1751	0.347	ug/l #	41
16) Acetone	4.228	43	37172	18.597	ug/l	99
17) Carbon Disulfide	4.463	76	29413	4.571	ug/l	99
18) Methyl Acetate	4.787	43	1336	Below Cal		95
20) Methylene Chloride	5.010	84	279	Below Cal	#	69
25) 2-Butanone	7.269	43	44863	14.030	ug/l	93
26) 2,2-Dichloropropane	7.228	77	6679	2.301	ug/l #	55
28) Bromochloromethane	7.575	49	84	Below Cal	#	8
29) Tetrahydrofuran	7.622	42	656	0.322	ug/l #	29
31) Cyclohexane	8.010	56	11513	2.329	ug/l #	59
36) 1,1-Dichloropropene	8.016	75	19616	5.119	ug/l #	49
37) Ethyl Acetate	7.269	43	44863	7.001	ug/l #	67
38) Carbon Tetrachloride	8.016	117	21742	6.247	ug/l #	17
39) Methylcyclohexane	9.398	83	23781	5.287	ug/l	92
40) Benzene	8.392	78	23746	1.974	ug/l #	88
41) Methacrylonitrile	7.575	41	918	0.310	ug/l #	28
43) Isopropyl Acetate	8.463	43	25790	2.994	ug/l #	80
45) 1,2-Dichloropropane	9.410	63	3543	1.091	ug/l #	1
48) Methyl methacrylate	9.469	41	3123	0.763	ug/l #	32
49) 1,4-Dioxane	9.510	88	2078	23.538	ug/l #	86
51) 4-Methyl-2-Pentanone	10.275	43	87028	13.920	ug/l	88
52) Toluene	10.445	92	5454	0.769	ug/l	94
55) 1,1,2-Trichloroethane	10.816	97	8551	2.788	ug/l #	19
56) Ethyl methacrylate	10.722	69	4997	1.075	ug/l #	1
59) 2-Hexanone	10.998	43	307844	64.882	ug/l #	22
67) Ethyl Benzene	11.786	91	578115	39.134	ug/l	100
68) m/p-Xylenes	11.886	106	1238933	225.759	ug/l	95
69) o-Xylene	12.216	106	29630	5.419	ug/l	99
70) Styrene	12.233	104	6568	0.754	ug/l #	26
73) Isopropylbenzene	12.516	105	212337	11.645	ug/l	98
74) N-amyl acetate	12.304	43	22238	2.156	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.786	83	5254	0.695	ug/l #	25

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

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

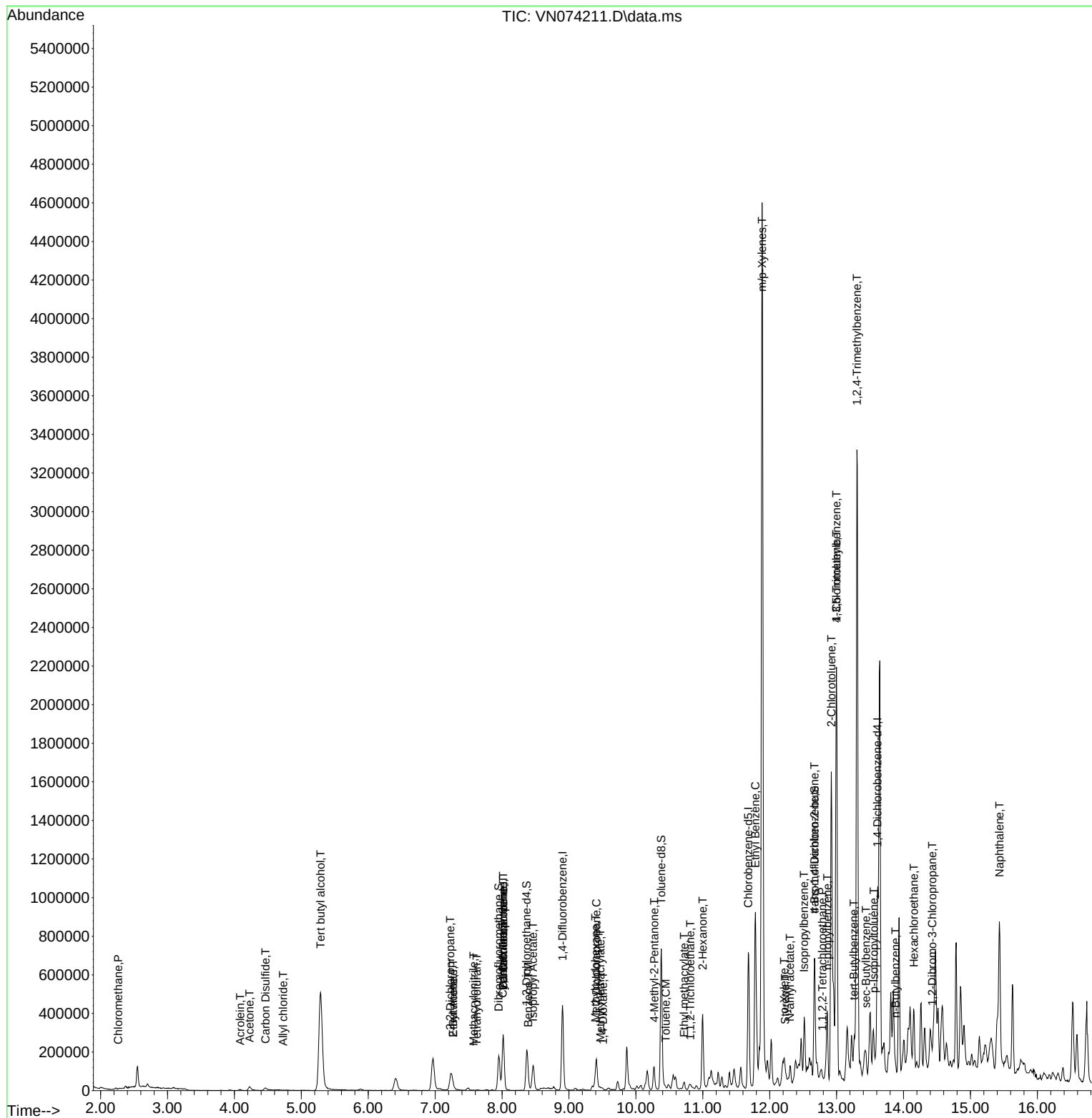
76) 1,2,3-Trichloropropane	12.927	75	10336	Below Cal	#	1
78) n-propylbenzene	12.863	91	285063	13.715	ug/l	95
79) 2-Chlorotoluene	12.921	91	152871	12.008	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.998	105	979846	66.074	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.669	75	112192	54.694	ug/l #	11
82) 4-Chlorotoluene	12.998	91	106612	8.654	ug/l #	40
83) tert-Butylbenzene	13.257	119	37596	2.964	ug/l	94
84) 1,2,4-Trimethylbenzene	13.304	105	1732987	121.085	ug/l	100
85) sec-Butylbenzene	13.439	105	56190	3.158	ug/l #	51
86) p-Isopropyltoluene	13.557	119	67972	4.909	ug/l	99
89) n-Butylbenzene	13.880	91	27306	2.264	ug/l #	68
90) Hexachloroethane	14.157	117	12481	4.372	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.427	75	562	0.372	ug/l	65
95) Naphthalene	15.433	128	674155	41.917	ug/l	99

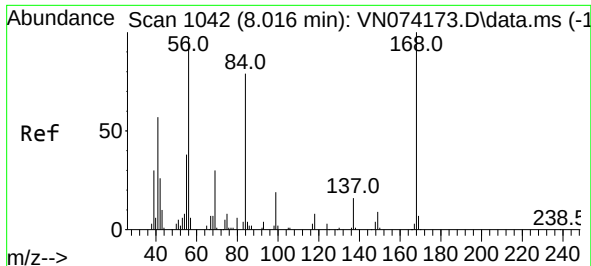
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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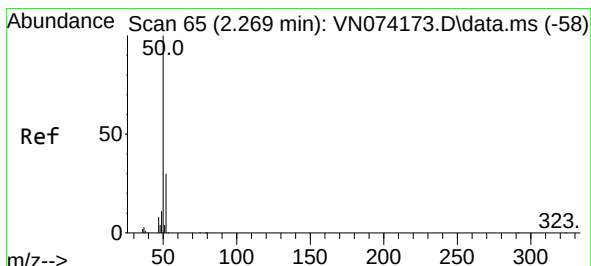
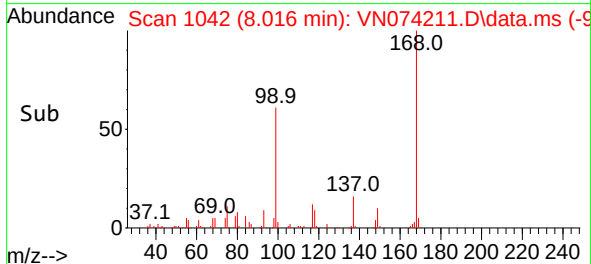
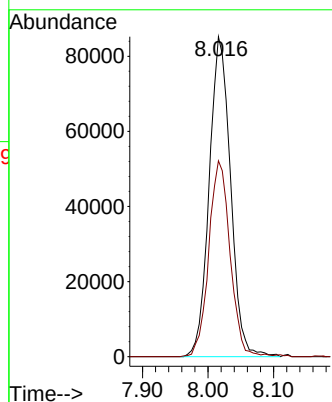
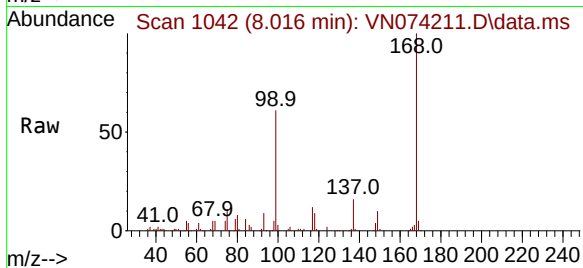




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074211.D
Acq: 31 Aug 2022 13:56

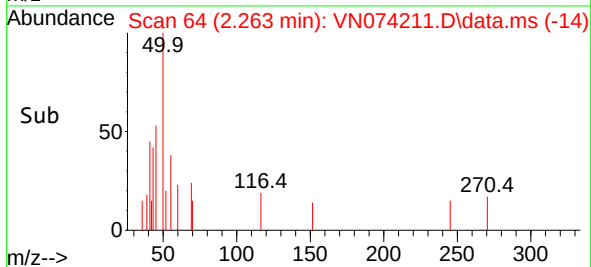
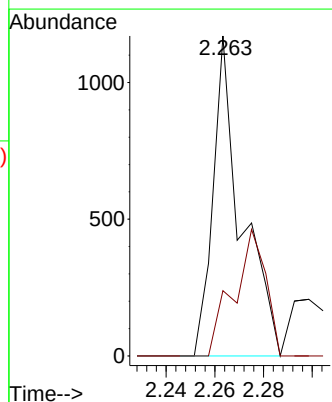
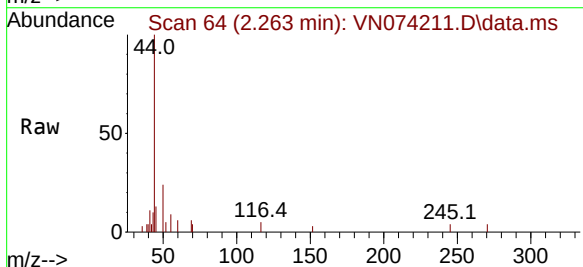
Instrument :
MSVOA_N
ClientSampleId :

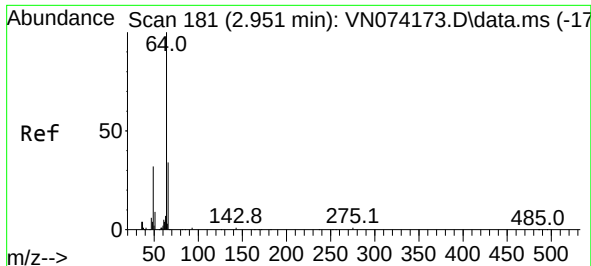
Tgt Ion:168 Resp: 192835
Ion Ratio Lower Upper
168 100
99 61.2 42.3 63.5



#3
Chloromethane
Concen: 0.336 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN074211.D
Acq: 31 Aug 2022 13:56

Tgt Ion: 50 Resp: 945
Ion Ratio Lower Upper
50 100
52 20.4 25.7 38.5#

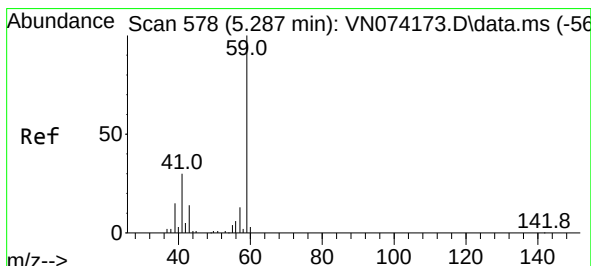
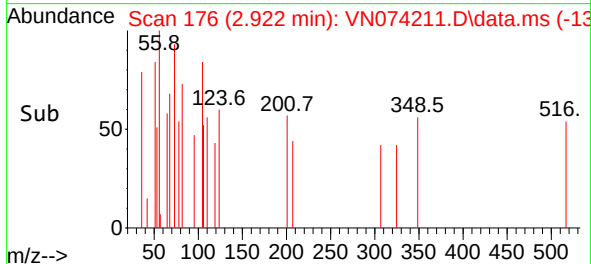
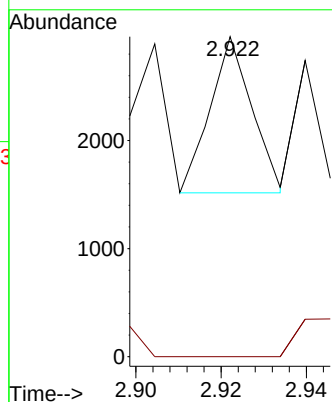
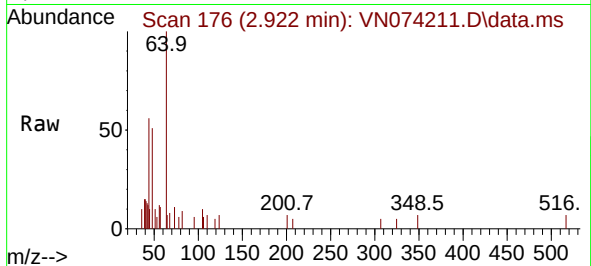




#6
Chloroethane
Concen: Below Cal
RT: 2.922 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN074211.D
Acq: 31 Aug 2022 13:56

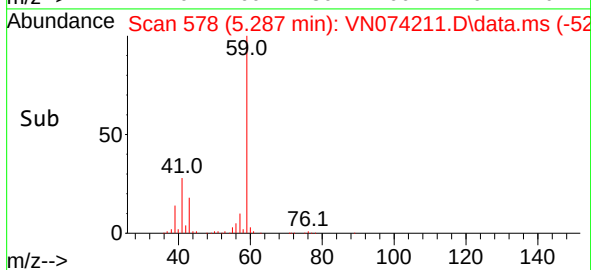
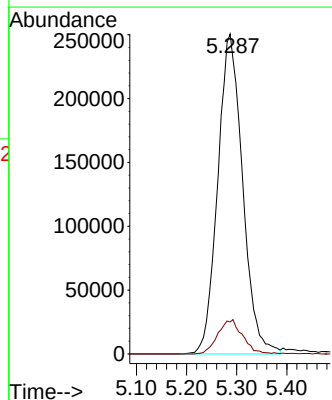
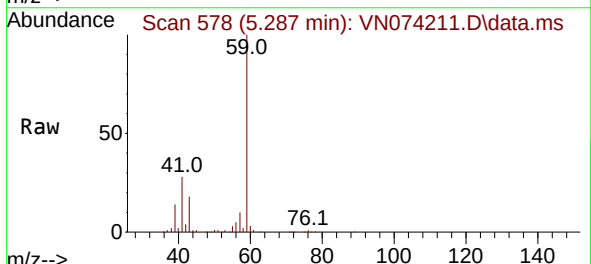
Instrument :
MSVOA_N
ClientSampleId :

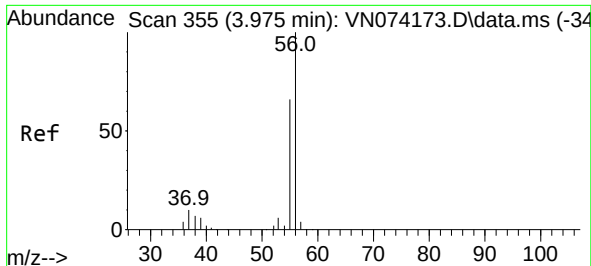
Tgt Ion: 64 Resp: 987
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 1316.713 ug/l
RT: 5.287 min Scan# 578
Delta R.T. -0.000 min
Lab File: VN074211.D
Acq: 31 Aug 2022 13:56

Tgt Ion: 59 Resp: 862589
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5





#13

Acrolein

Concen: 0.239 ug/l

RT: 4.087 min Scan# 31

Delta R.T. 0.112 min

Lab File: VN074211.D

Acq: 31 Aug 2022 13:56

Instrument :

