

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011422\
 Data File : VN070623.D
 Acq On : 14 Jan 2022 15:12
 Operator : JC/MD
 Sample : N1141-03
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 17 05:39:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.078	168	1165384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1920279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1630419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	796405	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	965219	57.604	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 115.200%	
35) Dibromofluoromethane	8.016	113	689943	59.382	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 118.760%	
50) Toluene-d8	10.440	98	2717221	57.249	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 114.500%	
62) 4-Bromofluorobenzene	12.733	95	1119687	65.315	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 130.640%	

Target Compounds				Qvalue		
8) Diethyl Ether	3.805	74	1873	0.216	ug/l #	1
13) Acrolein	4.030	56	1797	0.794	ug/l #	14
14) Allyl chloride	4.886	41	58759	2.184	ug/l #	69
15) Acrylonitrile	5.570	53	59388	6.821	ug/l #	48
16) Acetone	4.301	43	6175874	567.779	ug/l	97
18) Methyl Acetate	5.084	43	3380463	107.438	ug/l #	51
19) Methyl tert-butyl Ether	5.618	73	12326	0.280	ug/l #	1
20) Methylene Chloride	5.068	84	13797	0.917	ug/l #	1
22) Diisopropyl ether	6.503	45	31025	0.592	ug/l #	45
23) Vinyl Acetate	6.442	43	13971	0.344	ug/l #	80
25) 2-Butanone	7.348	43	214028	15.627	ug/l #	88
29) Tetrahydrofuran	7.699	42	11701	1.432	ug/l #	56
30) Chloroform	7.812	83	146821	5.600	ug/l #	67
31) Cyclohexane	8.061	56	2863146	108.282	ug/l #	51
36) 1,1-Dichloropropene	8.078	75	94660	4.925	ug/l #	48
37) Ethyl Acetate	7.348	43	214028	8.591	ug/l #	68
38) Carbon Tetrachloride	8.078	117	114673	6.248	ug/l #	16
39) Methylcyclohexane	9.453	83	2916494	125.337	ug/l #	83
40) Benzene	8.453	78	4114876	69.832	ug/l	99
41) Methacrylonitrile	7.662	41	17729	1.423	ug/l #	42
42) 1,2-Dichloroethane	8.450	62	36779	1.661	ug/l #	71
43) Isopropyl Acetate	8.547	43	607025	15.454	ug/l #	55
45) 1,2-Dichloropropane	9.451	63	35512	2.238	ug/l #	1
47) Bromodichloromethane	9.738	83	107948	5.511	ug/l #	29
48) Methyl methacrylate	9.587	41	194641	10.389	ug/l #	22
49) 1,4-Dioxane	9.585	88	512	1.867	ug/l #	1
51) 4-Methyl-2-Pentanone	10.368	43	280586	11.368	ug/l #	81
53) t-1,3-Dichloropropene	10.505	75	474323	22.367	ug/l #	1
55) 1,1,2-Trichloroethane	10.875	97	274505	19.452	ug/l #	24
56) Ethyl methacrylate	10.735	69	44174	1.894	ug/l #	24
58) 2-Chloroethyl Vinyl ether	10.017	63	4862	19.269	ug/l #	45
59) 2-Hexanone	11.052	43	309185	17.178	ug/l #	29
67) Ethyl Benzene	11.846	91	8564086	135.114	ug/l	97
68) m/p-Xylenes	11.950	106	10392722	450.444	ug/l #	1
69) o-Xylene	12.280	106	2906080	126.632	ug/l	92
70) Styrene	12.280	104	151838	4.180	ug/l #	1

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

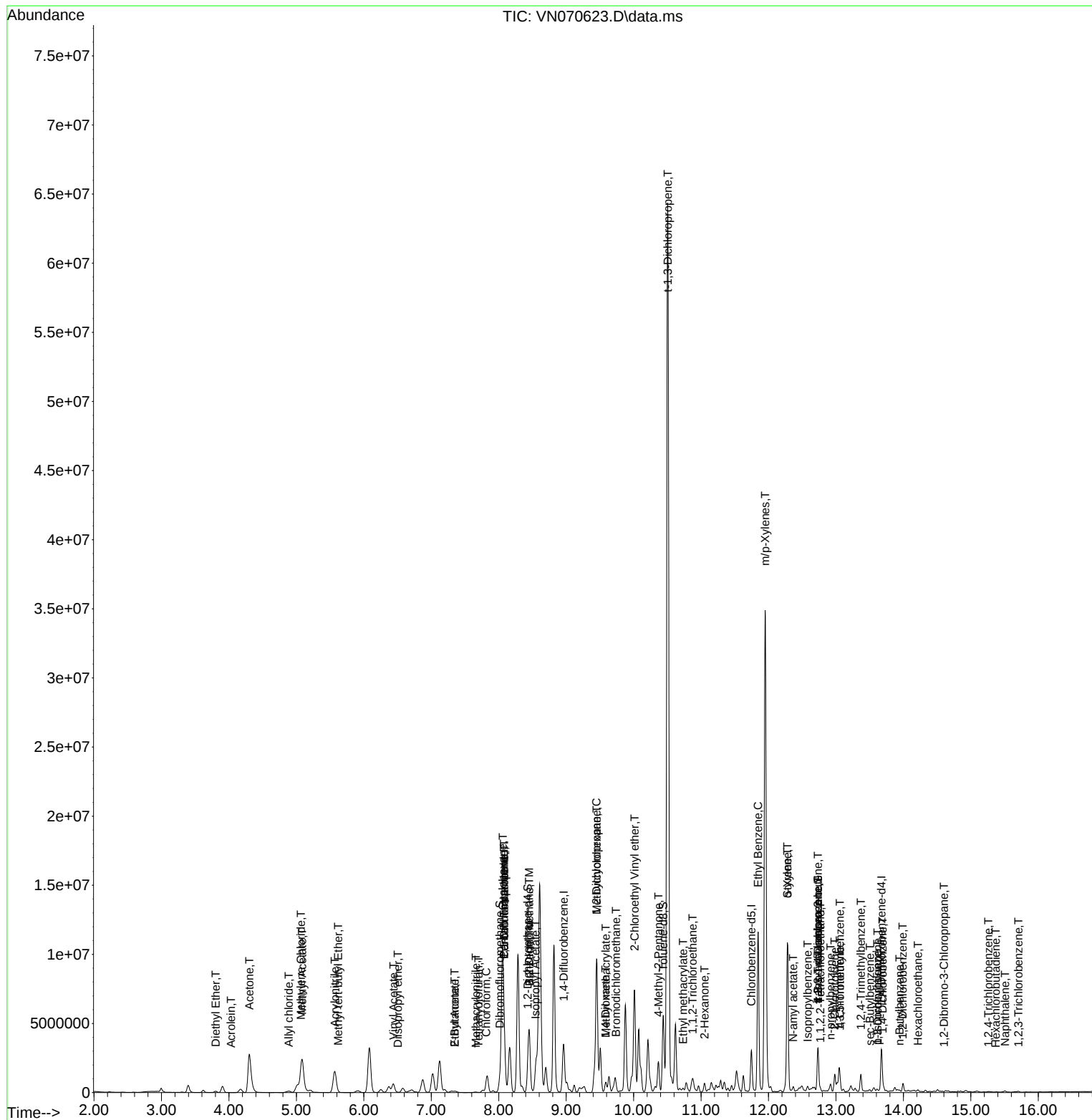
73) Isopropylbenzene	12.581	105	218586	2.956	ug/l	97
74) N-amyl acetate	12.366	43	85310	2.743	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	12.768	83	1268	0.494	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	584105	26.153	ug/l #	1
78) n-propylbenzene	12.921	91	439789	5.367	ug/l	95
79) 2-Chlorotoluene	12.983	91	85621	1.628	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.061	105	251339	4.241	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.733	75	584105	89.608	ug/l #	5
82) 4-Chlorotoluene	13.058	91	21401	0.435	ug/l #	40
84) 1,2,4-Trimethylbenzene	13.369	105	719157	12.601	ug/l	96
85) sec-Butylbenzene	13.503	105	63543	0.897	ug/l	87
86) p-Isopropyltoluene	13.616	119	39726	0.714	ug/l	97
87) 1,3-Dichlorobenzene	13.618	146	7355	0.259	ug/l #	62
88) 1,4-Dichlorobenzene	13.694	146	8532	0.304	ug/l #	1
89) n-Butylbenzene	13.943	91	58115	1.252	ug/l #	80
90) Hexachloroethane	14.217	117	5921	0.612	ug/l #	8
91) 1,2-Dichlorobenzene	13.991	146	7165	0.257	ug/l #	67
92) 1,2-Dibromo-3-Chloropr...	14.603	75	1282	0.299	ug/l	92
93) 1,2,4-Trichlorobenzene	15.263	180	14651	1.116	ug/l	90
94) Hexachlorobutadiene	15.370	225	1620	0.212	ug/l	86
95) Naphthalene	15.507	128	83795	4.023	ug/l	100
96) 1,2,3-Trichlorobenzene	15.705	180	17455	2.193	ug/l	97

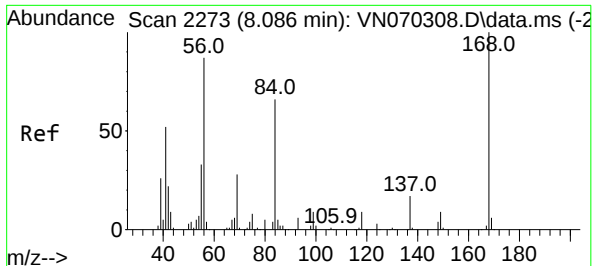
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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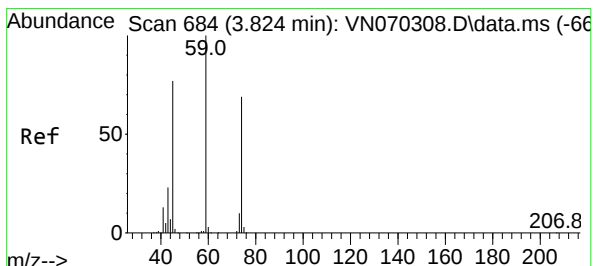
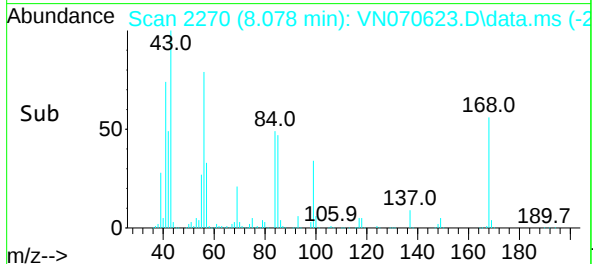
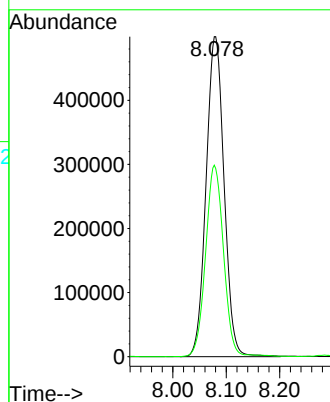
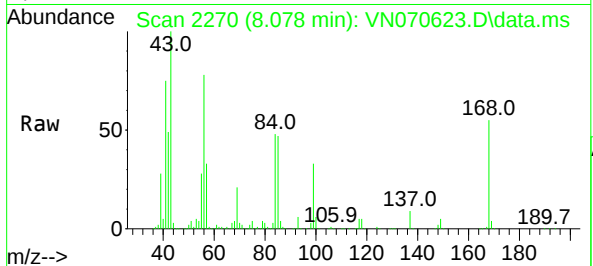




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.078 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070623.D
Acq: 14 Jan 2022 15:12

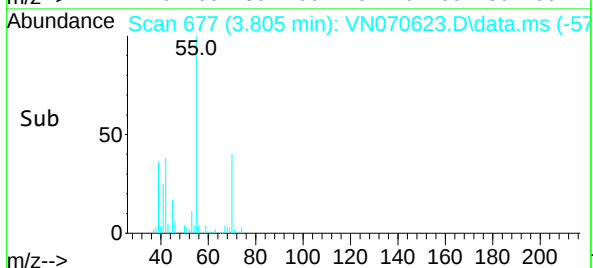
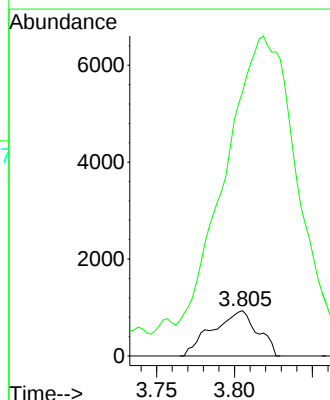
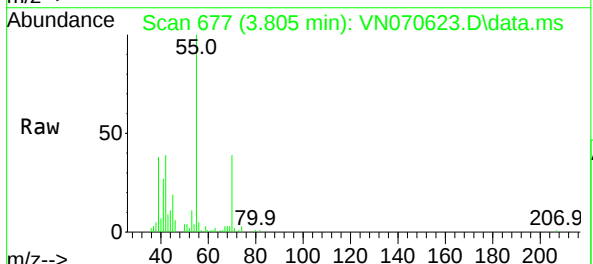
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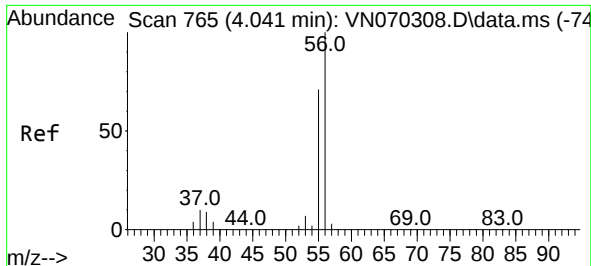
Tgt Ion:168 Resp: 1165384
Ion Ratio Lower Upper
168 100
99 59.8 41.3 61.9



#8
Diethyl Ether
Concen: 0.216 ug/l
RT: 3.805 min Scan# 677
Delta R.T. -0.019 min
Lab File: VN070623.D
Acq: 14 Jan 2022 15:12

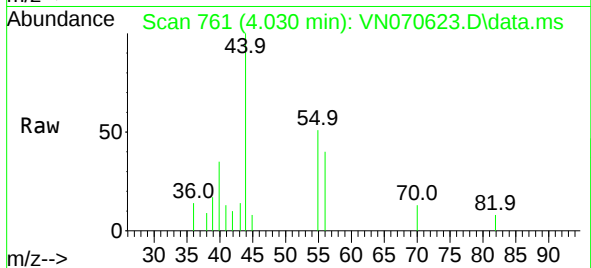
Tgt Ion: 74 Resp: 1873
Ion Ratio Lower Upper
74 100
45 1005.0 47.0 141.2#



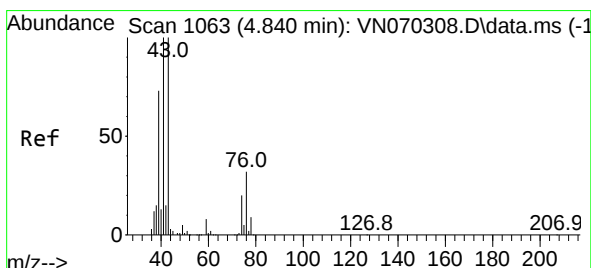
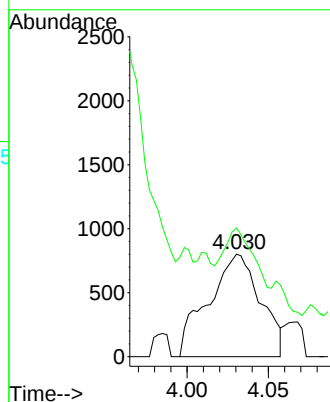
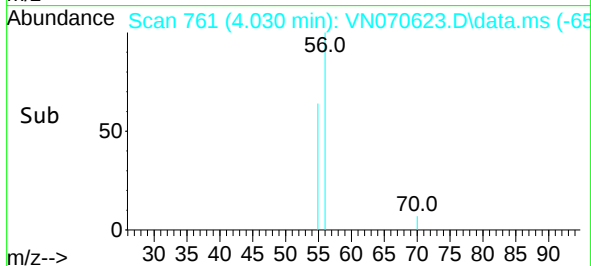


#13
Acrolein
Concen: 0.794 ug/l
RT: 4.030 min Scan# 70
Delta R.T. -0.011 min
Lab File: VN070623.D
Acq: 14 Jan 2022 15:12

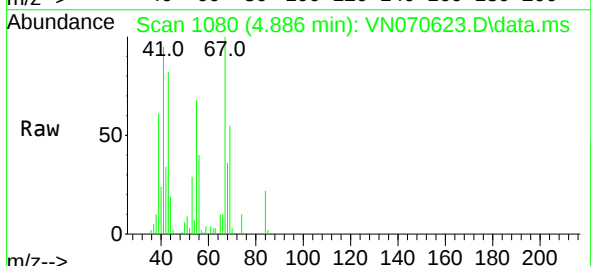
Instrument :
MSVOA_N
ClientSampleId :



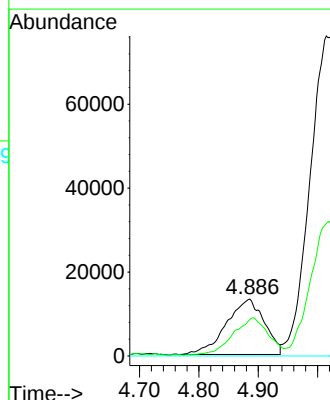
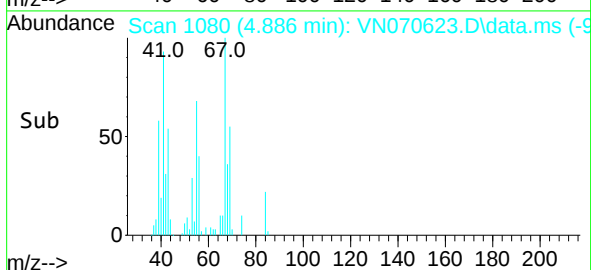
Tgt Ion: 56 Resp: 1797
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#

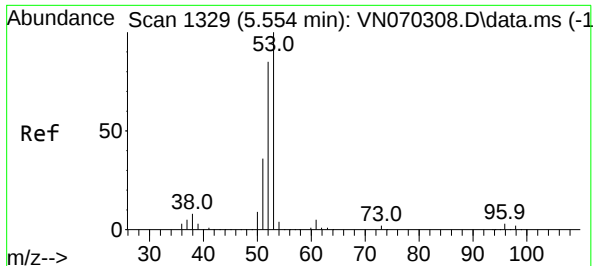


#14
Allyl chloride
Concen: 2.184 ug/l
RT: 4.886 min Scan# 1080
Delta R.T. 0.046 min
Lab File: VN070623.D
Acq: 14 Jan 2022 15:12



Tgt Ion: 41 Resp: 58759
Ion Ratio Lower Upper
41 100
39 59.6 61.2 91.8#
76 0.0 26.0 39.0#

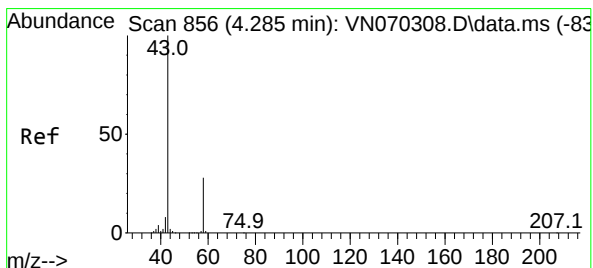
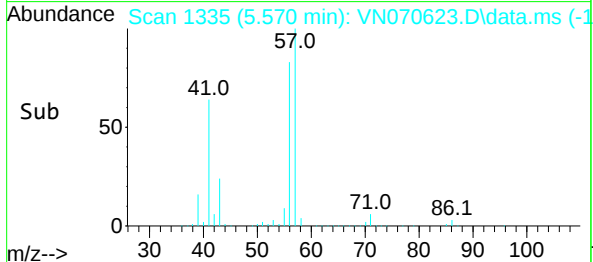
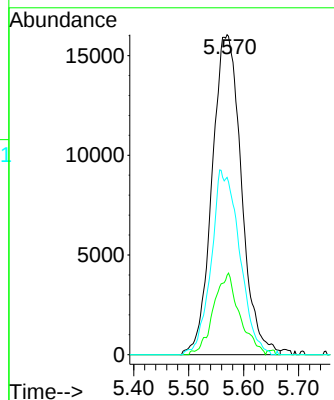
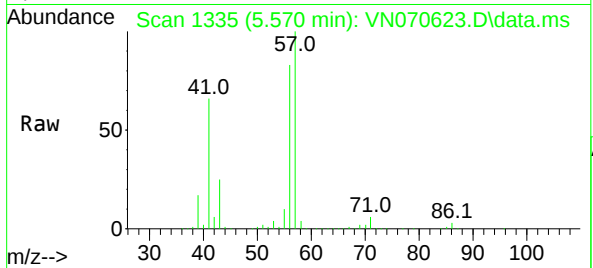




