

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011922\
 Data File : VN070700.D
 Acq On : 19 Jan 2022 15:21
 Operator : JC/MD
 Sample : N1178-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 20 03:38:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1201159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1899979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1719505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	733167	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	779954	45.308	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	90.620%
35) Dibromofluoromethane	8.021	113	534723	45.371	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	90.740%
50) Toluene-d8	10.443	98	2379221	47.920	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.840%
62) 4-Bromofluorobenzene	12.728	95	845263	47.776	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.560%

Target Compounds						Qvalue
8) Diethyl Ether	3.824	74	4669	0.485	ug/l #	3
9) 1,1,2-Trichlorotrifluo...	4.293	101	38317	2.876	ug/l #	16
11) Tert butyl alcohol	5.369	59	9631	3.101	ug/l #	71
13) Acrolein	4.291	56	118417	26.586	ug/l #	1
14) Allyl chloride	4.789	41	50999	1.761	ug/l #	25
15) Acrylonitrile	5.559	53	10144	1.027	ug/l #	50
16) Acetone	4.282	43	1350483	113.029	ug/l #	46
18) Methyl Acetate	4.854	43	1462254	62.230	ug/l #	87
19) Methyl tert-butyl Ether	5.615	73	374589	7.891	ug/l #	1
20) Methylene Chloride	5.090	84	23717	1.507	ug/l	90
22) Diisopropyl ether	6.498	45	99433	1.733	ug/l #	78
23) Vinyl Acetate	6.396	43	26272	0.540	ug/l #	72
25) 2-Butanone	7.332	43	5947028	395.550	ug/l	92
29) Tetrahydrofuran	7.694	42	14680	1.595	ug/l #	57
30) Chloroform	7.772	83	5974	Below Cal	#	18
31) Cyclohexane	8.094	56	1336290	44.083	ug/l	88
36) 1,1-Dichloropropene	8.086	75	101385	5.110	ug/l #	49
37) Ethyl Acetate	7.332	43	5947028	225.771	ug/l #	68
38) Carbon Tetrachloride	8.083	117	123531	6.999	ug/l #	16
39) Methylcyclohexane	9.459	83	823766	33.631	ug/l	88
41) Methacrylonitrile	7.643	41	4059	0.303	ug/l #	85
42) 1,2-Dichloroethane	8.458	62	314537	14.755	ug/l #	76
43) Isopropyl Acetate	8.558	43	174458	4.336	ug/l #	77
45) 1,2-Dichloropropane	9.459	63	7861	0.470	ug/l #	1
48) Methyl methacrylate	9.531	41	242645	12.659	ug/l #	31
49) 1,4-Dioxane	9.571	88	303	1.052	ug/l #	27
51) 4-Methyl-2-Pentanone	10.336	43	316225	12.318	ug/l	95
53) t-1,3-Dichloropropene	10.513	75	1864618	76.026	ug/l #	1
54) cis-1,3-Dichloropropene	10.247	75	140594	5.897	ug/l #	62
55) 1,1,2-Trichloroethane	10.877	97	19179	1.328	ug/l #	22
56) Ethyl methacrylate	10.773	69	6040	2.511	ug/l #	24
57) 1,3-Dichloropropane	11.089	76	67270	2.630	ug/l #	44
58) 2-Chloroethyl Vinyl ether	10.011	63	440	21.295	ug/l #	45
59) 2-Hexanone	11.089	43	1201547	64.426	ug/l #	50
67) Ethyl Benzene	11.843	91	5087841	73.661	ug/l	95
68) m/p-Xylenes	11.948	106	4091195	162.818	ug/l	91

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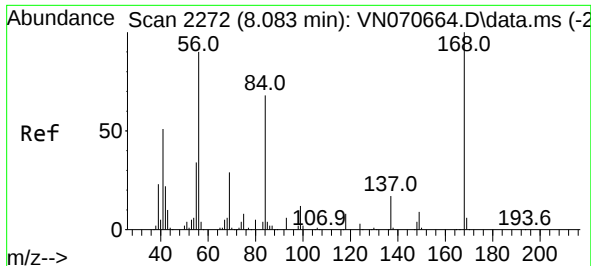
Instrument :
 MSVOA_N
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Quant Time: Jan 20 03:38:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

69) o-Xylene	12.277	106	1388692	55.690	ug/l	89
70) Styrene	12.280	104	83829	2.101	ug/l #	1
73) Isopropylbenzene	12.578	105	78873	1.137	ug/l	95
74) N-amyl acetate	12.350	43	57901	2.042	ug/l #	45
76) 1,2,3-Trichloropropane	12.728	75	444465	22.857	ug/l #	1
78) n-propylbenzene	12.918	91	123785	1.596	ug/l	95
79) 2-Chlorotoluene	12.980	91	52116	1.062	ug/l #	39
80) 1,3,5-Trimethylbenzene	13.058	105	106107	1.892	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.728	75	444465	68.095	ug/l #	5
82) 4-Chlorotoluene	13.058	91	10156	0.222	ug/l #	38
83) tert-Butylbenzene	13.366	119	50025	1.025	ug/l #	69
84) 1,2,4-Trimethylbenzene	13.366	105	413238	7.664	ug/l	93
85) sec-Butylbenzene	13.500	105	18334	0.276	ug/l	89
86) p-Isopropyltoluene	13.613	119	14530	0.279	ug/l	99
89) n-Butylbenzene	13.940	91	13527	0.314	ug/l #	73
90) Hexachloroethane	14.214	117	8402	0.922	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.265	180	1954	3.560	ug/l #	52
95) Naphthalene	15.507	128	125362	7.920	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	953	3.285	ug/l	93

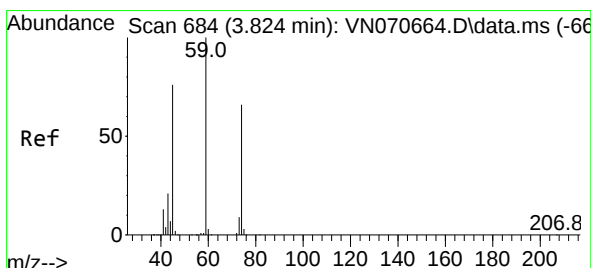
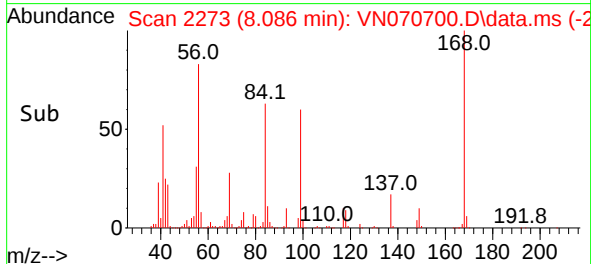
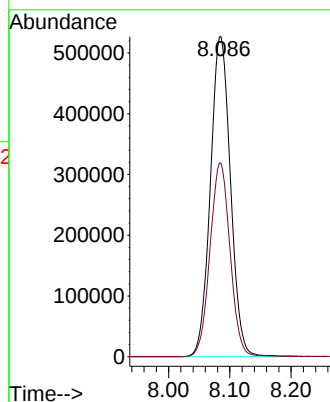
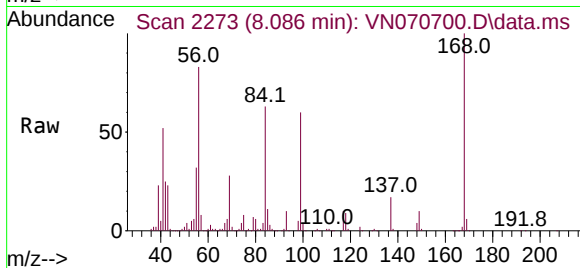
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

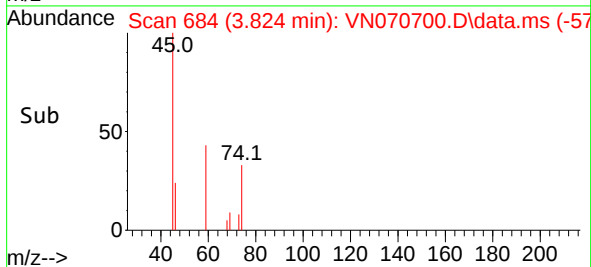
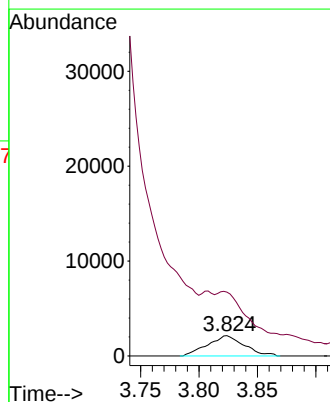
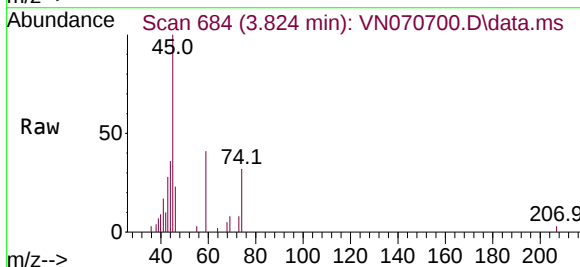
Instrument :
MSVOA_N
ClientSampleId :

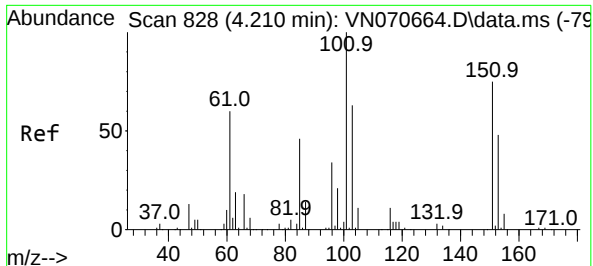
Tgt Ion:168 Resp: 1201159
Ion Ratio Lower Upper
168 100
99 60.5 41.3 61.9



#8
Diethyl Ether
Concen: 0.485 ug/l
RT: 3.824 min Scan# 684
Delta R.T. -0.000 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

Tgt Ion: 74 Resp: 4669
Ion Ratio Lower Upper
74 100
45 0.0 47.0 141.2#

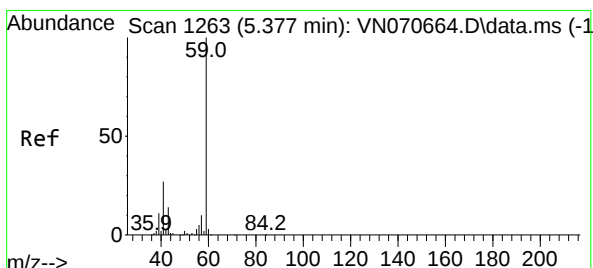
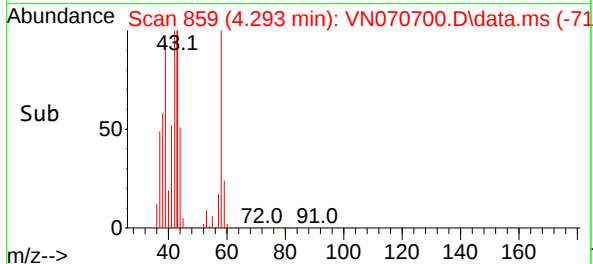
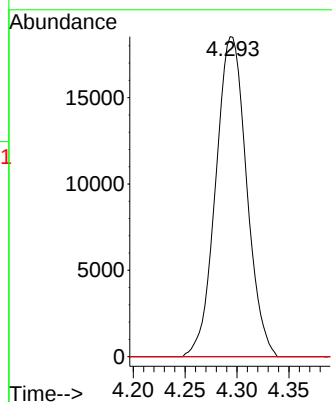
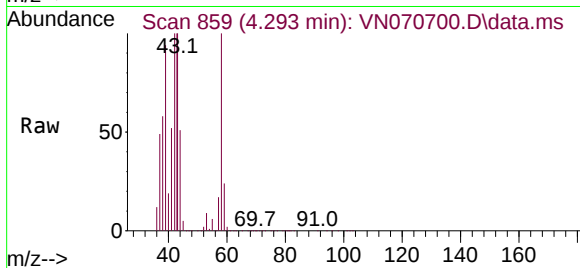




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.876 ug/l
RT: 4.293 min Scan# 81
Delta R.T. 0.083 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

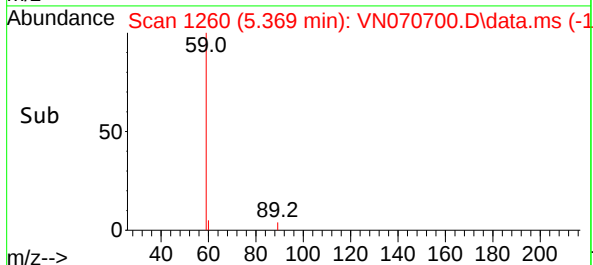
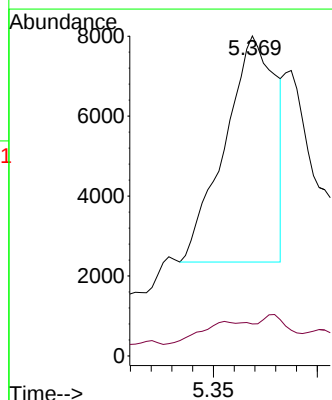
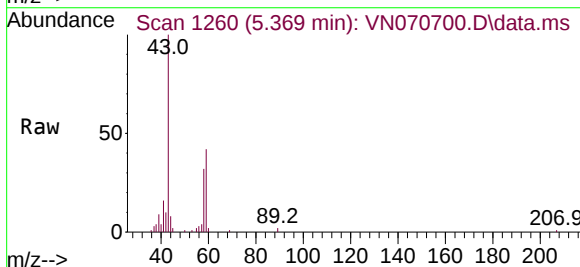
Instrument :
MSVOA_N
ClientSampleId :

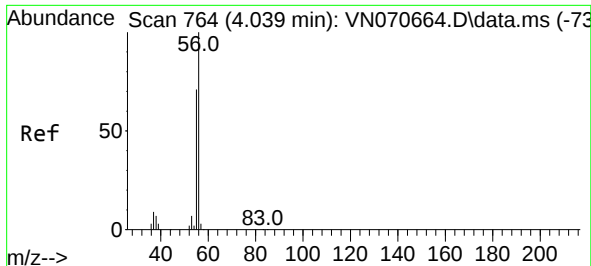
Tgt Ion:101 Resp: 38317
Ion Ratio Lower Upper
101 100
85 0.0 37.2 55.8#
151 0.0 65.9 98.9#



#11
Tert butyl alcohol
Concen: 3.101 ug/l
RT: 5.369 min Scan# 1260
Delta R.T. -0.008 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

Tgt Ion: 59 Resp: 9631
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

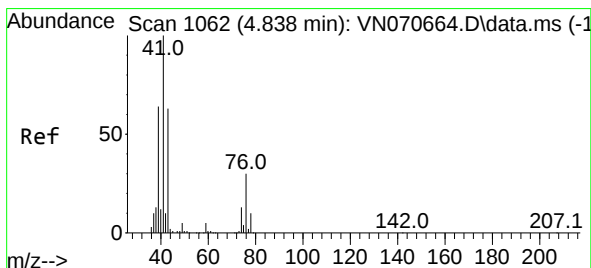
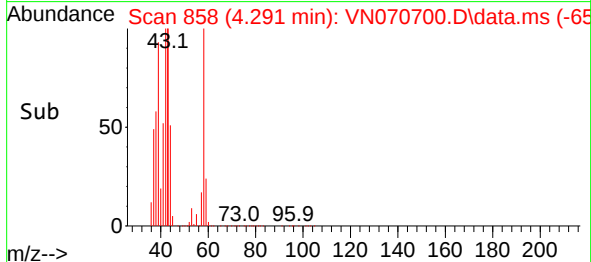
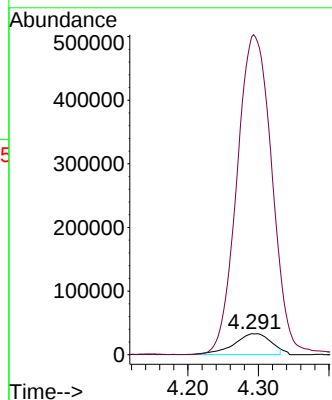
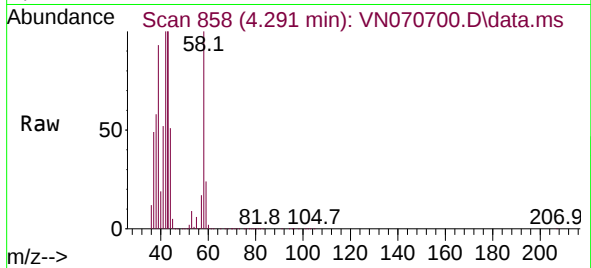