MSVOA_N

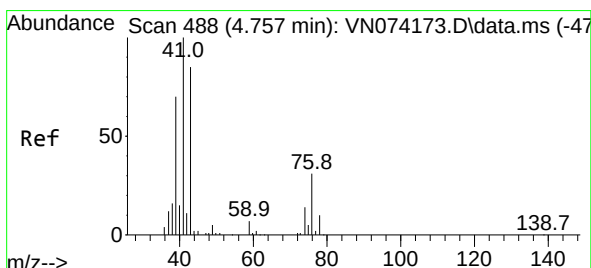
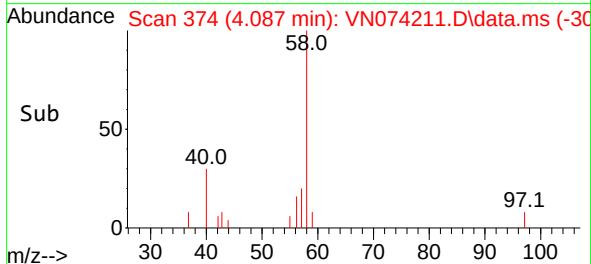
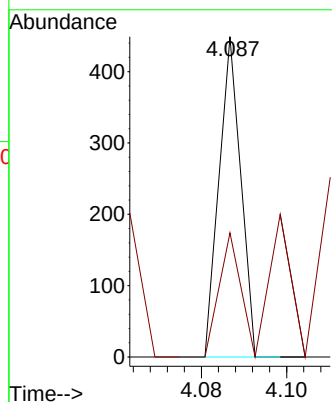
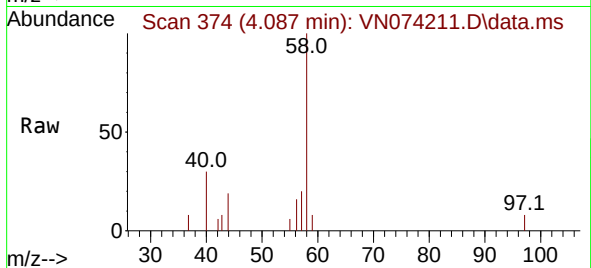
ClientSampleId :

Tgt Ion: 56 Resp: 158

Ion Ratio Lower Upper

56 100

55 38.6 54.8 82.2#



#14

Allyl chloride

Concen: 0.347 ug/l

RT: 4.728 min Scan# 483

Delta R.T. -0.029 min

Lab File: VN074211.D

Acq: 31 Aug 2022 13:56

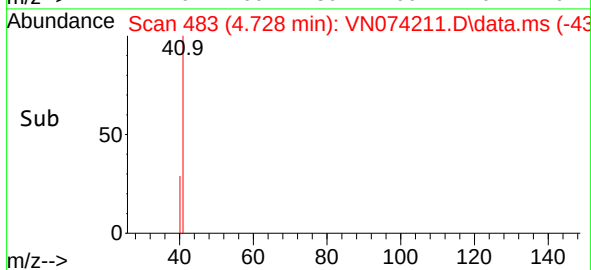
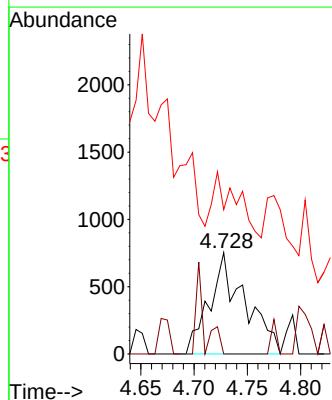
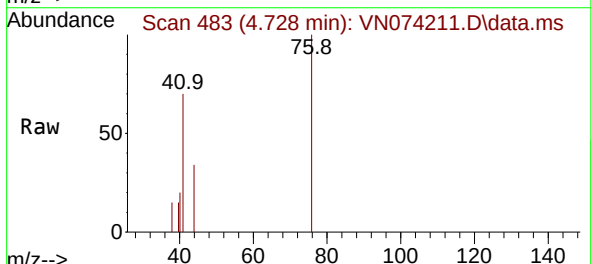
Tgt Ion: 41 Resp: 1751

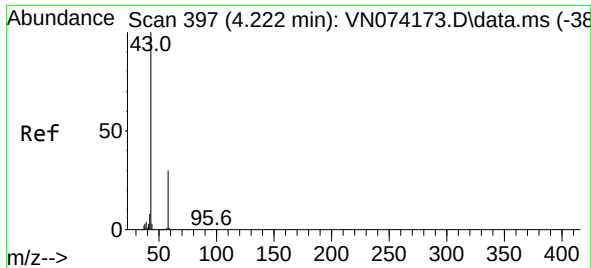
Ion Ratio Lower Upper

41 100

39 0.0 53.2 79.8#

76 46.1 29.9 44.9#

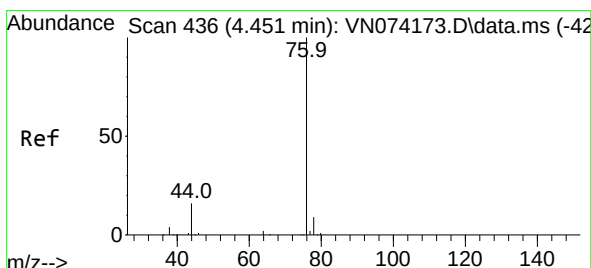
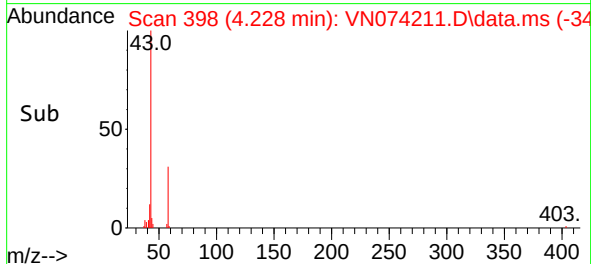
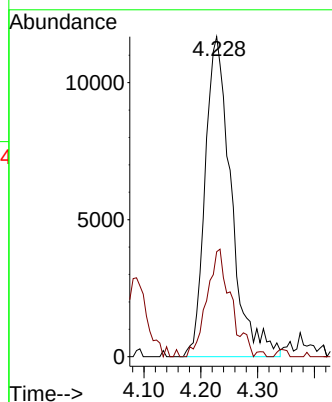
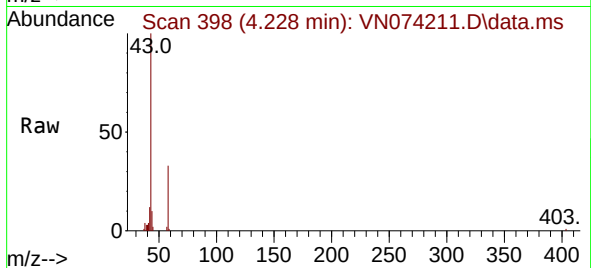




#16
Acetone
Concen: 18.597 ug/l
RT: 4.228 min Scan# 397
Delta R.T. 0.006 min
Lab File: VN074211.D
Acq: 31 Aug 2022 13:56

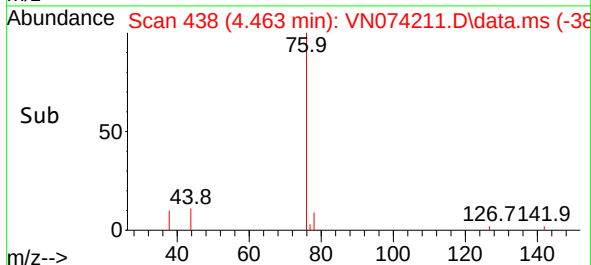
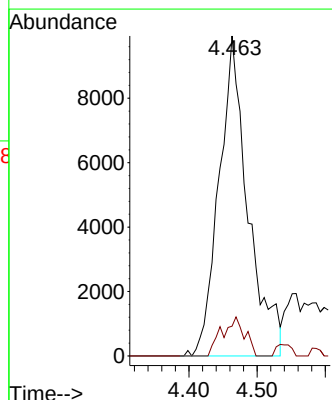
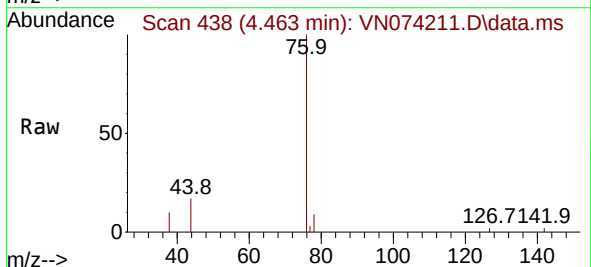
Instrument :
MSVOA_N
ClientSampleId :

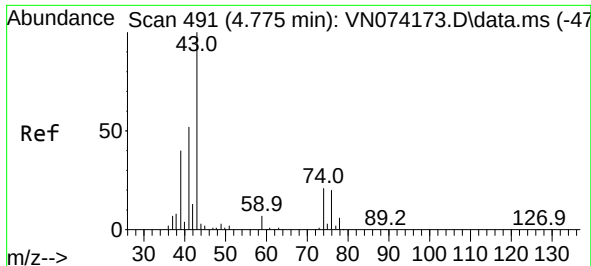
Tgt Ion: 43 Resp: 37172
Ion Ratio Lower Upper
43 100
58 32.8 26.0 39.0



#17
Carbon Disulfide
Concen: 4.571 ug/l
RT: 4.463 min Scan# 438
Delta R.T. 0.012 min
Lab File: VN074211.D
Acq: 31 Aug 2022 13:56

Tgt Ion: 76 Resp: 29413
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

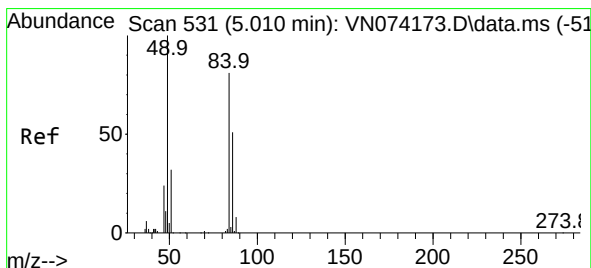
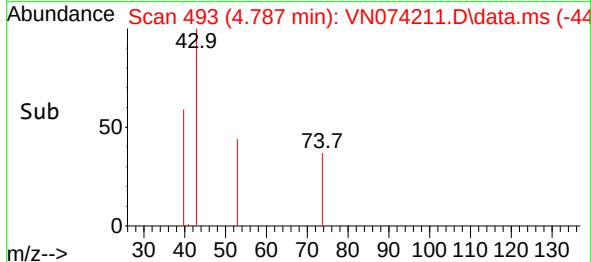
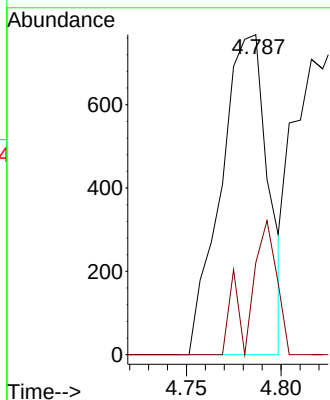
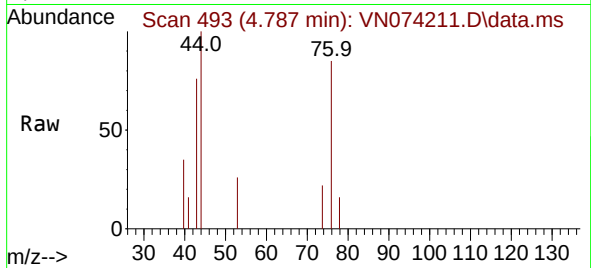




#18
Methyl Acetate
Concen: Below Cal
RT: 4.787 min Scan# 491
Delta R.T. 0.012 min
Lab File: VN074211.D
Acq: 31 Aug 2022 13:56

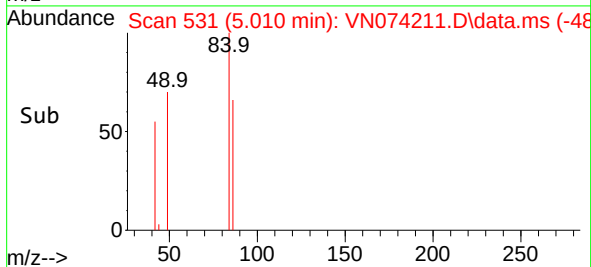
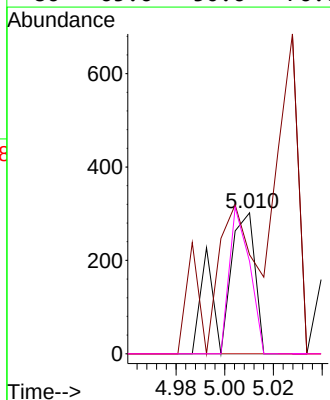
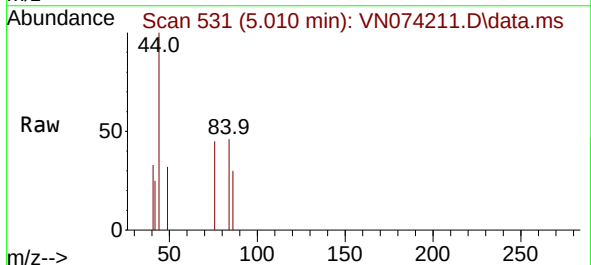
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MSVOA_N
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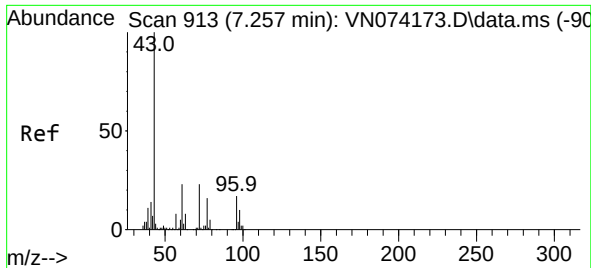
Tgt Ion: 43 Resp: 1336
Ion Ratio Lower Upper
43 100
74 24.3 21.6 32.4



#20
Methylene Chloride
Concen: Below Cal
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN074211.D
Acq: 31 Aug 2022 13:56

Tgt Ion: 84 Resp: 279
Ion Ratio Lower Upper
84 100
49 70.2 88.3 132.5#
51 0.0 28.2 42.2#
86 65.6 50.6 76.0

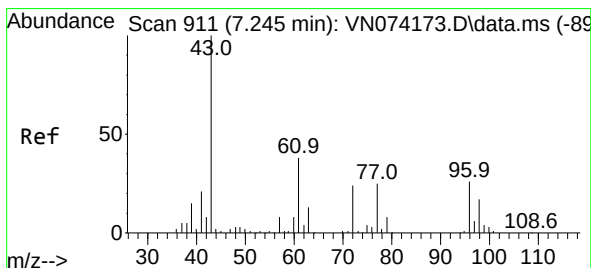
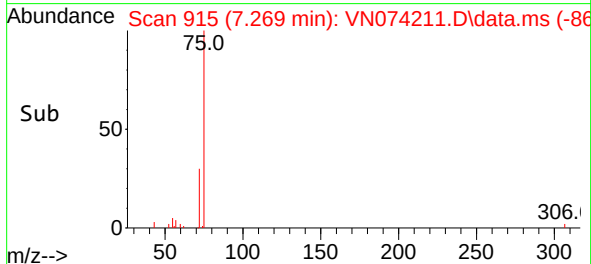
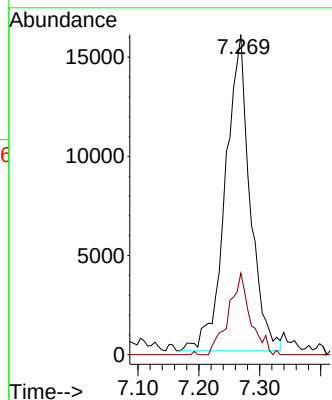
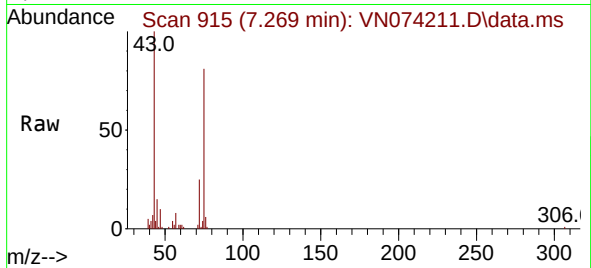




#25
2-Butanone
Concen: 14.030 ug/l
RT: 7.269 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN074211.D
Acq: 31 Aug 2022 13:56

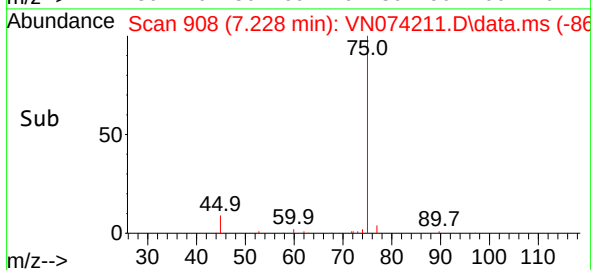
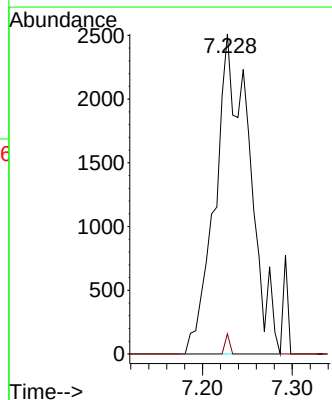
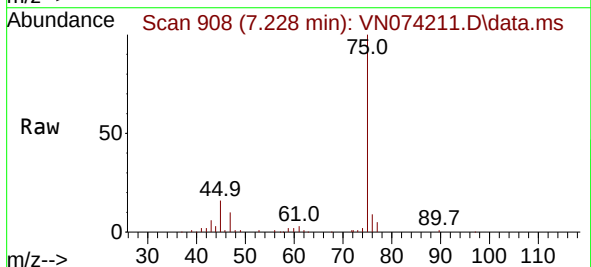
Instrument :
MSVOA_N
ClientSampleId :