#15
Acrylonitrile
Concen: 6.821 ug/l
RT: 5.570 min Scan# 11
Delta R.T. 0.016 min
Lab File: VN070623.D
Acq: 14 Jan 2022 15:12

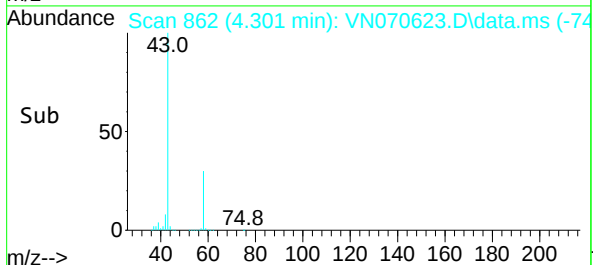
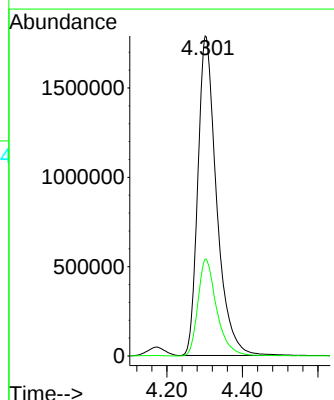
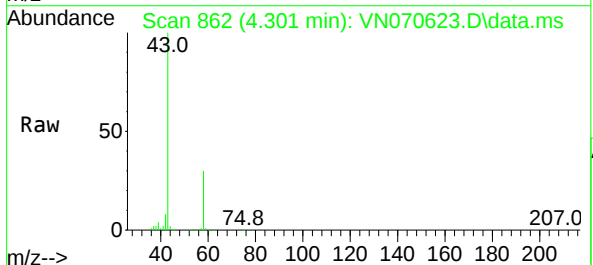
Instrument :
MSVOA_N
ClientSampleId :

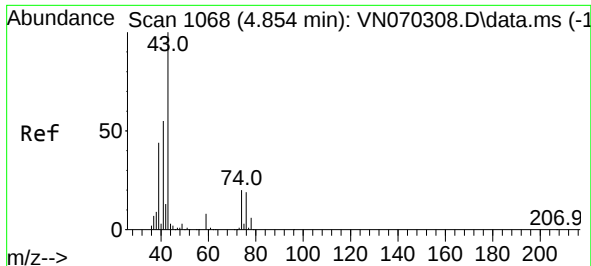
Tgt Ion: 53 Resp: 59388
Ion Ratio Lower Upper
53 100
52 22.7 66.2 99.2#
51 26.4 29.6 44.4#



#16
Acetone
Concen: 567.779 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.016 min
Lab File: VN070623.D
Acq: 14 Jan 2022 15:12

Tgt Ion: 43 Resp: 6175874
Ion Ratio Lower Upper
43 100
58 30.3 23.1 34.7





#18

Methyl Acetate

Concen: 107.438 ug/l

RT: 5.084 min Scan# 1154

Delta R.T. 0.230 min

Lab File: VN070623.D

Acq: 14 Jan 2022 15:12

Instrument :

MSVOA_N

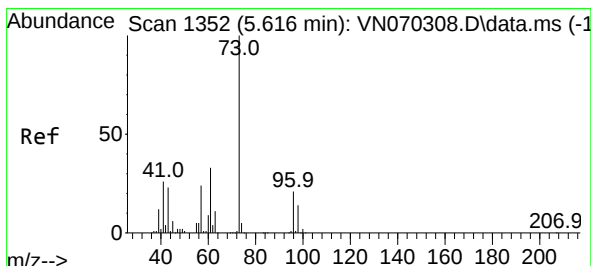
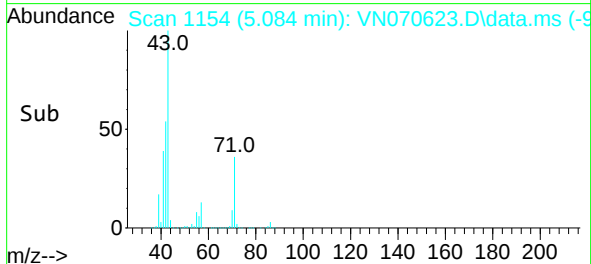
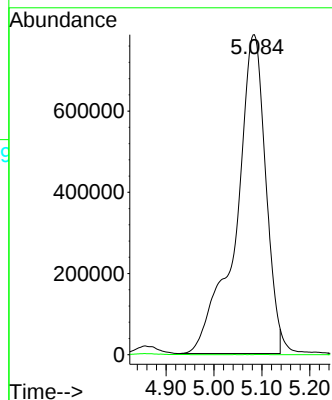
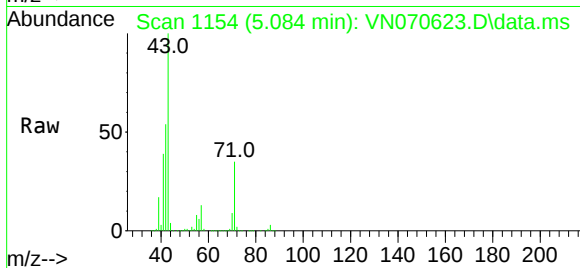
ClientSampleId :

Tgt Ion: 43 Resp: 3380463

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#



#19

Methyl tert-butyl Ether

Concen: 0.280 ug/l

RT: 5.618 min Scan# 1353

Delta R.T. 0.002 min

Lab File: VN070623.D

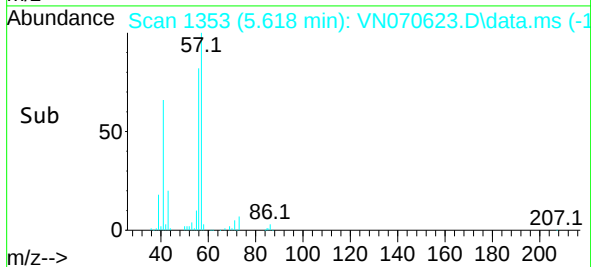
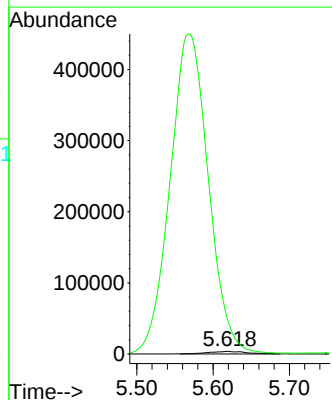
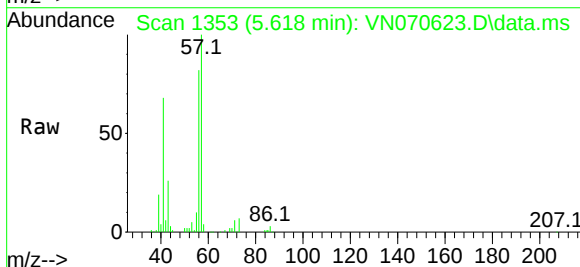
Acq: 14 Jan 2022 15:12

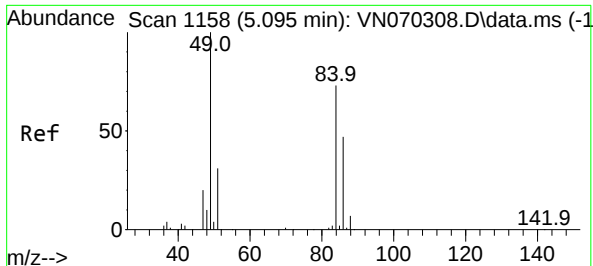
Tgt Ion: 73 Resp: 12326

Ion Ratio Lower Upper

73 100

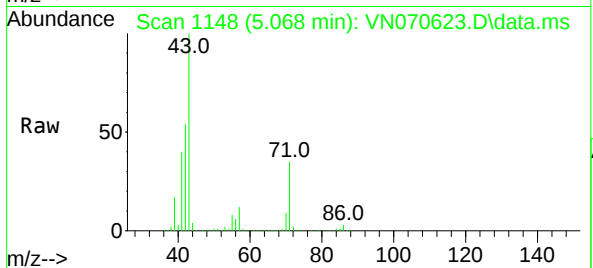
57 1388.4 16.8 25.2#



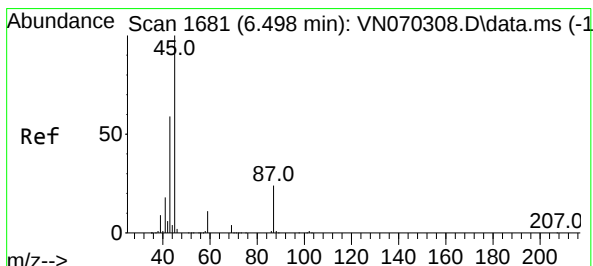
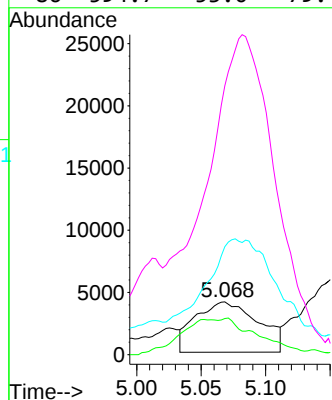
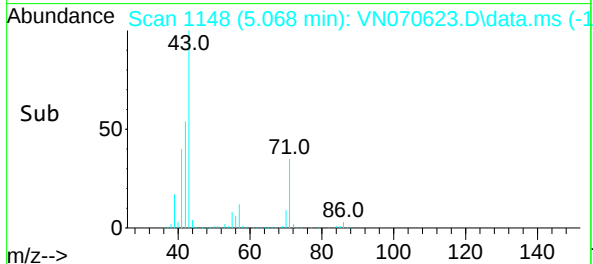


#20
Methylene Chloride
Concen: 0.917 ug/l
RT: 5.068 min Scan# 1158
Delta R.T. -0.027 min
Lab File: VN070623.D
Acq: 14 Jan 2022 15:12

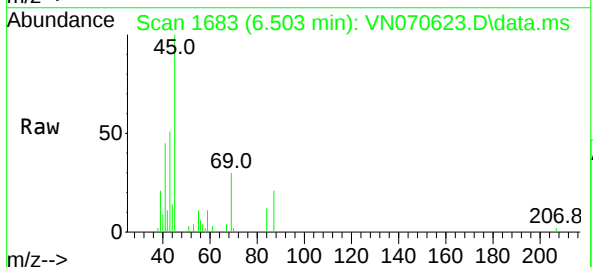
Instrument :
MSVOA_N
ClientSampleId :



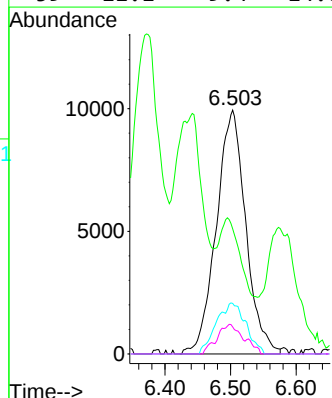
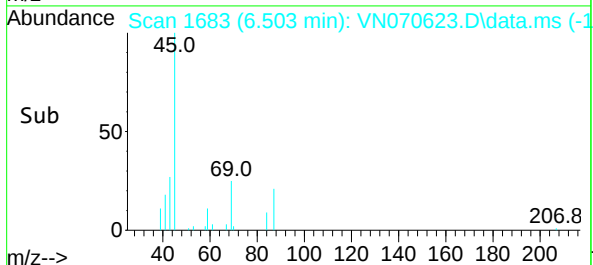
Tgt Ion: 84 Resp: 13797
Ion Ratio Lower Upper
84 100
49 86.7 93.5 140.3#
51 239.7 29.4 44.2#
86 594.7 53.0 79.4#

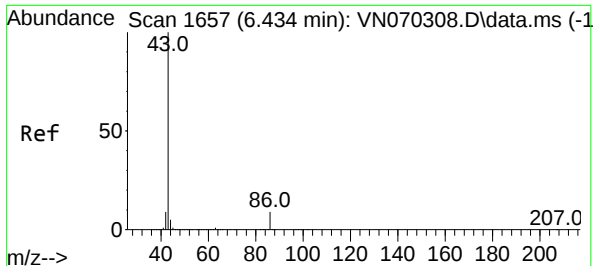


#22
Diisopropyl ether
Concen: 0.592 ug/l
RT: 6.503 min Scan# 1683
Delta R.T. 0.005 min
Lab File: VN070623.D
Acq: 14 Jan 2022 15:12



Tgt Ion: 45 Resp: 31025
Ion Ratio Lower Upper
45 100
43 0.0 51.7 77.5#
87 20.7 23.2 34.8#
59 11.1 9.4 14.0

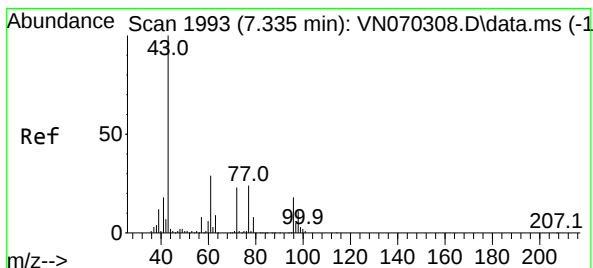
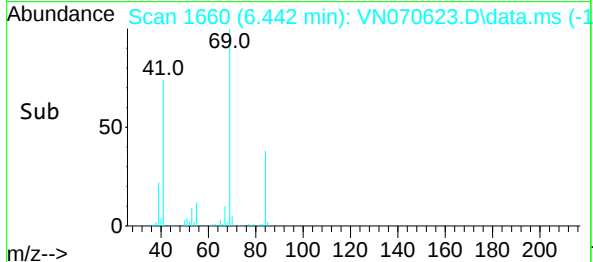
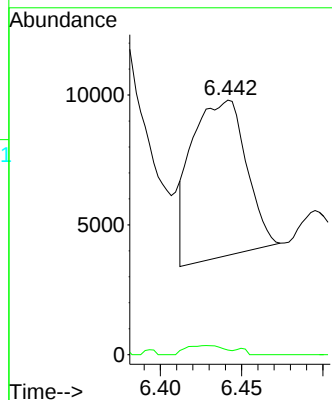
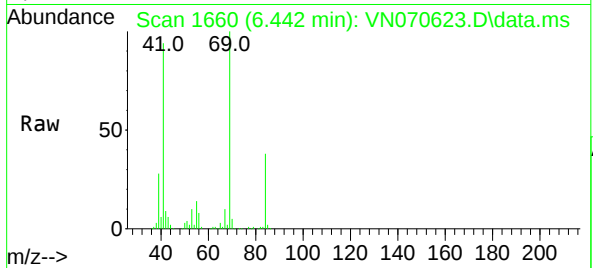




#23
 Vinyl Acetate
 Concen: 0.344 ug/l
 RT: 6.442 min Scan# 1
 Delta R.T. 0.008 min
 Lab File: VN070623.D
 Acq: 14 Jan 2022 15:12

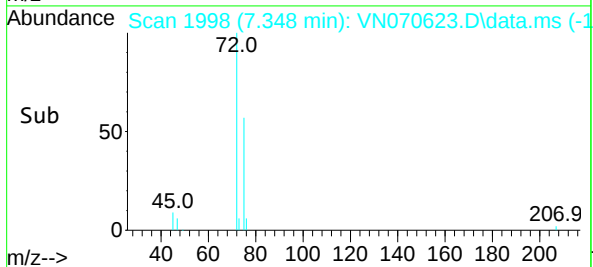
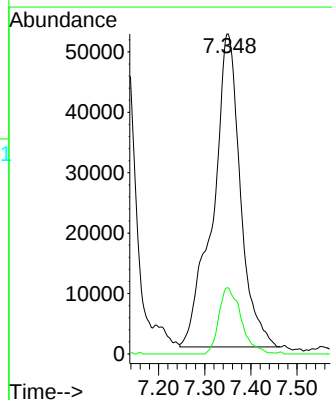
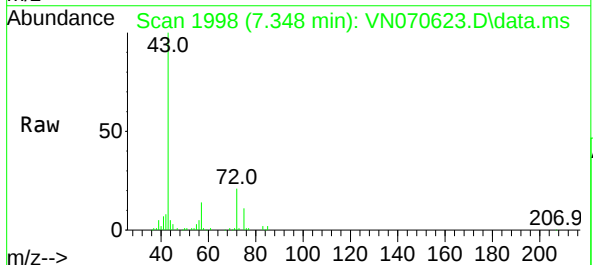
Instrument :
 MSVOA_N
 ClientSampleId :

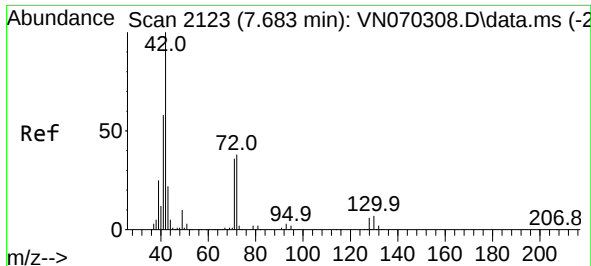
Tgt Ion: 43 Resp: 13971
 Ion Ratio Lower Upper
 43 100
 86 3.2 8.5 12.7#



#25
 2-Butanone
 Concen: 15.627 ug/l
 RT: 7.348 min Scan# 1998
 Delta R.T. 0.013 min
 Lab File: VN070623.D
 Acq: 14 Jan 2022 15:12

Tgt Ion: 43 Resp: 214028
 Ion Ratio Lower Upper
 43 100
 72 21.1 21.7 32.5#





#29

Tetrahydrofuran

Concen: 1.432 ug/l

RT: 7.699 min Scan# 2129

Delta R.T. 0.016 min

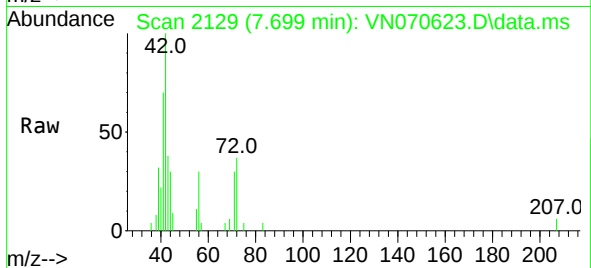
Lab File: VN070623.D

Acq: 14 Jan 2022 15:12

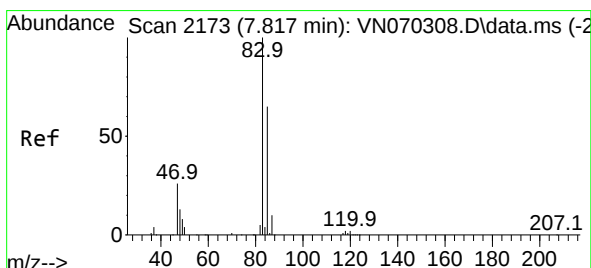
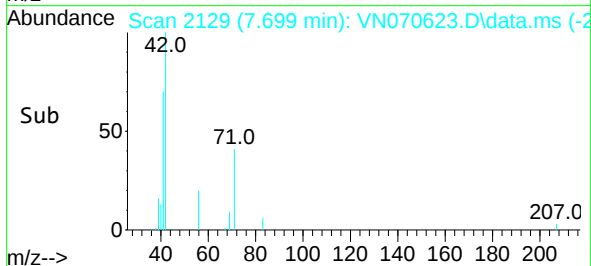
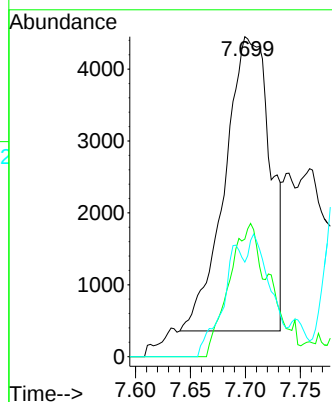
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	11701
Ion Ratio	Lower	Upper	
42	100		
72	31.4	36.3	54.5#
71	0.0	34.7	52.1#