#13
Acrolein
Concen: 26.586 ug/l
RT: 4.291 min Scan# 81
Delta R.T. 0.252 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

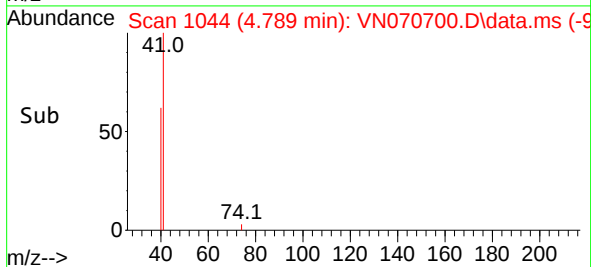
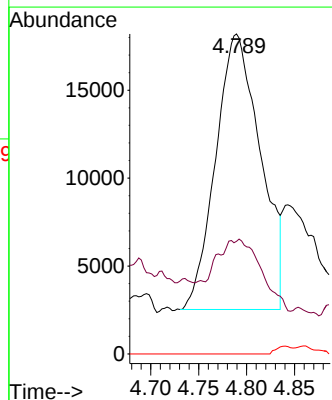
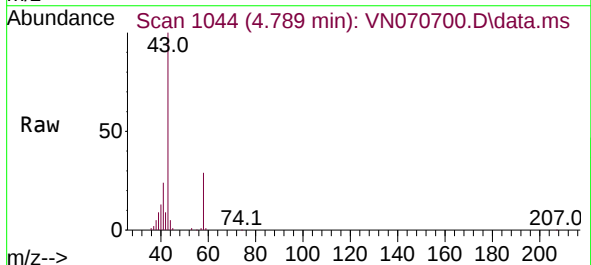
Instrument :
MSVOA_N
ClientSampleId :

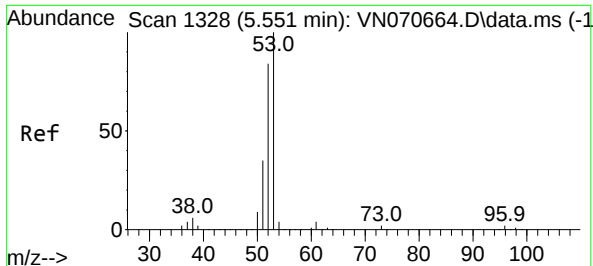
Tgt Ion: 56 Resp: 118417
Ion Ratio Lower Upper
56 100
55 1390.3 56.6 85.0#



#14
Allyl chloride
Concen: 1.761 ug/l
RT: 4.789 min Scan# 1044
Delta R.T. -0.049 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

Tgt Ion: 41 Resp: 50999
Ion Ratio Lower Upper
41 100
39 5.4 61.2 91.8#
76 0.0 26.0 39.0#

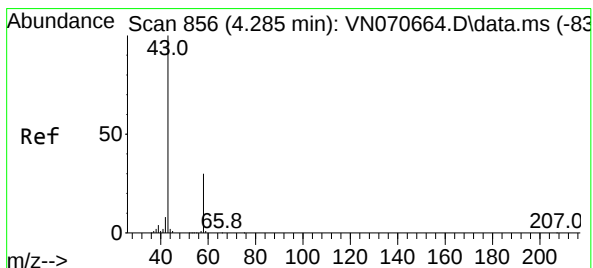
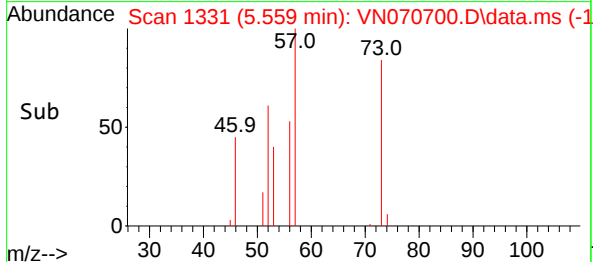
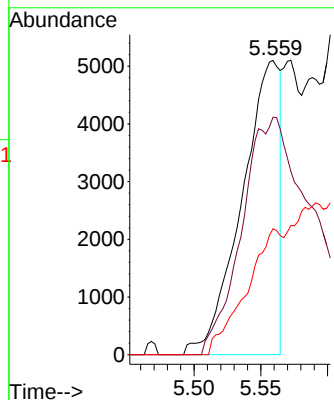
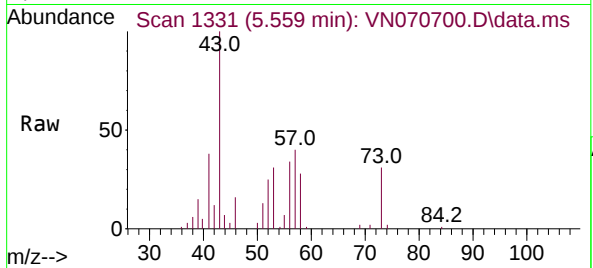




#15
Acrylonitrile
Concen: 1.027 ug/l
RT: 5.559 min Scan# 11
Delta R.T. 0.008 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

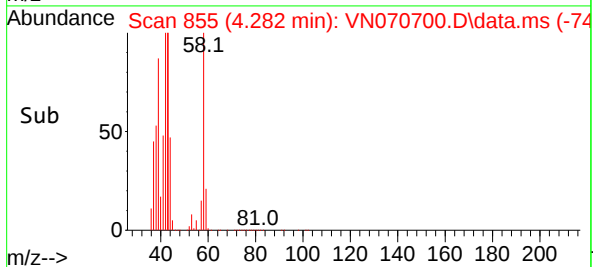
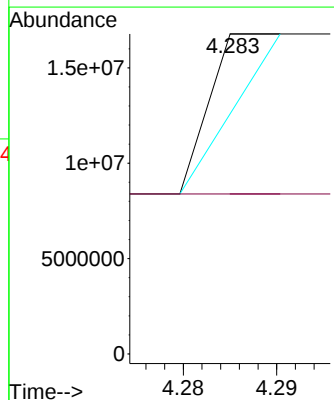
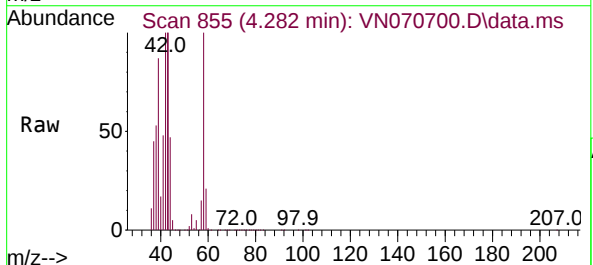
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MSVOA_N
ClientSampleId :

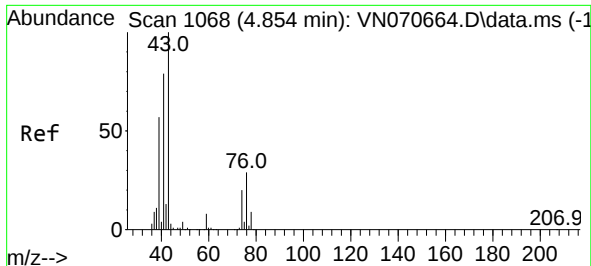
Tgt Ion: 53 Resp: 10144
Ion Ratio Lower Upper
53 100
52 145.5 66.2 99.2#
51 41.0 29.6 44.4



#16
Acetone
Concen: 113.029 ug/l
RT: 4.282 min Scan# 855
Delta R.T. -0.003 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

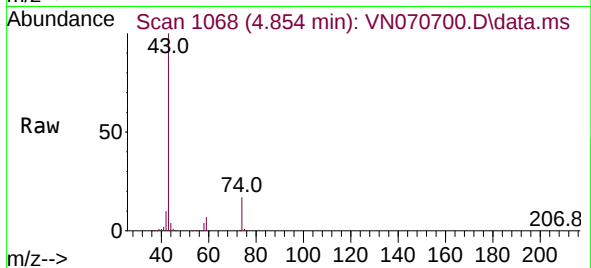
Tgt Ion: 43 Resp: 1350483
Ion Ratio Lower Upper
43 100
58 0.0 23.1 34.7#



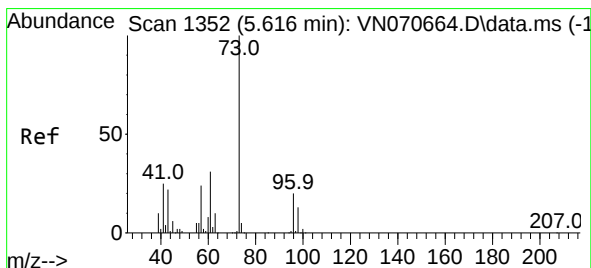
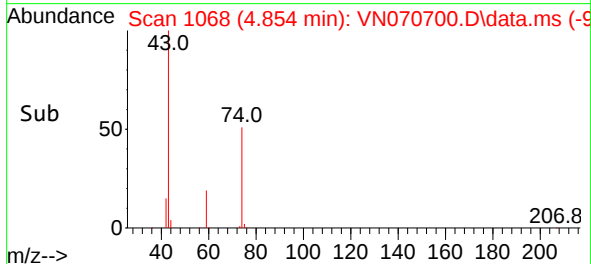
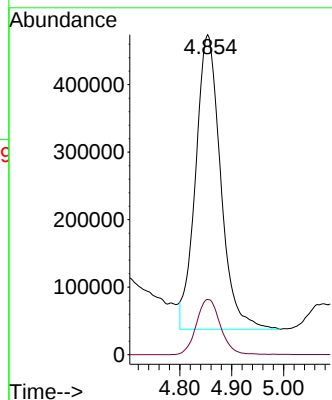


#18
Methyl Acetate
Concen: 62.230 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

Instrument :
MSVOA_N
ClientSampleId :

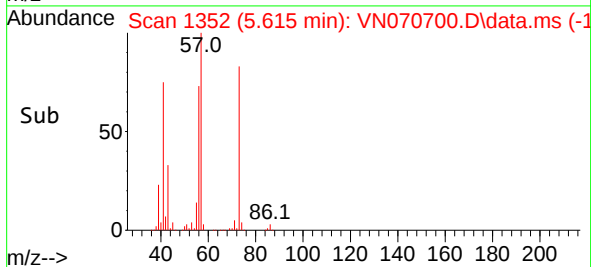
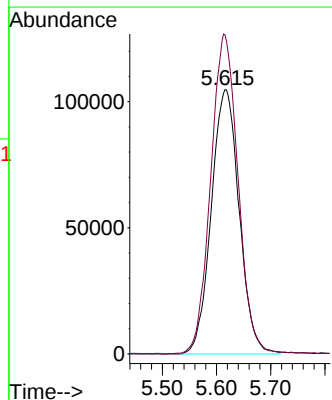
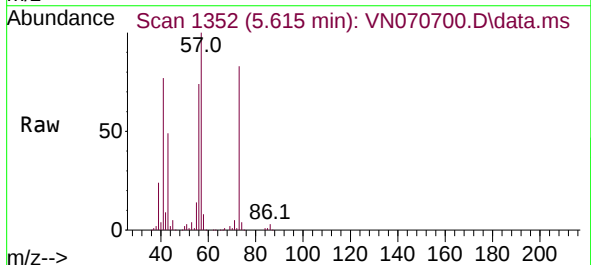


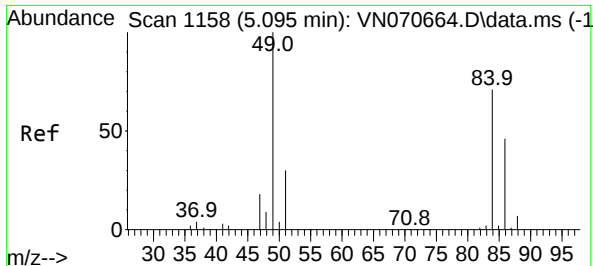
Tgt Ion: 43 Resp: 1462254
Ion Ratio Lower Upper
43 100
74 18.0 19.4 29.2#



#19
Methyl tert-butyl Ether
Concen: 7.891 ug/l
RT: 5.615 min Scan# 1352
Delta R.T. -0.001 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

Tgt Ion: 73 Resp: 374589
Ion Ratio Lower Upper
73 100
57 120.4 16.8 25.2#





#20

Methylene Chloride

Concen: 1.507 ug/l

RT: 5.090 min Scan# 1156

Delta R.T. -0.005 min

Lab File: VN070700.D

Acq: 19 Jan 2022 15:21

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 84 Resp: 23717

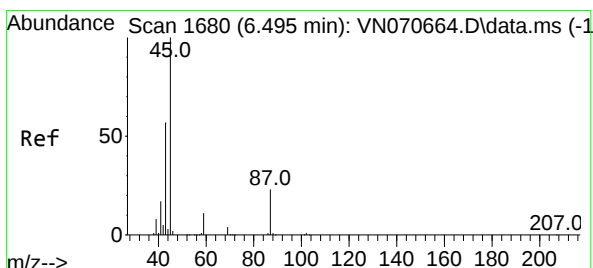
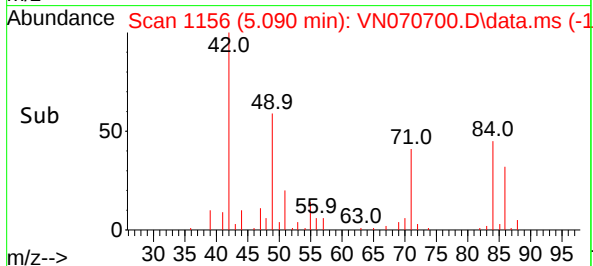
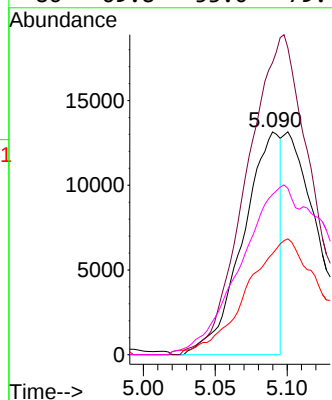
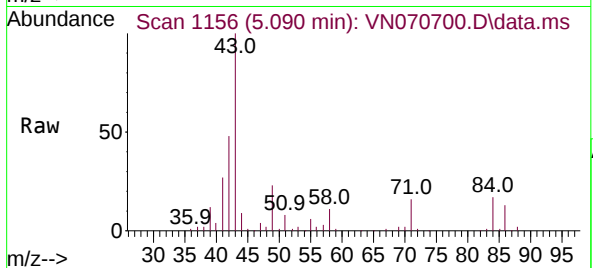
Ion Ratio Lower Upper

84 100

49 131.1 93.5 140.3

51 43.4 29.4 44.2

86 69.8 53.0 79.4



#22

Diisopropyl ether

Concen: 1.733 ug/l

RT: 6.498 min Scan# 1681

Delta R.T. 0.003 min

Lab File: VN070700.D

Acq: 19 Jan 2022 15:21

Tgt Ion: 45 Resp: 99433

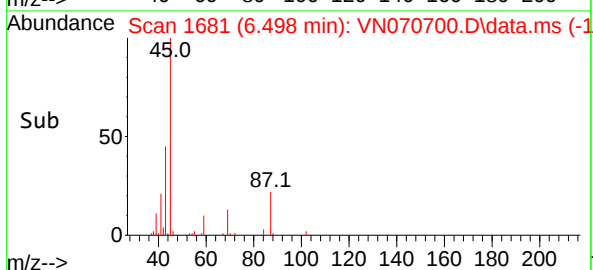
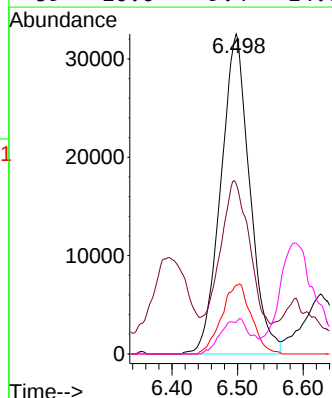
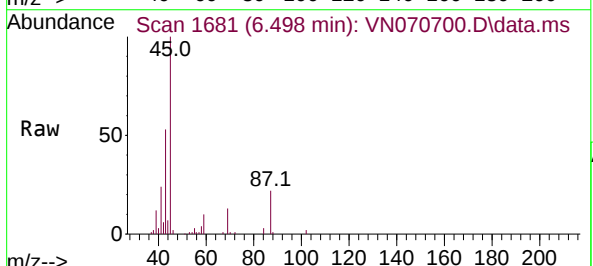
Ion Ratio Lower Upper