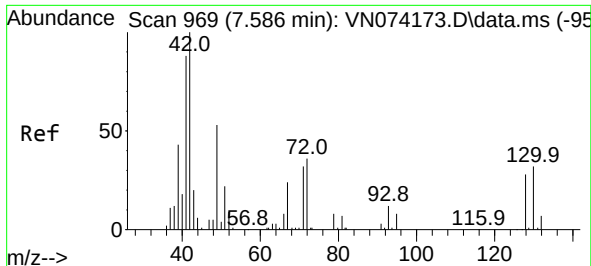
Tgt Ion: 43 Resp: 44863
Ion Ratio Lower Upper
43 100
72 25.8 23.7 35.5



#26
2,2-Dichloropropane
Concen: 2.301 ug/l
RT: 7.228 min Scan# 908
Delta R.T. -0.017 min
Lab File: VN074211.D
Acq: 31 Aug 2022 13:56

Tgt Ion: 77 Resp: 6679
Ion Ratio Lower Upper
77 100
97 0.8 11.4 34.2#





#28

Bromochloromethane

Concen: Below Cal

RT: 7.575 min Scan# 91

Delta R.T. -0.011 min

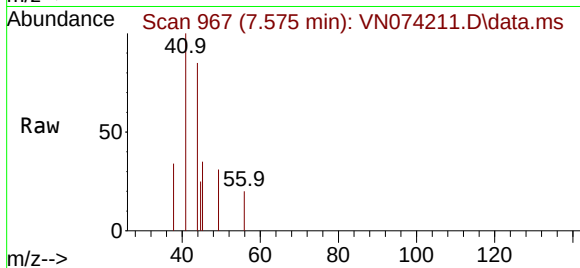
Lab File: VN074211.D

Acq: 31 Aug 2022 13:56

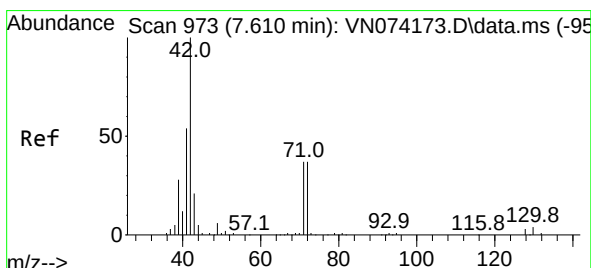
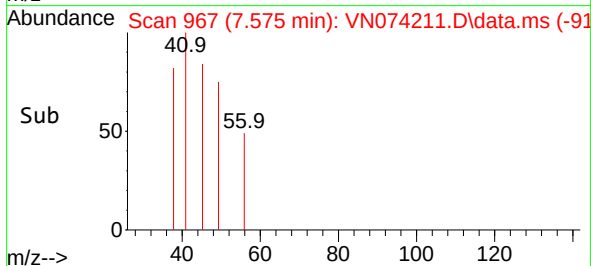
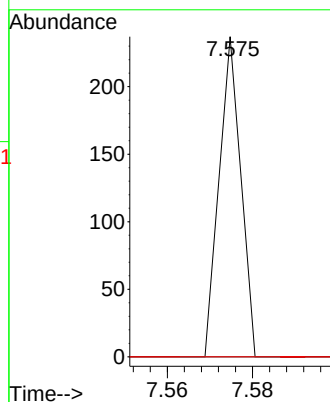
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	49	Resp:	84
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	0.0	69.7	104.5#



#29

Tetrahydrofuran

Concen: 0.322 ug/l

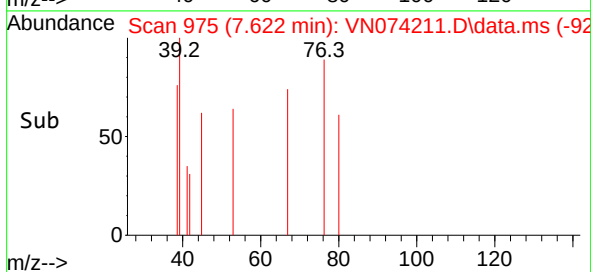
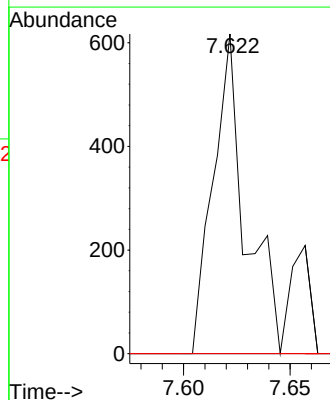
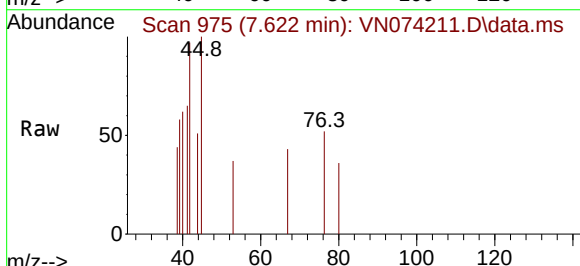
RT: 7.622 min Scan# 975

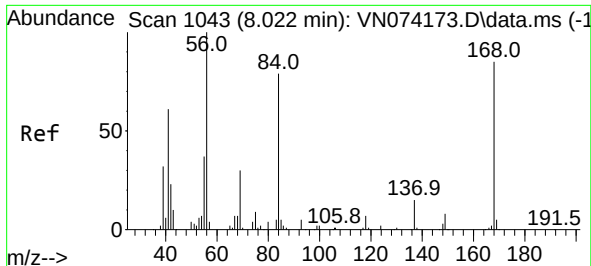
Delta R.T. 0.012 min

Lab File: VN074211.D

Acq: 31 Aug 2022 13:56

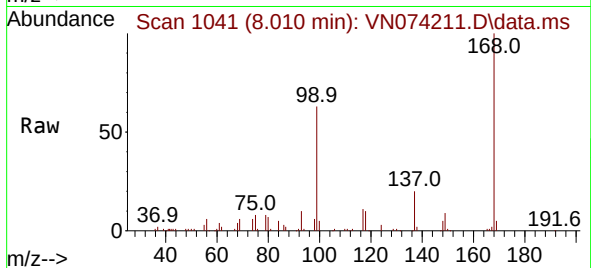
Tgt Ion:	42	Resp:	656
Ion	Ratio	Lower	Upper
42	100		
72	0.0	39.7	59.5#
71	0.0	36.6	55.0#



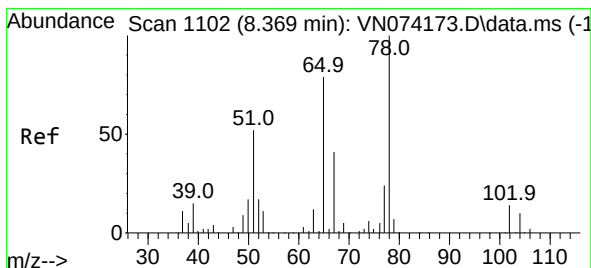
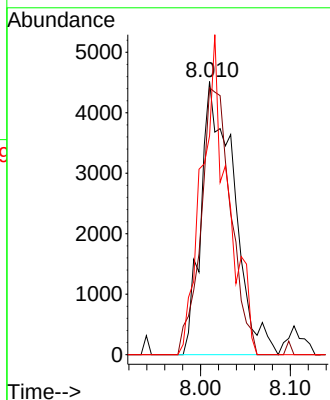
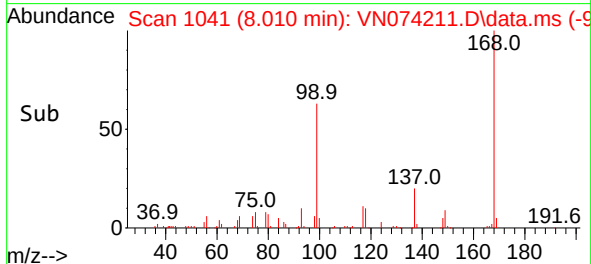


#31
Cyclohexane
Concen: 2.329 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VN074211.D
Acq: 31 Aug 2022 13:56

Instrument :
MSVOA_N
ClientSampleId :

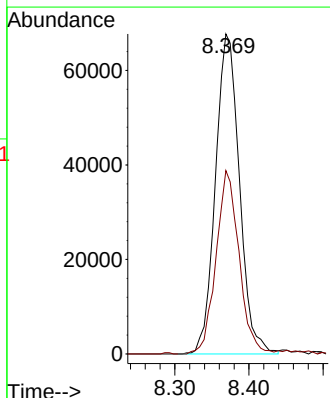
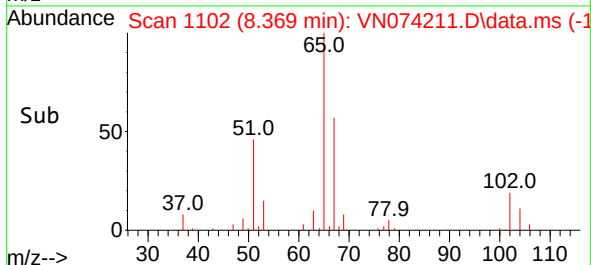
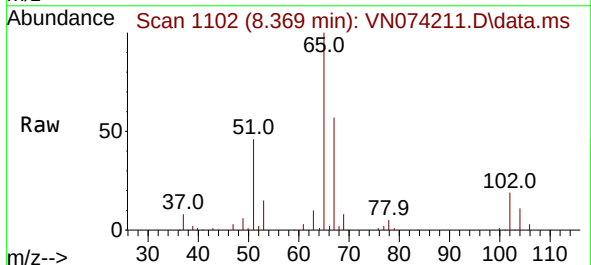


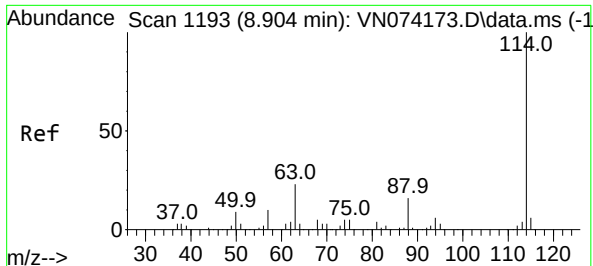
Tgt Ion: 56 Resp: 11513
Ion Ratio Lower Upper
56 100
69 97.7 27.8 41.8#
84 80.1 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 50.955 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN074211.D
Acq: 31 Aug 2022 13:56

Tgt Ion: 65 Resp: 152424
Ion Ratio Lower Upper
65 100
67 54.9 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074211.D

Acq: 31 Aug 2022 13:56

Instrument :

MSVOA_N

ClientSampleId :

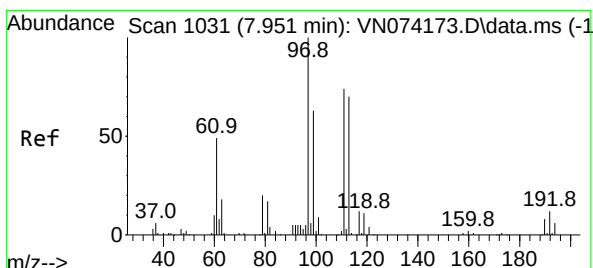
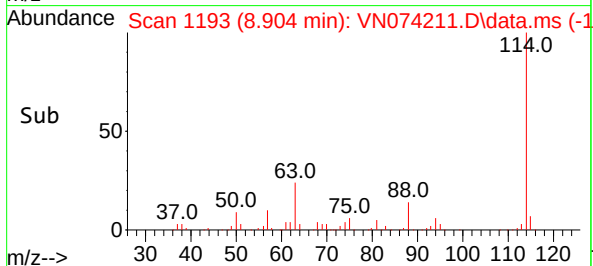
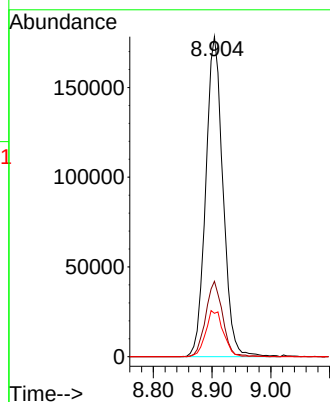
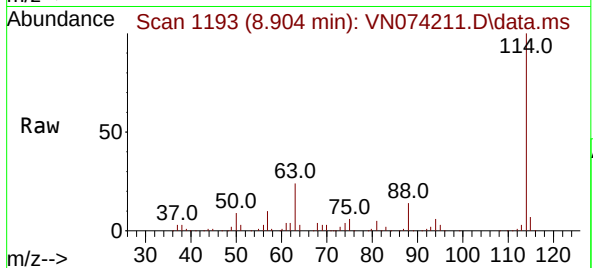
Tgt Ion:114 Resp: 362925

Ion Ratio Lower Upper

114 100

63 23.5 0.0 40.0

88 13.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.801 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074211.D

Acq: 31 Aug 2022 13:56

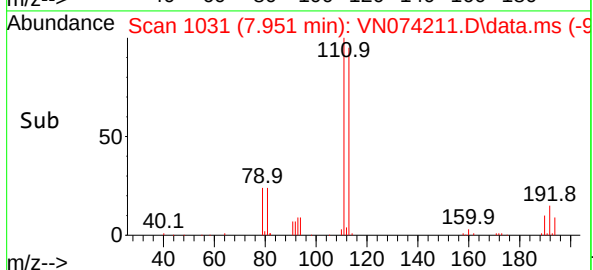
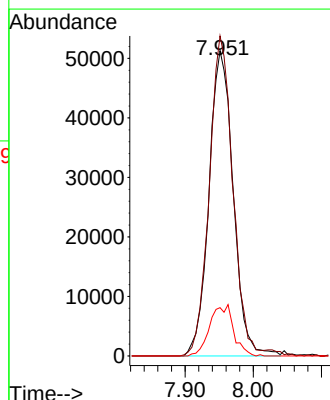
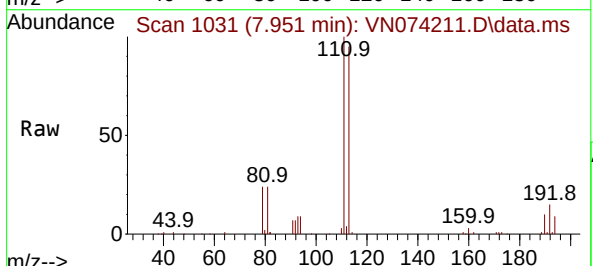
Tgt Ion:113 Resp: 127057

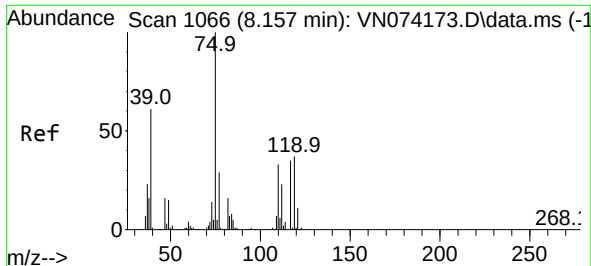
Ion Ratio Lower Upper

113 100

111 101.2 81.4 122.0

192 16.4 17.0 25.6#





#36

1,1-Dichloropropene

Concen: 5.119 ug/l

RT: 8.016 min Scan# 1

Delta R.T. -0.141 min

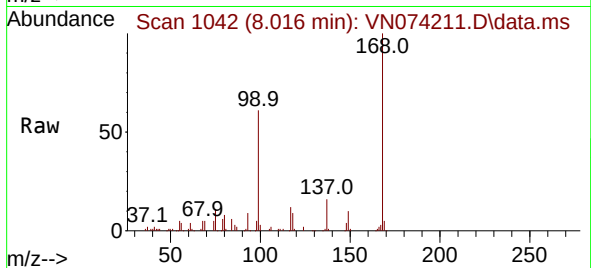
Lab File: VN074211.D

Acq: 31 Aug 2022 13:56

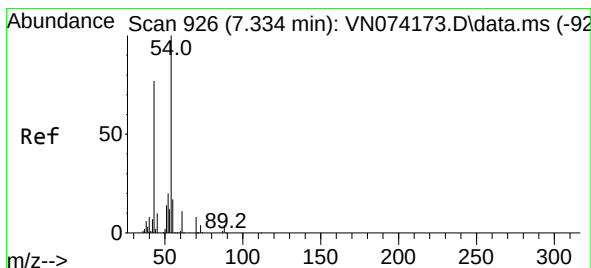
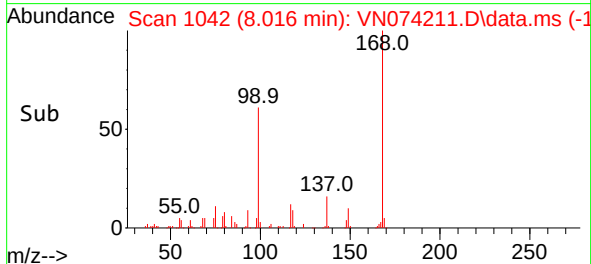
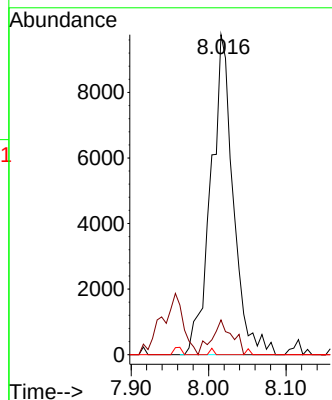
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	19616
Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.3	54.8#
77	0.0	25.1	37.7#