#30

Chloroform

Concen: 5.600 ug/l

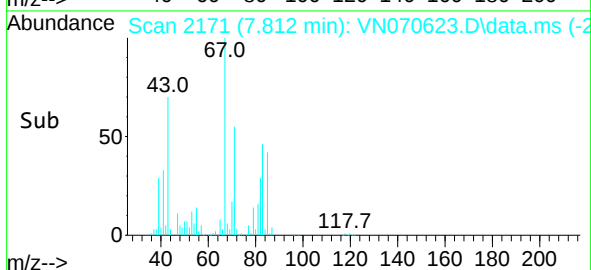
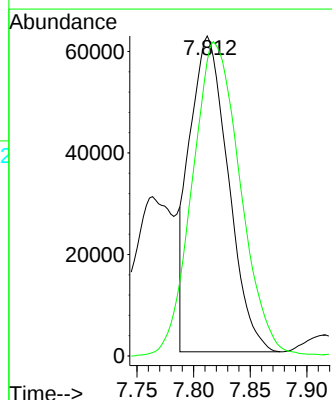
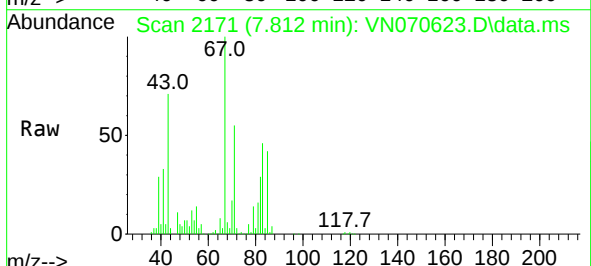
RT: 7.812 min Scan# 2171

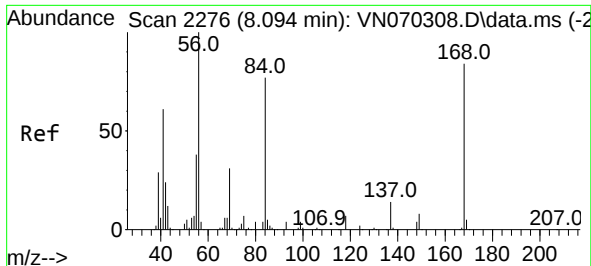
Delta R.T. -0.005 min

Lab File: VN070623.D

Acq: 14 Jan 2022 15:12

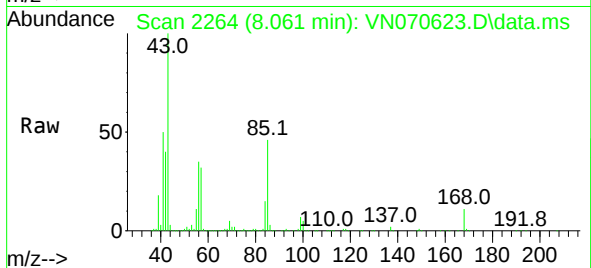
Tgt Ion:	83	Resp:	146821
Ion Ratio	Lower	Upper	
83	100		
85	90.6	51.9	77.9#



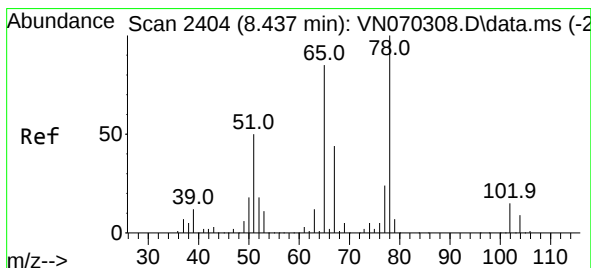
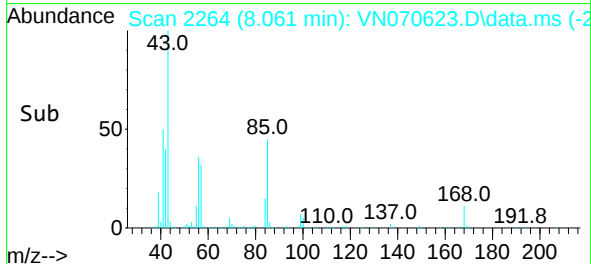
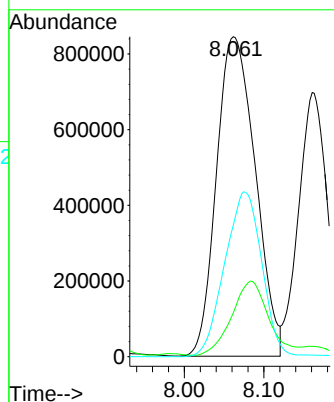


#31
Cyclohexane
Concen: 108.282 ug/l
RT: 8.061 min Scan# 21
Delta R.T. -0.033 min
Lab File: VN070623.D
Acq: 14 Jan 2022 15:12

Instrument :
MSVOA_N
ClientSampleId :

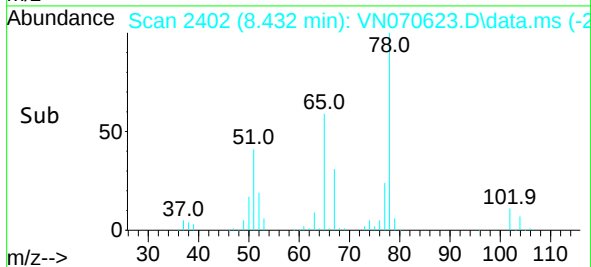
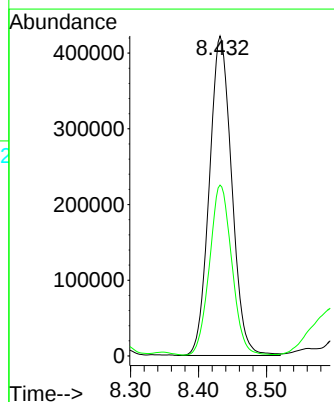
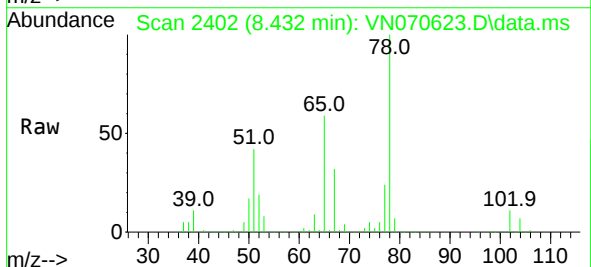


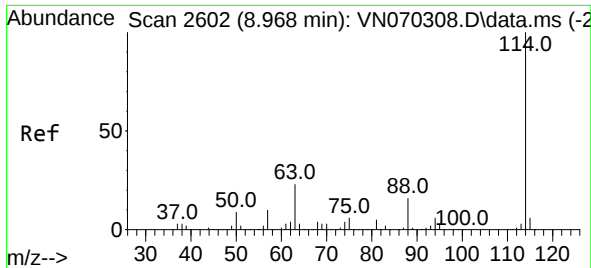
Tgt Ion: 56 Resp: 2863146
Ion Ratio Lower Upper
56 100
69 12.9 27.1 40.7#
84 41.2 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 57.604 ug/l
RT: 8.432 min Scan# 2402
Delta R.T. -0.005 min
Lab File: VN070623.D
Acq: 14 Jan 2022 15:12

Tgt Ion: 65 Resp: 965219
Ion Ratio Lower Upper
65 100
67 53.0 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2

Delta R.T. -0.003 min

Lab File: VN070623.D

Acq: 14 Jan 2022 15:12

Instrument :

MSVOA_N

ClientSampleId :

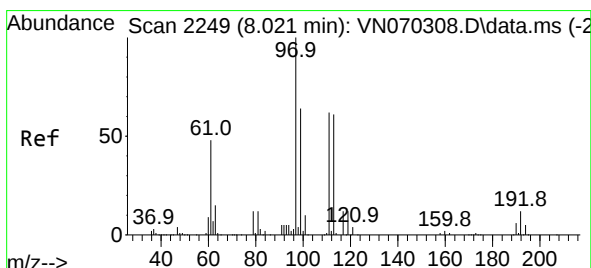
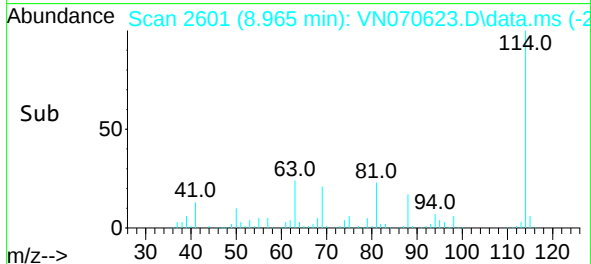
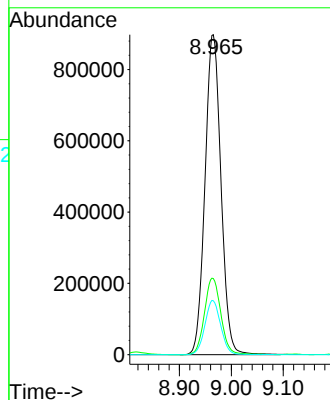
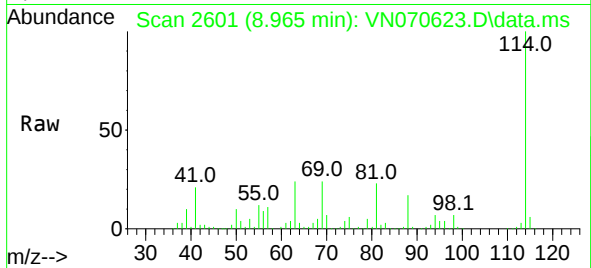
Tgt Ion:114 Resp: 1920279

Ion Ratio Lower Upper

114 100

63 23.8 0.0 37.8

88 16.8 0.0 27.4



#35

Dibromofluoromethane

Concen: 59.382 ug/l

RT: 8.016 min Scan# 2247

Delta R.T. -0.005 min

Lab File: VN070623.D

Acq: 14 Jan 2022 15:12

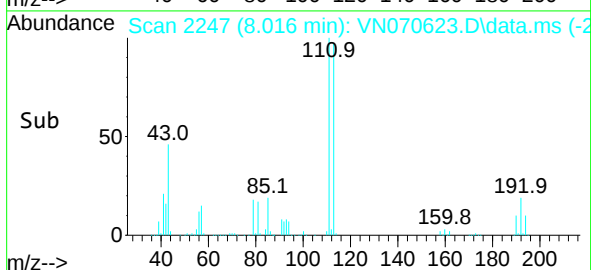
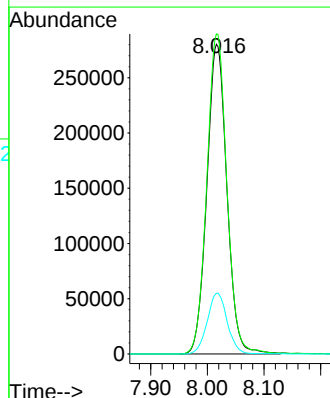
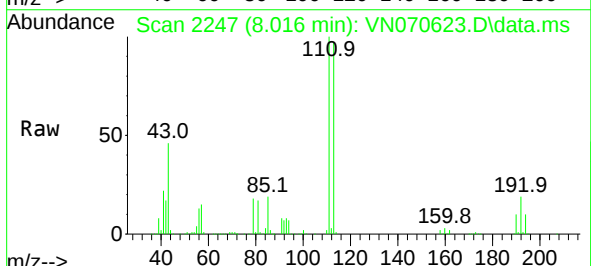
Tgt Ion:113 Resp: 689943

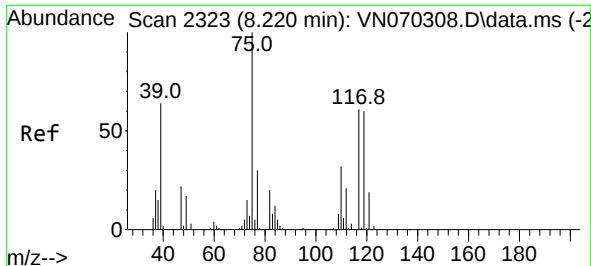
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

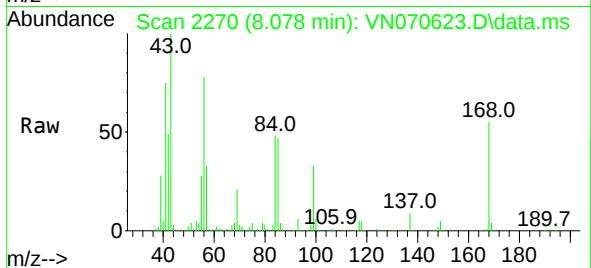
192 19.6 16.9 25.3



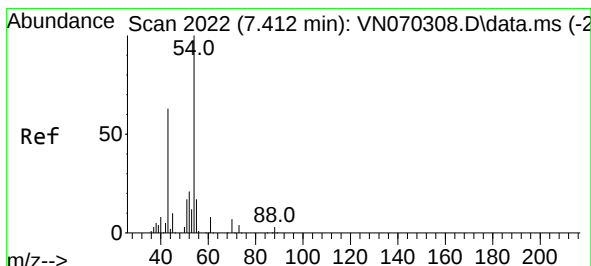
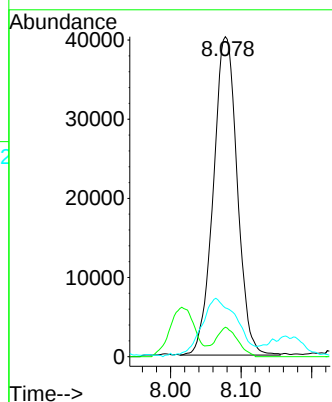
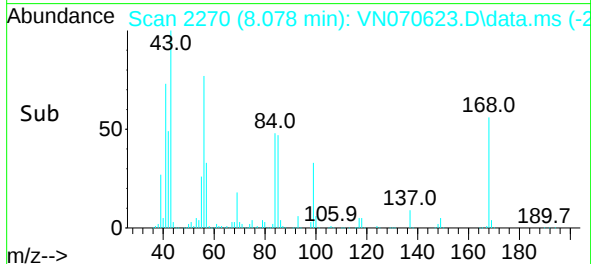


#36
 1,1-Dichloropropene
 Concen: 4.925 ug/l
 RT: 8.078 min Scan# 21
 Delta R.T. -0.142 min
 Lab File: VN070623.D
 Acq: 14 Jan 2022 15:12

Instrument :
 MSVOA_N
 ClientSampleId :

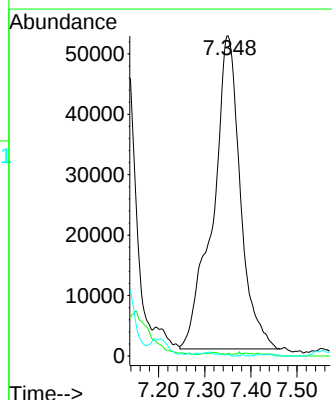
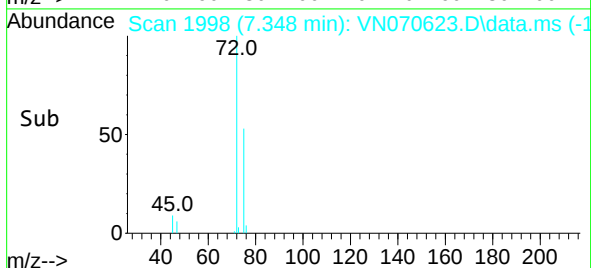
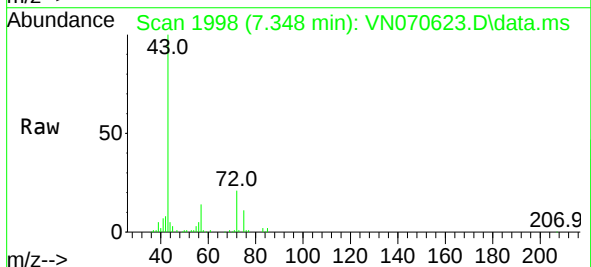


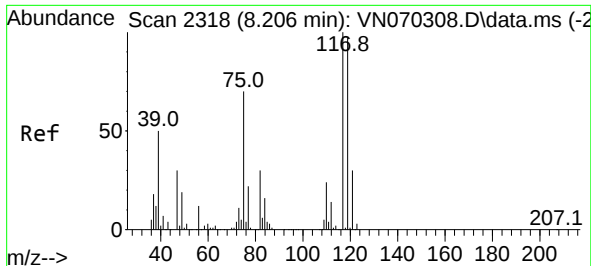
Tgt Ion: 75 Resp: 94660
 Ion Ratio Lower Upper
 75 100
 110 8.1 18.4 55.2#
 77 0.0 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 8.591 ug/l
 RT: 7.348 min Scan# 1998
 Delta R.T. -0.064 min
 Lab File: VN070623.D
 Acq: 14 Jan 2022 15:12

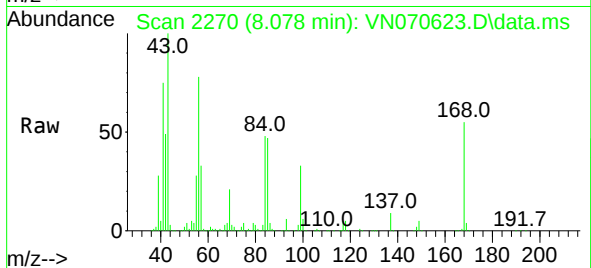
Tgt Ion: 43 Resp: 214028
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.5 17.3#
 70 0.0 7.9 11.9#



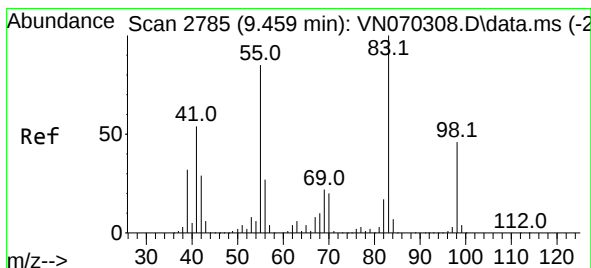
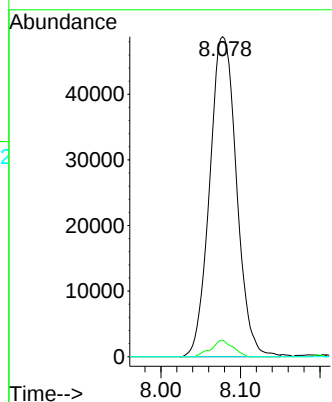
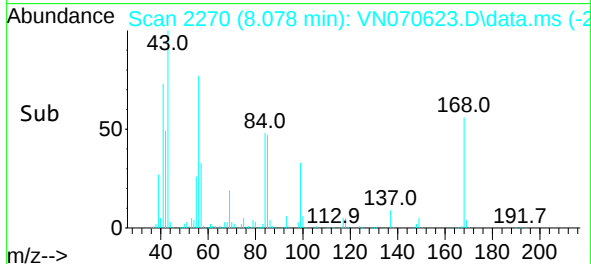


#38
Carbon Tetrachloride
Concen: 6.248 ug/l
RT: 8.078 min Scan# 211
Delta R.T. -0.128 min
Lab File: VN070623.D
Acq: 14 Jan 2022 15:12

Instrument :
MSVOA_N
ClientSampleId :

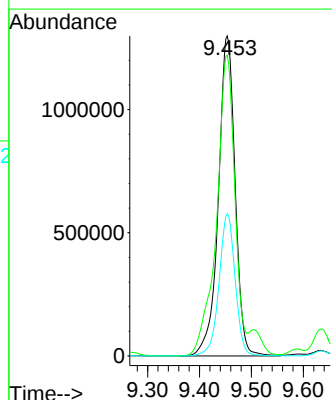
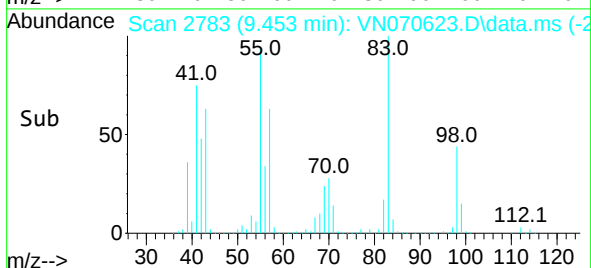
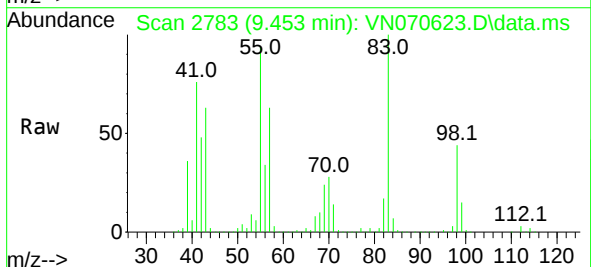


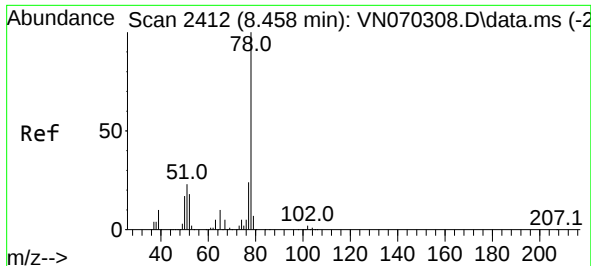
Tgt Ion:117 Resp: 114673
Ion Ratio Lower Upper
117 100
119 5.2 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 125.337 ug/l
RT: 9.453 min Scan# 2783
Delta R.T. -0.006 min
Lab File: VN070623.D
Acq: 14 Jan 2022 15:12