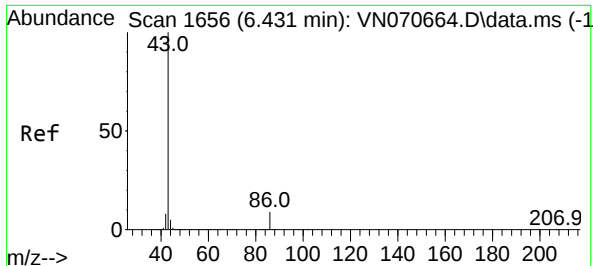
45 100

43 42.5 51.7 77.5#

87 21.5 23.2 34.8#

59 10.0 9.4 14.0





#23

Vinyl Acetate

Concen: 0.540 ug/l

RT: 6.396 min Scan# 1

Delta R.T. -0.035 min

Lab File: VN070700.D

Acq: 19 Jan 2022 15:21

Instrument :

MSVOA_N

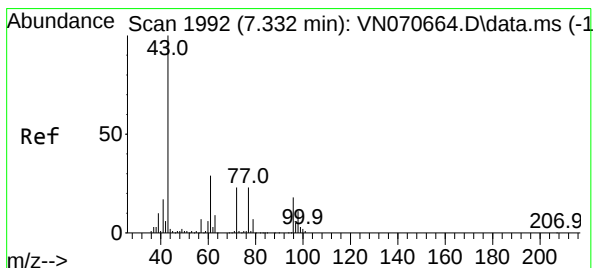
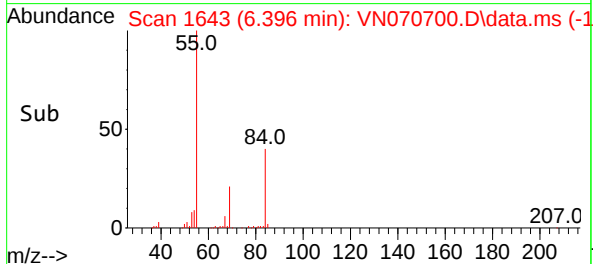
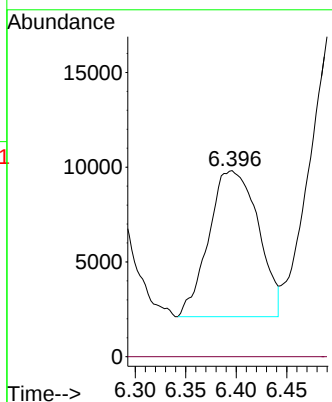
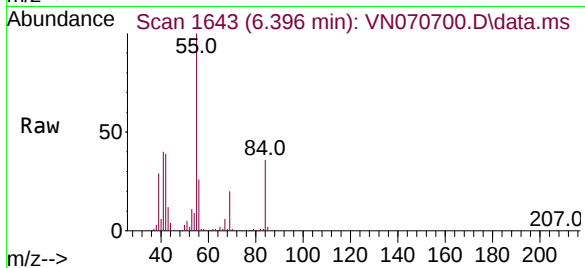
ClientSampleId :

Tgt Ion: 43 Resp: 26272

Ion Ratio Lower Upper

43 100

86 0.0 8.5 12.7#



#25

2-Butanone

Concen: 395.550 ug/l

RT: 7.332 min Scan# 1992

Delta R.T. -0.000 min

Lab File: VN070700.D

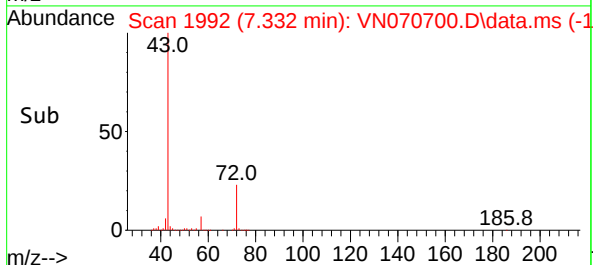
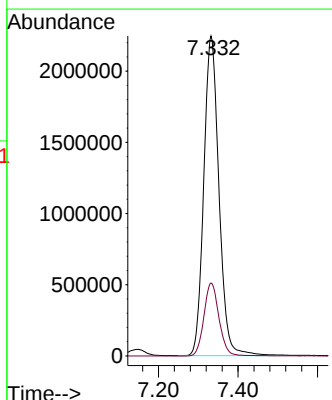
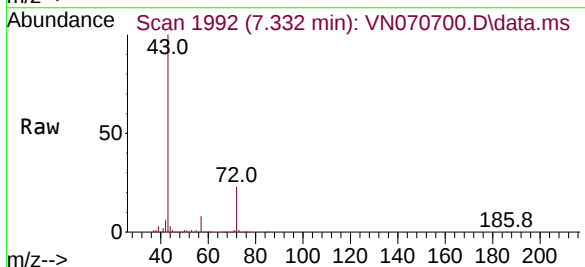
Acq: 19 Jan 2022 15:21

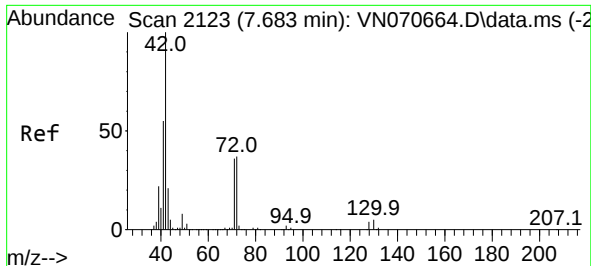
Tgt Ion: 43 Resp: 5947028

Ion Ratio Lower Upper

43 100

72 22.8 21.7 32.5





#29

Tetrahydrofuran

Concen: 1.595 ug/l

RT: 7.694 min Scan# 21

Delta R.T. 0.011 min

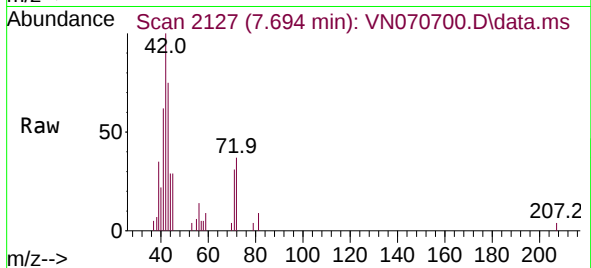
Lab File: VN070700.D

Acq: 19 Jan 2022 15:21

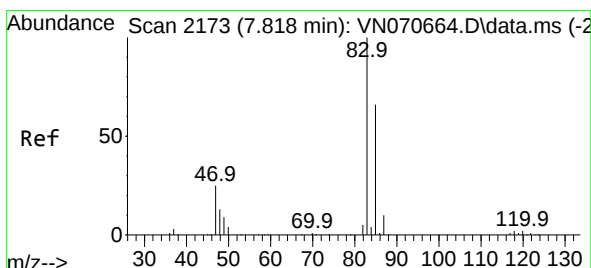
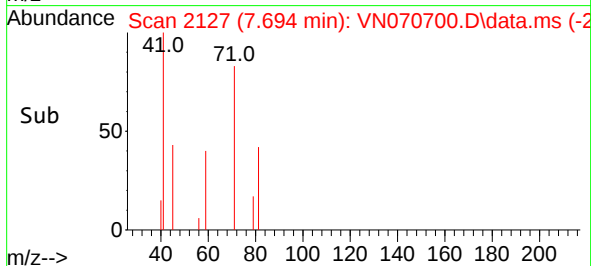
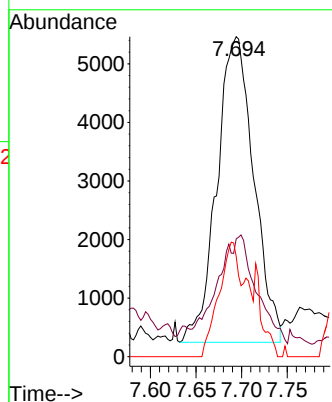
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	14680
Ion Ratio	Lower	Upper	
42	100		
72	12.8	36.3	54.5#
71	20.5	34.7	52.1#



#30

Chloroform

Concen: Below Cal

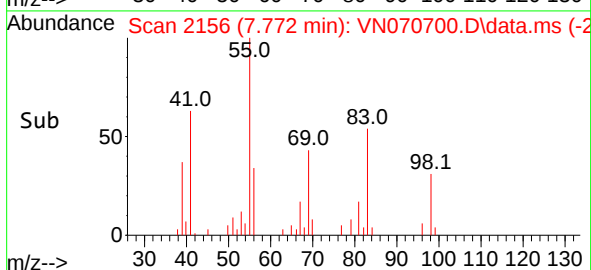
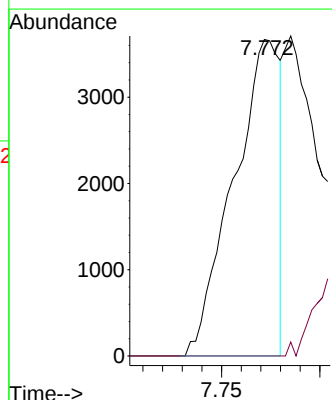
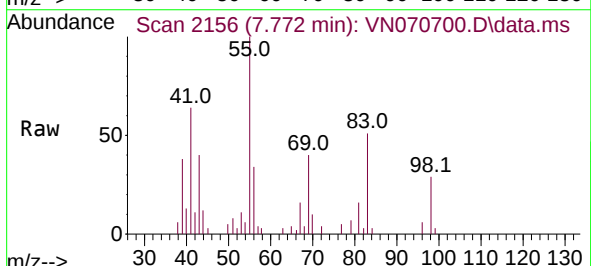
RT: 7.772 min Scan# 2156

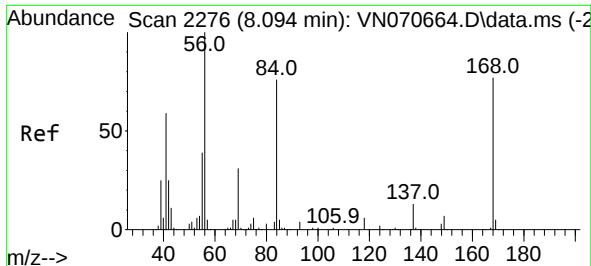
Delta R.T. -0.046 min

Lab File: VN070700.D

Acq: 19 Jan 2022 15:21

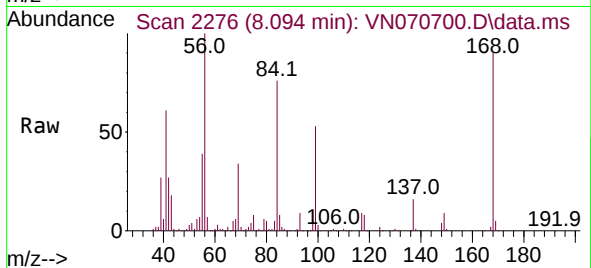
Tgt Ion:	83	Resp:	5974
Ion Ratio	Lower	Upper	
83	100		
85	0.0	51.9	77.9#



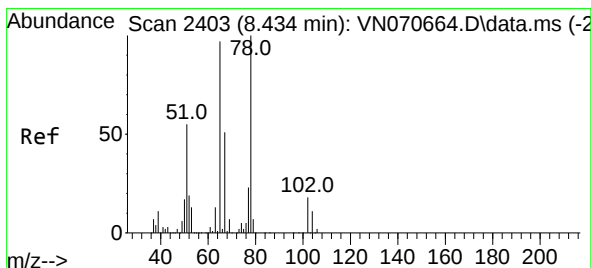
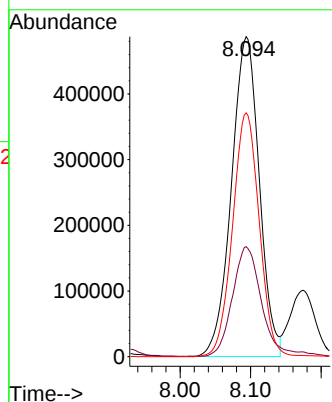
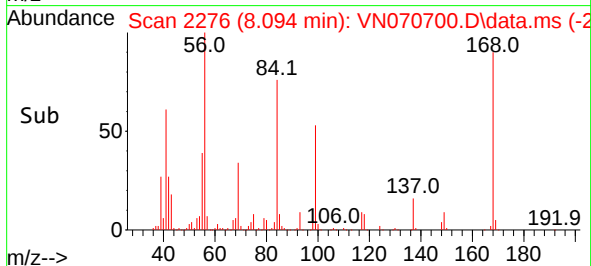


#31
Cyclohexane
Concen: 44.083 ug/l
RT: 8.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

Instrument :
MSVOA_N
ClientSampleId :

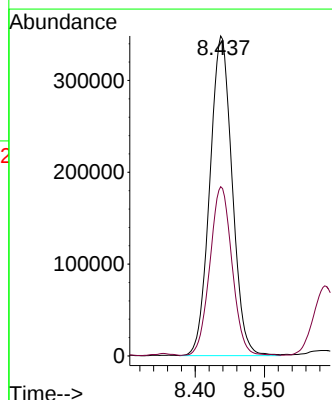
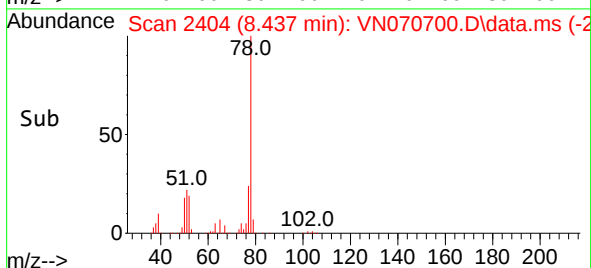
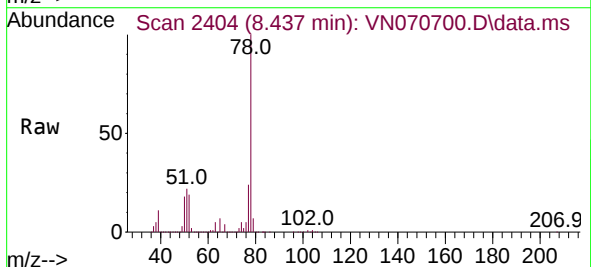


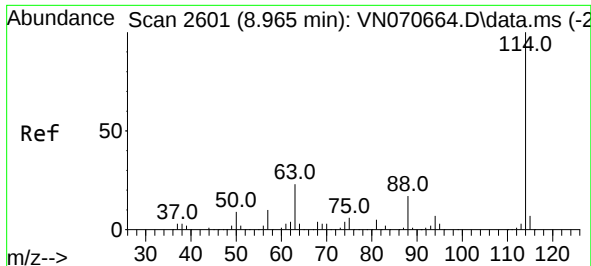
Tgt Ion: 56 Resp: 1336290
Ion Ratio Lower Upper
56 100
69 34.3 27.1 40.7
84 76.3 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 45.308 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

Tgt Ion: 65 Resp: 779954
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2

Delta R.T. 0.000 min

Lab File: VN070700.D

Acq: 19 Jan 2022 15:21

Instrument :

MSVOA_N

ClientSampleId :

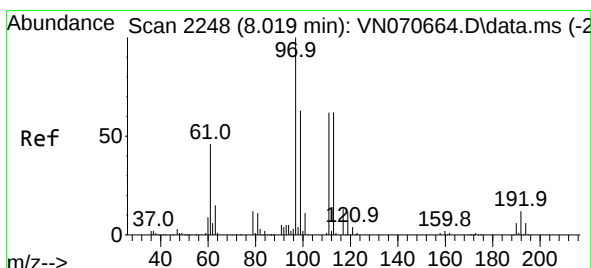
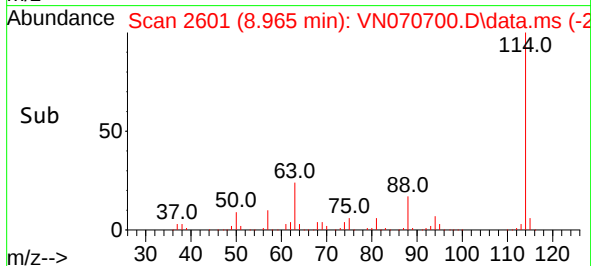
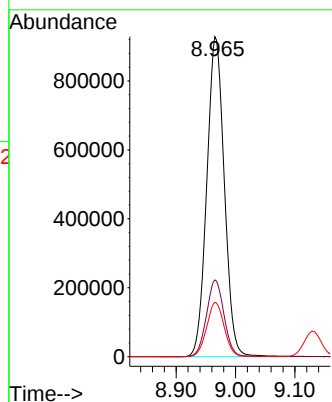
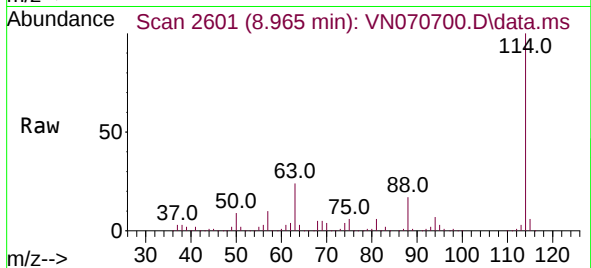
Tgt Ion:114 Resp: 1899979