#37

Ethyl Acetate

Concen: 7.001 ug/l

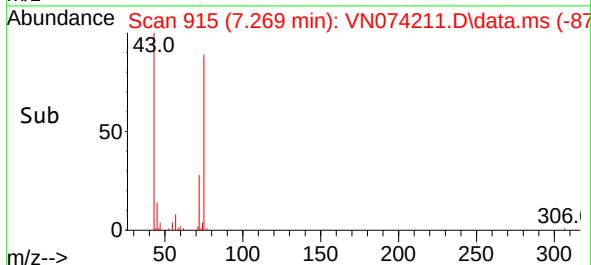
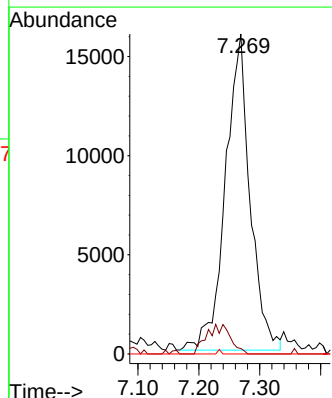
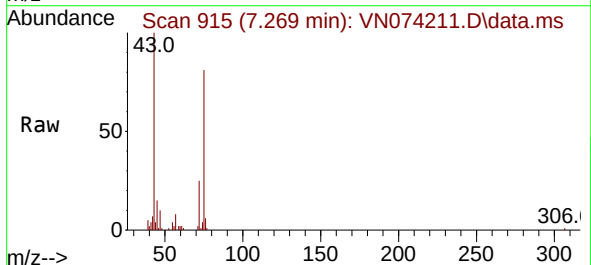
RT: 7.269 min Scan# 915

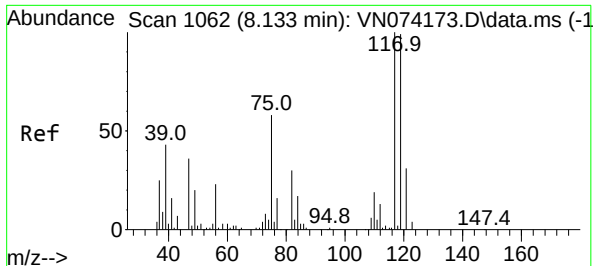
Delta R.T. -0.065 min

Lab File: VN074211.D

Acq: 31 Aug 2022 13:56

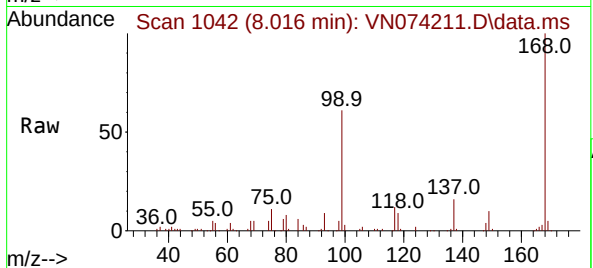
Tgt Ion:	43	Resp:	44863
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.8	17.6#
70	0.0	9.3	13.9#



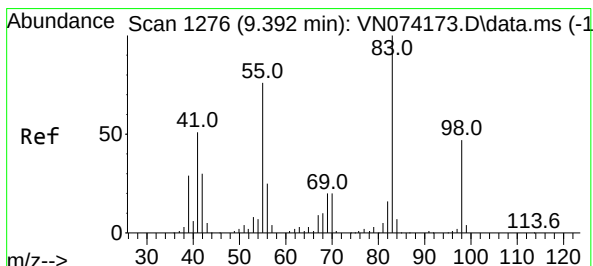
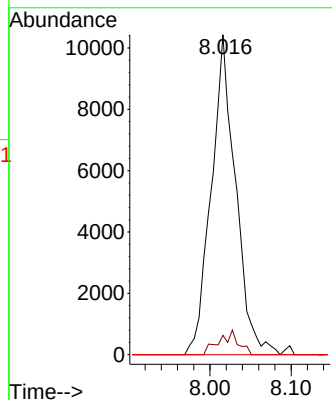
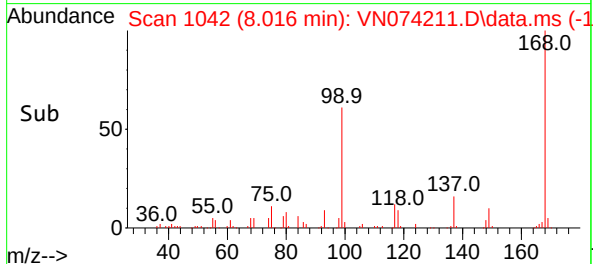


#38
Carbon Tetrachloride
Concen: 6.247 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN074211.D
Acq: 31 Aug 2022 13:56

Instrument :
MSVOA_N
ClientSampleId :

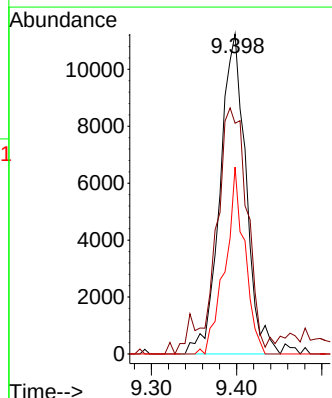
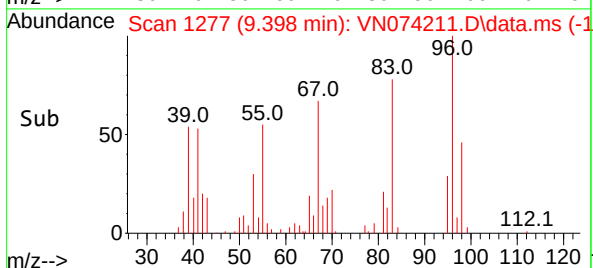
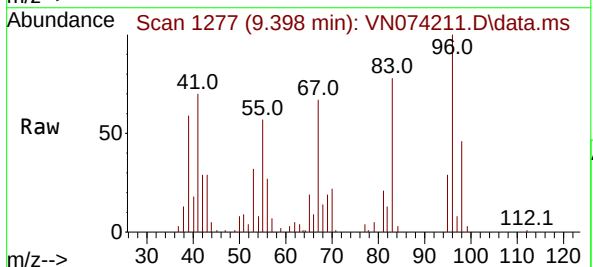


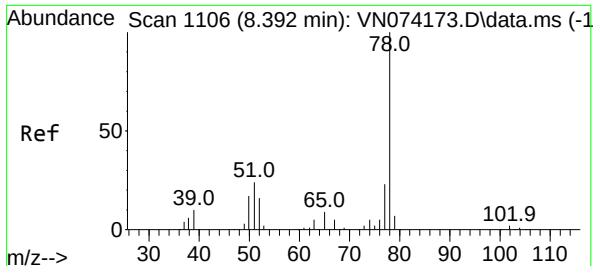
Tgt Ion:117 Resp: 21742
Ion Ratio Lower Upper
117 100
119 6.0 75.8 113.8#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 5.287 ug/l
RT: 9.398 min Scan# 1277
Delta R.T. 0.006 min
Lab File: VN074211.D
Acq: 31 Aug 2022 13:56

Tgt Ion: 83 Resp: 23781
Ion Ratio Lower Upper
83 100
55 68.8 57.8 86.8
98 58.4 39.4 59.2

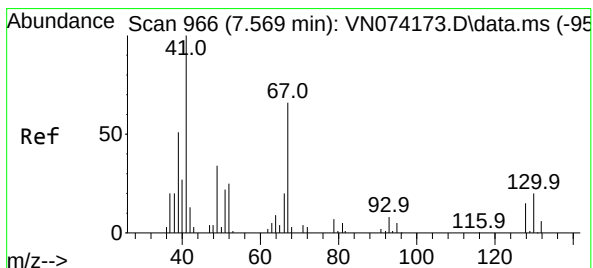
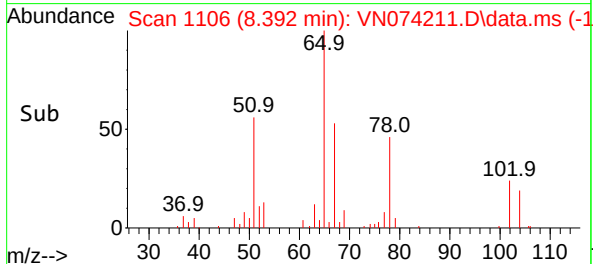
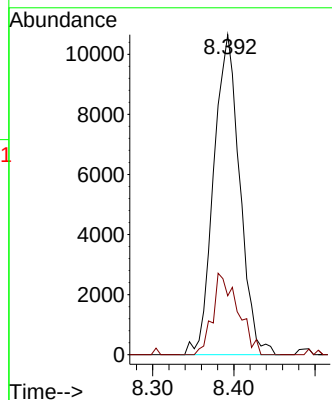
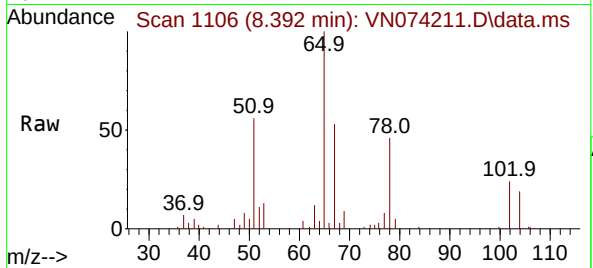




#40
Benzene
Concen: 1.974 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN074211.D
Acq: 31 Aug 2022 13:56

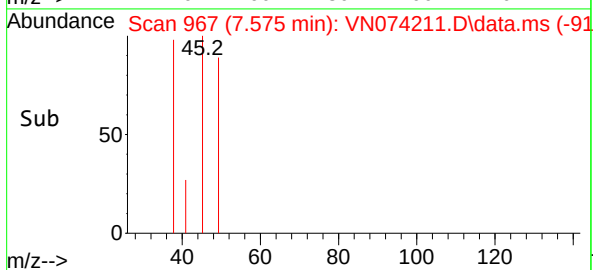
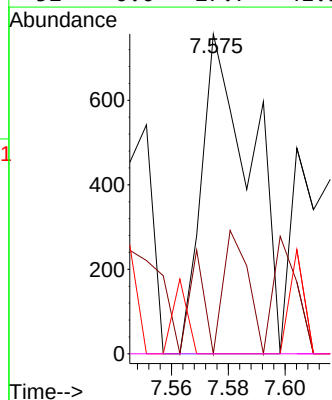
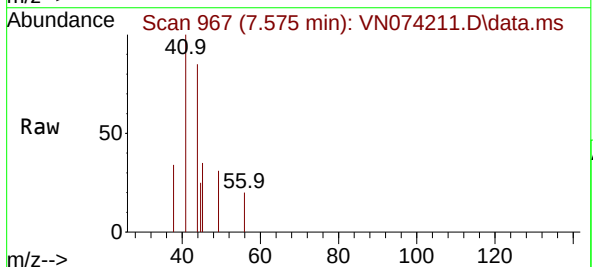
Instrument :
MSVOA_N
ClientSampleId :

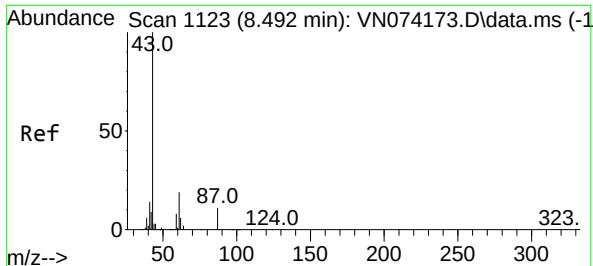
Tgt Ion: 78 Resp: 23746
Ion Ratio Lower Upper
78 100
77 18.4 19.4 29.0#



#41
Methacrylonitrile
Concen: 0.310 ug/l
RT: 7.575 min Scan# 967
Delta R.T. 0.006 min
Lab File: VN074211.D
Acq: 31 Aug 2022 13:56

Tgt Ion: 41 Resp: 918
Ion Ratio Lower Upper
41 100
39 28.6 48.6 73.0#
67 0.0 73.4 110.2#
52 0.0 27.7 41.5#





#43

Isopropyl Acetate

Concen: 2.994 ug/l

RT: 8.463 min Scan# 1118

Delta R.T. -0.029 min

Lab File: VN074211.D

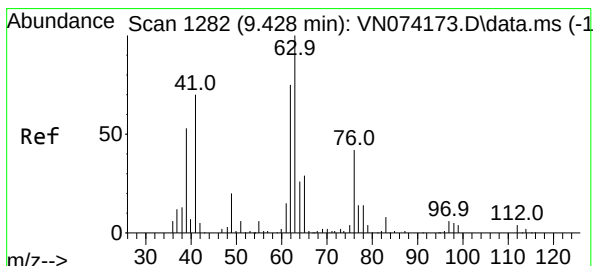
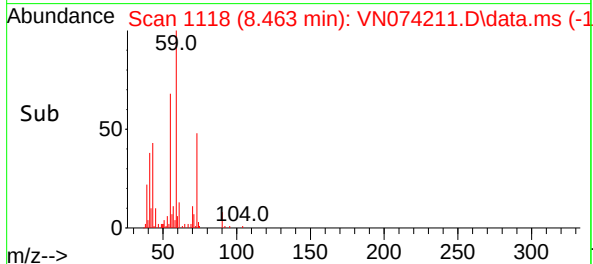
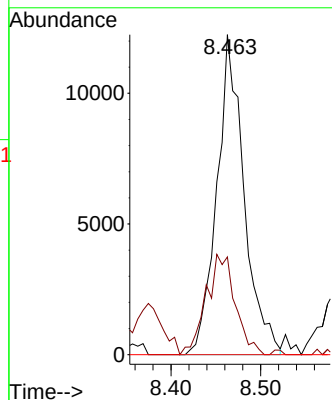
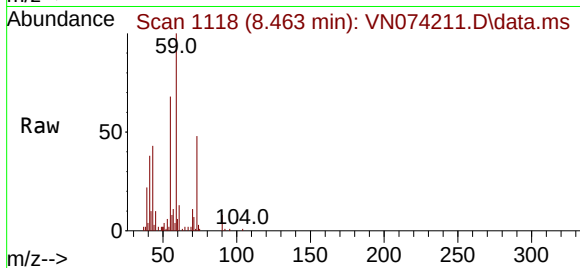
Acq: 31 Aug 2022 13:56

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43	Resp: 25790
Ion Ratio	Lower Upper
43 100	
61 33.6	21.9 32.9#
87 0.0	12.0 18.0#



#45

1,2-Dichloropropane

Concen: 1.091 ug/l

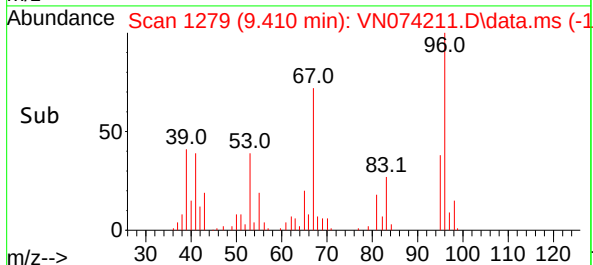
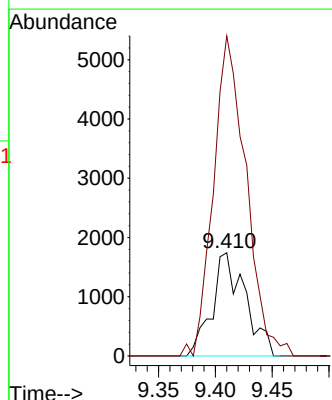
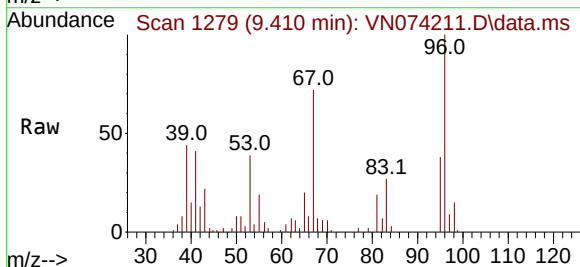
RT: 9.410 min Scan# 1279

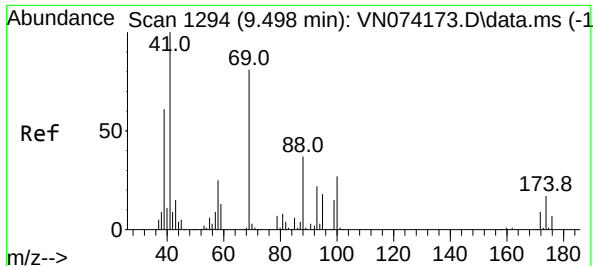
Delta R.T. -0.018 min

Lab File: VN074211.D

Acq: 31 Aug 2022 13:56

Tgt Ion: 63	Resp: 3543
Ion Ratio	Lower Upper
63 100	
65 310.1	24.9 37.3#





#48

Methyl methacrylate

Concen: 0.763 ug/l

RT: 9.469 min Scan# 1289

Delta R.T. -0.029 min

Lab File: VN074211.D

Acq: 31 Aug 2022 13:56

Instrument :

MSVOA_N

ClientSampleId :

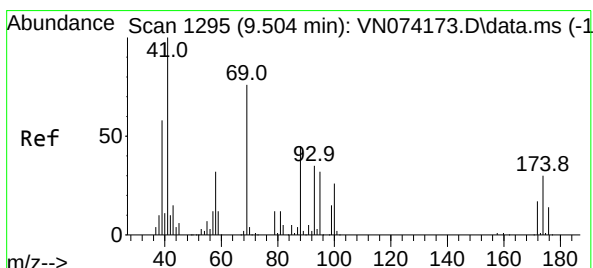
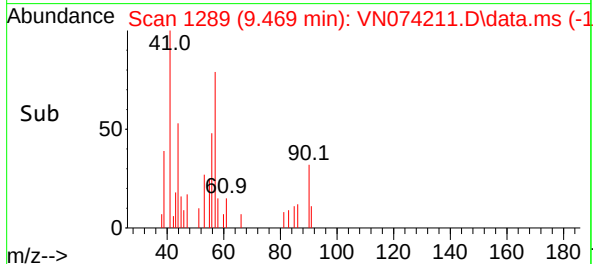
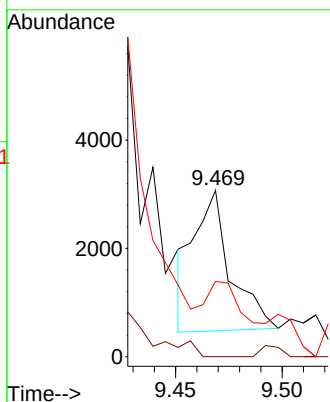
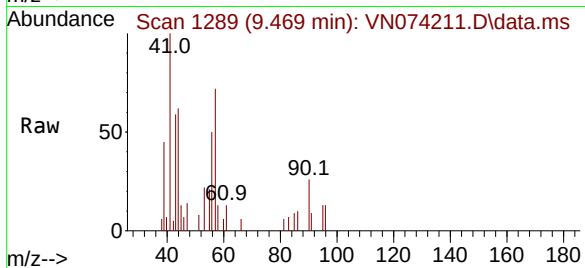
Tgt Ion: 41 Resp: 3123