Tgt Ion: 83 Resp: 2916494
Ion Ratio Lower Upper
83 100
55 93.9 58.1 87.1#
98 44.4 38.4 57.6





#40

Benzene

Concen: 69.832 ug/l

RT: 8.453 min Scan# 2411

Delta R.T. -0.005 min

Lab File: VN070623.D

Acq: 14 Jan 2022 15:12

Instrument :

MSVOA_N

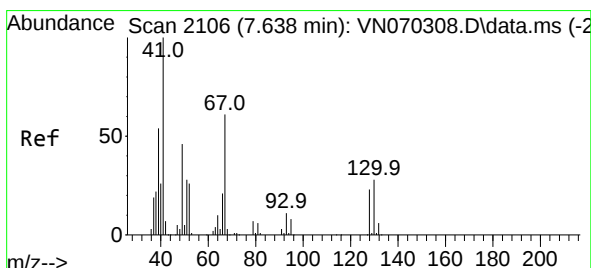
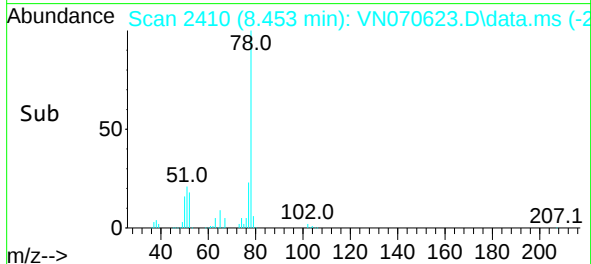
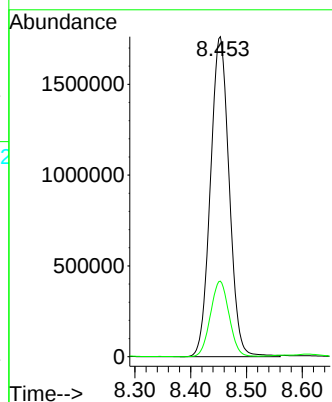
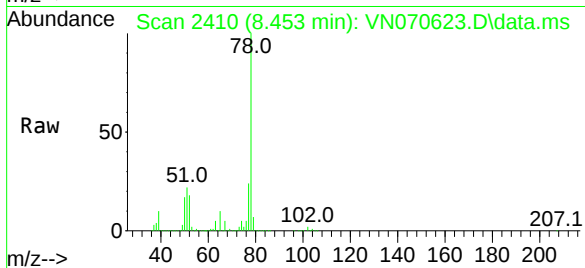
ClientSampleId :

Tgt Ion: 78 Resp: 4114876

Ion Ratio Lower Upper

78 100

77 23.6 18.6 27.8



#41

Methacrylonitrile

Concen: 1.423 ug/l

RT: 7.662 min Scan# 2115

Delta R.T. 0.024 min

Lab File: VN070623.D

Acq: 14 Jan 2022 15:12

Tgt Ion: 41 Resp: 17729

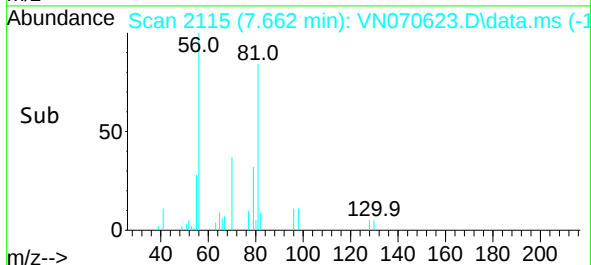
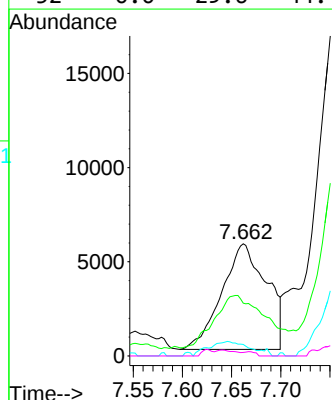
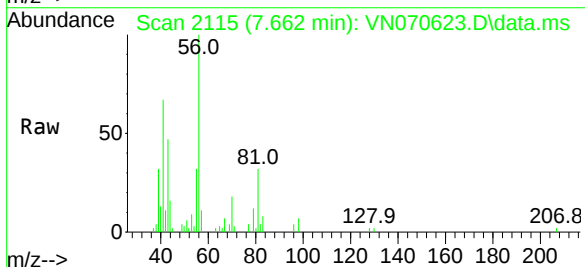
Ion Ratio Lower Upper

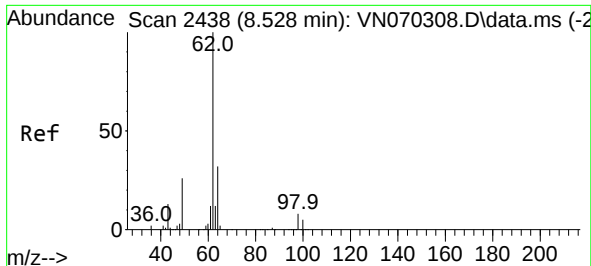
41 100

39 56.5 48.1 72.1

67 0.0 68.3 102.5#

52 0.0 29.6 44.4#





#42

1,2-Dichloroethane

Concen: 1.661 ug/l

RT: 8.450 min Scan# 2438

Delta R.T. -0.078 min

Lab File: VN070623.D

Acq: 14 Jan 2022 15:12

Instrument :

MSVOA_N

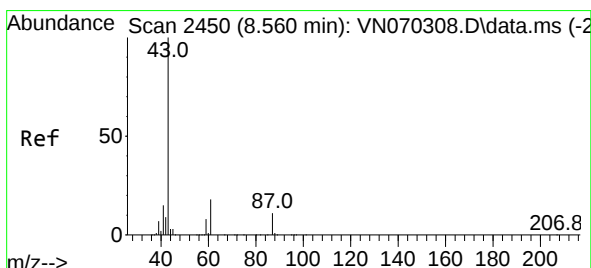
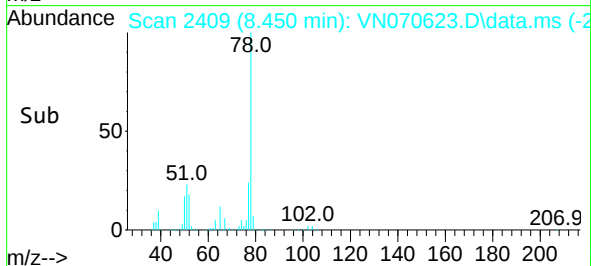
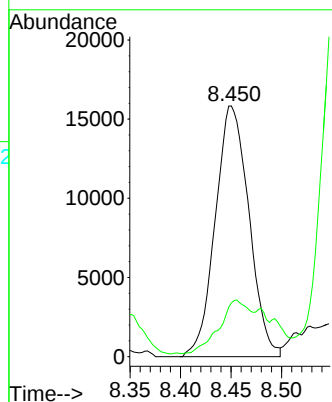
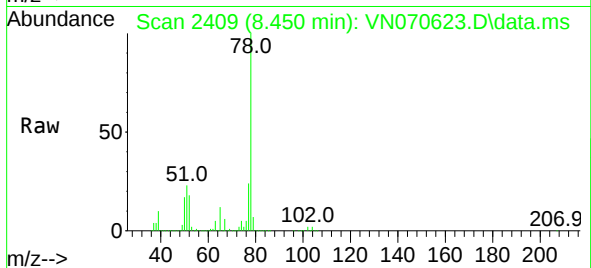
ClientSampleId :

Tgt Ion: 62 Resp: 36779

Ion Ratio Lower Upper

62 100

98 19.3 0.0 17.6#



#43

Isopropyl Acetate

Concen: 15.454 ug/l

RT: 8.547 min Scan# 2445

Delta R.T. -0.013 min

Lab File: VN070623.D

Acq: 14 Jan 2022 15:12

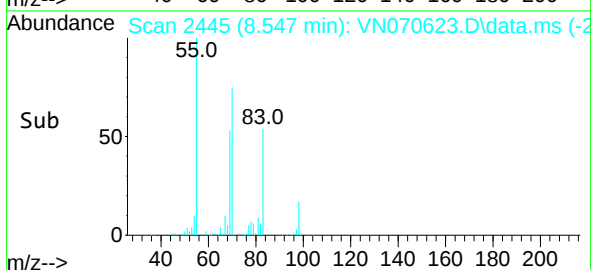
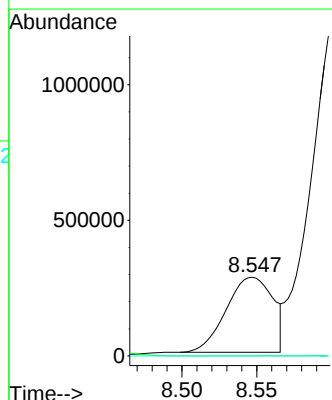
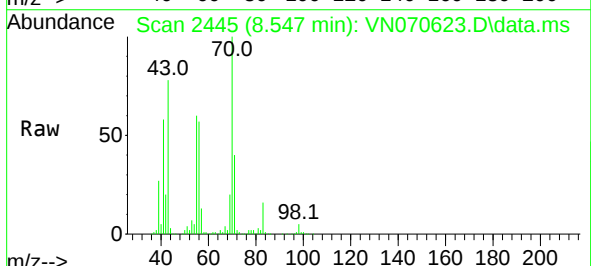
Tgt Ion: 43 Resp: 607025

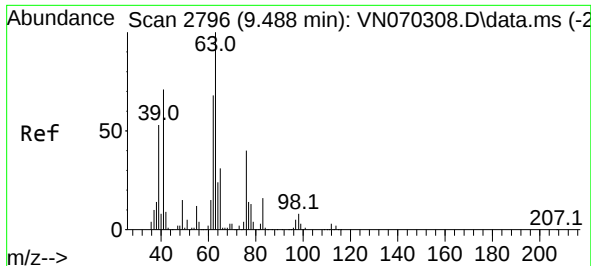
Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

87 0.0 11.2 16.8#





#45

1,2-Dichloropropane

Concen: 2.238 ug/l

RT: 9.451 min Scan# 21

Delta R.T. -0.037 min

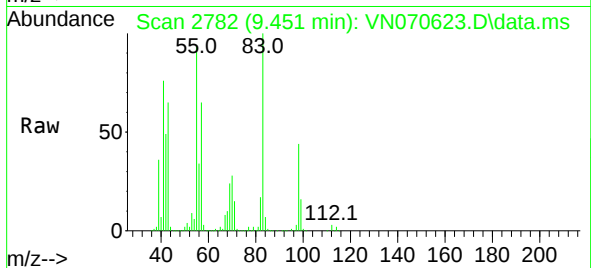
Lab File: VN070623.D

Acq: 14 Jan 2022 15:12

Instrument :

MSVOA_N

ClientSampleId :

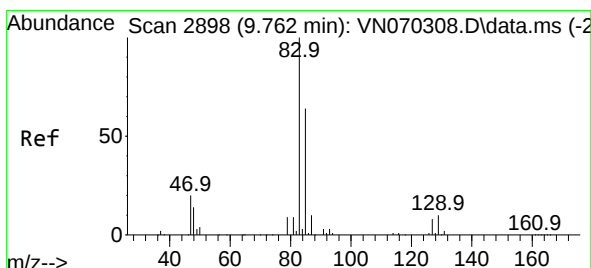
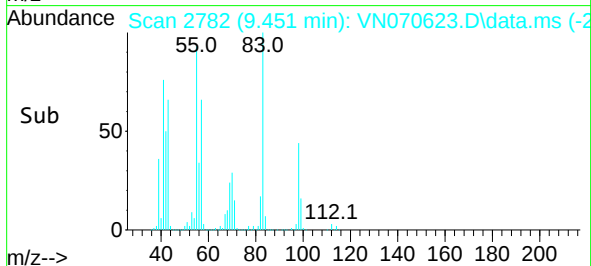
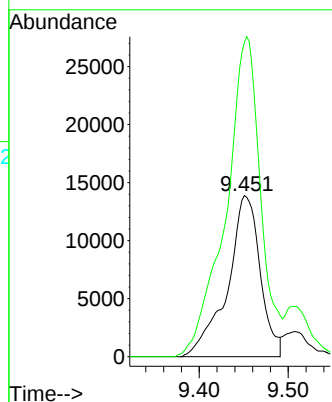


Tgt Ion: 63 Resp: 35512

Ion Ratio Lower Upper

63 100

65 193.3 24.7 37.1#



#47

Bromodichloromethane

Concen: 5.511 ug/l

RT: 9.738 min Scan# 2889

Delta R.T. -0.024 min

Lab File: VN070623.D

Acq: 14 Jan 2022 15:12

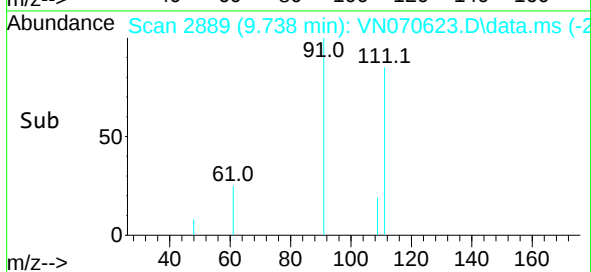
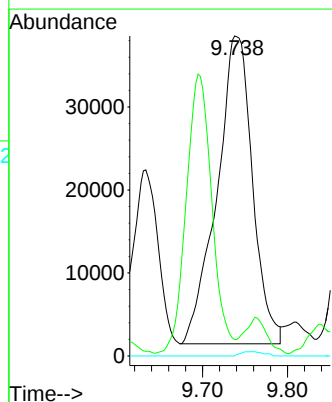
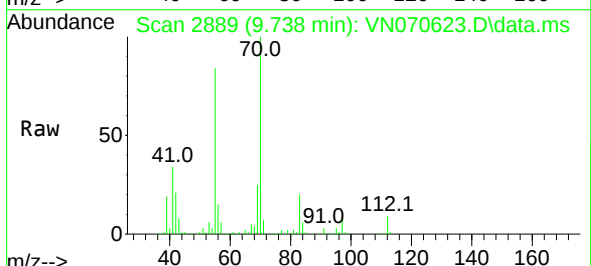
Tgt Ion: 83 Resp: 107948

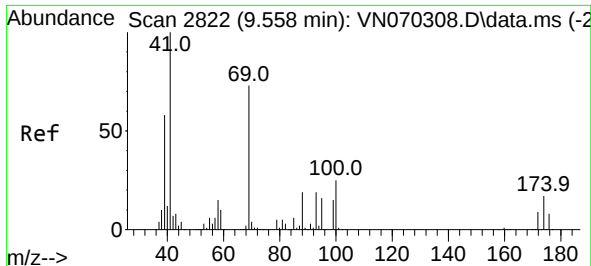
Ion Ratio Lower Upper

83 100

85 3.1 50.9 76.3#

127 0.0 7.1 10.7#

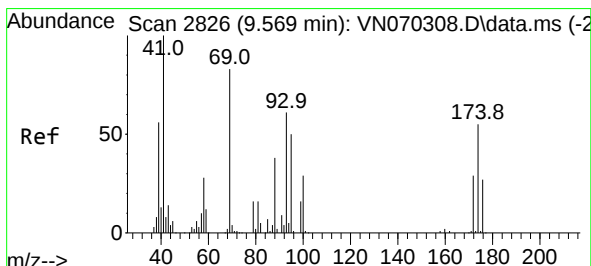
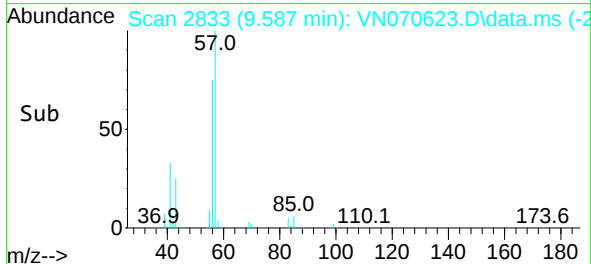
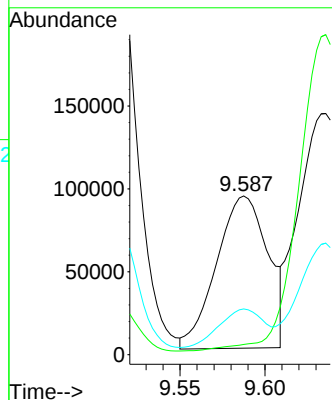
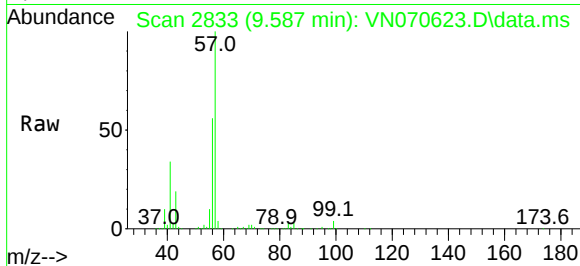




#48
Methyl methacrylate
Concen: 10.389 ug/l
RT: 9.587 min Scan# 2833
Delta R.T. 0.029 min
Lab File: VN070623.D
Acq: 14 Jan 2022 15:12

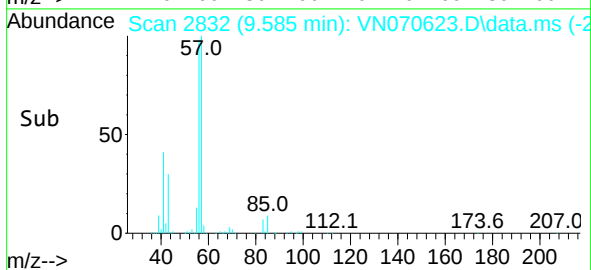
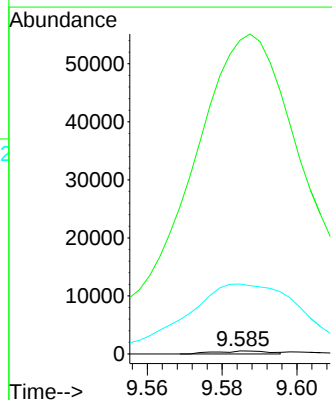
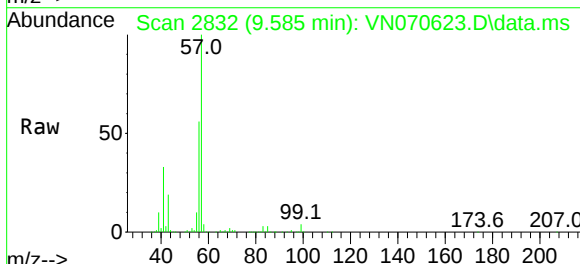
Instrument :
MSVOA_N
ClientSampleId :

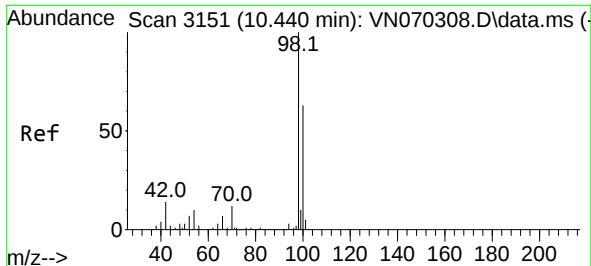
Tgt Ion: 41 Resp: 194641
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 25.2 58.4 87.6#



#49
1,4-Dioxane
Concen: 1.867 ug/l
RT: 9.585 min Scan# 2832
Delta R.T. 0.016 min
Lab File: VN070623.D
Acq: 14 Jan 2022 15:12

Tgt Ion: 88 Resp: 512
Ion Ratio Lower Upper
88 100
43 16573.0 23.4 35.2#
58 4844.7 50.6 75.8#