Ion Ratio Lower Upper

114 100

63 24.0 0.0 37.8

88 17.0 0.0 27.4



#35

Dibromofluoromethane

Concen: 45.371 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.002 min

Lab File: VN070700.D

Acq: 19 Jan 2022 15:21

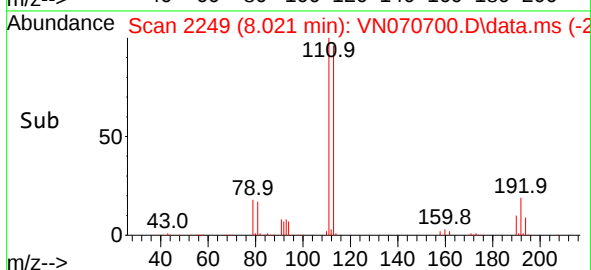
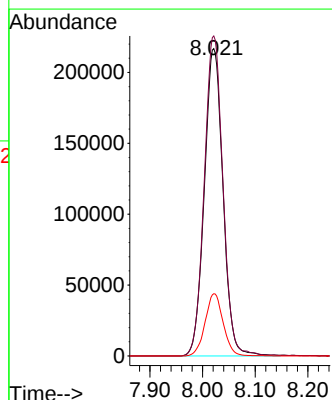
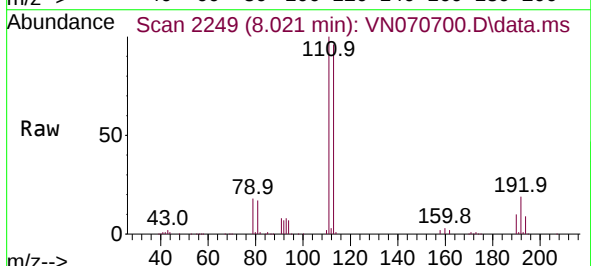
Tgt Ion:113 Resp: 534723

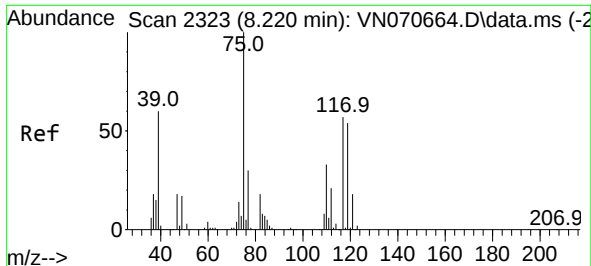
Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.2

192 19.6 16.9 25.3





#36

1,1-Dichloropropene

Concen: 5.110 ug/l

RT: 8.086 min Scan# 21

Delta R.T. -0.134 min

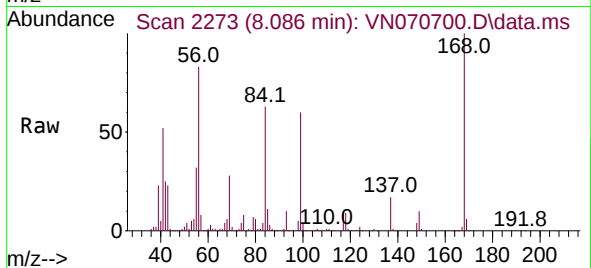
Lab File: VN070700.D

Acq: 19 Jan 2022 15:21

Instrument :

MSVOA_N

ClientSampleId :



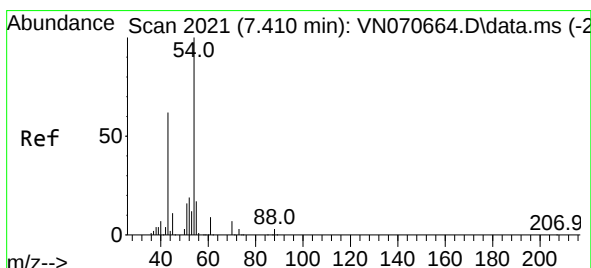
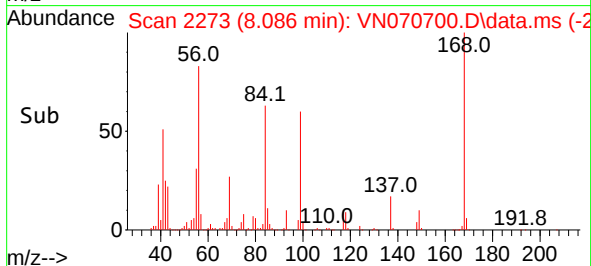
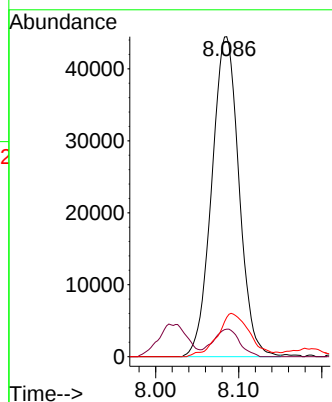
Tgt Ion: 75 Resp: 101385

Ion Ratio Lower Upper

75 100

110 8.5 18.4 55.2#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 225.771 ug/l

RT: 7.332 min Scan# 1992

Delta R.T. -0.078 min

Lab File: VN070700.D

Acq: 19 Jan 2022 15:21

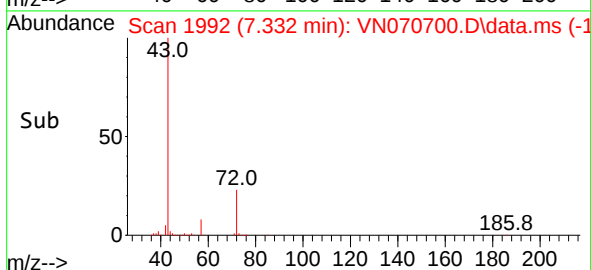
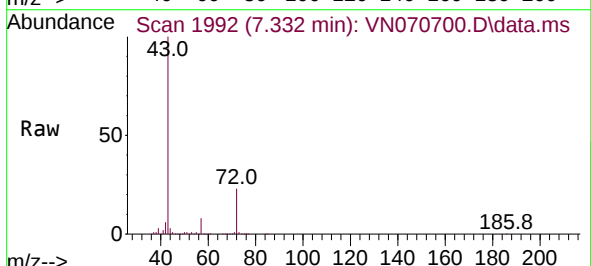
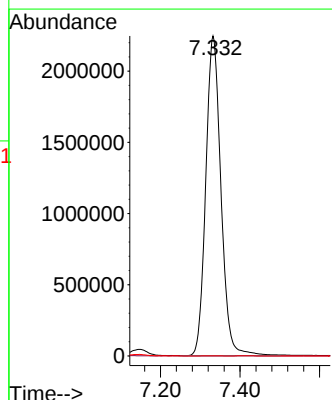
Tgt Ion: 43 Resp: 5947028

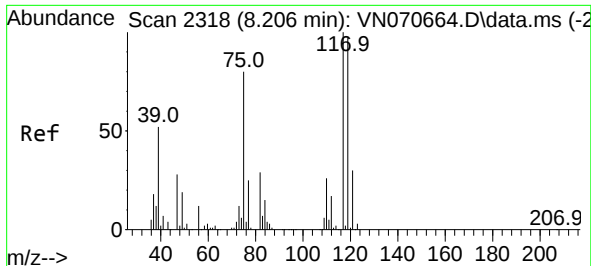
Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

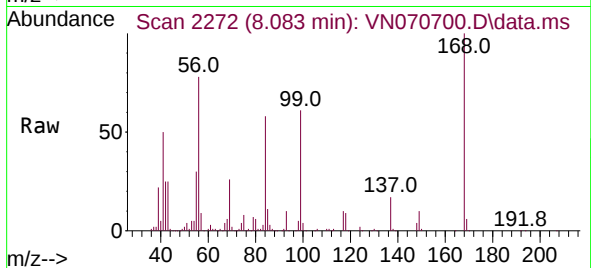
70 0.1 7.9 11.9#



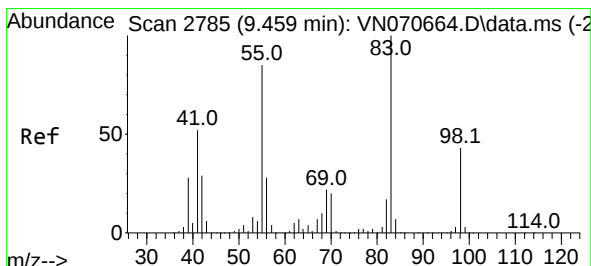
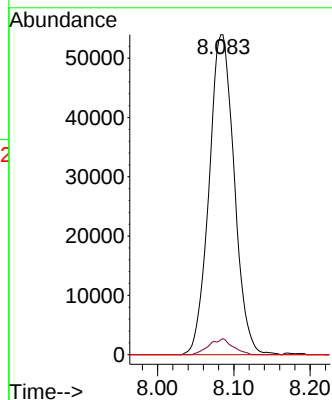
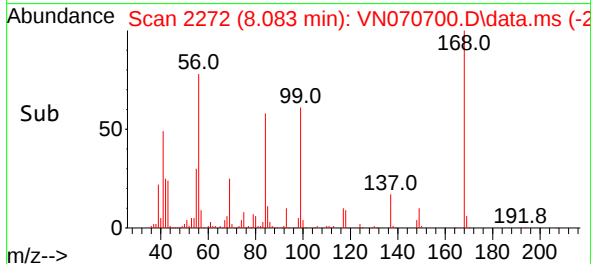


#38
Carbon Tetrachloride
Concen: 6.999 ug/l
RT: 8.083 min Scan# 211
Delta R.T. -0.123 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

Instrument :
MSVOA_N
ClientSampleId :

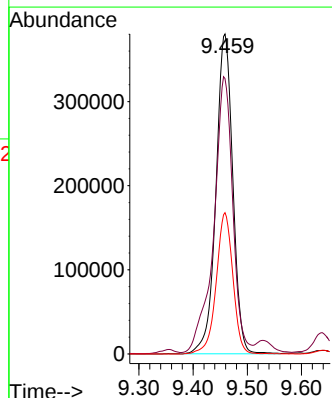
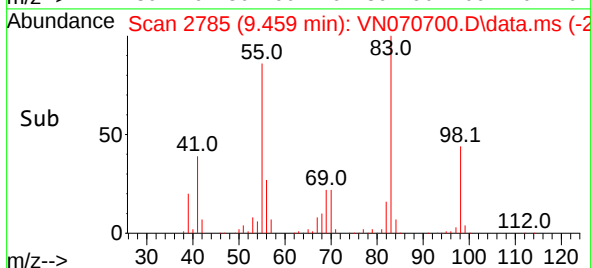
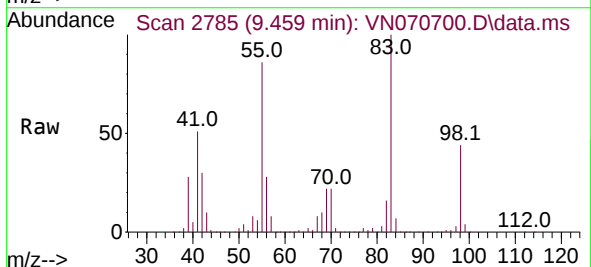


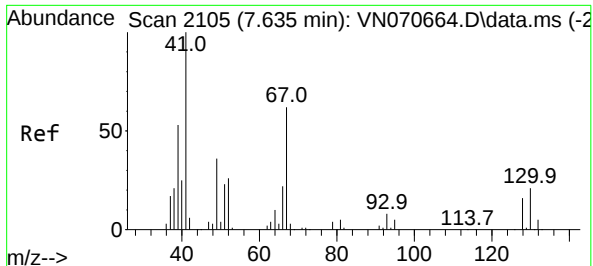
Tgt Ion:117 Resp: 123531
Ion Ratio Lower Upper
117 100
119 4.7 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 33.631 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

Tgt Ion: 83 Resp: 823766
Ion Ratio Lower Upper
83 100
55 85.6 58.1 87.1
98 44.2 38.4 57.6

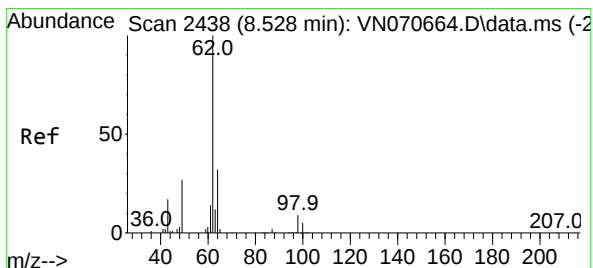
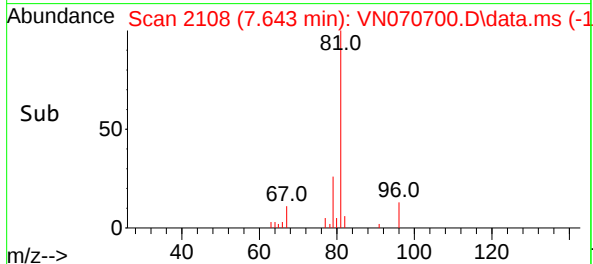
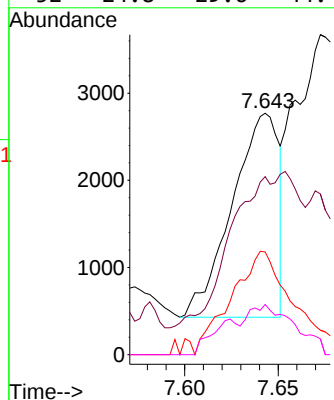
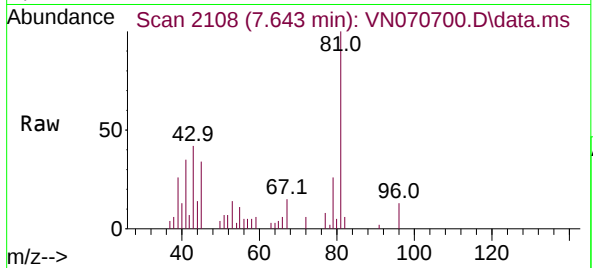




#41
Methacrylonitrile
Concen: 0.303 ug/l
RT: 7.643 min Scan# 2105
Delta R.T. 0.008 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

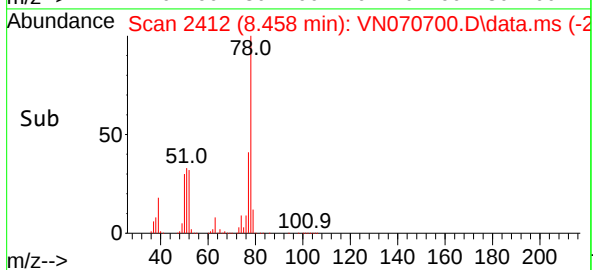
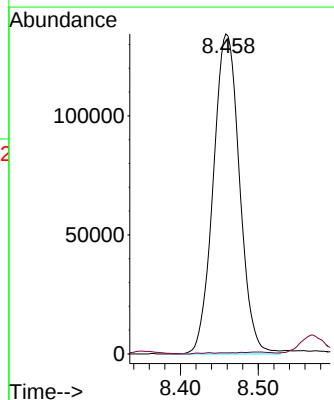
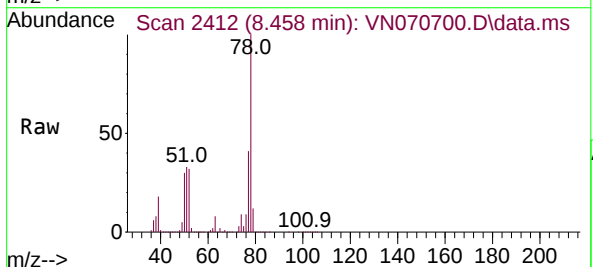
Instrument :
MSVOA_N
ClientSampleId :

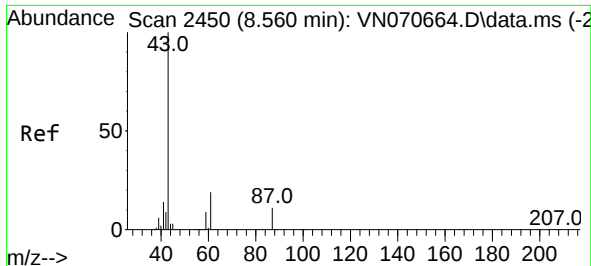
Tgt Ion:	41	Resp:	4059
Ion	Ratio	Lower	Upper
41	100		
39	65.7	48.1	72.1
67	68.1	68.3	102.5#
52	24.8	29.6	44.4#