Ion Ratio Lower Upper

41 100

69 0.0 74.7 112.1#

39 72.9 45.6 68.4#



#49

1,4-Dioxane

Concen: 23.538 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. 0.006 min

Lab File: VN074211.D

Acq: 31 Aug 2022 13:56

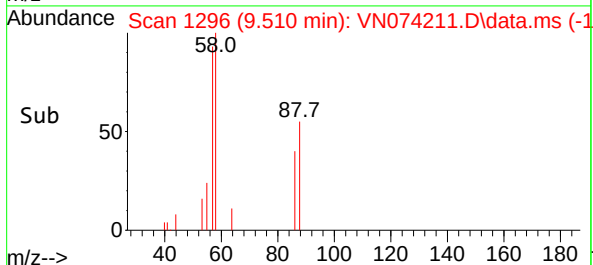
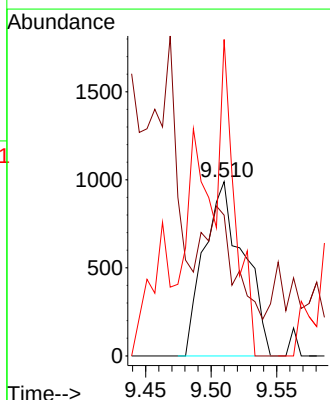
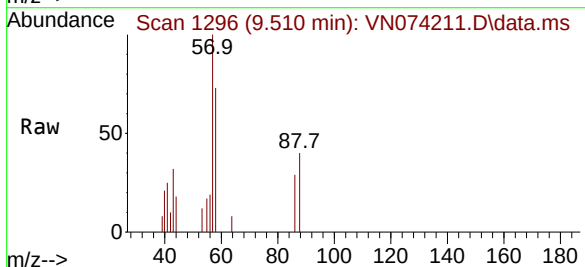
Tgt Ion: 88 Resp: 2078

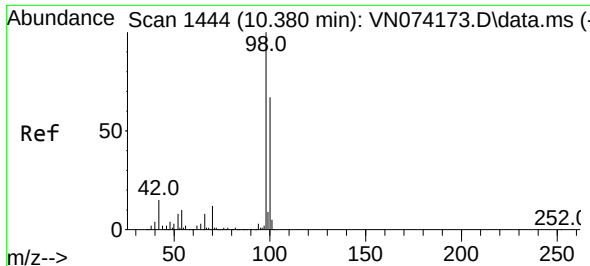
Ion Ratio Lower Upper

88 100

43 48.8 20.2 30.4#

58 65.9 54.2 81.4

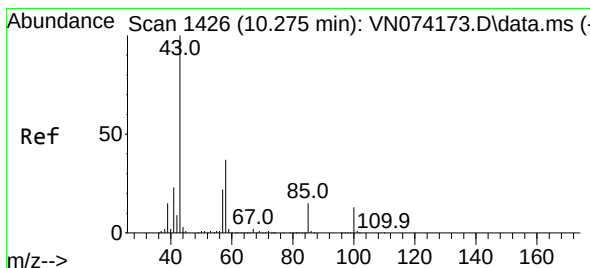
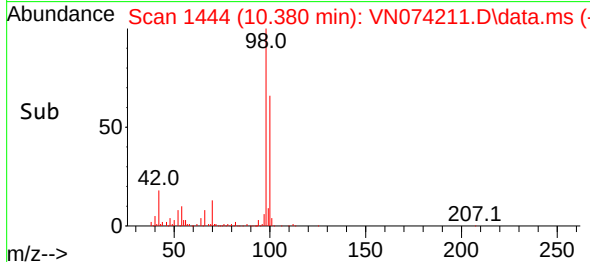
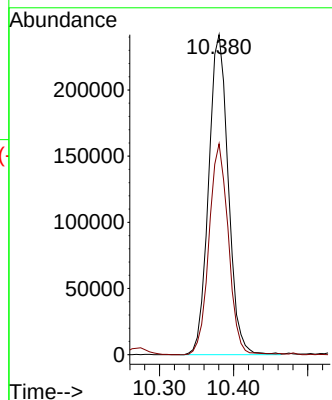
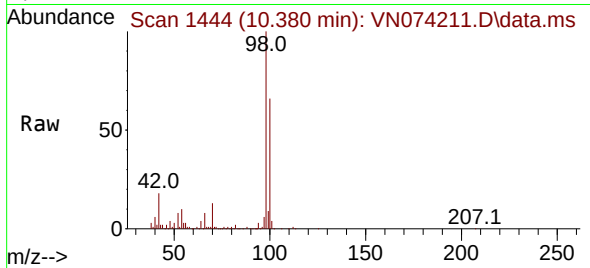




#50
Toluene-d8
Concen: 47.811 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074211.D
Acq: 31 Aug 2022 13:56

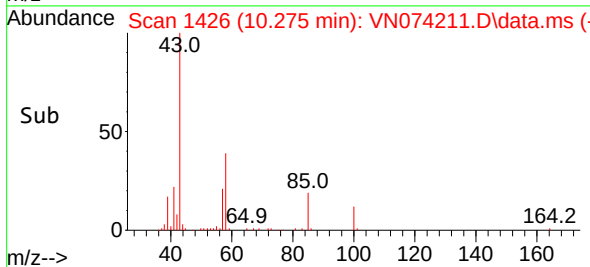
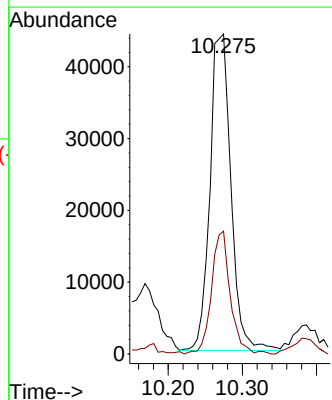
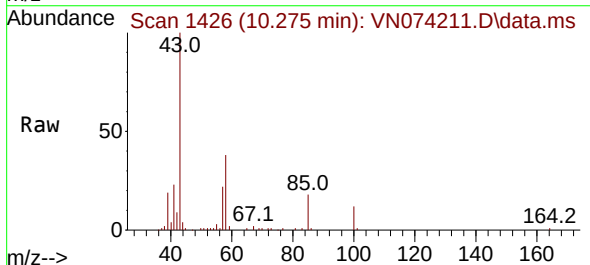
Instrument :
MSVOA_N
ClientSampleId :

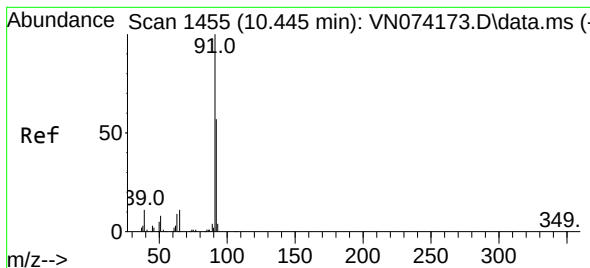
Tgt Ion: 98 Resp: 444662
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 13.920 ug/l
RT: 10.275 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VN074211.D
Acq: 31 Aug 2022 13:56

Tgt Ion: 43 Resp: 87028
Ion Ratio Lower Upper
43 100
58 34.7 34.1 51.1





#52

Toluene

Concen: 0.769 ug/l

RT: 10.445 min Scan# 1455

Delta R.T. 0.000 min

Lab File: VN074211.D

Acq: 31 Aug 2022 13:56

Instrument :

MSVOA_N

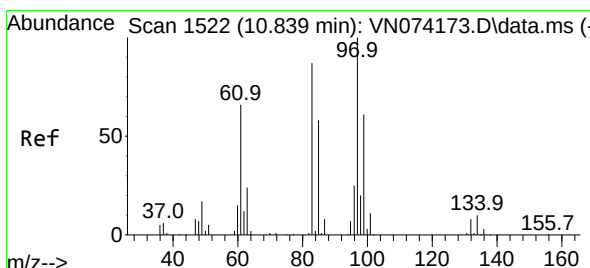
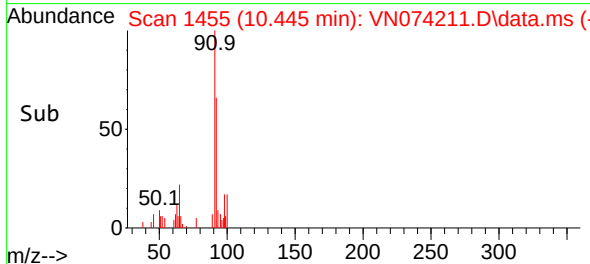
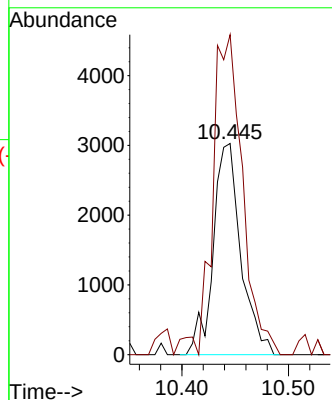
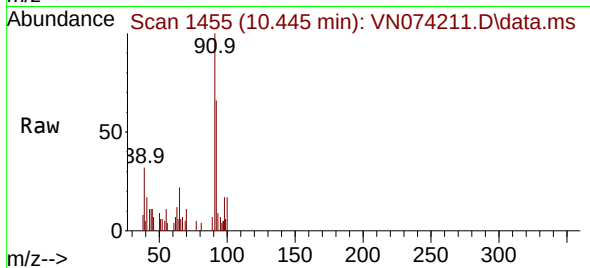
ClientSampleId :

Tgt Ion: 92 Resp: 5454

Ion Ratio Lower Upper

92 100

91 164.2 138.6 207.8



#55

1,1,2-Trichloroethane

Concen: 2.788 ug/l

RT: 10.816 min Scan# 1518

Delta R.T. -0.024 min

Lab File: VN074211.D

Acq: 31 Aug 2022 13:56

Tgt Ion: 97 Resp: 8551

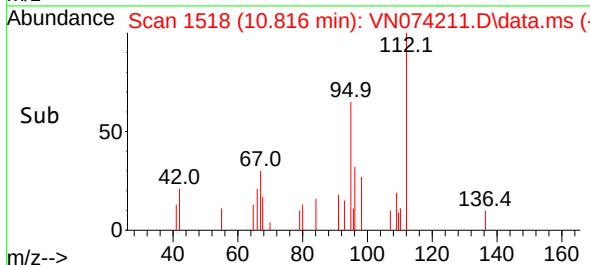
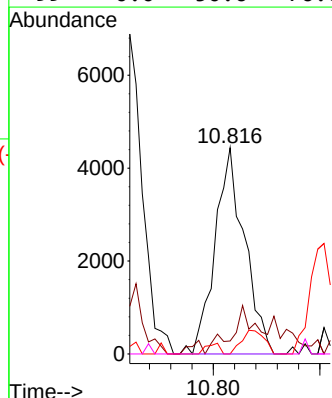
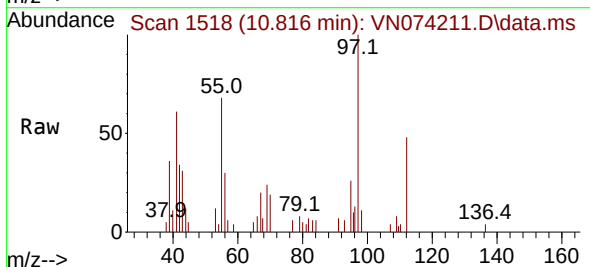
Ion Ratio Lower Upper

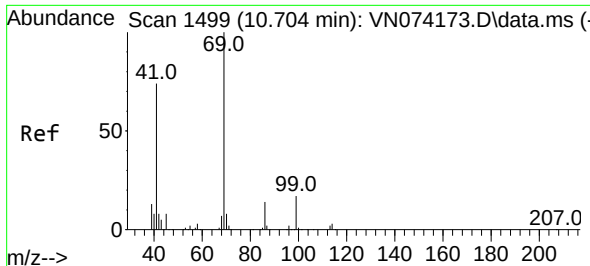
97 100

83 6.3 66.2 99.4#

85 0.0 43.9 65.9#

99 0.0 50.6 76.0#

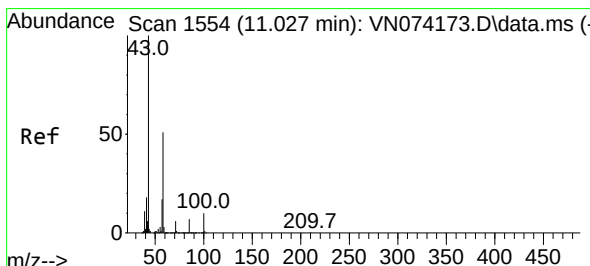
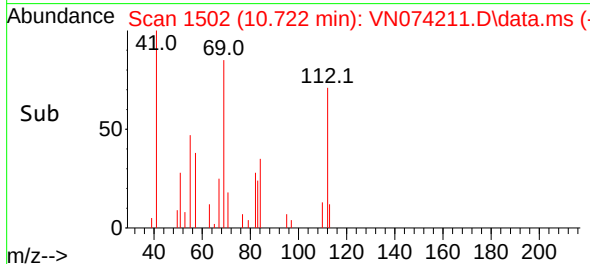
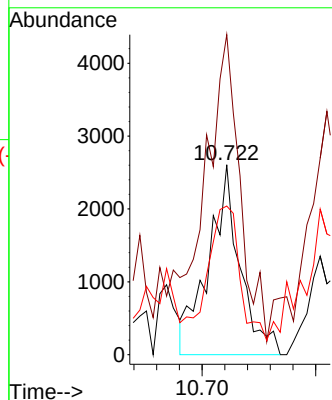
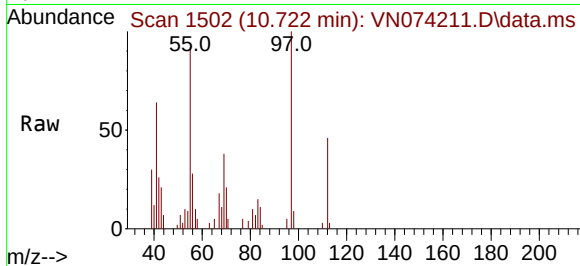




#56
Ethyl methacrylate
Concen: 1.075 ug/l
RT: 10.722 min Scan# 1502
Delta R.T. 0.018 min
Lab File: VN074211.D
Acq: 31 Aug 2022 13:56

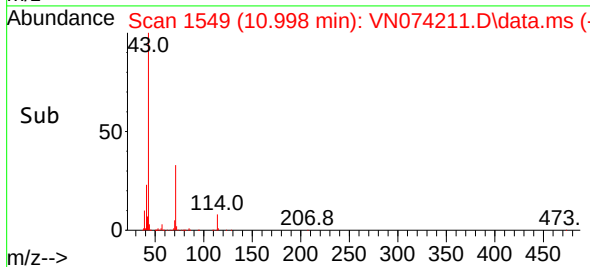
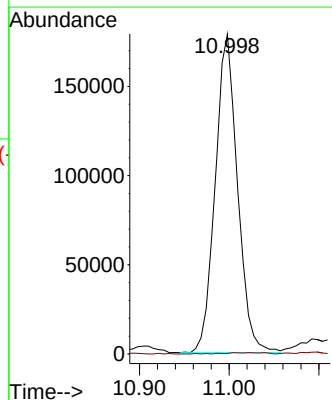
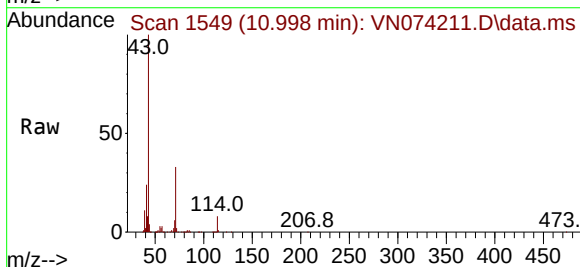
Instrument :
MSVOA_N
ClientSampleId :

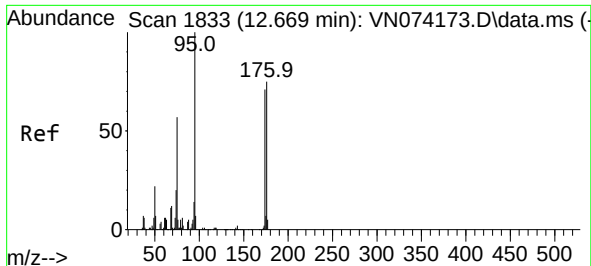
Tgt Ion: 69 Resp: 4997
Ion Ratio Lower Upper
69 100
41 196.7 47.8 71.6#
39 68.0 27.3 40.9#



#59
2-Hexanone
Concen: 64.882 ug/l
RT: 10.998 min Scan# 1549
Delta R.T. -0.029 min
Lab File: VN074211.D
Acq: 31 Aug 2022 13:56