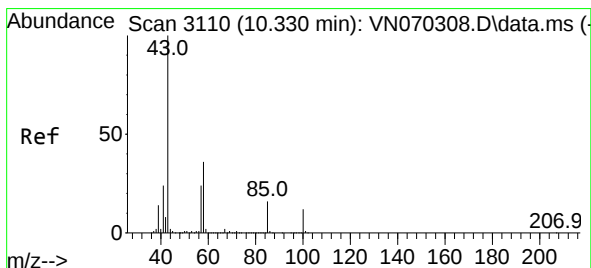
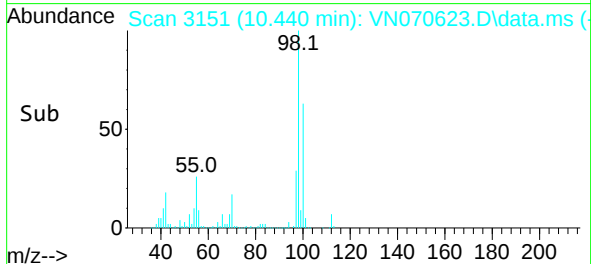
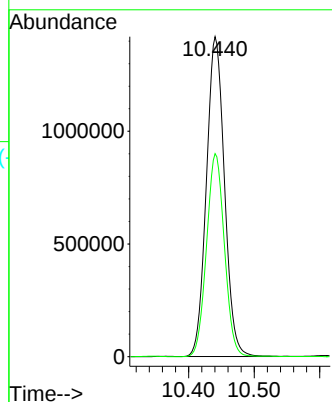
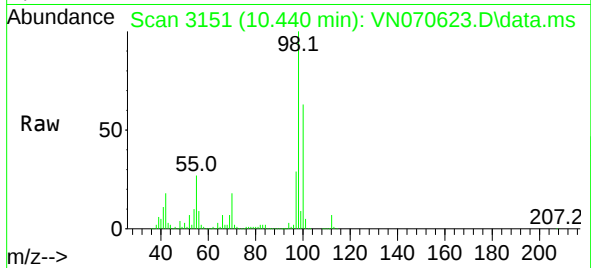




#50
Toluene-d8
Concen: 57.249 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070623.D
Acq: 14 Jan 2022 15:12

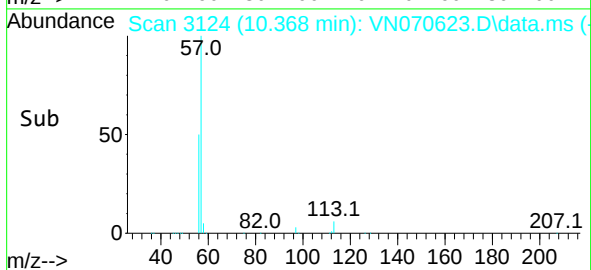
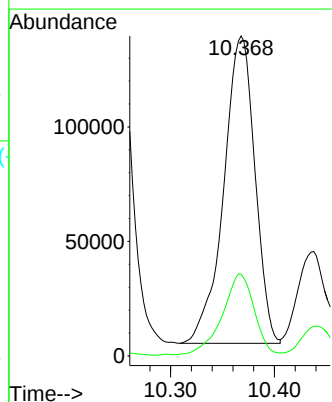
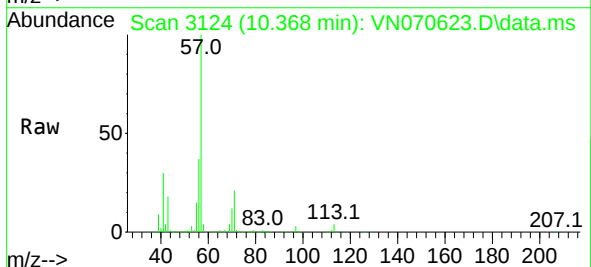
Instrument :
MSVOA_N
ClientSampleId :

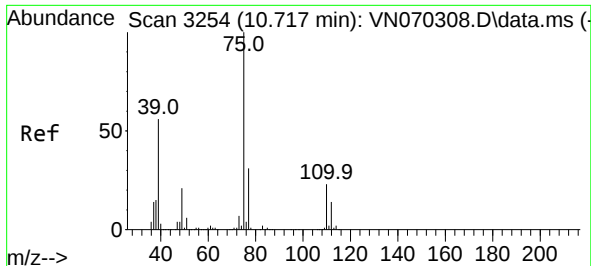
Tgt Ion: 98 Resp: 2717221
Ion Ratio Lower Upper
98 100
100 62.8 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 11.368 ug/l
RT: 10.368 min Scan# 3124
Delta R.T. 0.038 min
Lab File: VN070623.D
Acq: 14 Jan 2022 15:12

Tgt Ion: 43 Resp: 280586
Ion Ratio Lower Upper
43 100
58 26.7 30.4 45.6#

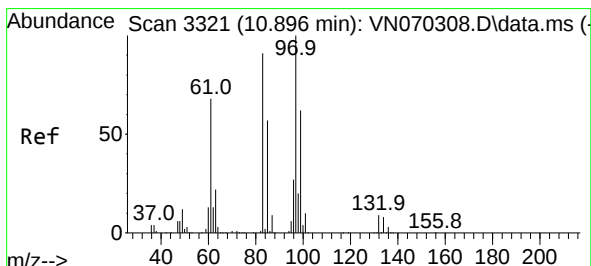
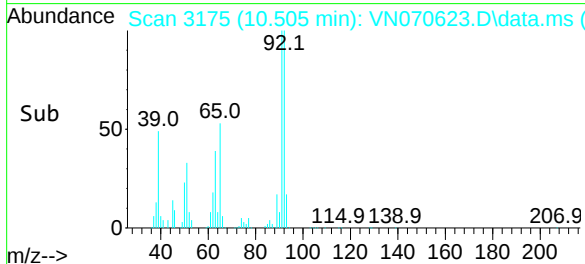
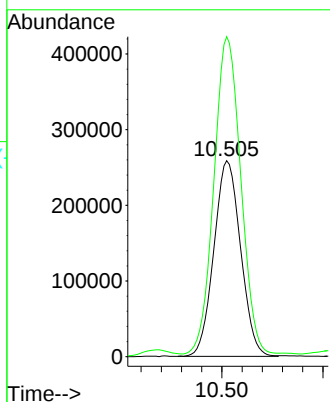
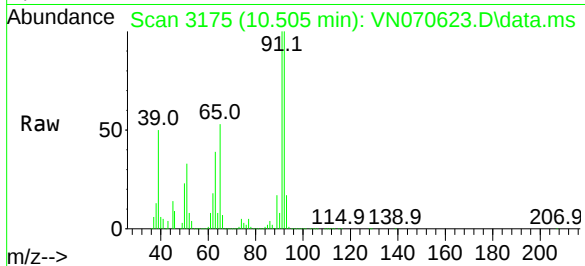




#53
t-1,3-Dichloropropene
Concen: 22.367 ug/l
RT: 10.505 min Scan# 31175
Delta R.T. -0.212 min
Lab File: VN070623.D
Acq: 14 Jan 2022 15:12

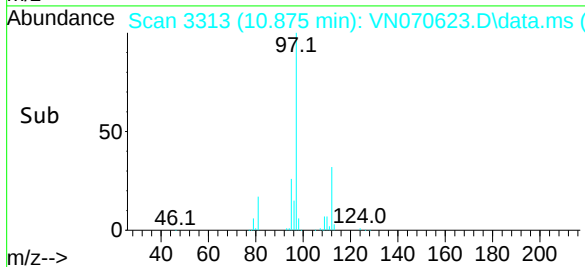
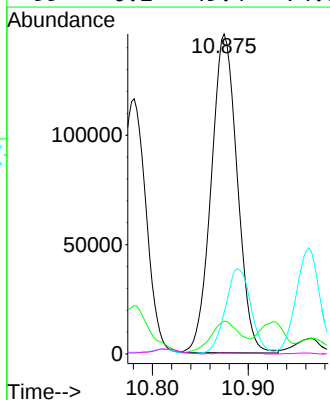
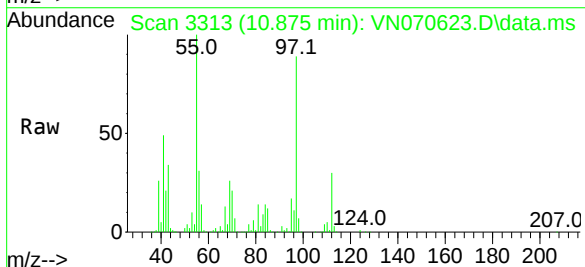
Instrument :
MSVOA_N
ClientSampleId :

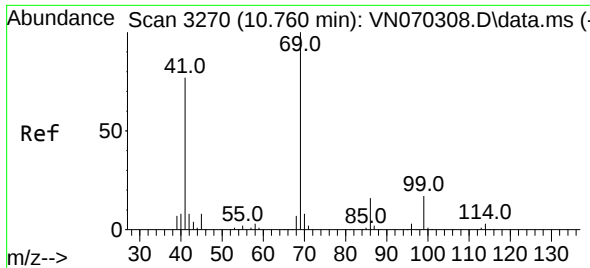
Tgt Ion: 75 Resp: 474323
Ion Ratio Lower Upper
75 100
77 161.9 25.6 38.4#



#55
1,1,2-Trichloroethane
Concen: 19.452 ug/l
RT: 10.875 min Scan# 3313
Delta R.T. -0.021 min
Lab File: VN070623.D
Acq: 14 Jan 2022 15:12

Tgt Ion: 97 Resp: 274505
Ion Ratio Lower Upper
97 100
83 9.4 67.8 101.6#
85 12.6 45.4 68.2#
99 0.2 49.4 74.0#

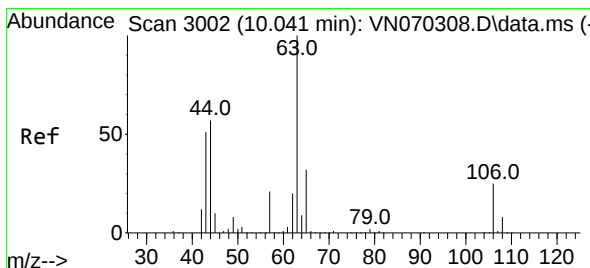
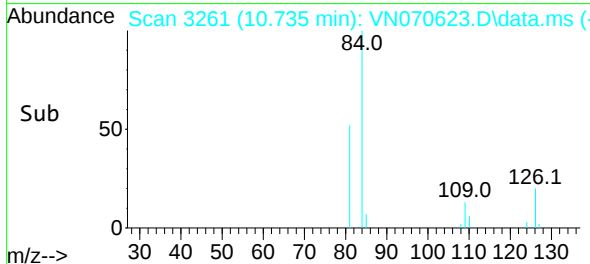
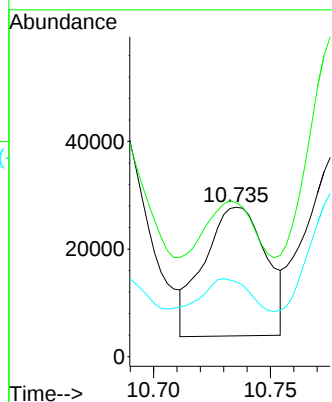
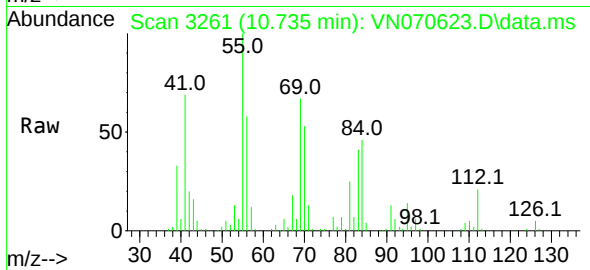




#56
Ethyl methacrylate
Concen: 1.894 ug/l
RT: 10.735 min Scan# 31
Delta R.T. -0.025 min
Lab File: VN070623.D
Acq: 14 Jan 2022 15:12

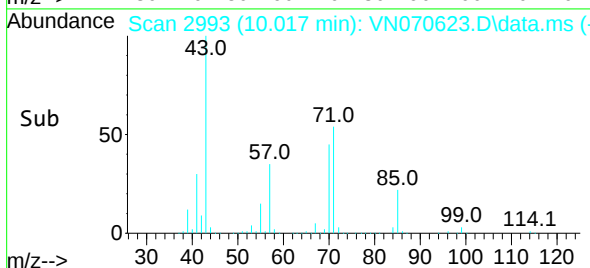
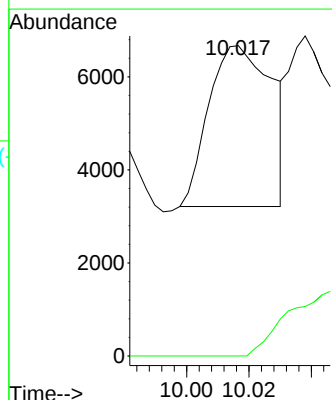
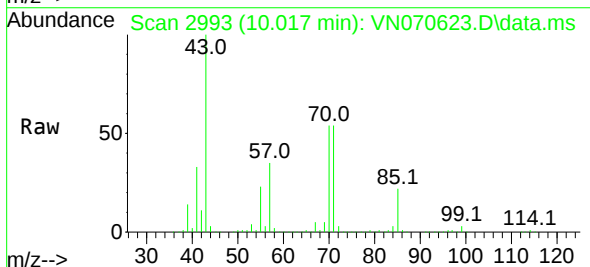
Instrument :
MSVOA_N
ClientSampleId :

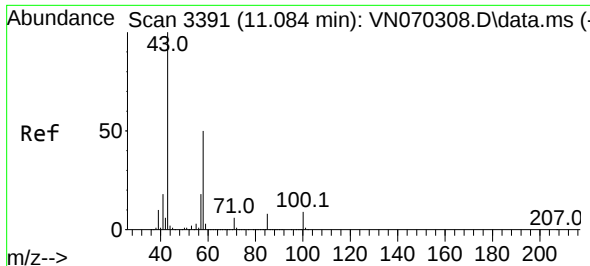
Tgt Ion: 69 Resp: 44174
Ion Ratio Lower Upper
69 100
41 0.0 51.4 77.0#
39 0.0 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 19.269 ug/l
RT: 10.017 min Scan# 2993
Delta R.T. -0.024 min
Lab File: VN070623.D
Acq: 14 Jan 2022 15:12

Tgt Ion: 63 Resp: 4862
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

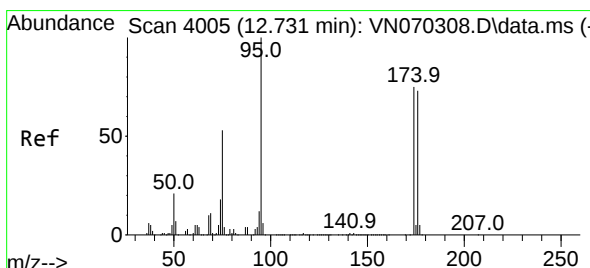
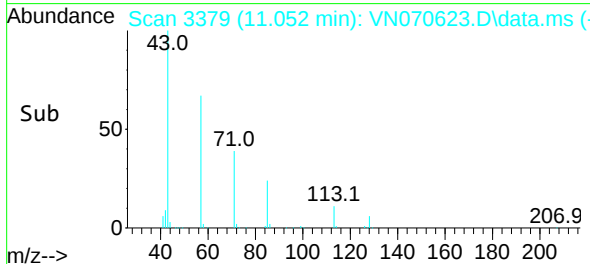
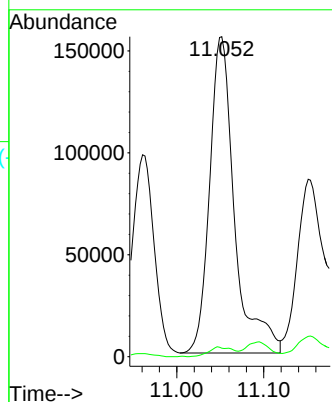
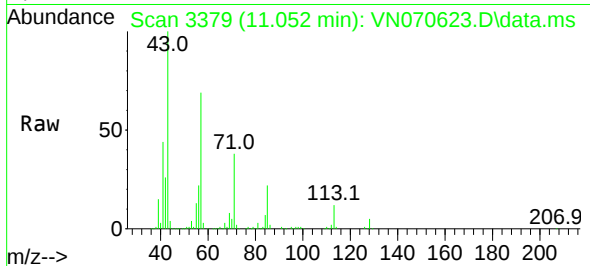




#59
2-Hexanone
Concen: 17.178 ug/l
RT: 11.052 min Scan# 31
Delta R.T. -0.032 min
Lab File: VN070623.D
Acq: 14 Jan 2022 15:12

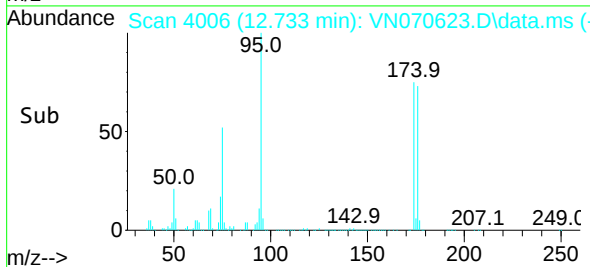
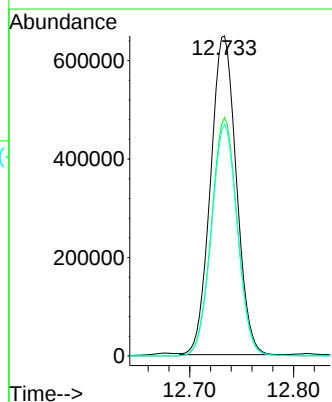
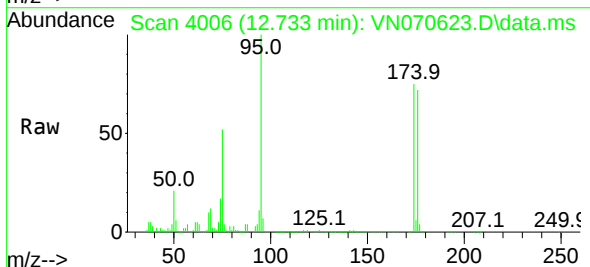
Instrument :
MSVOA_N
ClientSampleId :

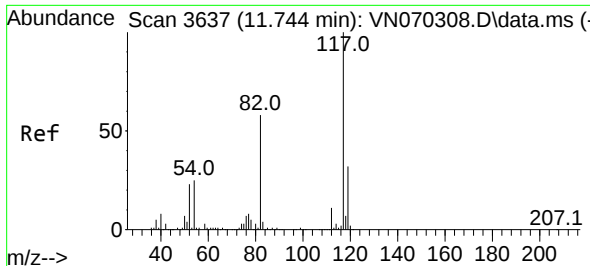
Tgt Ion: 43 Resp: 309185
Ion Ratio Lower Upper
43 100
58 2.9 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 65.315 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN070623.D
Acq: 14 Jan 2022 15:12

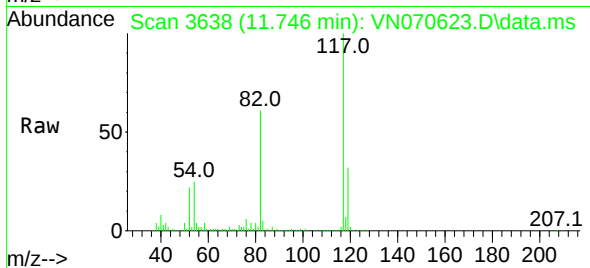
Tgt Ion: 95 Resp: 1119687
Ion Ratio Lower Upper
95 100
174 75.2 0.0 187.2
176 72.9 0.0 181.4



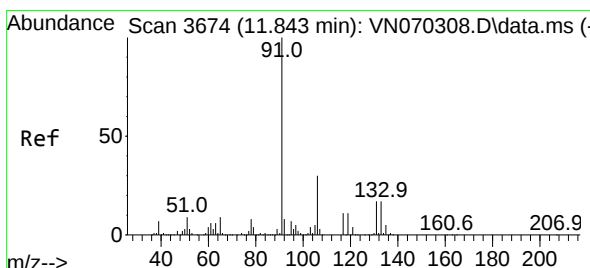
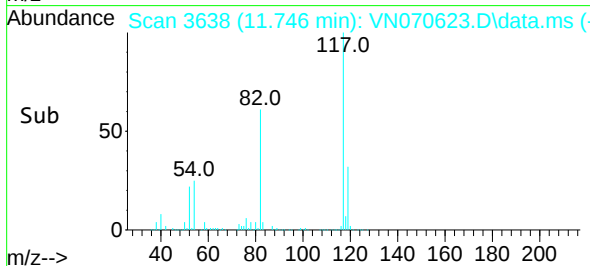
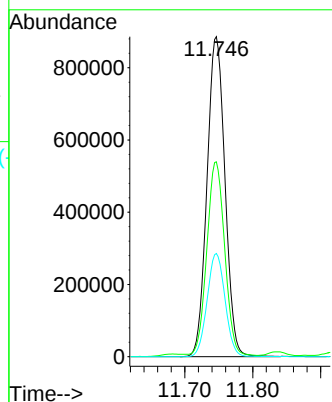


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3637
Delta R.T. 0.002 min
Lab File: VN070623.D
Acq: 14 Jan 2022 15:12

Instrument :
MSVOA_N
ClientSampleId :