#42
1,2-Dichloroethane
Concen: 14.755 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.070 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

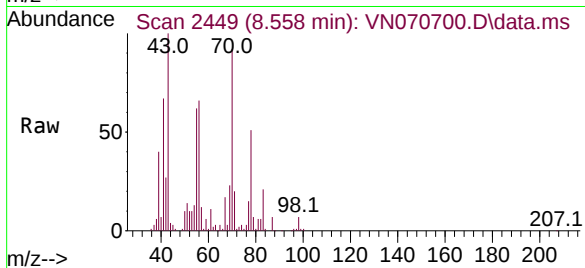
Tgt Ion:	62	Resp:	314537
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.6



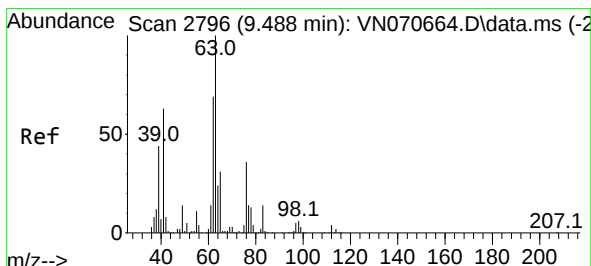
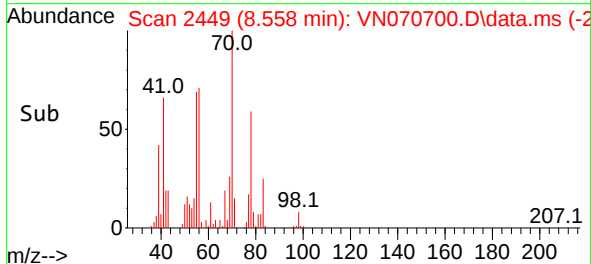
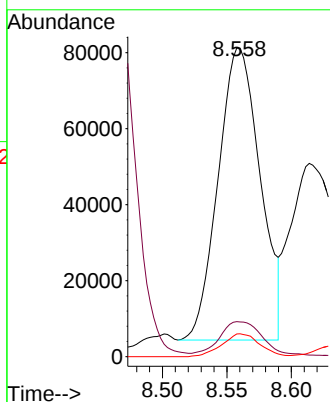


#43
Isopropyl Acetate
Concen: 4.336 ug/l
RT: 8.558 min Scan# 2449
Delta R.T. -0.002 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

Instrument : MSVOA_N
ClientSampleId :

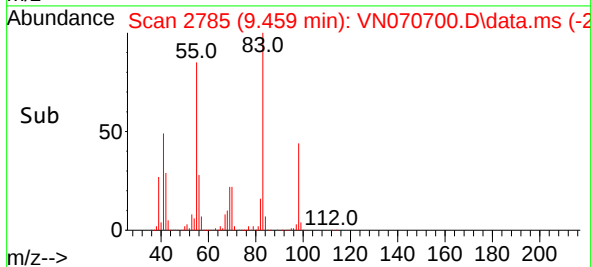
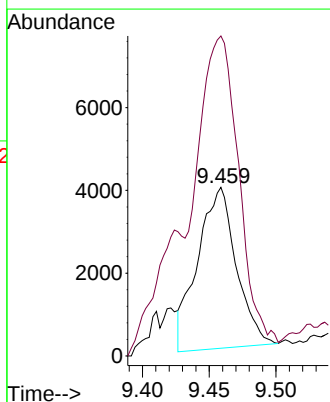
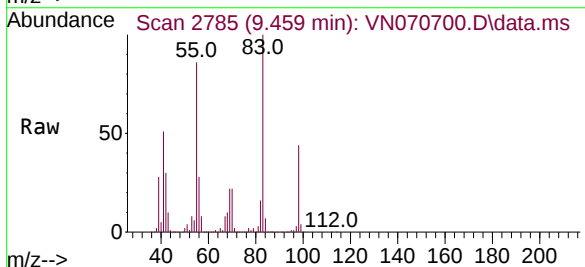


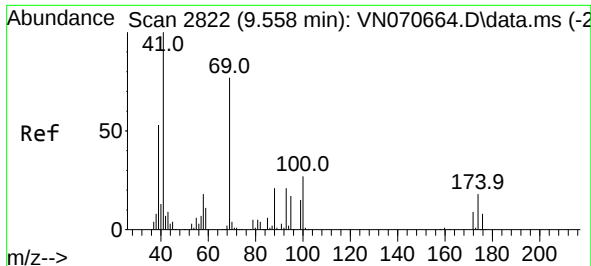
Tgt Ion: 43 Resp: 174458
Ion Ratio Lower Upper
43 100
61 11.9 20.4 30.6#
87 7.1 11.2 16.8#



#45
1,2-Dichloropropane
Concen: 0.470 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.029 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

Tgt Ion: 63 Resp: 7861
Ion Ratio Lower Upper
63 100
65 196.3 24.7 37.1#

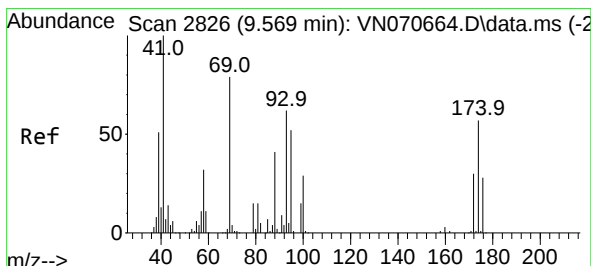
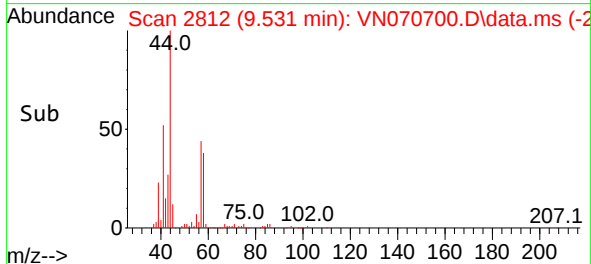
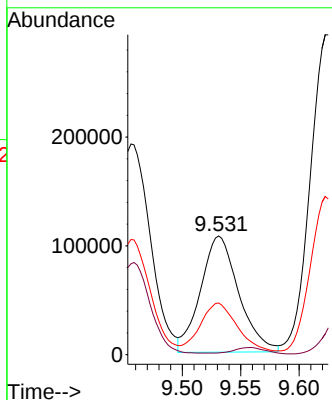
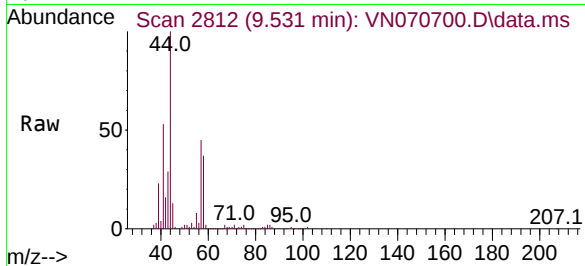




#48
Methyl methacrylate
Concen: 12.659 ug/l
RT: 9.531 min Scan# 2812
Delta R.T. -0.027 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

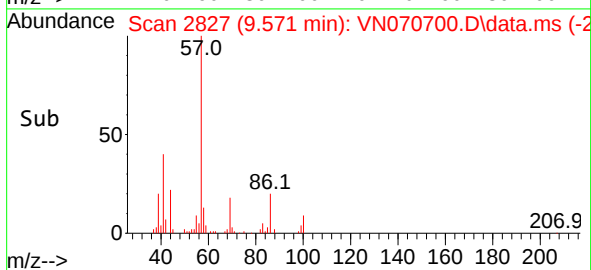
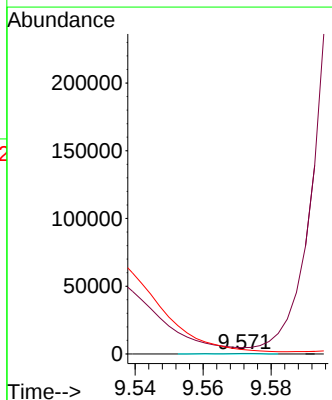
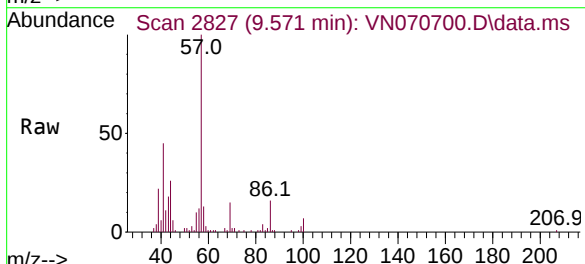
Instrument :
MSVOA_N
ClientSampleId :

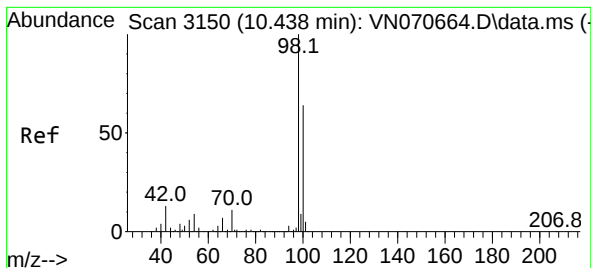
Tgt Ion: 41 Resp: 242645
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 42.2 58.4 87.6#



#49
1,4-Dioxane
Concen: 1.052 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.002 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

Tgt Ion: 88 Resp: 303
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 0.0 50.6 75.8#





#50

Toluene-d8

Concen: 47.920 ug/l

RT: 10.443 min Scan# 3112

Delta R.T. 0.005 min

Lab File: VN070700.D

Acq: 19 Jan 2022 15:21

Instrument :

MSVOA_N

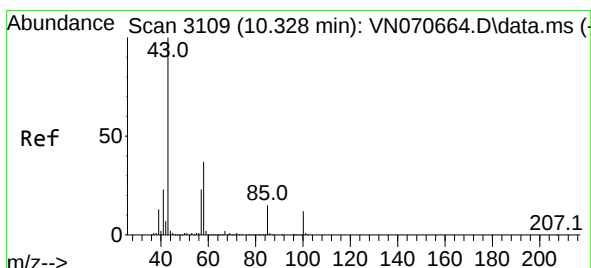
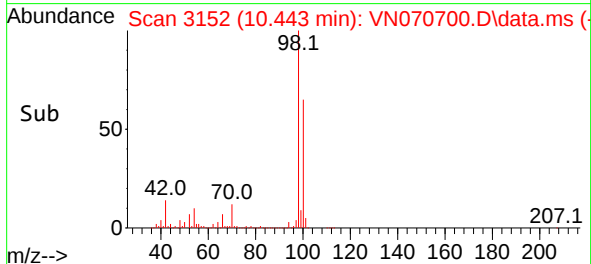
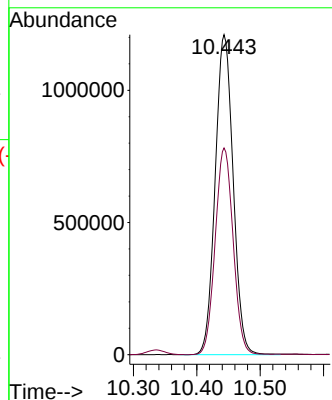
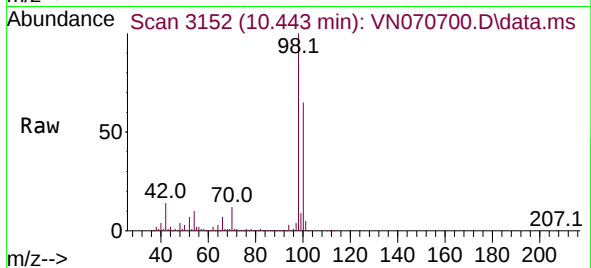
ClientSampleId :

Tgt Ion: 98 Resp: 2379221

Ion Ratio Lower Upper

98 100

100 64.6 50.4 75.6



#51

4-Methyl-2-Pentanone

Concen: 12.318 ug/l

RT: 10.336 min Scan# 3112

Delta R.T. 0.008 min

Lab File: VN070700.D

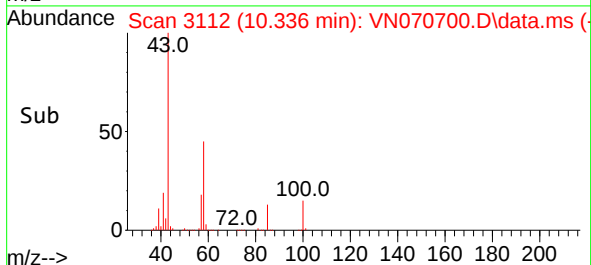
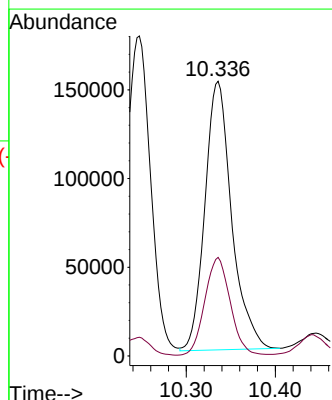
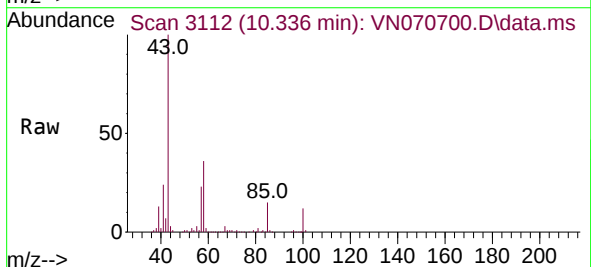
Acq: 19 Jan 2022 15:21

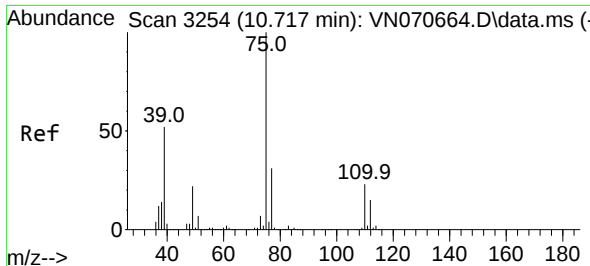
Tgt Ion: 43 Resp: 316225

Ion Ratio Lower Upper

43 100

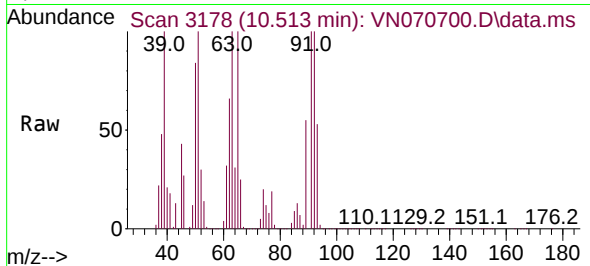
58 34.9 30.4 45.6



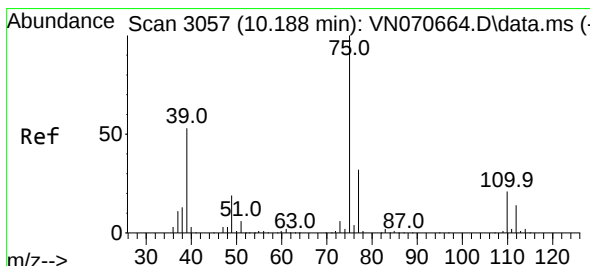
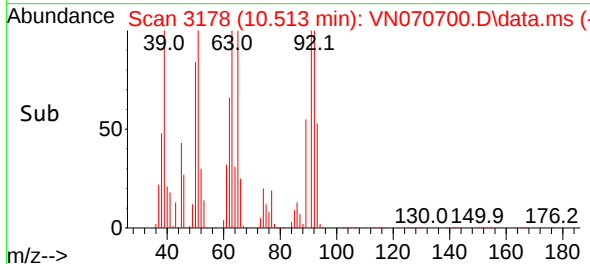
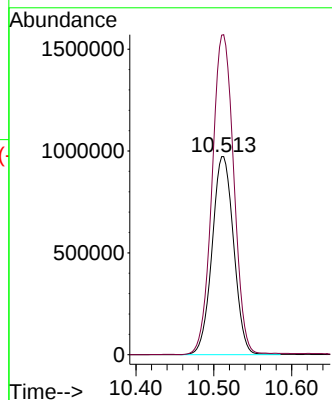


#53
t-1,3-Dichloropropene
Concen: 76.026 ug/l
RT: 10.513 min Scan# 3178
Delta R.T. -0.204 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