Tgt Ion: 43 Resp: 307844
Ion Ratio Lower Upper
43 100
58 0.4 29.7 89.1#

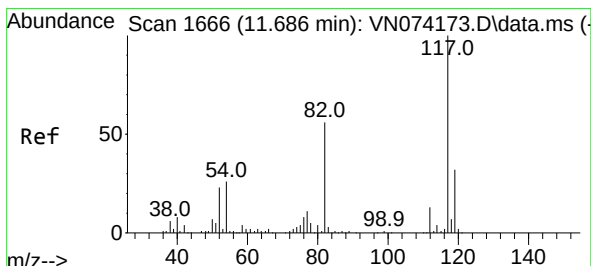
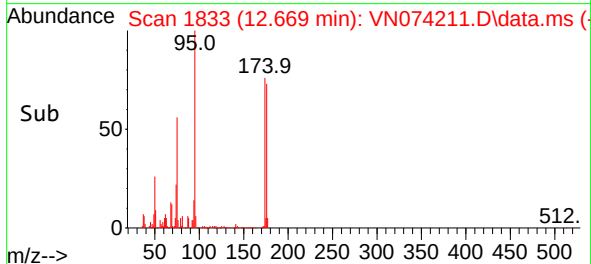
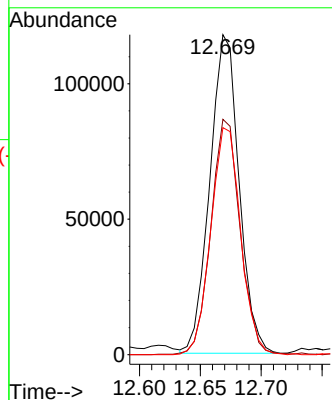
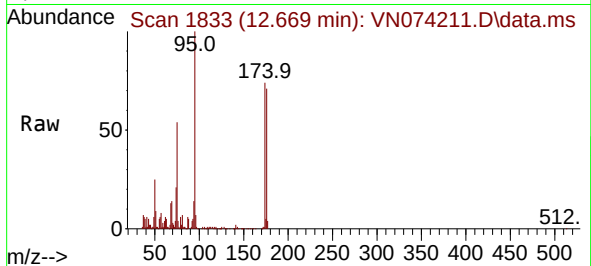




#62
4-Bromofluorobenzene
Concen: 69.412 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN074211.D
Acq: 31 Aug 2022 13:56

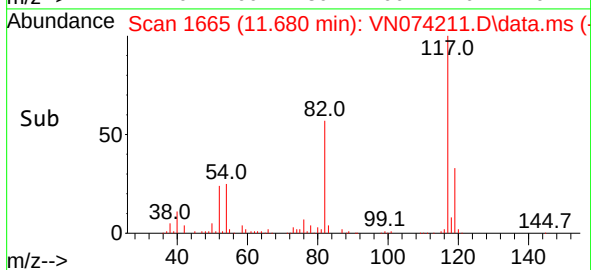
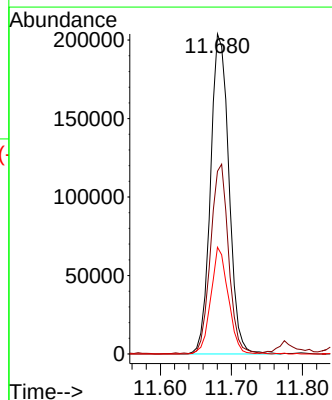
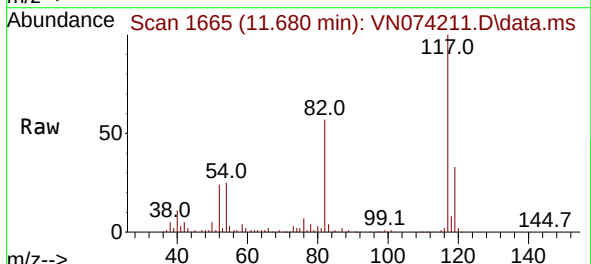
Instrument :
MSVOA_N
ClientSampleId :

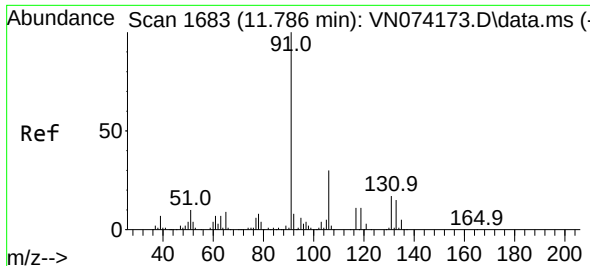
Tgt Ion: 95 Resp: 196319
Ion Ratio Lower Upper
95 100
174 74.0 0.0 167.6
176 72.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VN074211.D
Acq: 31 Aug 2022 13:56

Tgt Ion: 117 Resp: 365822
Ion Ratio Lower Upper
117 100
82 56.9 44.2 66.2
119 33.4 25.4 38.0

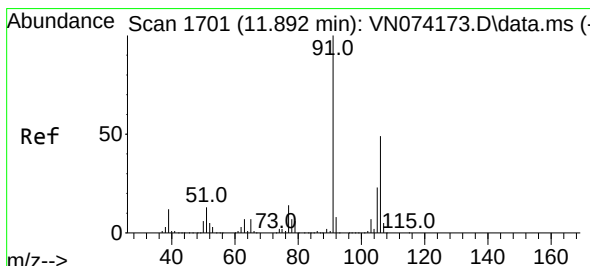
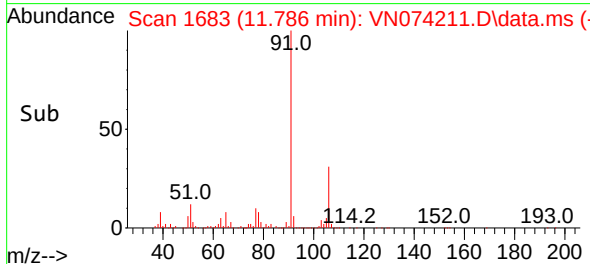
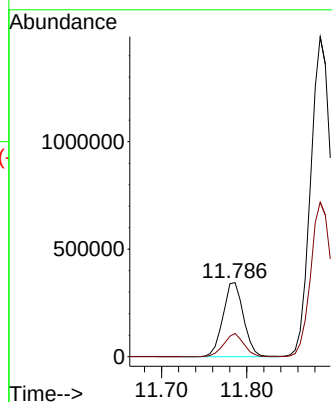
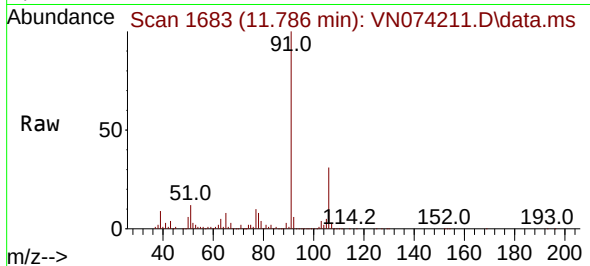




#67
Ethyl Benzene
Concen: 39.134 ug/l
RT: 11.786 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074211.D
Acq: 31 Aug 2022 13:56

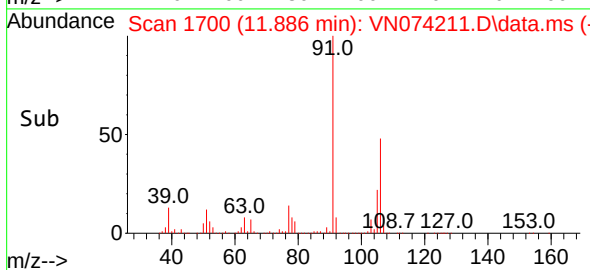
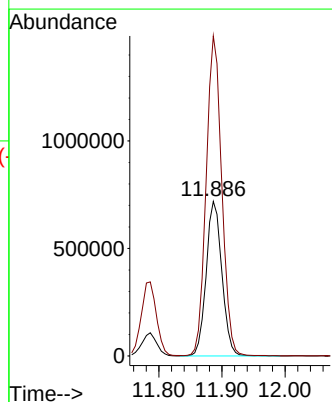
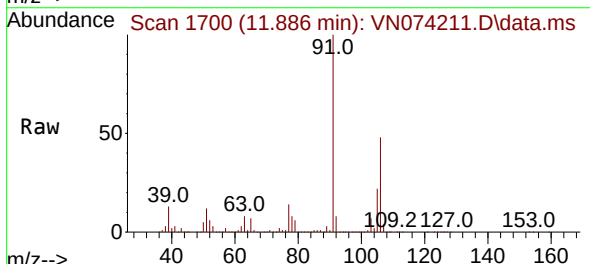
Instrument :
MSVOA_N
ClientSampleId :

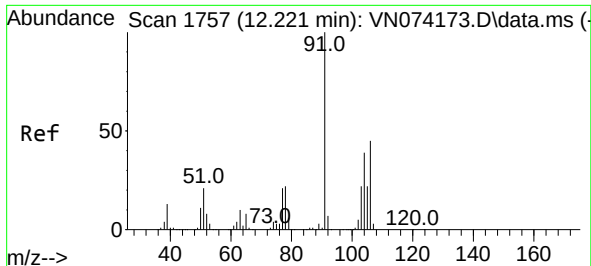
Tgt Ion: 91 Resp: 578115
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3



#68
m/p-Xylenes
Concen: 225.759 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN074211.D
Acq: 31 Aug 2022 13:56

Tgt Ion:106 Resp: 1238933
Ion Ratio Lower Upper
106 100
91 205.9 158.9 238.3

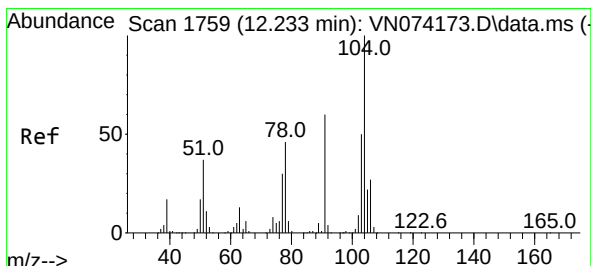
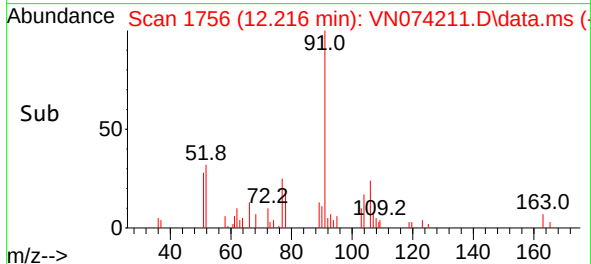
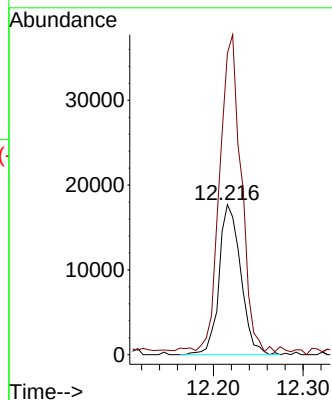
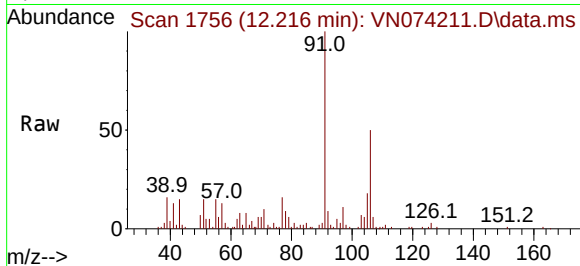




#69
o-Xylene
Concen: 5.419 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. -0.006 min
Lab File: VN074211.D
Acq: 31 Aug 2022 13:56

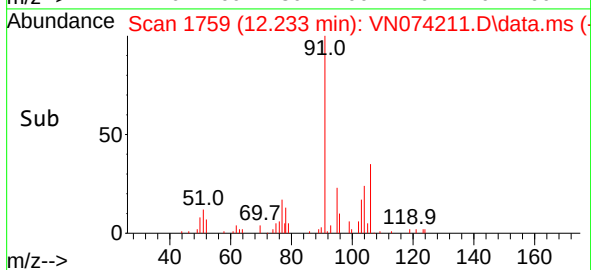
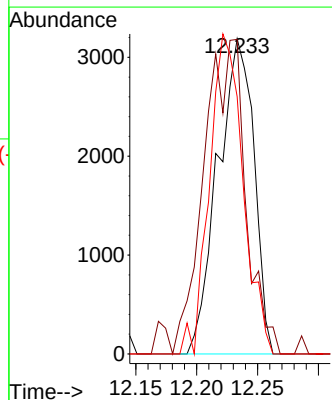
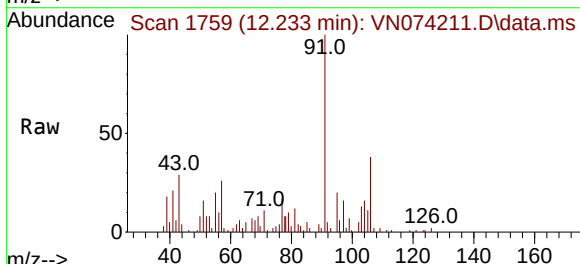
Instrument :
MSVOA_N
ClientSampleId :

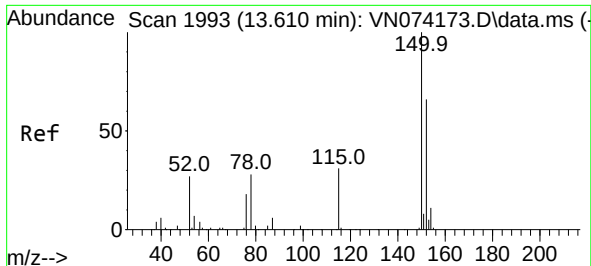
Tgt Ion:106 Resp: 29630
Ion Ratio Lower Upper
106 100
91 209.8 106.0 318.0



#70
Styrene
Concen: 0.754 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074211.D
Acq: 31 Aug 2022 13:56

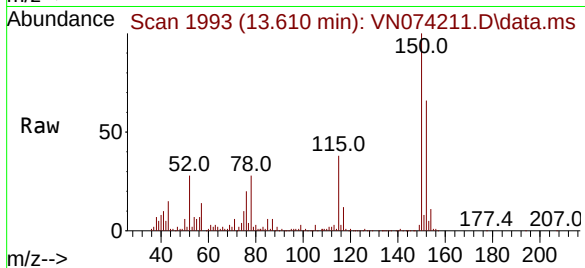
Tgt Ion:104 Resp: 6568
Ion Ratio Lower Upper
104 100
78 115.1 39.5 59.3#
103 94.5 44.0 66.0#



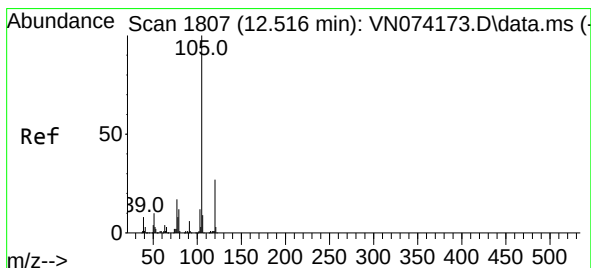
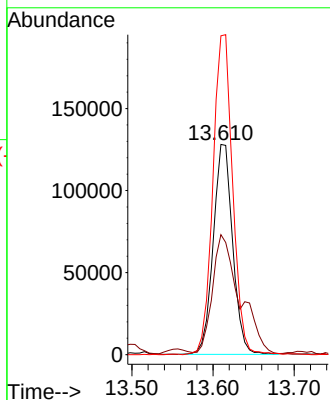
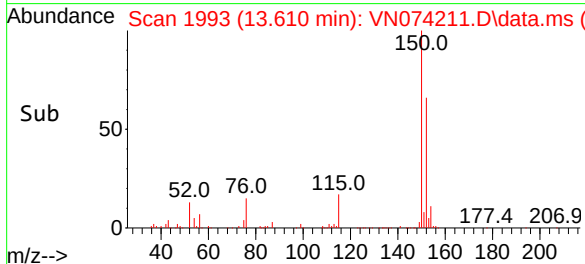


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN074211.D
Acq: 31 Aug 2022 13:56

Instrument :
MSVOA_N
ClientSampleId :

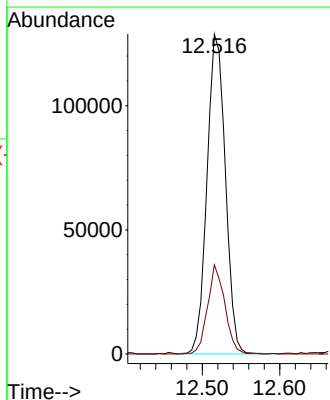
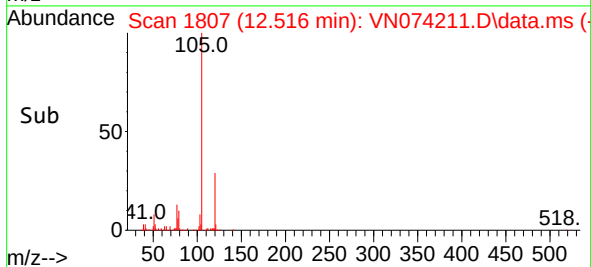
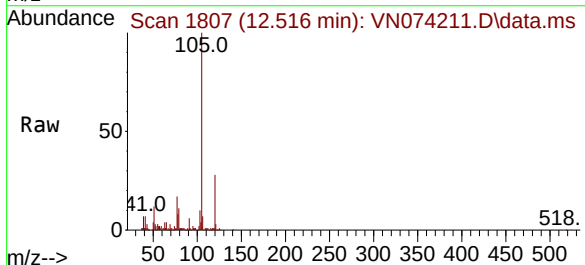