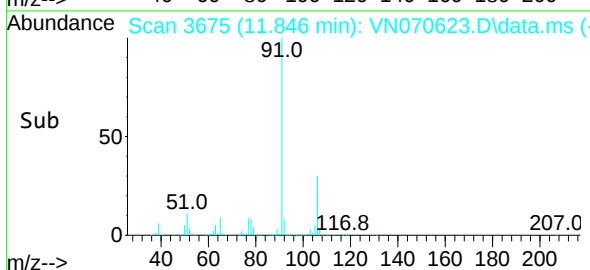
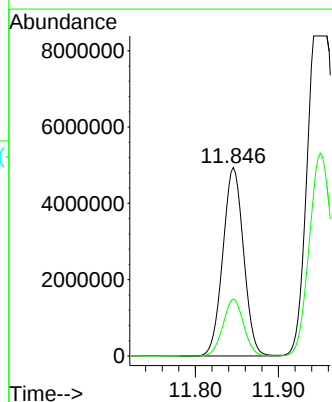
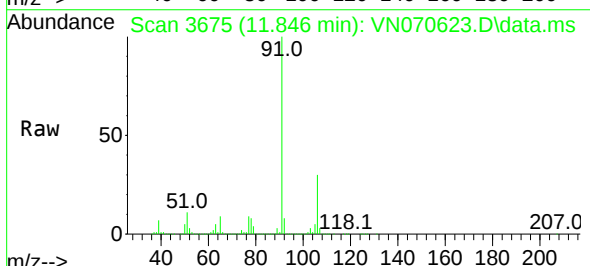


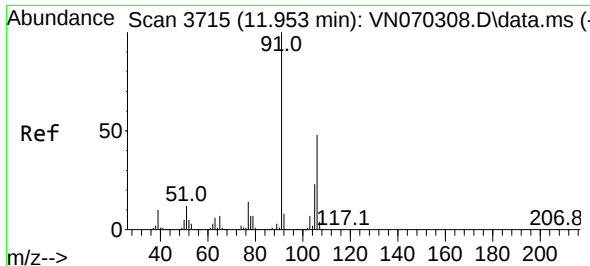
Tgt Ion:117 Resp: 1630419
Ion Ratio Lower Upper
117 100
82 60.2 42.4 63.6
119 32.3 25.4 38.2



#67
Ethyl Benzene
Concen: 135.114 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.003 min
Lab File: VN070623.D
Acq: 14 Jan 2022 15:12

Tgt Ion: 91 Resp: 8564086
Ion Ratio Lower Upper
91 100
106 30.2 25.7 38.5

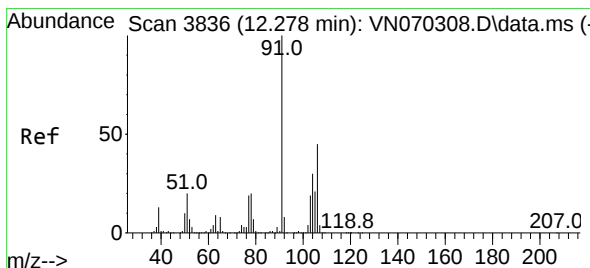
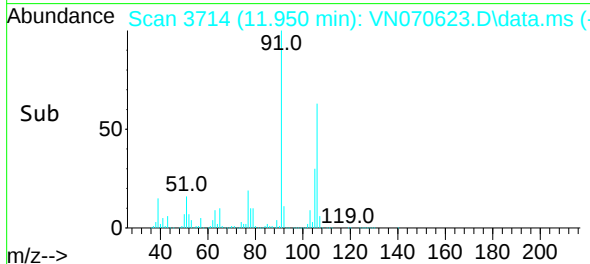
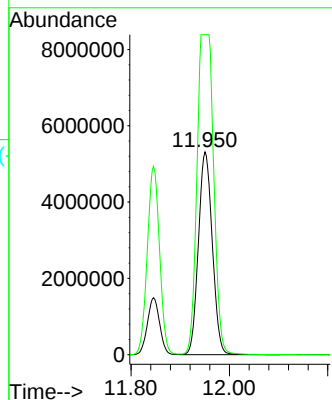
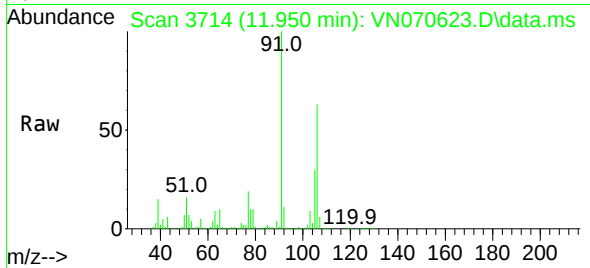




#68
m/p-Xylenes
Concen: 450.444 ug/l
RT: 11.950 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070623.D
Acq: 14 Jan 2022 15:12

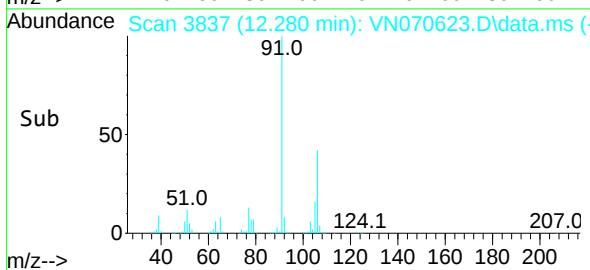
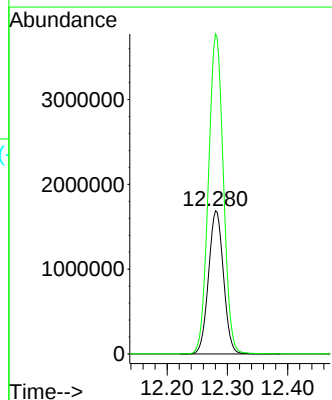
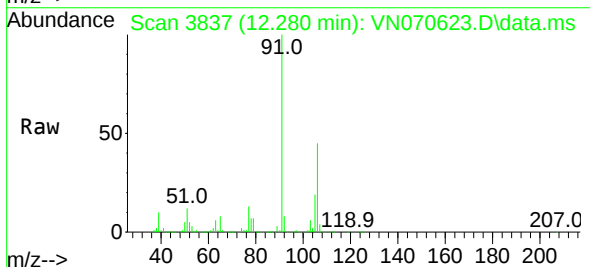
Instrument :
MSVOA_N
ClientSampleId :

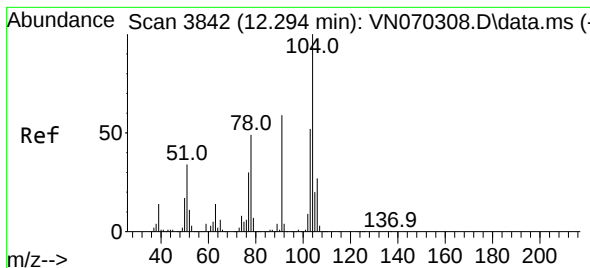
Tgt Ion:106 Resp:10392722
Ion Ratio Lower Upper
106 100
91 0.0 160.6 240.8#



#69
o-Xylene
Concen: 126.632 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070623.D
Acq: 14 Jan 2022 15:12

Tgt Ion:106 Resp: 2906080
Ion Ratio Lower Upper
106 100
91 223.8 105.8 317.3





#70

Styrene

Concen: 4.180 ug/l

RT: 12.280 min Scan# 3842

Delta R.T. -0.014 min

Lab File: VN070623.D

Acq: 14 Jan 2022 15:12

Instrument :

MSVOA_N

ClientSampleId :

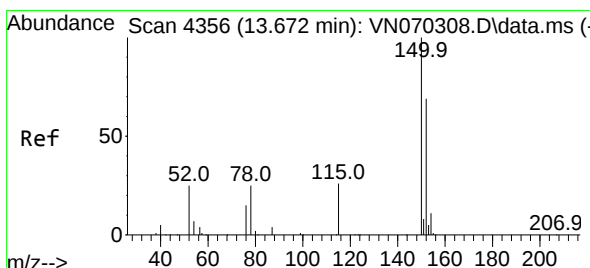
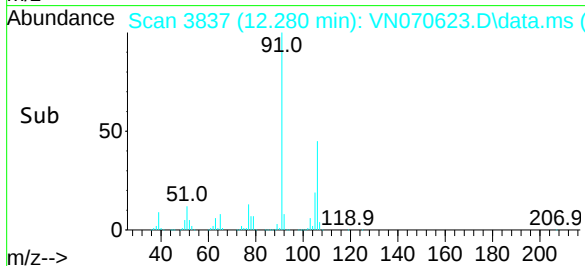
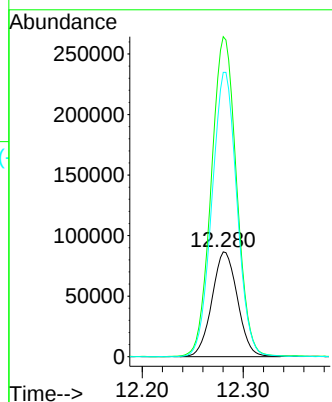
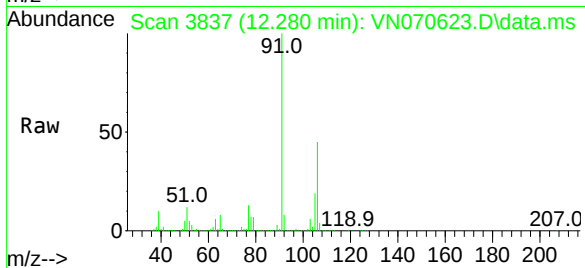
Tgt Ion:104 Resp: 151838

Ion Ratio Lower Upper

104 100

78 303.0 38.7 58.1#

103 266.3 45.0 67.6#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.675 min Scan# 4357

Delta R.T. 0.003 min

Lab File: VN070623.D

Acq: 14 Jan 2022 15:12

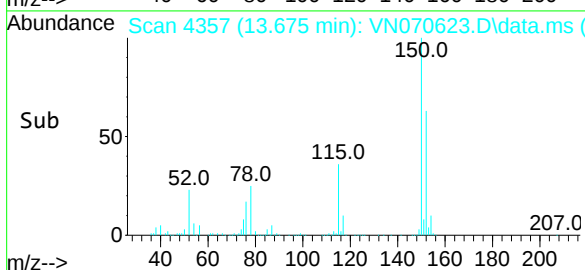
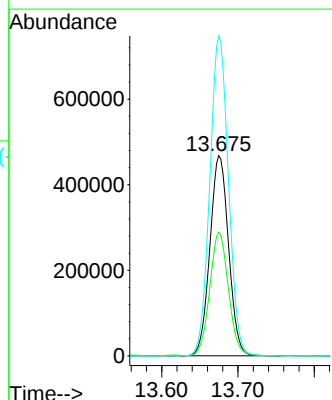
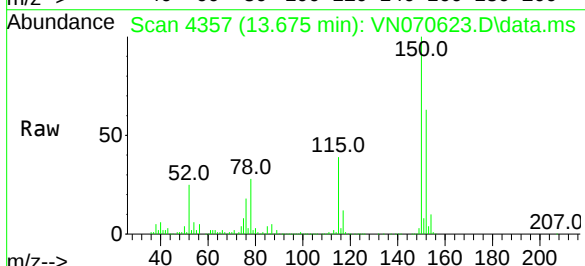
Tgt Ion:152 Resp: 796405

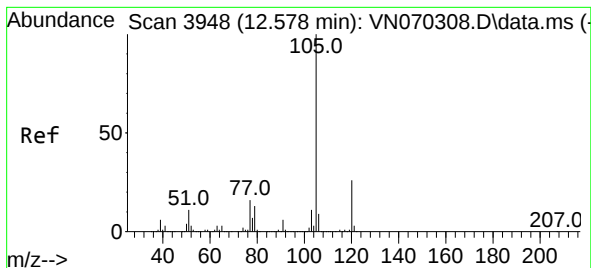
Ion Ratio Lower Upper

152 100

115 61.8 27.5 82.5

150 159.1 0.0 344.4





#73

Isopropylbenzene

Concen: 2.956 ug/l

RT: 12.581 min Scan# 3949

Delta R.T. 0.003 min

Lab File: VN070623.D

Acq: 14 Jan 2022 15:12

Instrument :

MSVOA_N

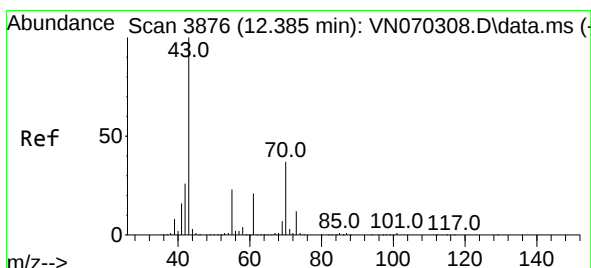
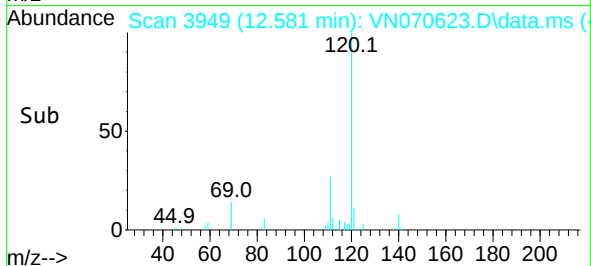
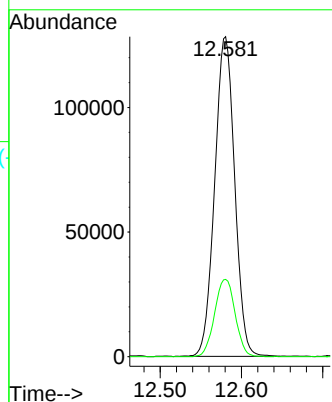
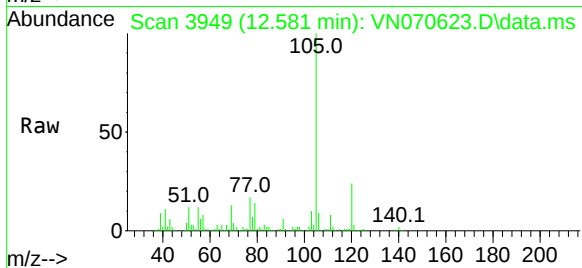
ClientSampleId :

Tgt Ion:105 Resp: 218586

Ion Ratio Lower Upper

105 100

120 25.0 13.4 40.1



#74

N-amy1 acetate

Concen: 2.743 ug/l

RT: 12.366 min Scan# 3869

Delta R.T. -0.019 min

Lab File: VN070623.D

Acq: 14 Jan 2022 15:12

Tgt Ion: 43 Resp: 85310

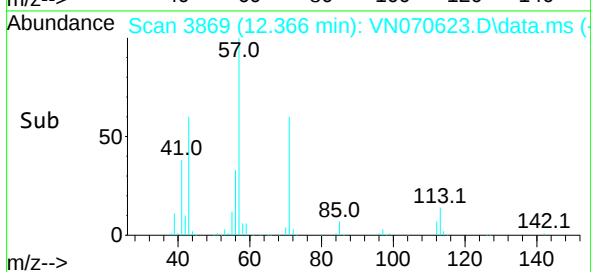
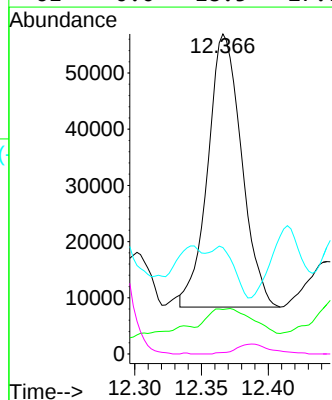
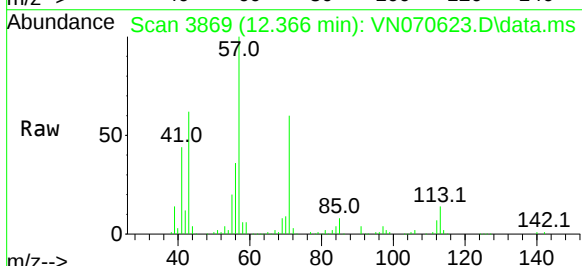
Ion Ratio Lower Upper

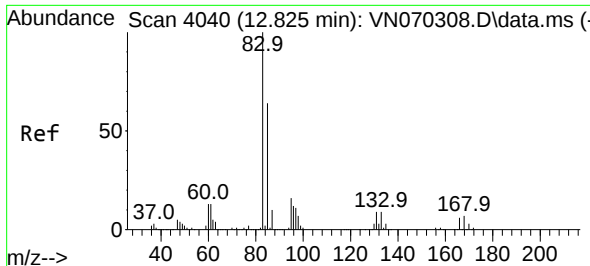
43 100

70 3.0 33.4 50.0#

55 0.0 19.3 28.9#

61 0.0 18.5 27.7#

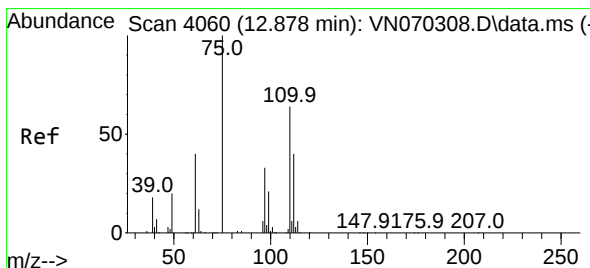
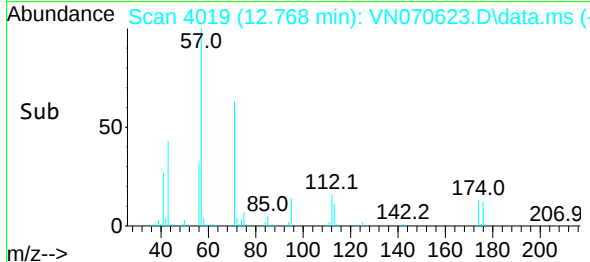
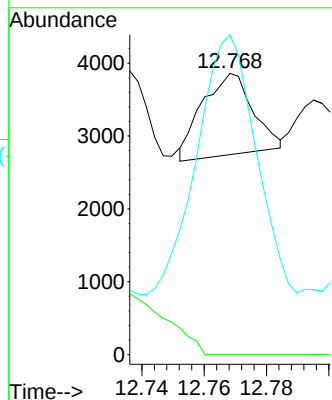
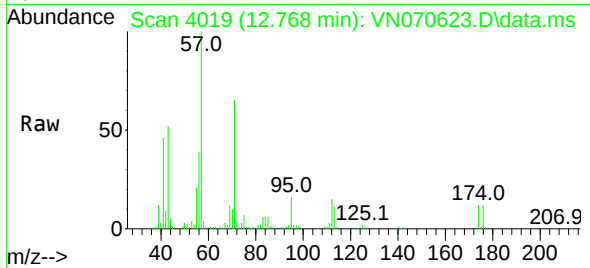




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.494 ug/l
 RT: 12.768 min Scan# 4019
 Delta R.T. -0.057 min
 Lab File: VN070623.D
 Acq: 14 Jan 2022 15:12

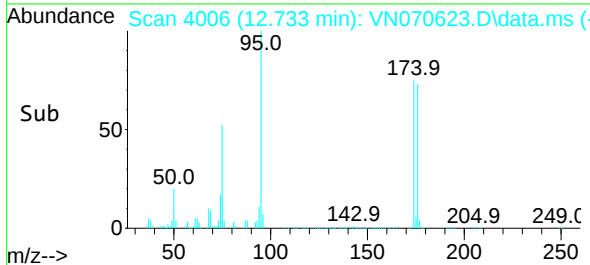
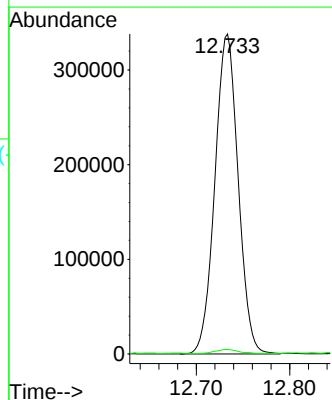
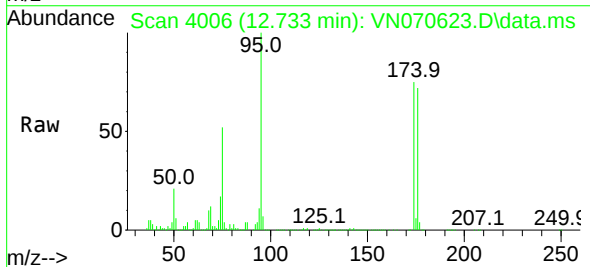
Instrument :
 MSVOA_N
 ClientSampleId :

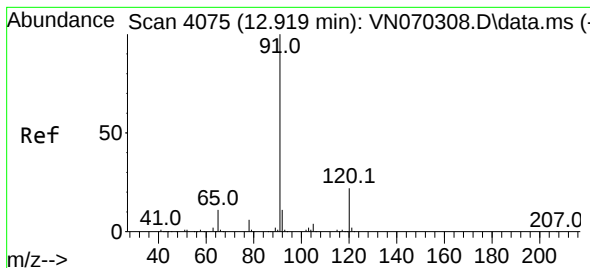
Tgt Ion: 83 Resp: 1268
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.5 16.5#
 85 373.0 32.4 97.2#