Instrument :
MSVOA_N
ClientSampleId :

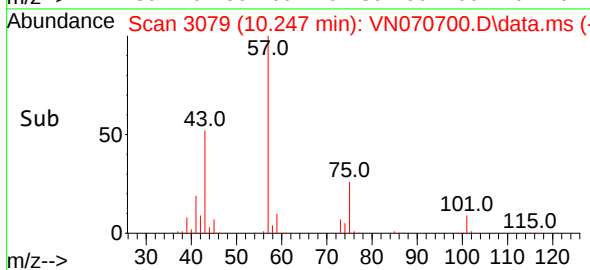
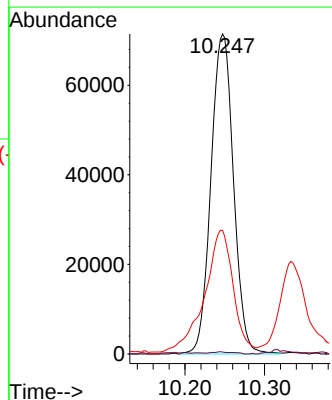
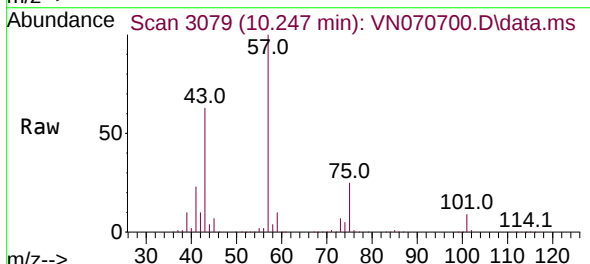


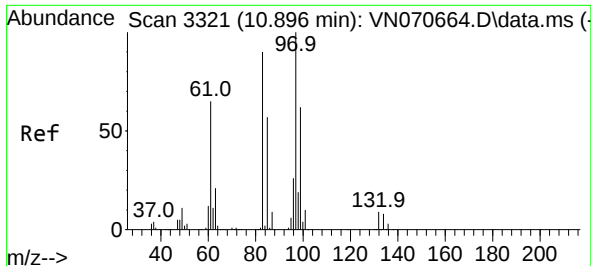
Tgt Ion: 75 Resp: 1864618
Ion Ratio Lower Upper
75 100
77 161.4 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 5.897 ug/l
RT: 10.247 min Scan# 3079
Delta R.T. 0.059 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

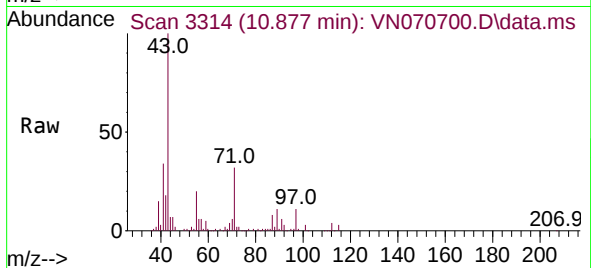
Tgt Ion: 75 Resp: 140594
Ion Ratio Lower Upper
75 100
77 0.3 26.4 39.6#
39 34.8 42.5 63.7#



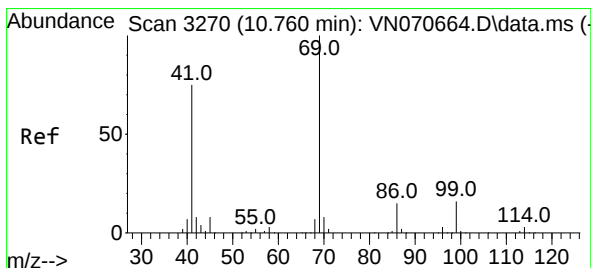
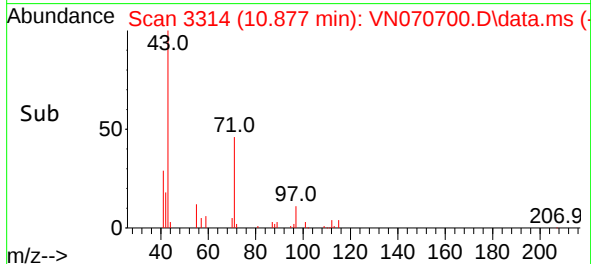
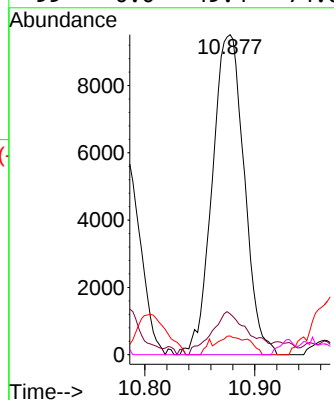


#55
1,1,2-Trichloroethane
Concen: 1.328 ug/l
RT: 10.877 min Scan# 31
Delta R.T. -0.019 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

Instrument :
MSVOA_N
ClientSampleId :

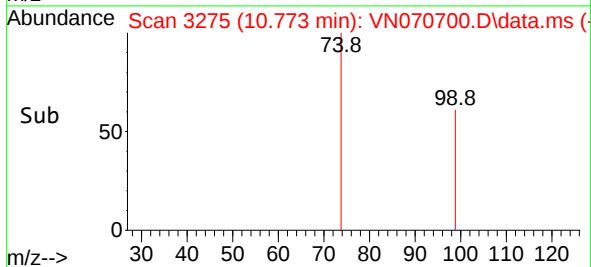
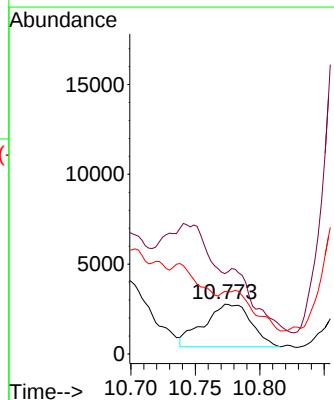
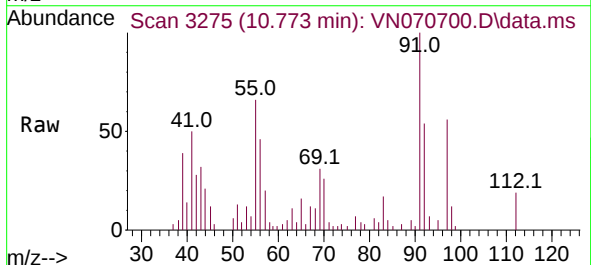


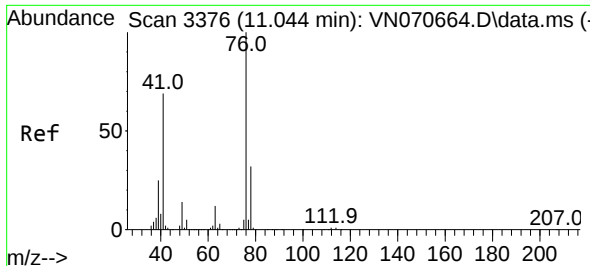
Tgt Ion:	97	Resp:	19179
Ion	Ratio	Lower	Upper
97	100		
83	11.0	67.8	101.6#
85	5.9	45.4	68.2#
99	0.0	49.4	74.0#



#56
Ethyl methacrylate
Concen: 2.511 ug/l
RT: 10.773 min Scan# 3275
Delta R.T. 0.013 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

Tgt Ion:	69	Resp:	6040
Ion	Ratio	Lower	Upper
69	100		
41	0.0	51.4	77.0#
39	0.0	34.6	52.0#





#57

1,3-Dichloropropane

Concen: 2.630 ug/l

RT: 11.089 min Scan# 31

Delta R.T. 0.045 min

Lab File: VN070700.D

Acq: 19 Jan 2022 15:21

Instrument :

MSVOA_N

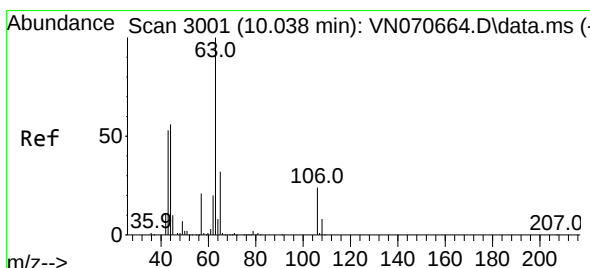
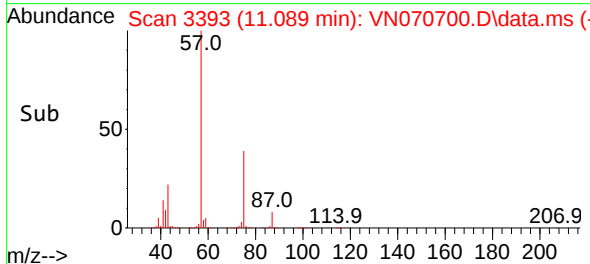
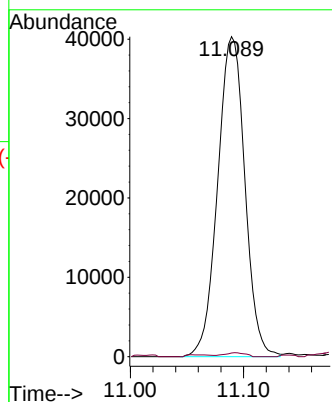
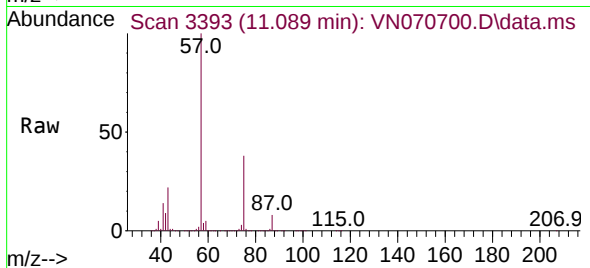
ClientSampleId :

Tgt Ion: 76 Resp: 67270

Ion Ratio Lower Upper

76 100

78 1.0 25.7 38.5#



#58

2-Chloroethyl Vinyl ether

Concen: 21.295 ug/l

RT: 10.011 min Scan# 2991

Delta R.T. -0.027 min

Lab File: VN070700.D

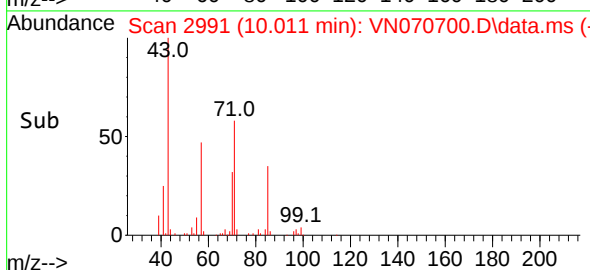
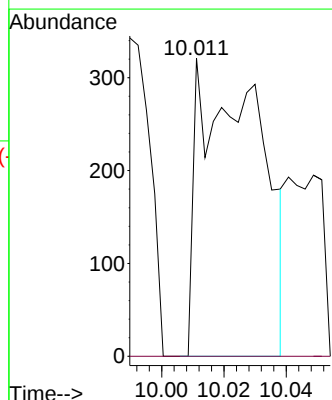
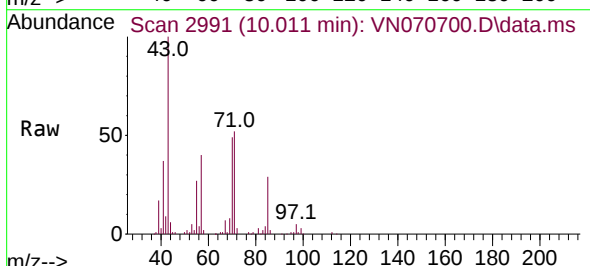
Acq: 19 Jan 2022 15:21

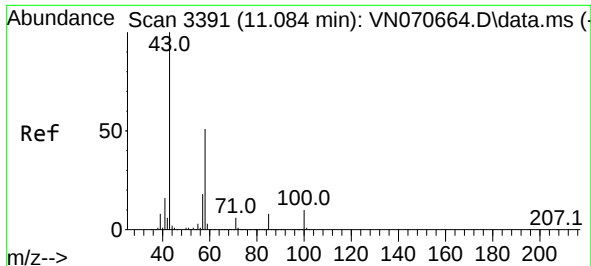
Tgt Ion: 63 Resp: 440

Ion Ratio Lower Upper

63 100

106 0.0 23.9 35.9#

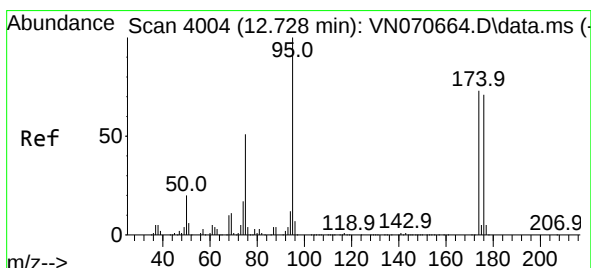
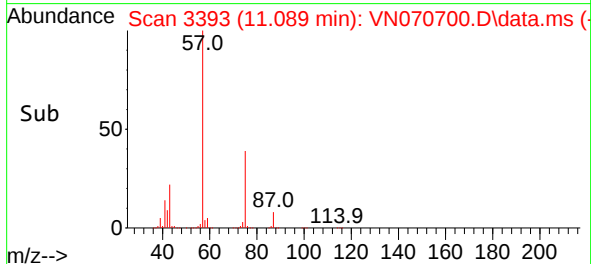
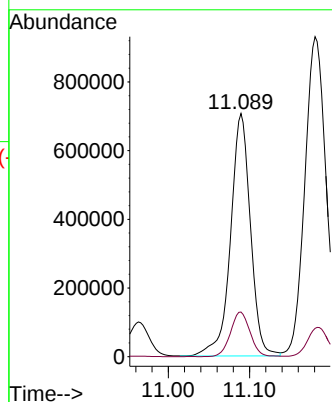
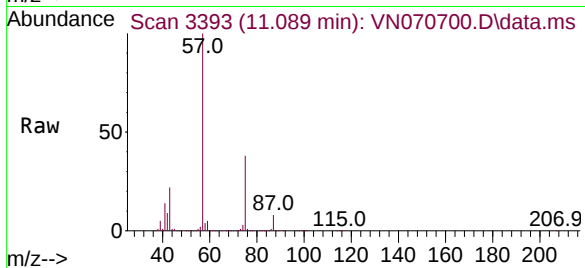




#59
2-Hexanone
Concen: 64.426 ug/l
RT: 11.089 min Scan# 3391
Delta R.T. 0.005 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

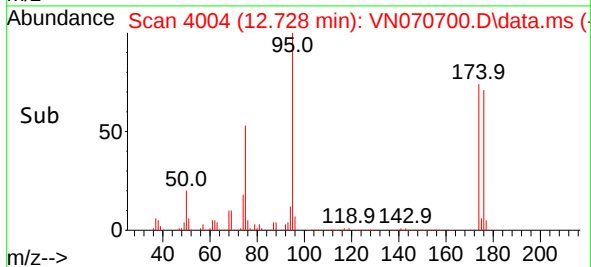
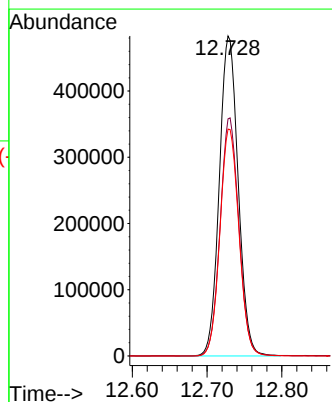
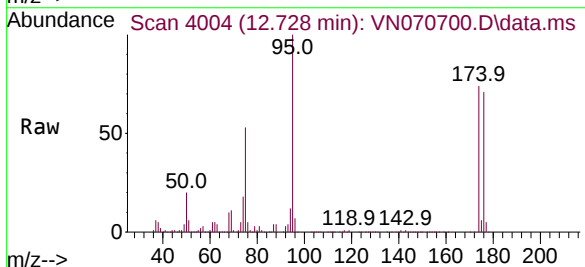
Instrument :
MSVOA_N
ClientSampleId :

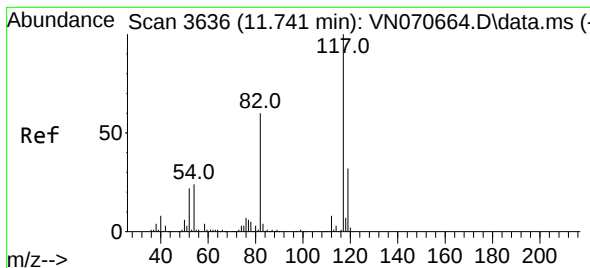
Tgt Ion: 43 Resp: 1201547
Ion Ratio Lower Upper
43 100
58 18.2 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 47.776 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.000 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