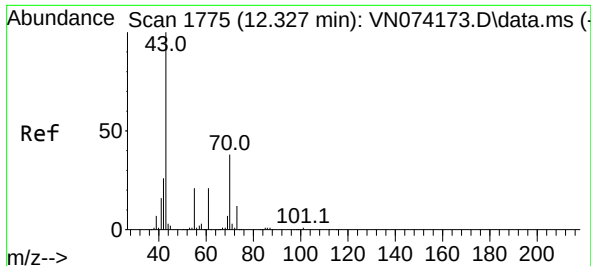
Tgt Ion:152 Resp: 212917
Ion Ratio Lower Upper
152 100
115 79.2 28.9 86.7
150 155.3 0.0 356.2



#73
Isopropylbenzene
Concen: 11.645 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN074211.D
Acq: 31 Aug 2022 13:56

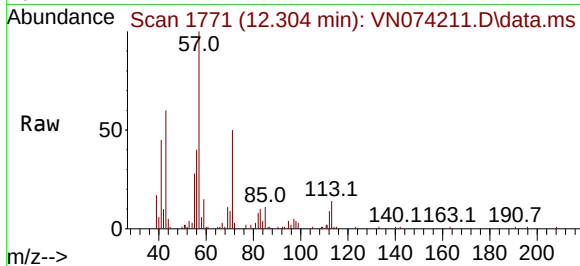
Tgt Ion:105 Resp: 212337
Ion Ratio Lower Upper
105 100
120 26.1 13.5 40.4



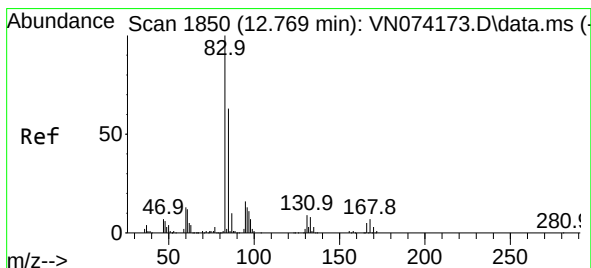
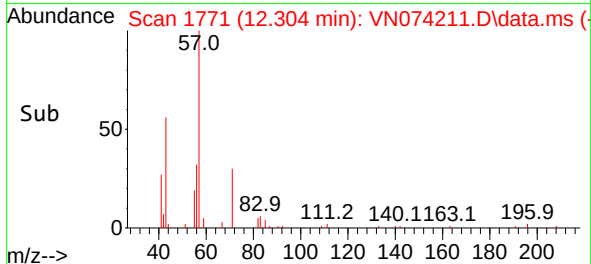
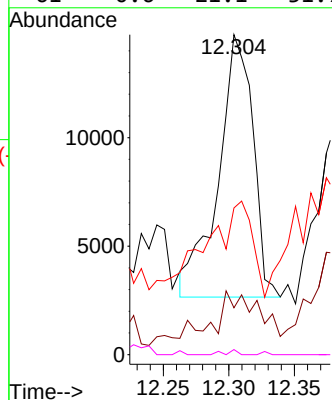


#74
N-amy1 acetate
Concen: 2.156 ug/l
RT: 12.304 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN074211.D
Acq: 31 Aug 2022 13:56

Instrument :
MSVOA_N
ClientSampleId :

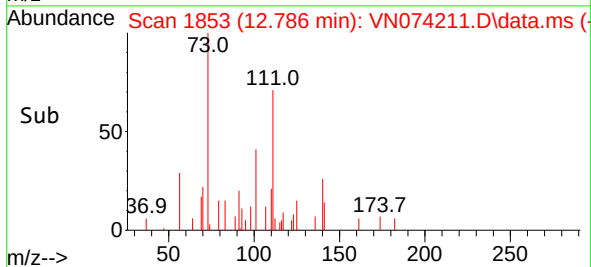
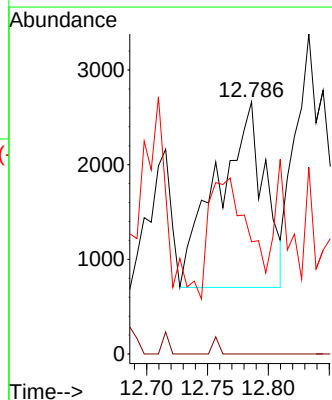
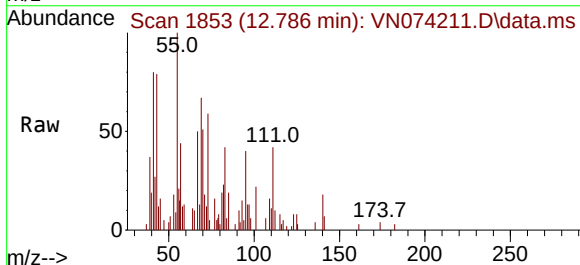


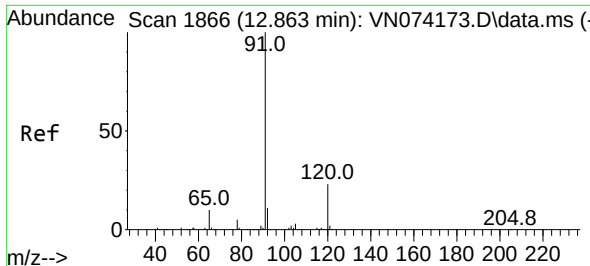
Tgt Ion: 43 Resp: 22238
Ion Ratio Lower Upper
43 100
70 16.7 39.0 58.4#
55 48.6 21.1 31.7#
61 0.6 21.1 31.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.695 ug/l
RT: 12.786 min Scan# 1853
Delta R.T. 0.018 min
Lab File: VN074211.D
Acq: 31 Aug 2022 13:56

Tgt Ion: 83 Resp: 5254
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 0.0 32.3 96.9#

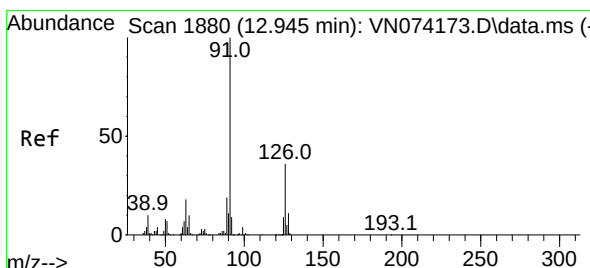
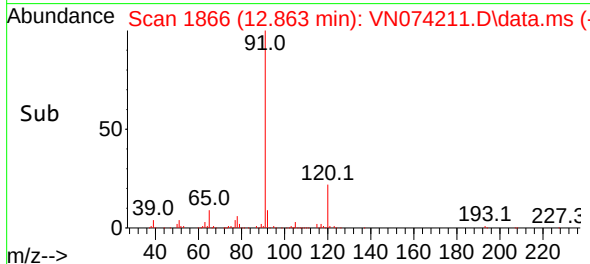
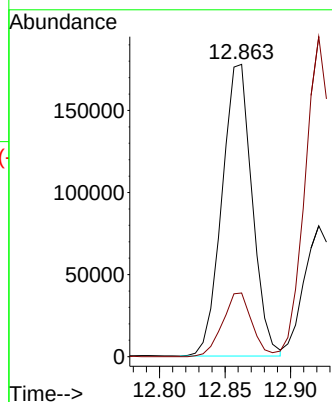
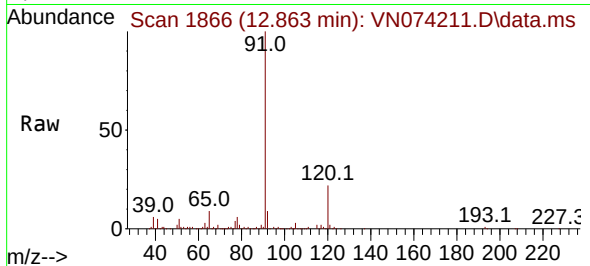




#78
n-propylbenzene
Concen: 13.715 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074211.D
Acq: 31 Aug 2022 13:56

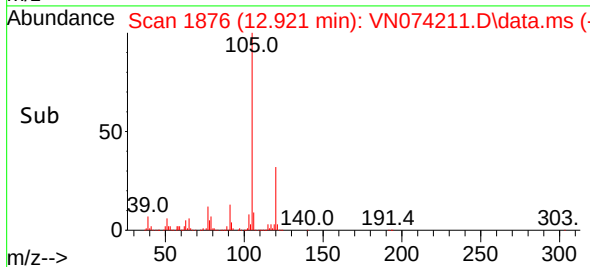
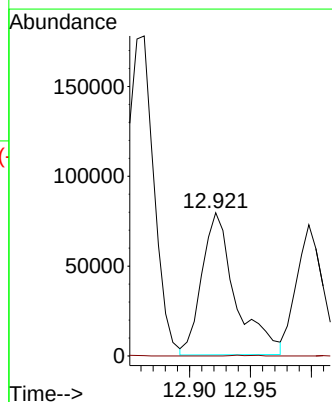
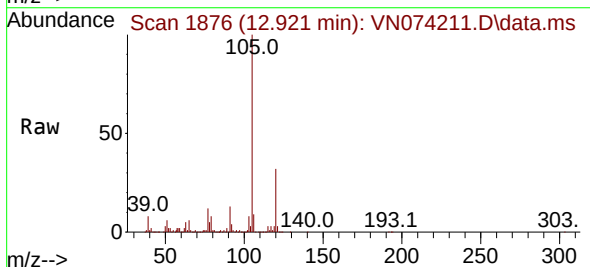
Instrument :
MSVOA_N
ClientSampleId :

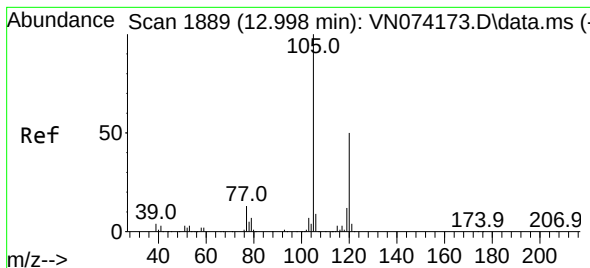
Tgt Ion: 91 Resp: 285063
Ion Ratio Lower Upper
91 100
120 21.2 11.9 35.5



#79
2-Chlorotoluene
Concen: 12.008 ug/l
RT: 12.921 min Scan# 1876
Delta R.T. -0.024 min
Lab File: VN074211.D
Acq: 31 Aug 2022 13:56

Tgt Ion: 91 Resp: 152871
Ion Ratio Lower Upper
91 100
126 0.3 17.3 51.9#





#80

1,3,5-Trimethylbenzene

Concen: 66.074 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VN074211.D

Acq: 31 Aug 2022 13:56

Instrument :

MSVOA_N

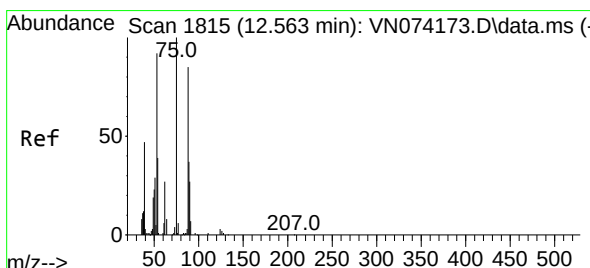
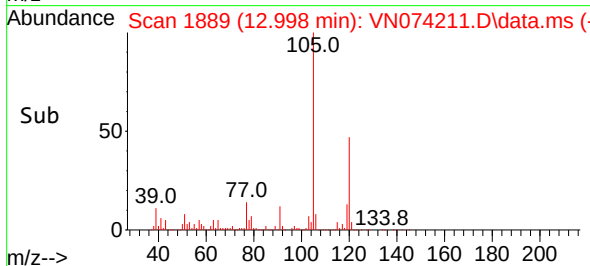
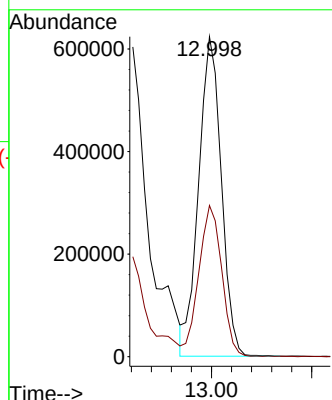
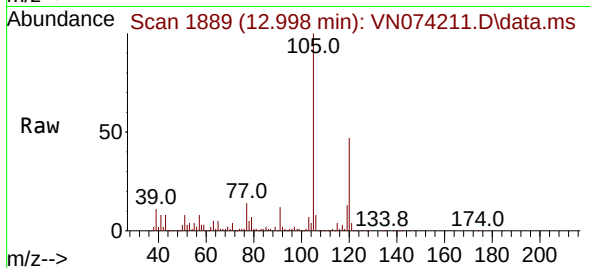
ClientSampleId :

Tgt Ion:105 Resp: 979846

Ion Ratio Lower Upper

105 100

120 48.0 24.9 74.7



#81

trans-1,4-Dichloro-2-butene

Concen: 54.694 ug/l

RT: 12.669 min Scan# 1833

Delta R.T. 0.106 min

Lab File: VN074211.D

Acq: 31 Aug 2022 13:56

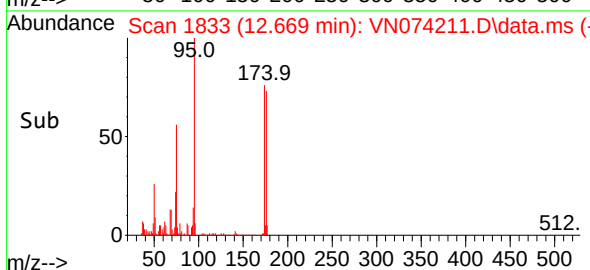
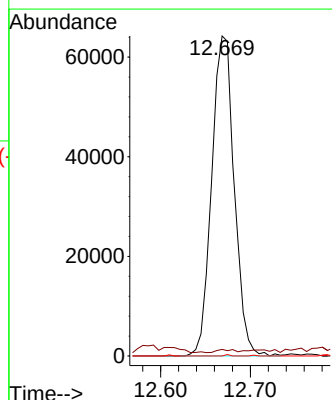
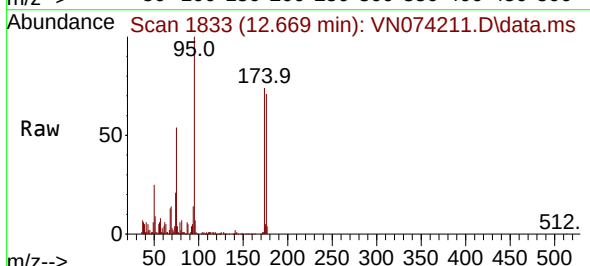
Tgt Ion: 75 Resp: 112192

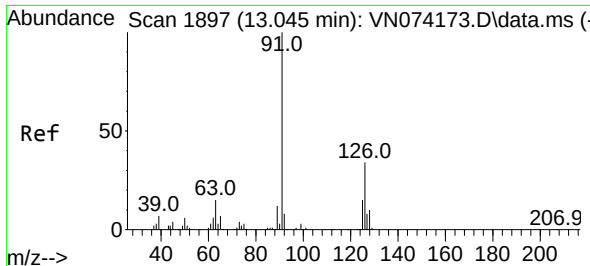
Ion Ratio Lower Upper

75 100

53 0.7 78.0 117.0#

89 0.0 37.2 55.8#

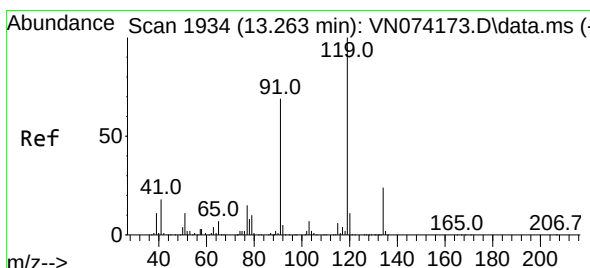
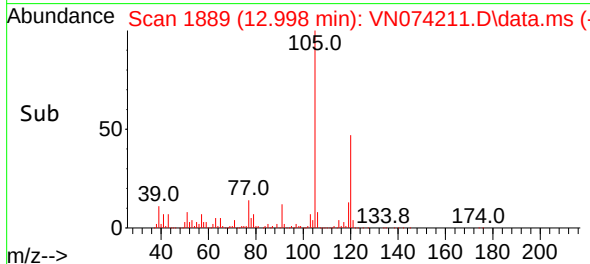
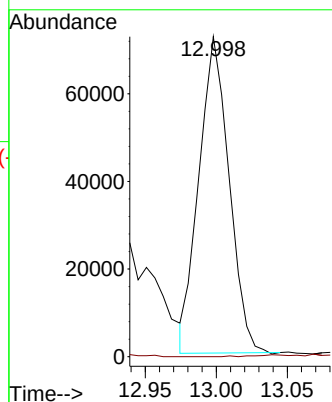
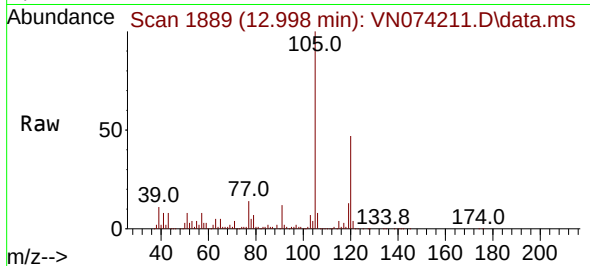




#82
4-Chlorotoluene
Concen: 8.654 ug/l
RT: 12.998 min Scan# 1897
Delta R.T. -0.047 min
Lab File: VN074211.D
Acq: 31 Aug 2022 13:56