#76
 1,2,3-Trichloropropane
 Concen: 26.153 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. -0.145 min
 Lab File: VN070623.D
 Acq: 14 Jan 2022 15:12

Tgt Ion: 75 Resp: 584105
 Ion Ratio Lower Upper
 75 100
 77 1.3 82.6 247.8#





#78

n-propylbenzene

Concen: 5.367 ug/l

RT: 12.921 min Scan# 4076

Delta R.T. 0.002 min

Lab File: VN070623.D

Acq: 14 Jan 2022 15:12

Instrument :

MSVOA_N

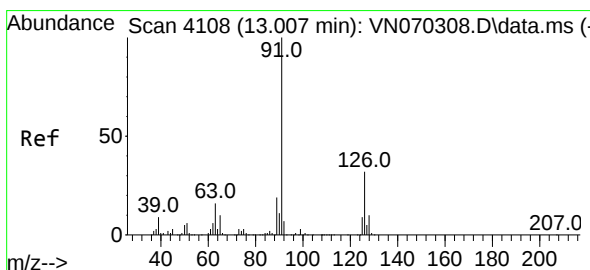
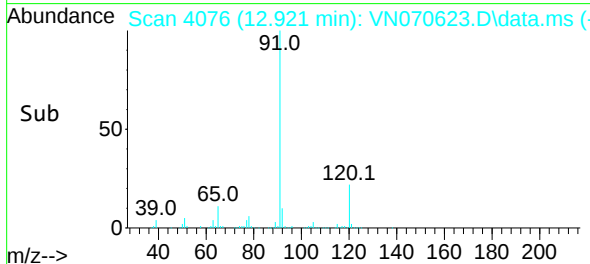
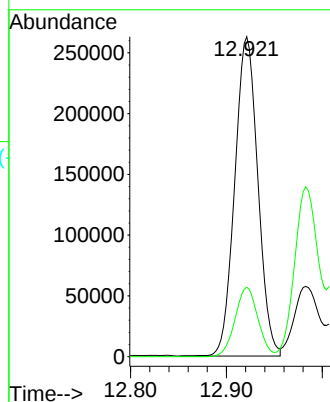
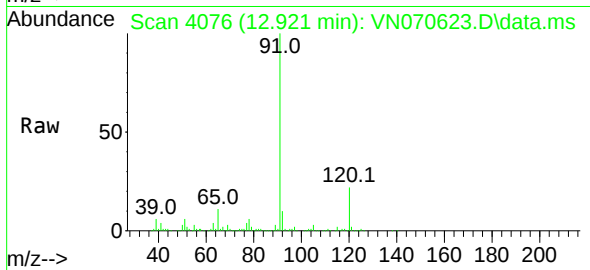
ClientSampleId :

Tgt Ion: 91 Resp: 439789

Ion Ratio Lower Upper

91 100

120 21.6 11.9 35.9



#79

2-Chlorotoluene

Concen: 1.628 ug/l

RT: 12.983 min Scan# 4099

Delta R.T. -0.024 min

Lab File: VN070623.D

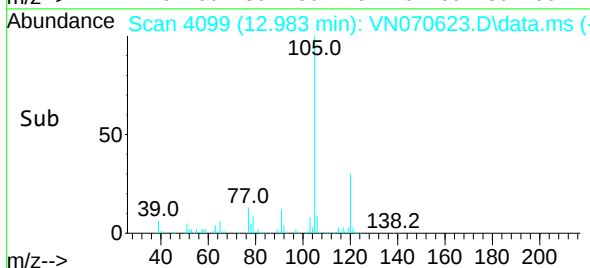
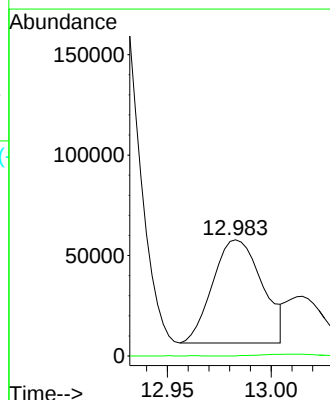
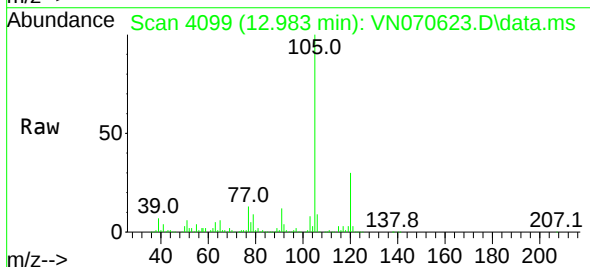
Acq: 14 Jan 2022 15:12

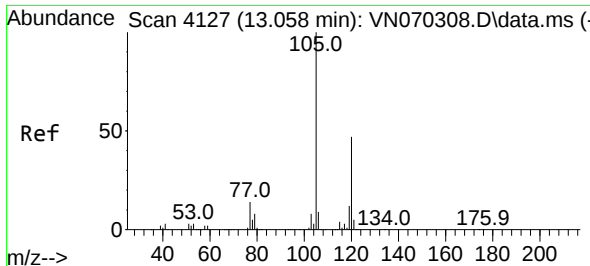
Tgt Ion: 91 Resp: 85621

Ion Ratio Lower Upper

91 100

126 0.0 18.3 54.8#

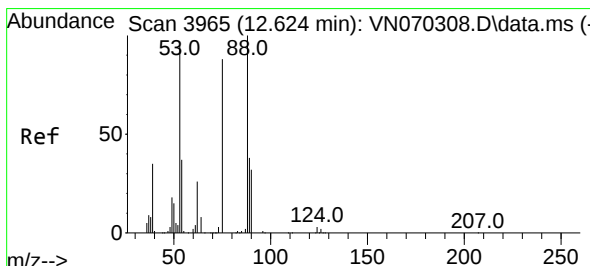
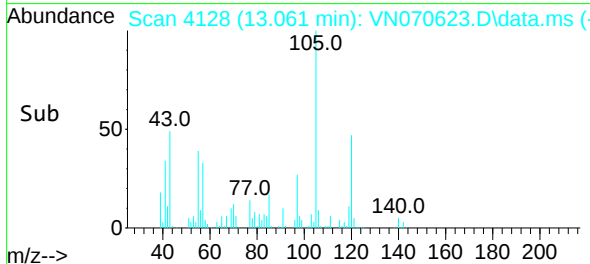
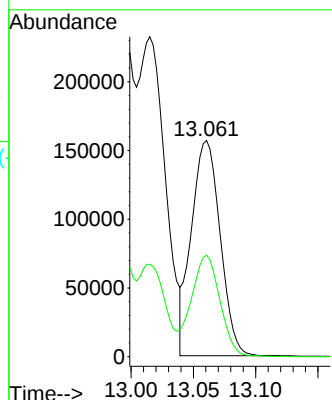
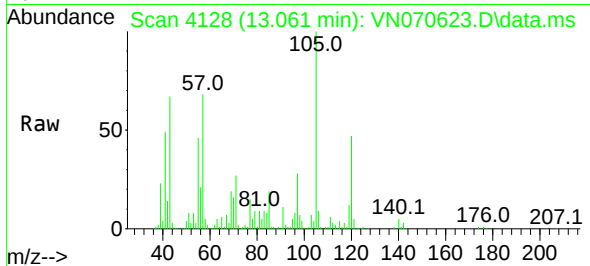




#80
 1,3,5-Trimethylbenzene
 Concen: 4.241 ug/l
 RT: 13.061 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN070623.D
 Acq: 14 Jan 2022 15:12

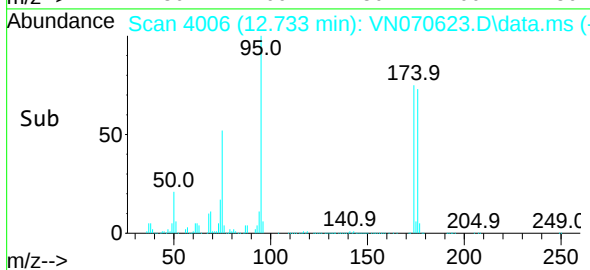
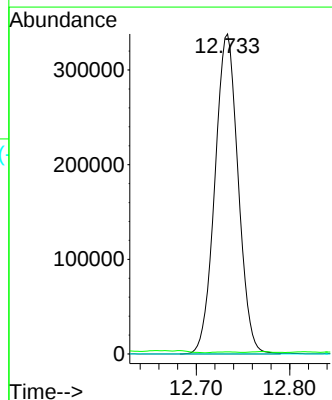
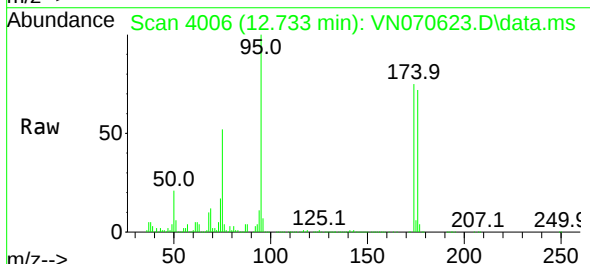
Instrument :
 MSVOA_N
 ClientSampleId :

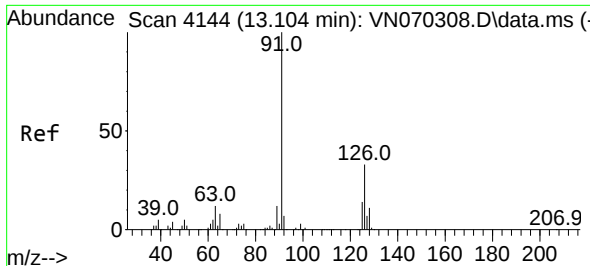
Tgt Ion:105 Resp: 251339
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.6 73.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.608 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. 0.109 min
 Lab File: VN070623.D
 Acq: 14 Jan 2022 15:12

Tgt Ion: 75 Resp: 584105
 Ion Ratio Lower Upper
 75 100
 53 0.3 90.5 135.7#
 89 0.0 38.2 57.4#

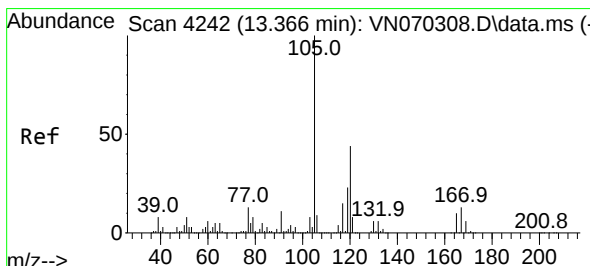
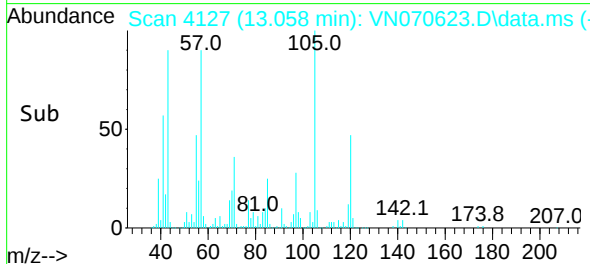
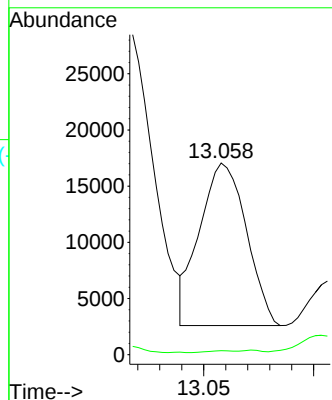
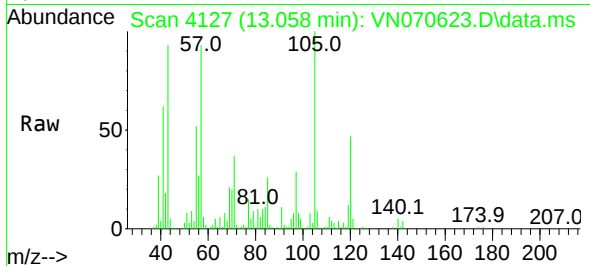




#82
4-Chlorotoluene
Concen: 0.435 ug/l
RT: 13.058 min Scan# 4144
Delta R.T. -0.046 min
Lab File: VN070623.D
Acq: 14 Jan 2022 15:12

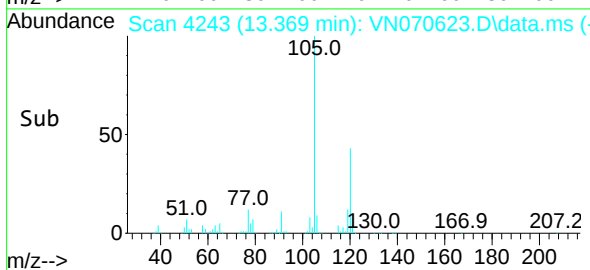
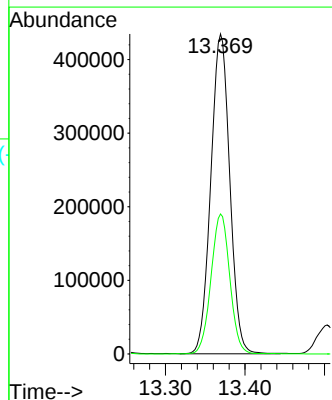
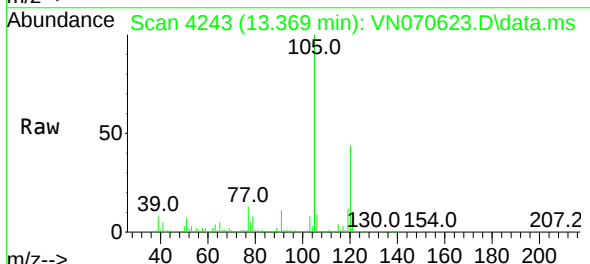
Instrument :
MSVOA_N
ClientSampleId :

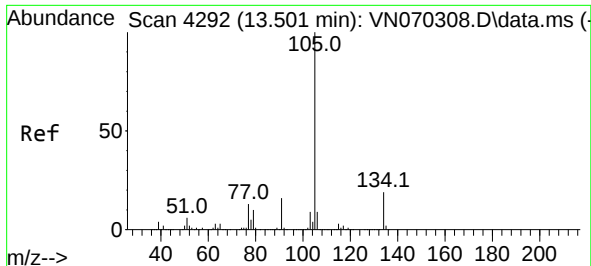
Tgt Ion: 91 Resp: 21401
Ion Ratio Lower Upper
91 100
126 0.7 18.2 54.6#



#84
1,2,4-Trimethylbenzene
Concen: 12.601 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.003 min
Lab File: VN070623.D
Acq: 14 Jan 2022 15:12

Tgt Ion: 105 Resp: 719157
Ion Ratio Lower Upper
105 100
120 43.2 22.8 68.4

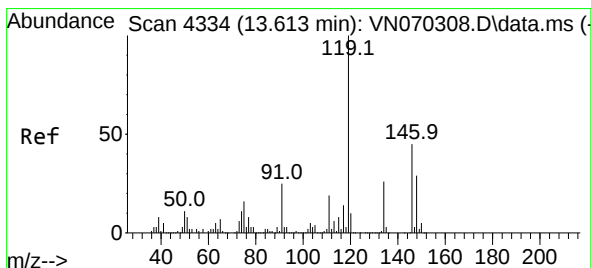
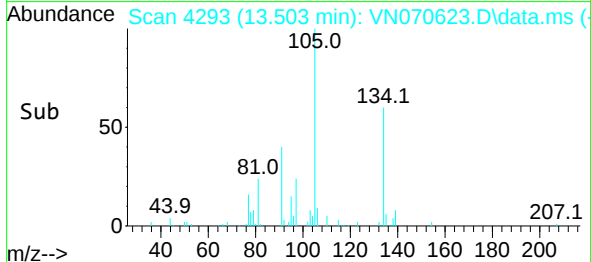
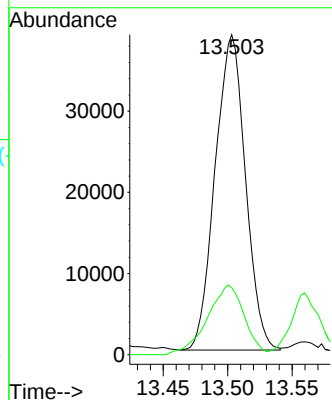
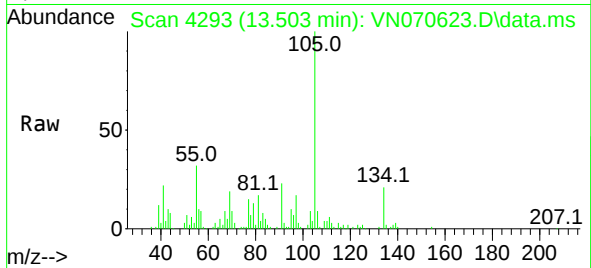




#85
 sec-Butylbenzene
 Concen: 0.897 ug/l
 RT: 13.503 min Scan# 41
 Delta R.T. 0.002 min
 Lab File: VN070623.D
 Acq: 14 Jan 2022 15:12

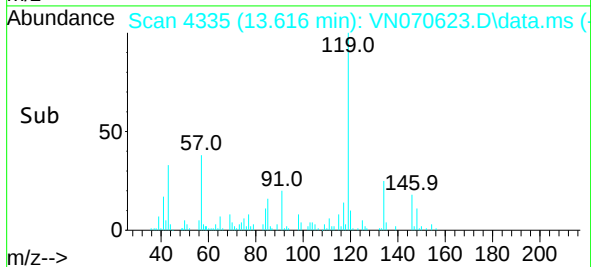
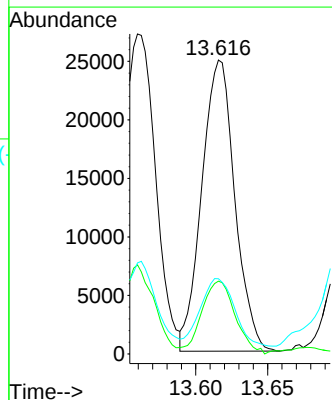
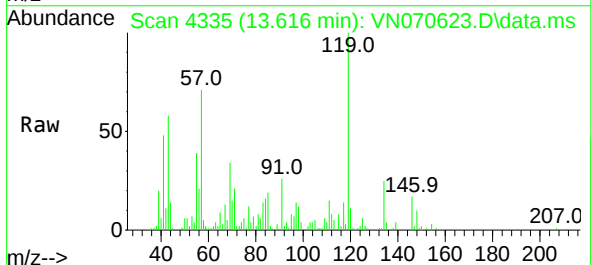
Instrument :
 MSVOA_N
 ClientSampleId :

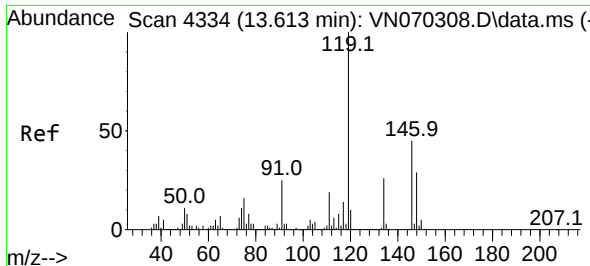
Tgt Ion:105 Resp: 63543
 Ion Ratio Lower Upper
 105 100
 134 26.6 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 0.714 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.003 min
 Lab File: VN070623.D
 Acq: 14 Jan 2022 15:12

Tgt Ion:119 Resp: 39726
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.6 40.7
 91 23.8 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 0.259 ug/l

RT: 13.618 min Scan# 4334

Delta R.T. 0.005 min

Lab File: VN070623.D

Acq: 14 Jan 2022 15:12

Instrument :

MSVOA_N

ClientSampleId :