Tgt Ion: 95 Resp: 845263
Ion Ratio Lower Upper
95 100
174 74.0 0.0 187.2
176 71.4 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3636

Delta R.T. 0.003 min

Lab File: VN070700.D

Acq: 19 Jan 2022 15:21

Instrument :

MSVOA_N

ClientSampleId :

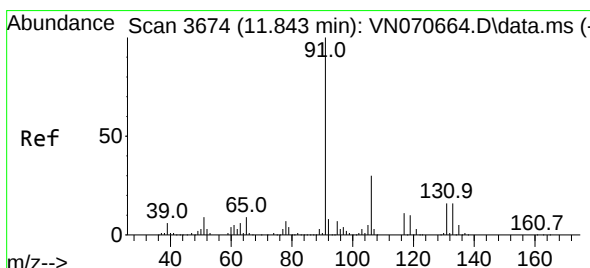
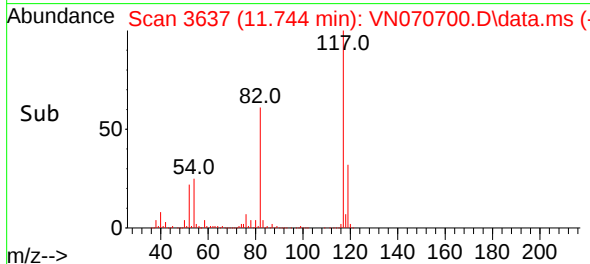
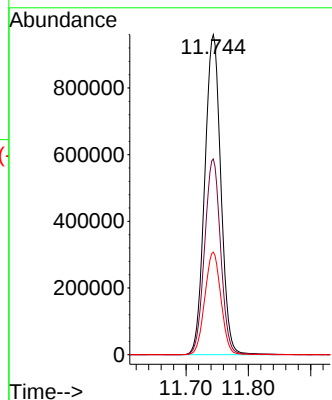
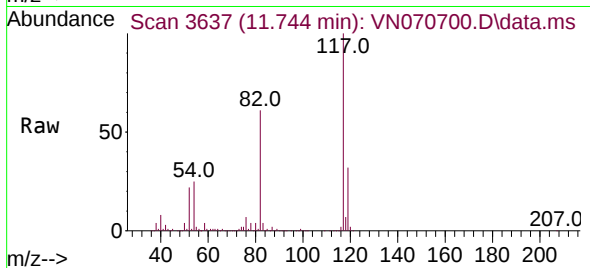
Tgt Ion:117 Resp: 1719505

Ion Ratio Lower Upper

117 100

82 61.1 42.4 63.6

119 32.1 25.4 38.2



#67

Ethyl Benzene

Concen: 73.661 ug/l

RT: 11.843 min Scan# 3674

Delta R.T. -0.000 min

Lab File: VN070700.D

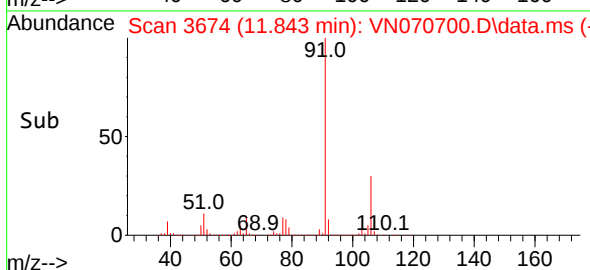
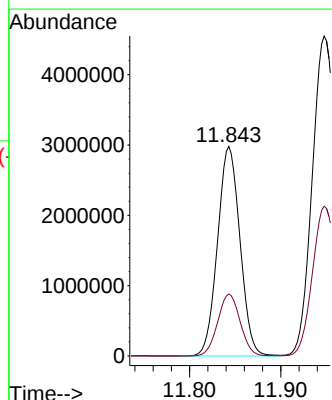
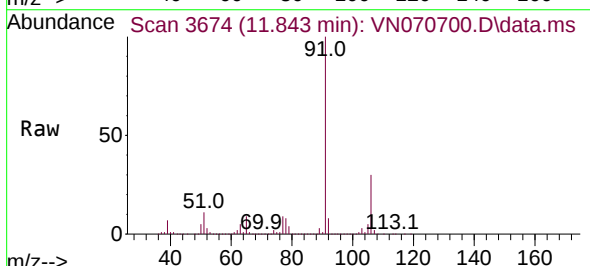
Acq: 19 Jan 2022 15:21

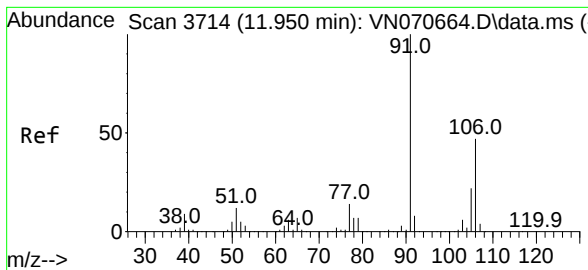
Tgt Ion: 91 Resp: 5087841

Ion Ratio Lower Upper

91 100

106 29.5 25.7 38.5

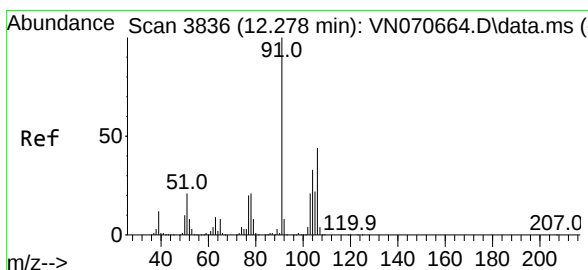
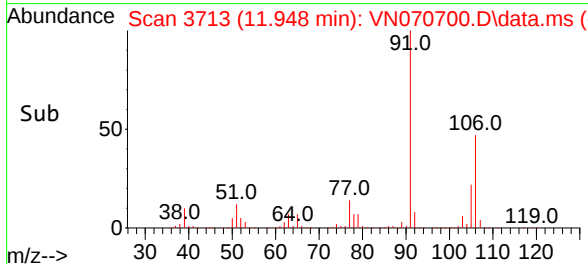
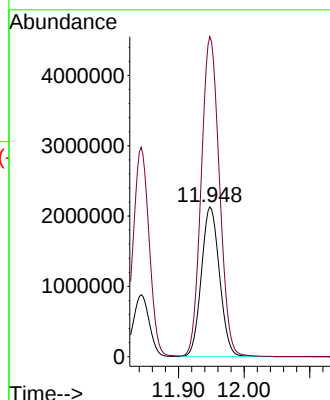
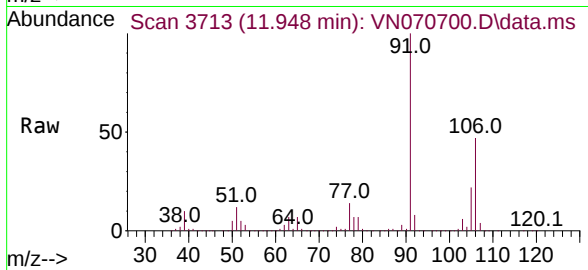




#68
m/p-Xylenes
Concen: 162.818 ug/l
RT: 11.948 min Scan# 3713
Delta R.T. -0.002 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

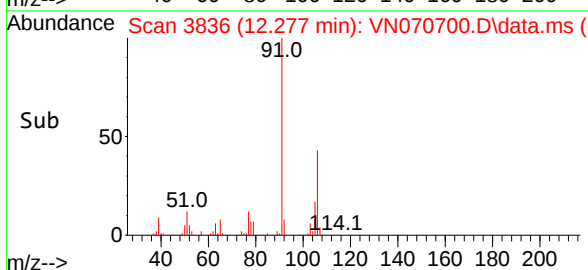
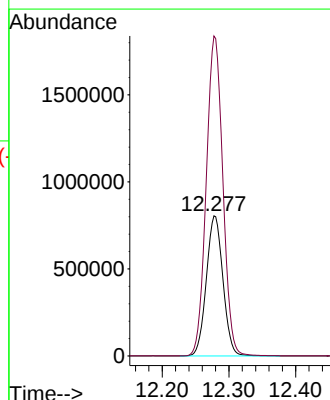
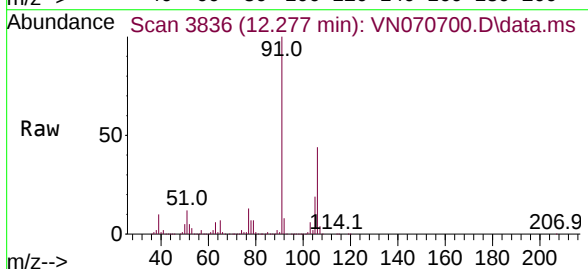
Instrument :
MSVOA_N
ClientSampleId :

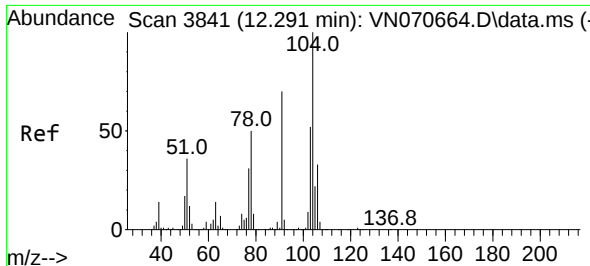
Tgt Ion:106 Resp: 4091195
Ion Ratio Lower Upper
106 100
91 214.9 160.6 240.8



#69
o-Xylene
Concen: 55.690 ug/l
RT: 12.277 min Scan# 3836
Delta R.T. -0.001 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

Tgt Ion:106 Resp: 1388692
Ion Ratio Lower Upper
106 100
91 228.6 105.8 317.3

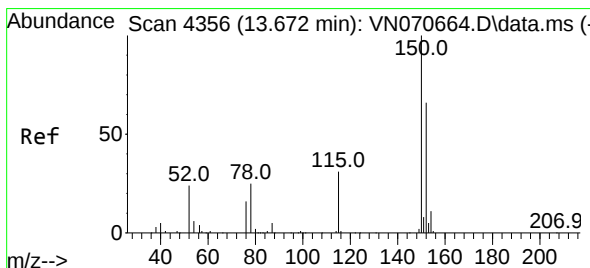
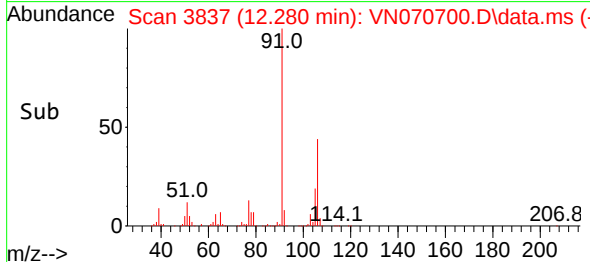
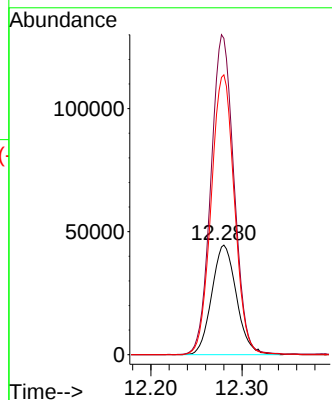
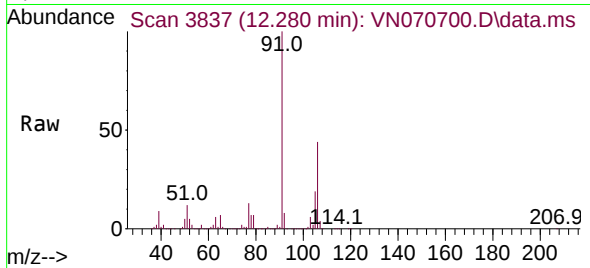




#70
Styrene
Concen: 2.101 ug/l
RT: 12.280 min Scan# 3841
Delta R.T. -0.011 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

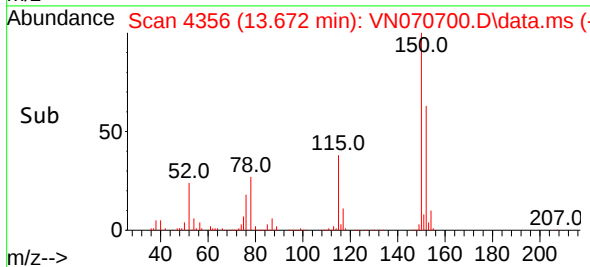
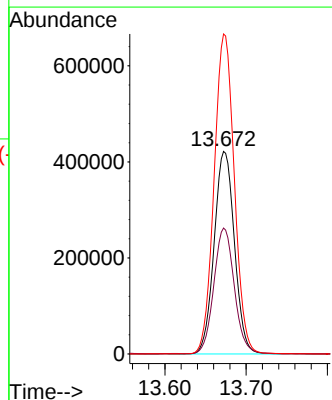
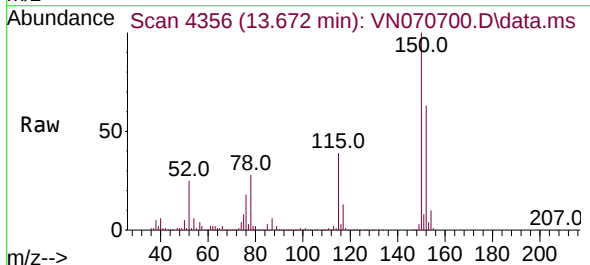
Instrument :
MSVOA_N
ClientSampleId :

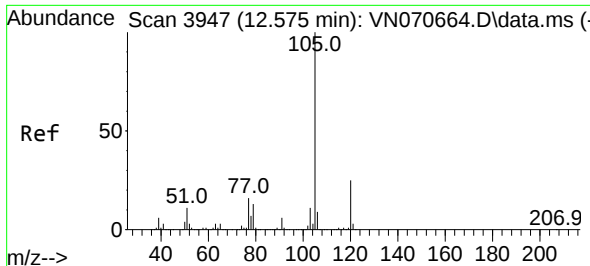
Tgt Ion:104 Resp: 83829
Ion Ratio Lower Upper
104 100
78 272.9 38.7 58.1#
103 240.8 45.0 67.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

Tgt Ion:152 Resp: 733167
Ion Ratio Lower Upper
152 100
115 62.5 27.5 82.5
150 157.1 0.0 344.4

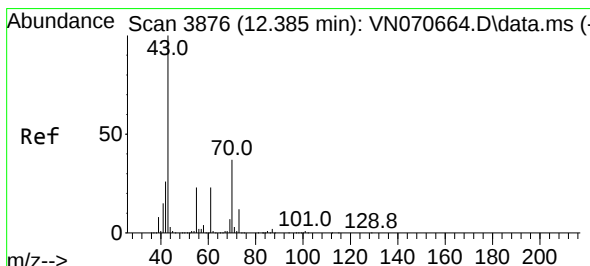
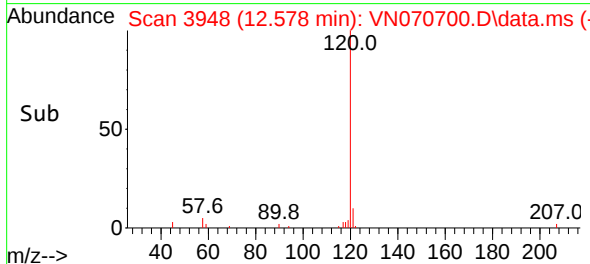
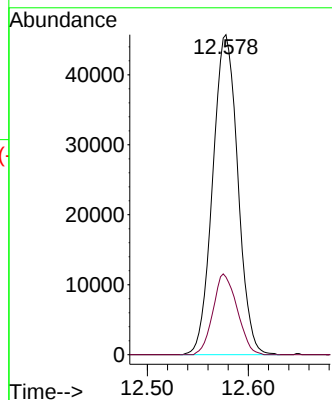
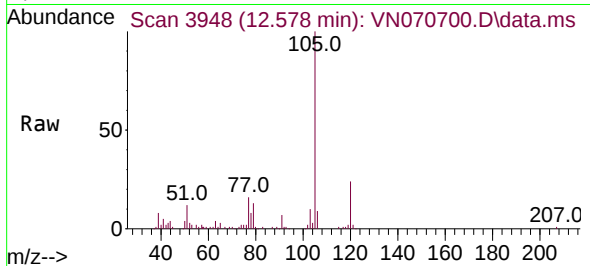




#73
Isopropylbenzene
Concen: 1.137 ug/l
RT: 12.578 min Scan# 3947
Delta R.T. 0.003 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