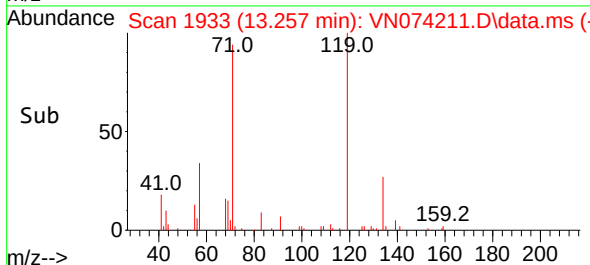
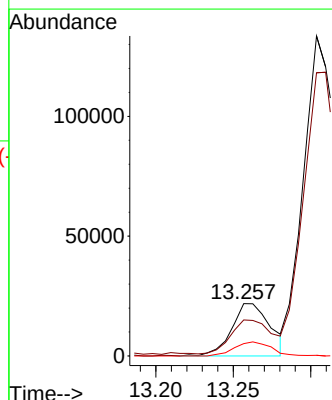
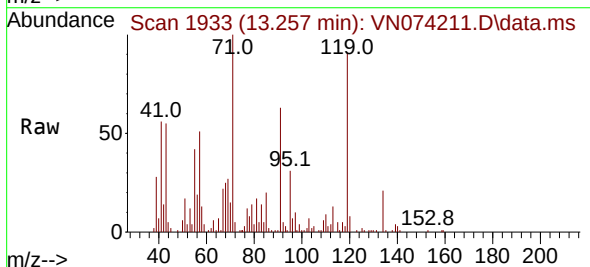
Instrument :
MSVOA_N
ClientSampleId :

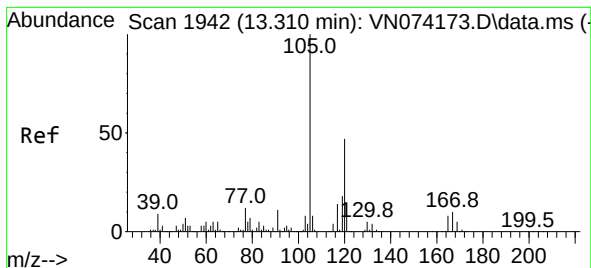
Tgt Ion: 91 Resp: 106612
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#



#83
tert-Butylbenzene
Concen: 2.964 ug/l
RT: 13.257 min Scan# 1933
Delta R.T. -0.006 min
Lab File: VN074211.D
Acq: 31 Aug 2022 13:56

Tgt Ion: 119 Resp: 37596
Ion Ratio Lower Upper
119 100
91 68.7 31.6 94.8
134 26.0 13.7 41.1





#84

1,2,4-Trimethylbenzene

Concen: 121.085 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. -0.006 min

Lab File: VN074211.D

Acq: 31 Aug 2022 13:56

Instrument :

MSVOA_N

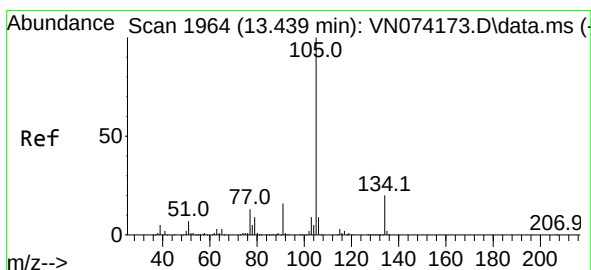
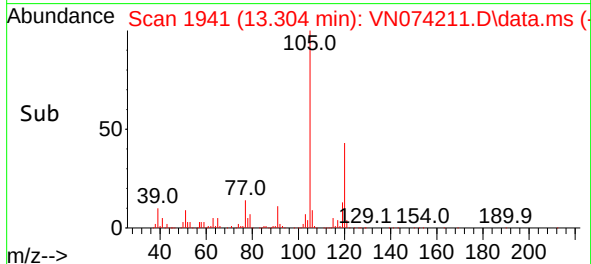
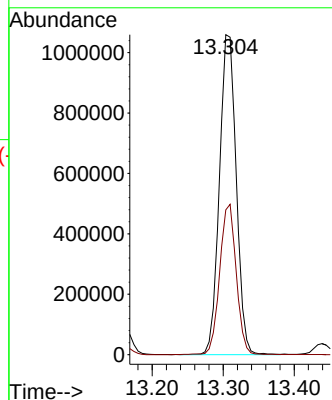
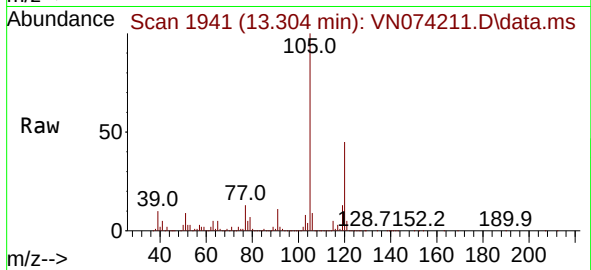
ClientSampleId :

Tgt Ion:105 Resp: 1732987

Ion Ratio Lower Upper

105 100

120 46.3 23.3 69.8



#85

sec-Butylbenzene

Concen: 3.158 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VN074211.D

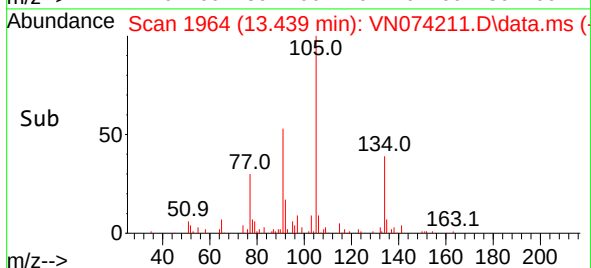
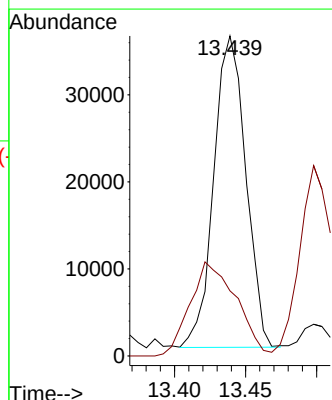
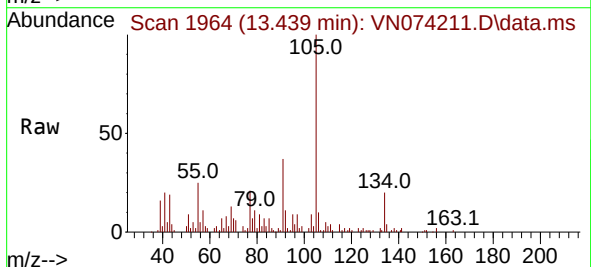
Acq: 31 Aug 2022 13:56

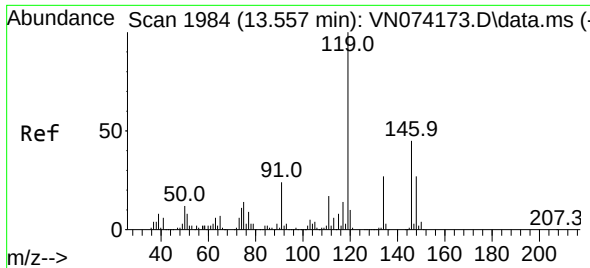
Tgt Ion:105 Resp: 56190

Ion Ratio Lower Upper

105 100

134 43.3 10.4 31.1#

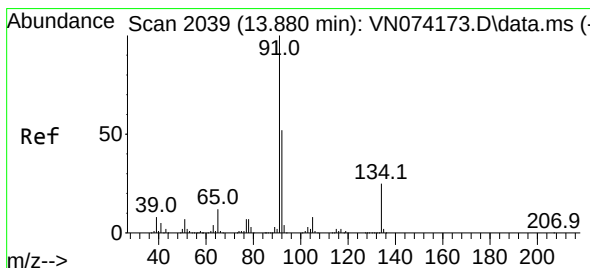
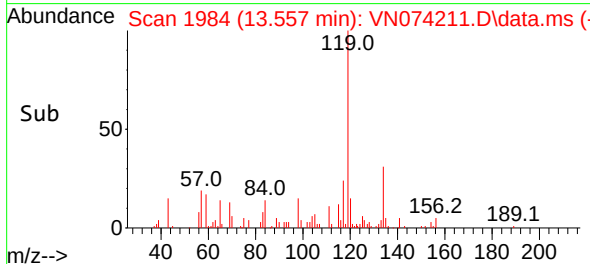
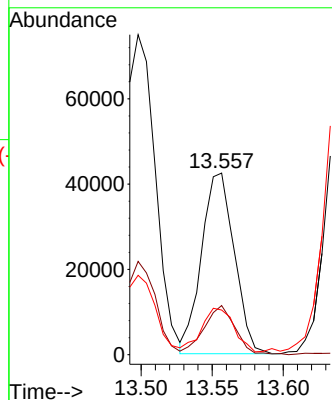
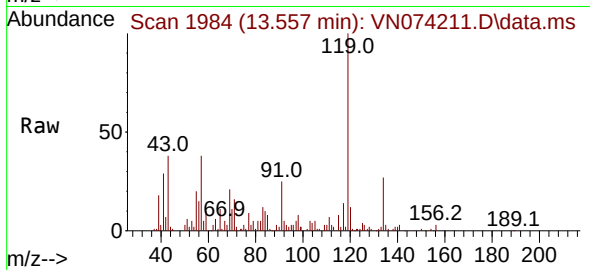




#86
 p-Isopropyltoluene
 Concen: 4.909 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN074211.D
 Acq: 31 Aug 2022 13:56

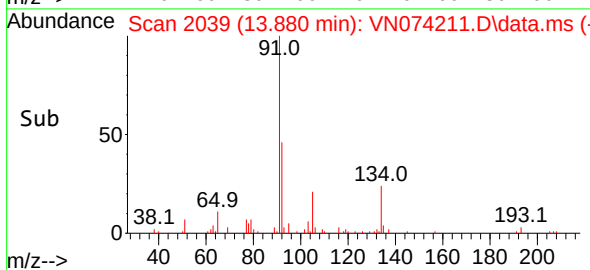
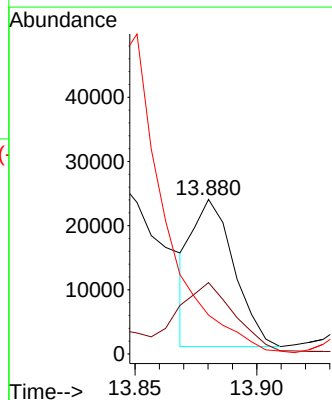
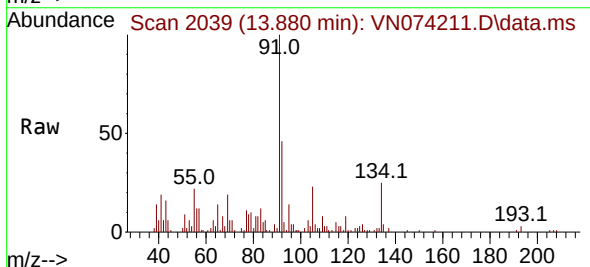
Instrument :
 MSVOA_N
 ClientSampleId :

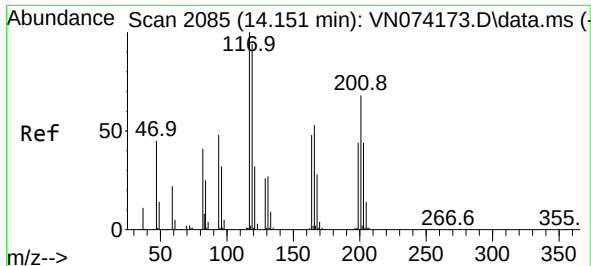
Tgt Ion:119 Resp: 67972
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.3 39.8
 91 23.1 11.3 33.9



#89
 n-Butylbenzene
 Concen: 2.264 ug/l
 RT: 13.880 min Scan# 2039
 Delta R.T. -0.000 min
 Lab File: VN074211.D
 Acq: 31 Aug 2022 13:56

Tgt Ion: 91 Resp: 27306
 Ion Ratio Lower Upper
 91 100
 92 68.8 26.9 80.7
 134 0.0 13.6 40.8#

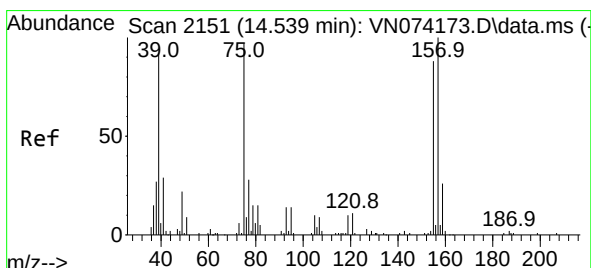
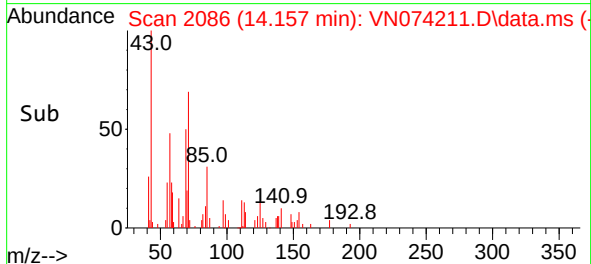
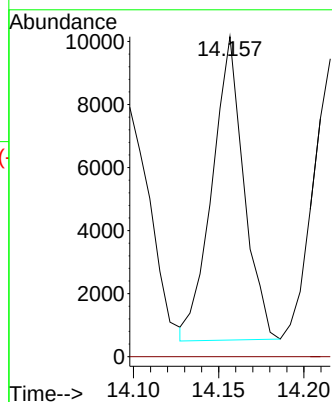
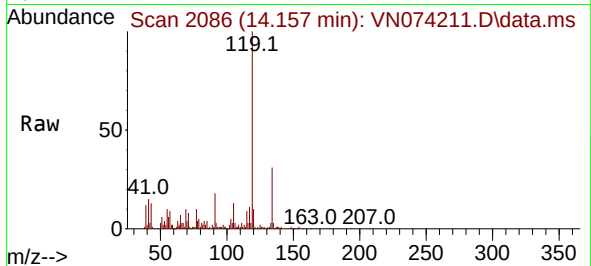




#90
Hexachloroethane
Concen: 4.372 ug/l
RT: 14.157 min Scan# 2086
Delta R.T. 0.006 min
Lab File: VN074211.D
Acq: 31 Aug 2022 13:56

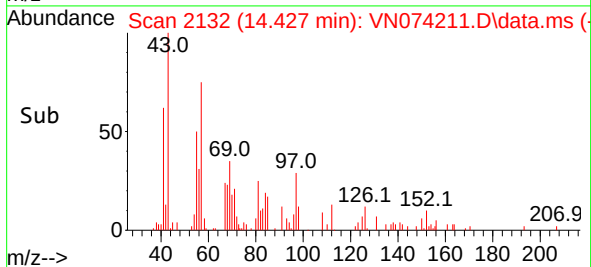
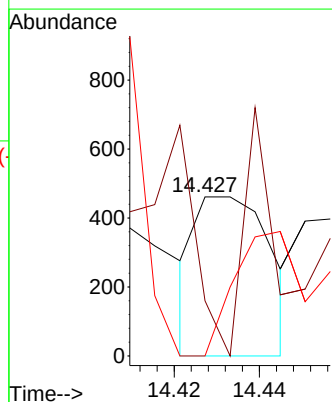
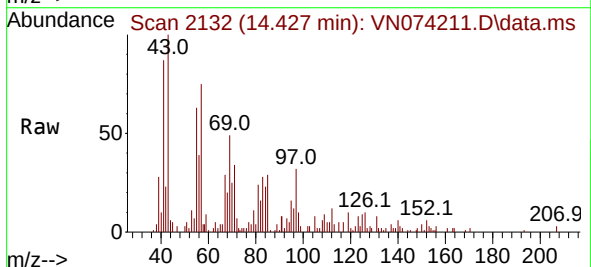
Instrument :
MSVOA_N
ClientSampleId :

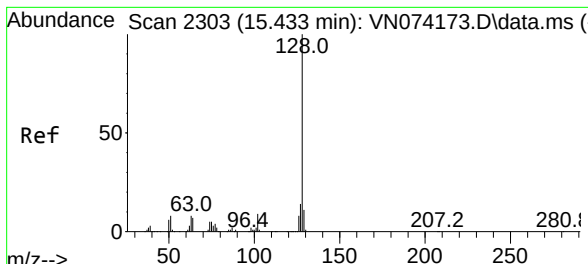
Tgt Ion:117 Resp: 12481
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.372 ug/l
RT: 14.427 min Scan# 2132
Delta R.T. -0.112 min
Lab File: VN074211.D
Acq: 31 Aug 2022 13:56

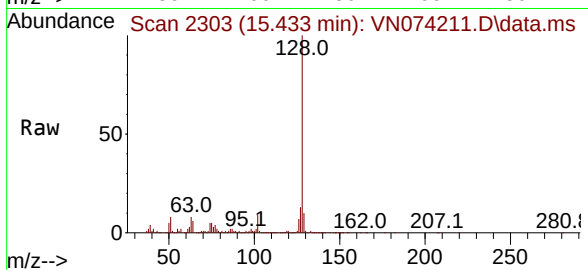
Tgt Ion: 75 Resp: 562
Ion Ratio Lower Upper
75 100
155 124.0 44.9 134.5
157 81.0 59.0 176.8





#95
 Naphthalene
 Concen: 41.917 ug/l
 RT: 15.433 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN074211.D
 Acq: 31 Aug 2022 13:56

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:128 Resp: 674155

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	10.4	8.6	13.0