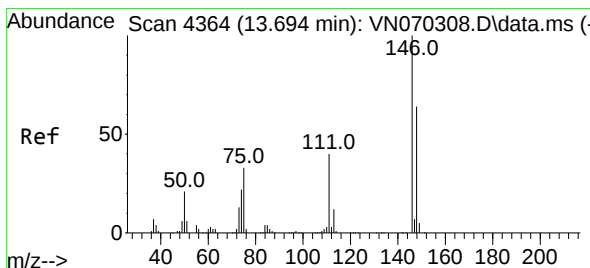
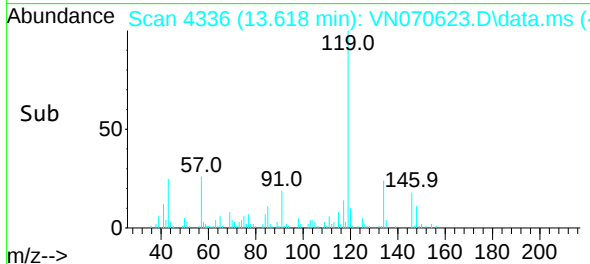
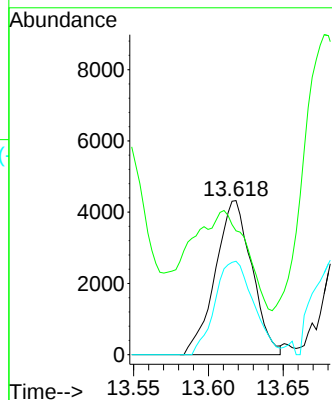
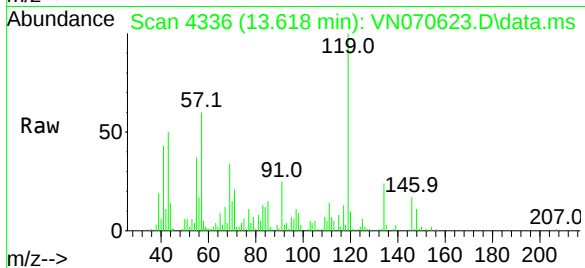
Tgt Ion:146 Resp: 7355

Ion Ratio Lower Upper

146 100

111 96.6 18.6 55.6#

148 64.1 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 0.304 ug/l

RT: 13.694 min Scan# 4364

Delta R.T. -0.000 min

Lab File: VN070623.D

Acq: 14 Jan 2022 15:12

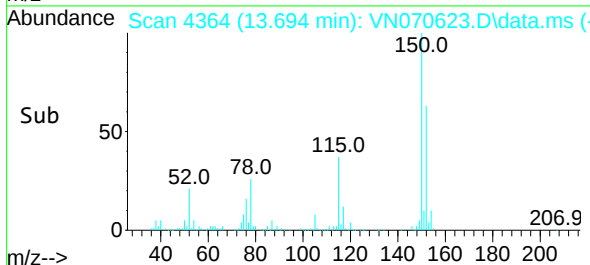
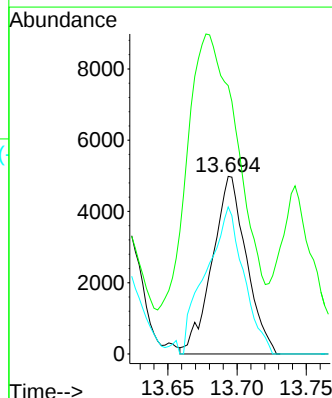
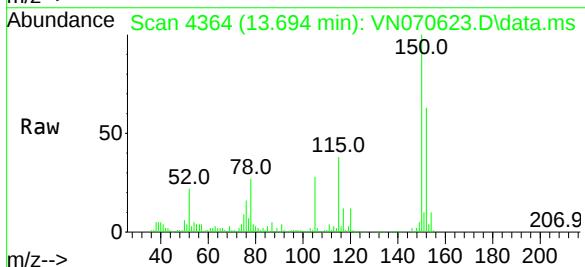
Tgt Ion:146 Resp: 8532

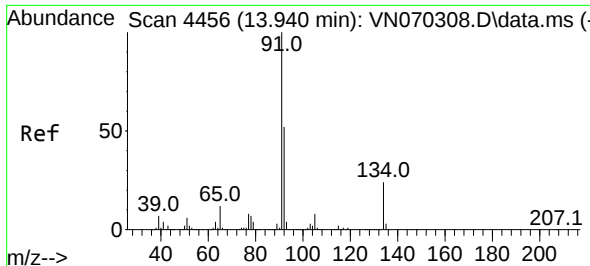
Ion Ratio Lower Upper

146 100

111 223.5 18.3 54.8#

148 91.5 31.8 95.4

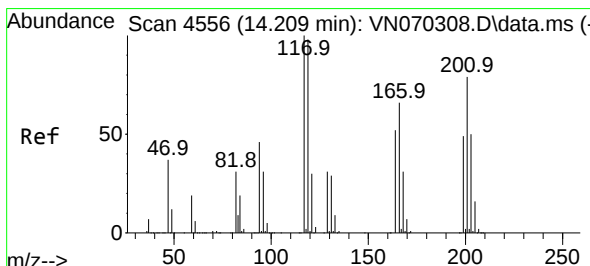
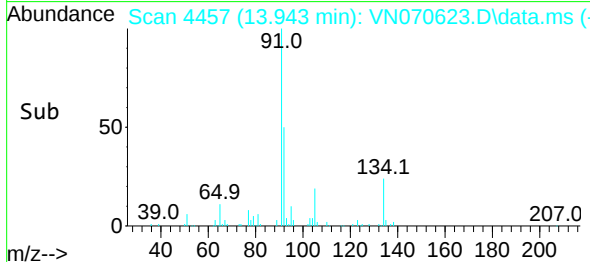
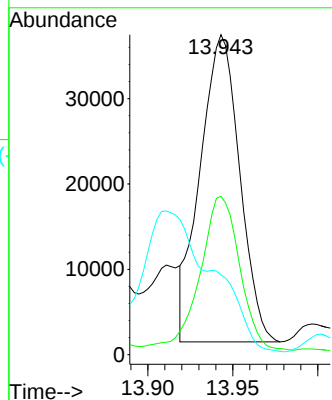
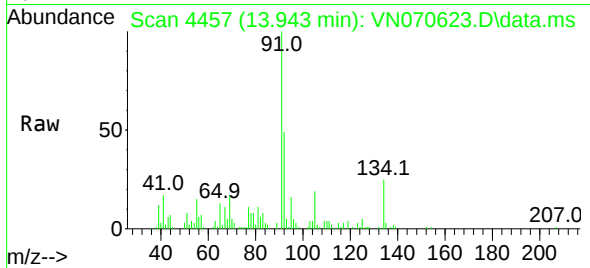




#89
n-Butylbenzene
Concen: 1.252 ug/l
RT: 13.943 min Scan# 4456
Delta R.T. 0.003 min
Lab File: VN070623.D
Acq: 14 Jan 2022 15:12

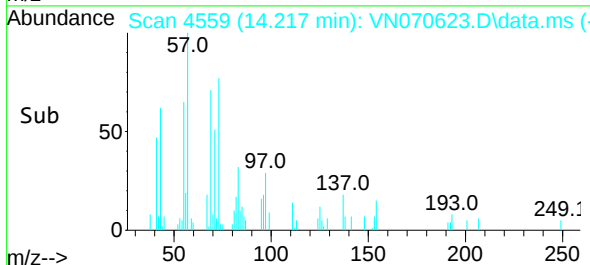
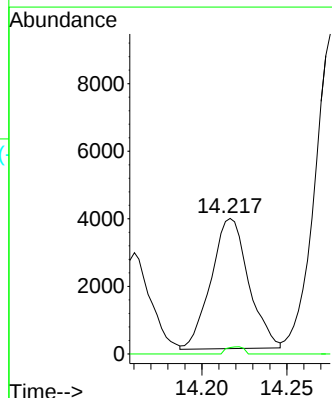
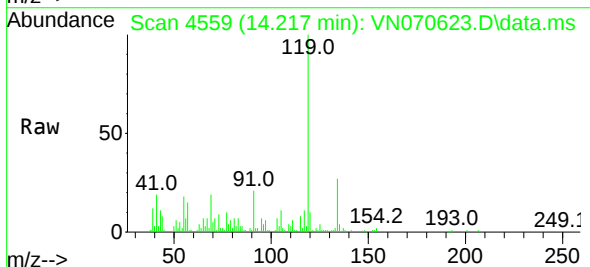
Instrument :
MSVOA_N
ClientSampleId :

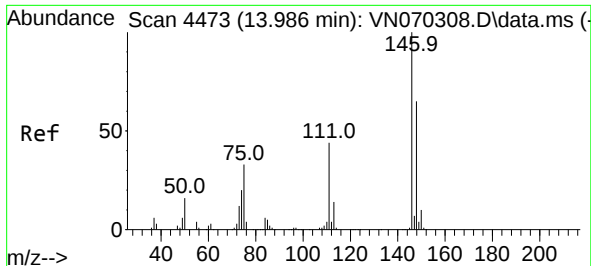
Tgt Ion: 91 Resp: 58115
Ion Ratio Lower Upper
91 100
92 52.6 25.4 76.0
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 0.612 ug/l
RT: 14.217 min Scan# 4559
Delta R.T. 0.008 min
Lab File: VN070623.D
Acq: 14 Jan 2022 15:12

Tgt Ion: 117 Resp: 5921
Ion Ratio Lower Upper
117 100
201 2.5 43.9 131.6#





#91

1,2-Dichlorobenzene

Concen: 0.257 ug/l

RT: 13.991 min Scan# 4473

Delta R.T. 0.005 min

Lab File: VN070623.D

Acq: 14 Jan 2022 15:12

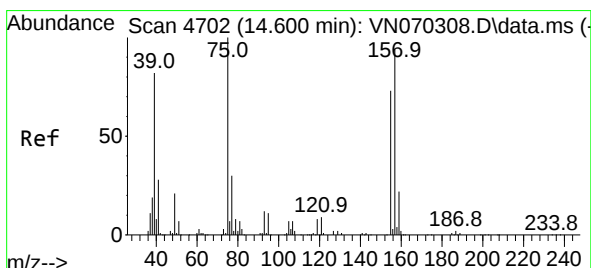
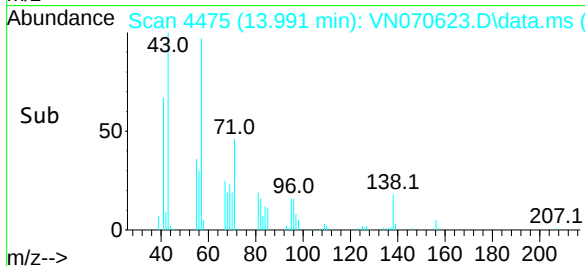
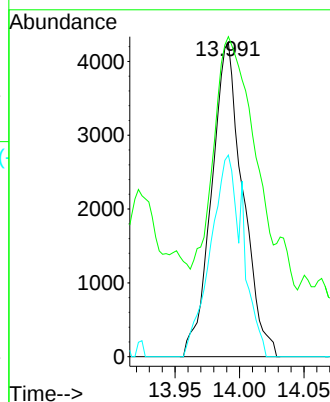
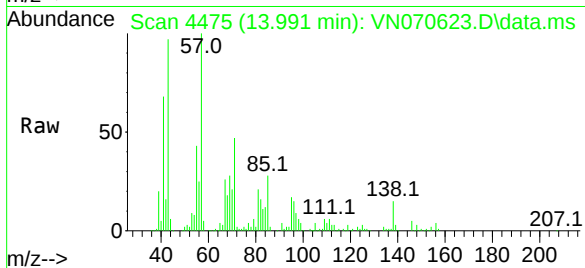
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:146 Resp: 7165

Ion	Ratio	Lower	Upper
146	100		
111	88.8	19.1	57.3#
148	66.8	32.1	96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.299 ug/l

RT: 14.603 min Scan# 4703

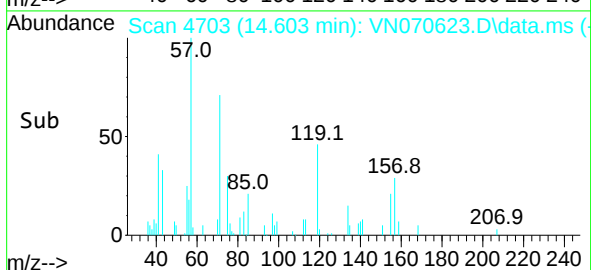
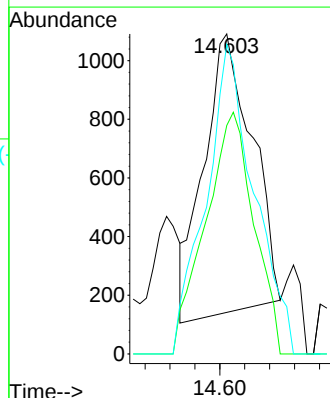
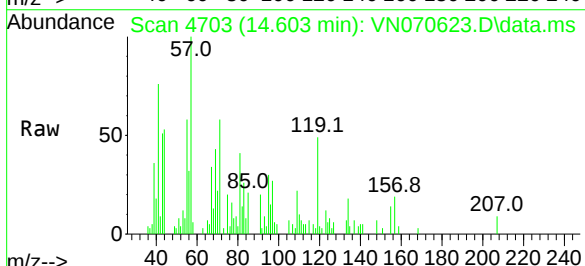
Delta R.T. 0.003 min

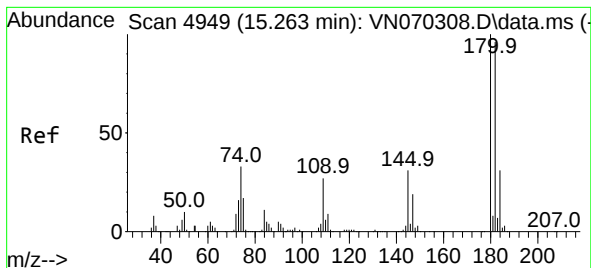
Lab File: VN070623.D

Acq: 14 Jan 2022 15:12

Tgt Ion: 75 Resp: 1282

Ion	Ratio	Lower	Upper
75	100		
155	86.6	46.9	140.7
157	110.8	60.6	181.7





#93

1,2,4-Trichlorobenzene

Concen: 1.116 ug/l

RT: 15.263 min Scan# 4949

Delta R.T. -0.000 min

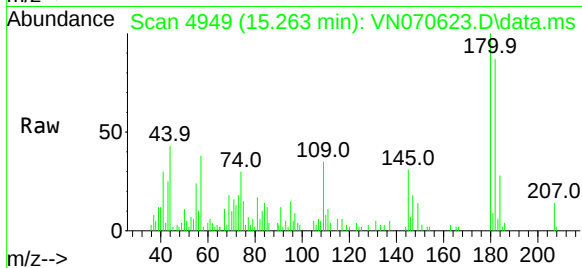
Lab File: VN070623.D

Acq: 14 Jan 2022 15:12

Instrument :

MSVOA_N

ClientSampleId :



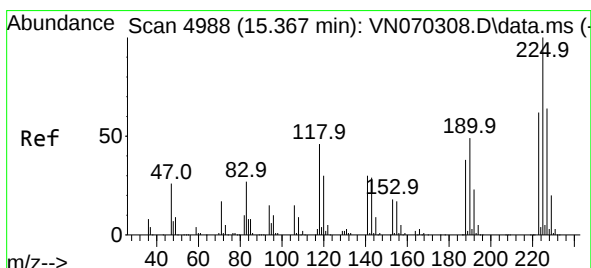
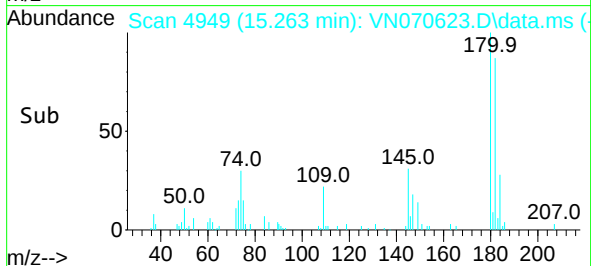
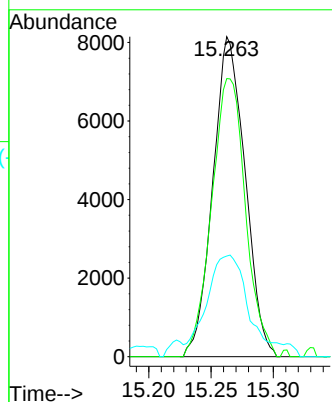
Tgt Ion:180 Resp: 14651

Ion Ratio Lower Upper

180 100

182 91.4 48.3 144.9

145 42.5 14.5 43.5



#94

Hexachlorobutadiene

Concen: 0.212 ug/l

RT: 15.370 min Scan# 4989

Delta R.T. 0.003 min

Lab File: VN070623.D

Acq: 14 Jan 2022 15:12

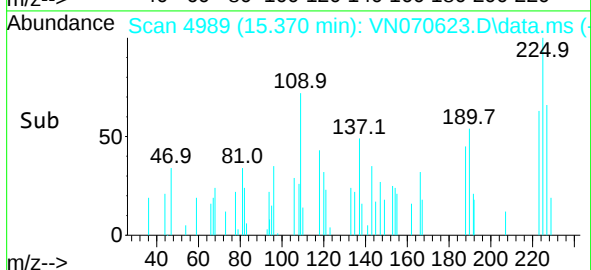
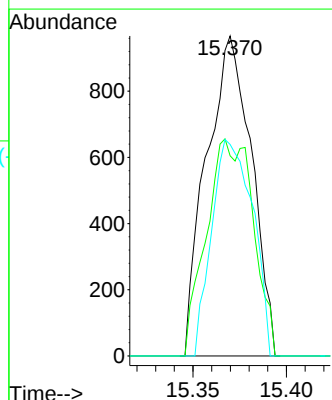
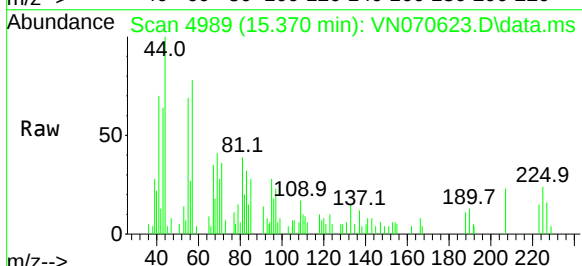
Tgt Ion:225 Resp: 1620

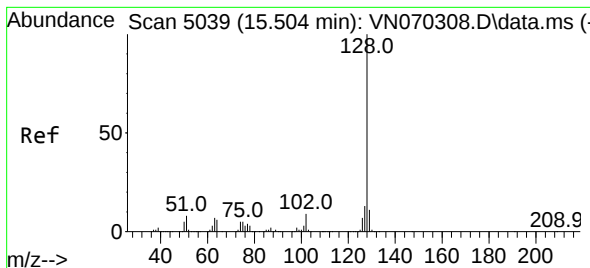
Ion Ratio Lower Upper

225 100

223 44.0 31.9 95.7

227 61.3 32.1 96.3





#95

Naphthalene

Concen: 4.023 ug/l

RT: 15.507 min Scan# 5039

Delta R.T. 0.003 min

Lab File: VN070623.D

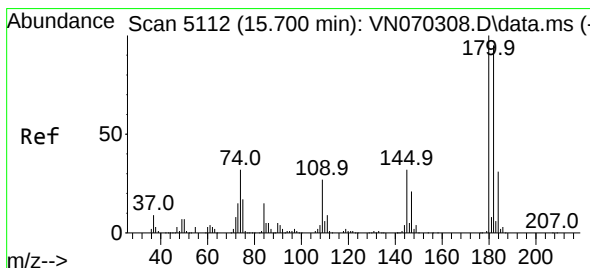
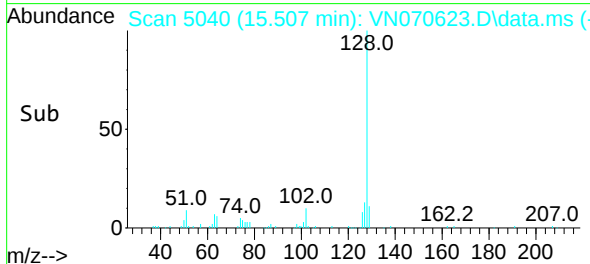
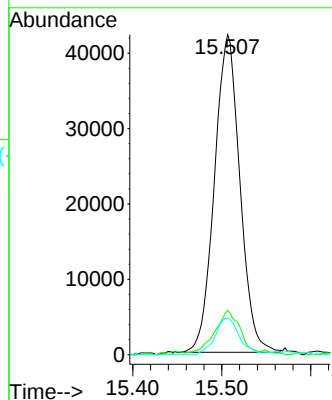
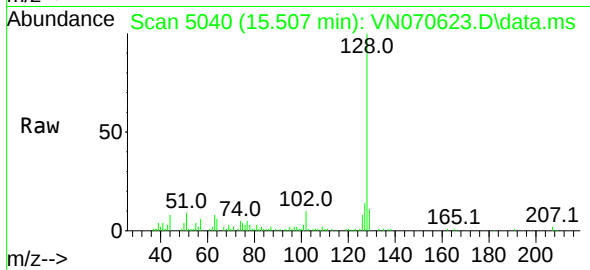
Acq: 14 Jan 2022 15:12

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128	Resp:	83795
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.5 15.7
129	10.9	8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 2.193 ug/l

RT: 15.705 min Scan# 5114

Delta R.T. 0.005 min

Lab File: VN070623.D

Acq: 14 Jan 2022 15:12

Tgt Ion:180	Resp:	17455
Ion Ratio	Lower	Upper
180	100	
182	95.3	47.4 142.2
145	35.7	15.0 45.1