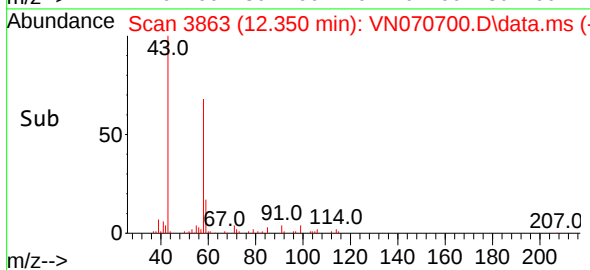
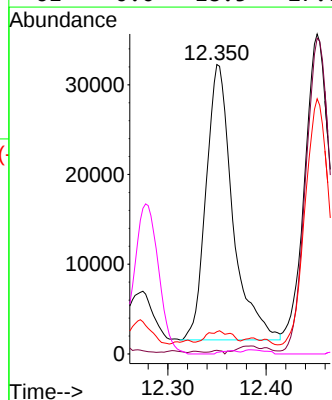
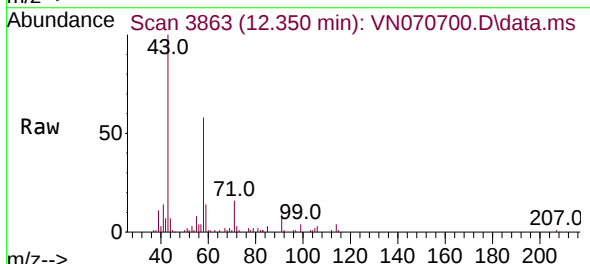
Instrument :
MSVOA_N
ClientSampleId :

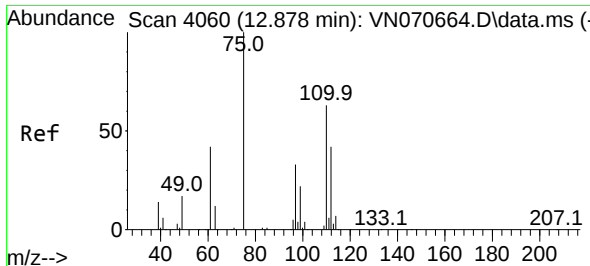
Tgt Ion:105 Resp: 78873
Ion Ratio Lower Upper
105 100
120 24.2 13.4 40.1



#74
N-ethyl acetate
Concen: 2.042 ug/l
RT: 12.350 min Scan# 3863
Delta R.T. -0.035 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

Tgt Ion: 43 Resp: 57901
Ion Ratio Lower Upper
43 100
70 0.0 33.4 50.0#
55 3.5 19.3 28.9#
61 0.0 18.5 27.7#

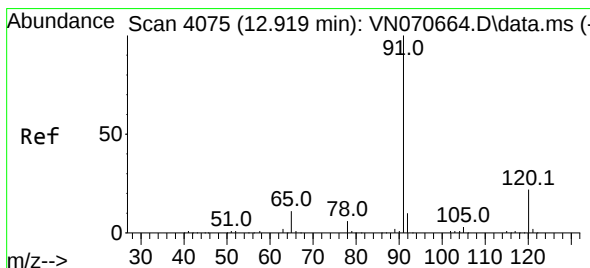
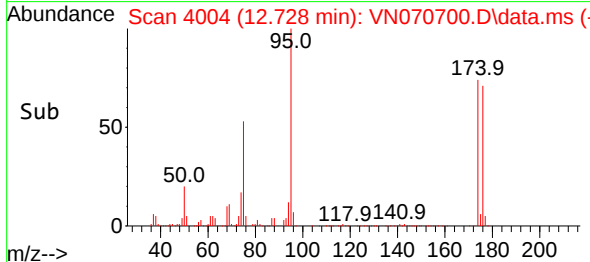
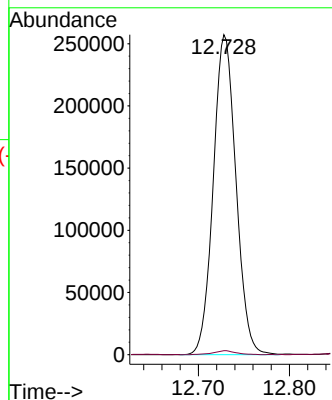
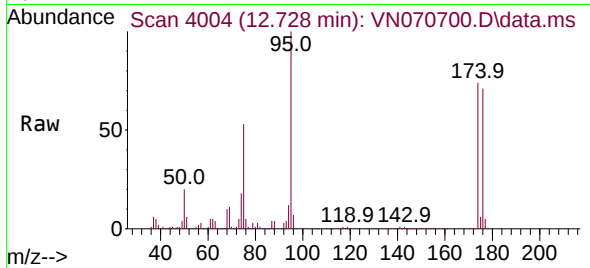




#76
1,2,3-Trichloropropane
Concen: 22.857 ug/l
RT: 12.728 min Scan# 4060
Delta R.T. -0.150 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

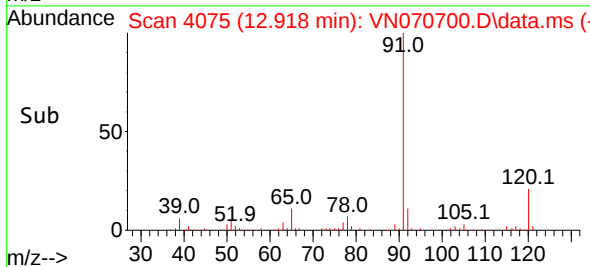
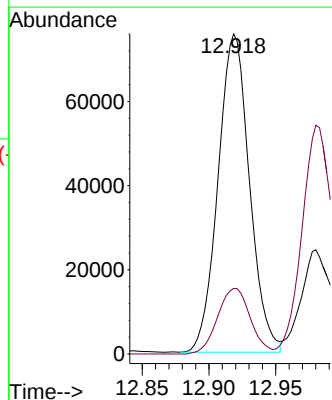
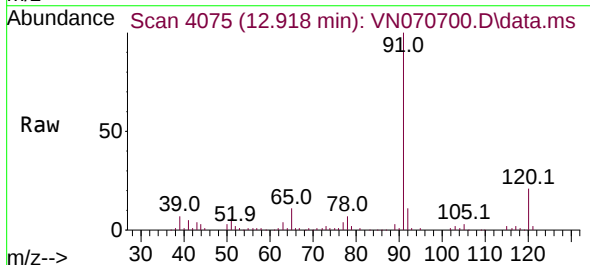
Instrument :
MSVOA_N
ClientSampleId :

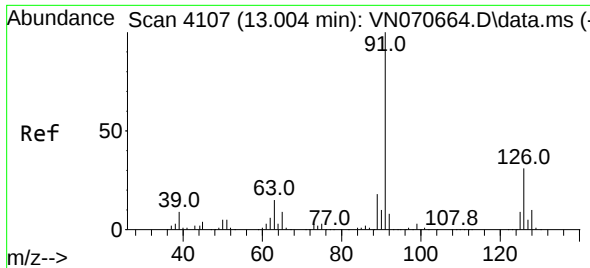
Tgt Ion: 75 Resp: 444465
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#78
n-propylbenzene
Concen: 1.596 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.001 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

Tgt Ion: 91 Resp: 123785
Ion Ratio Lower Upper
91 100
120 21.5 11.9 35.9

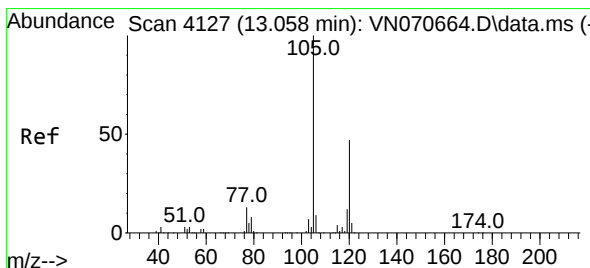
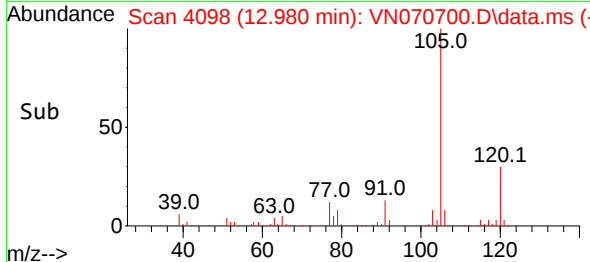
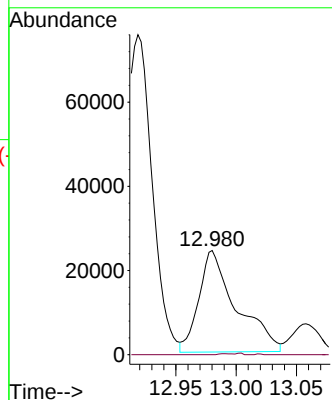
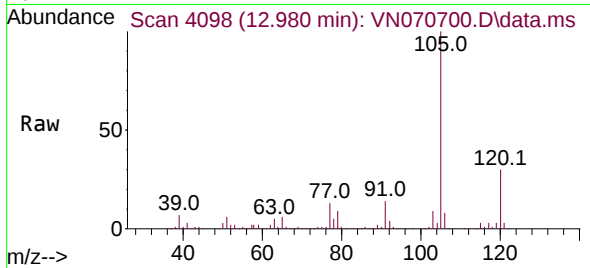




#79
2-Chlorotoluene
Concen: 1.062 ug/l
RT: 12.980 min Scan# 4098
Delta R.T. -0.024 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

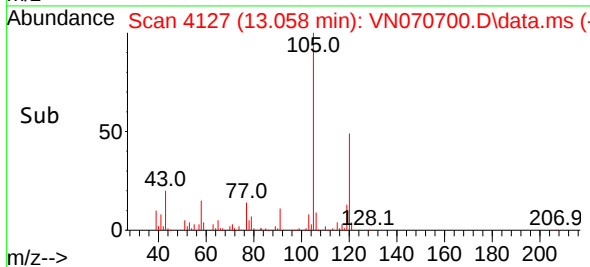
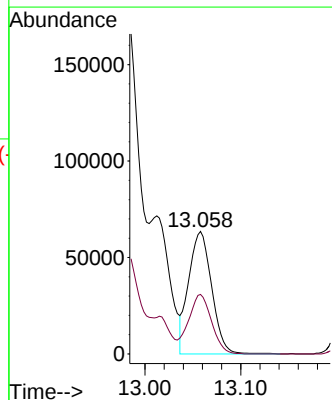
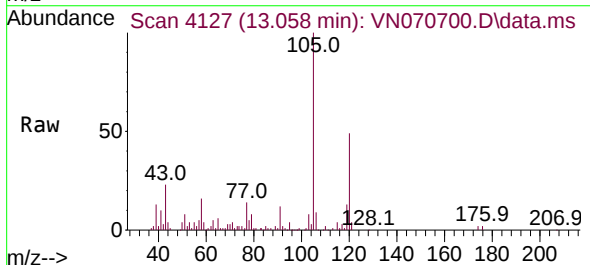
Instrument :
MSVOA_N
ClientSampleId :

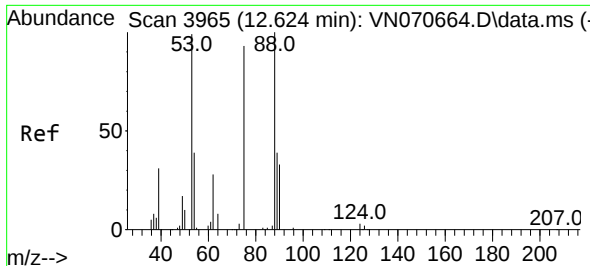
Tgt Ion: 91 Resp: 52116
Ion Ratio Lower Upper
91 100
126 0.3 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 1.892 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.000 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

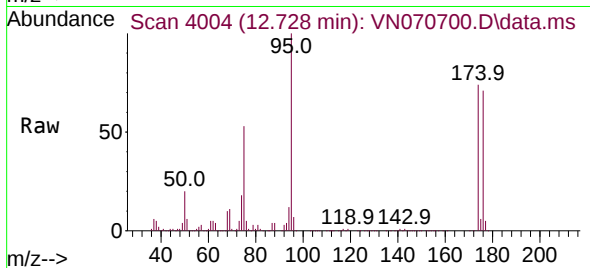
Tgt Ion: 105 Resp: 106107
Ion Ratio Lower Upper
105 100
120 48.7 24.6 73.6



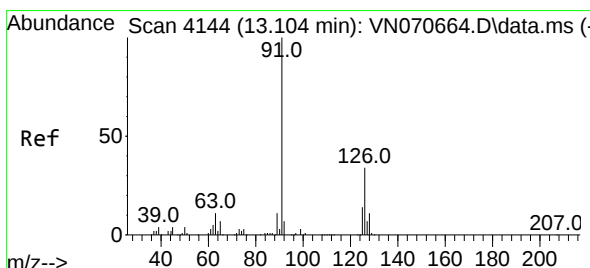
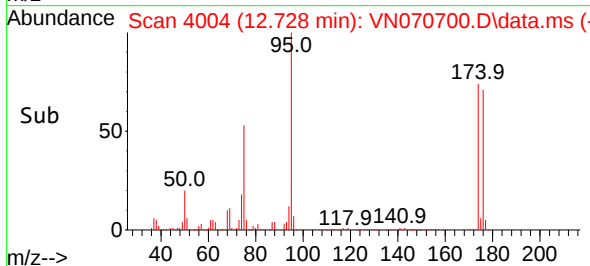
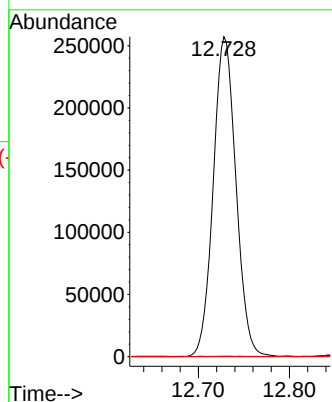


#81
trans-1,4-Dichloro-2-butene
Concen: 68.095 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.104 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

Instrument :
MSVOA_N
ClientSampleId :

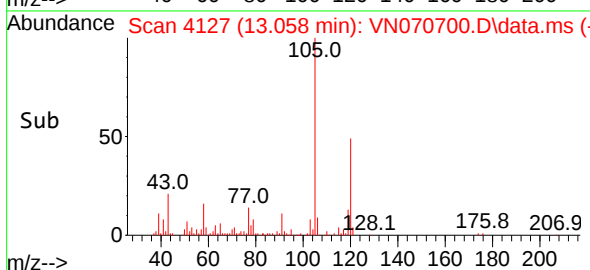
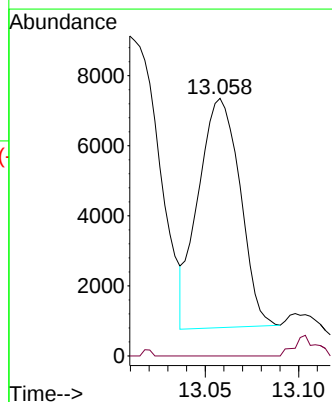
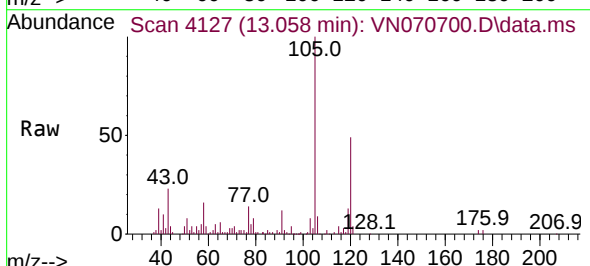


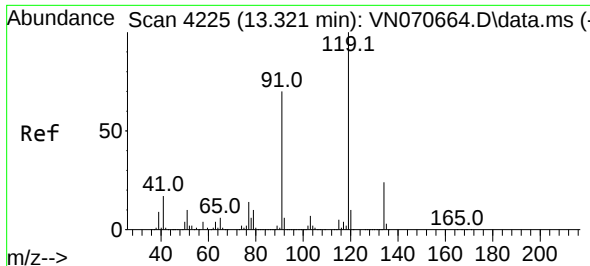
Tgt Ion: 75 Resp: 444465
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 0.222 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.046 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

Tgt Ion: 91 Resp: 10156
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#

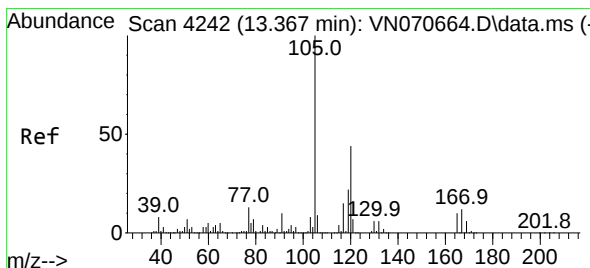
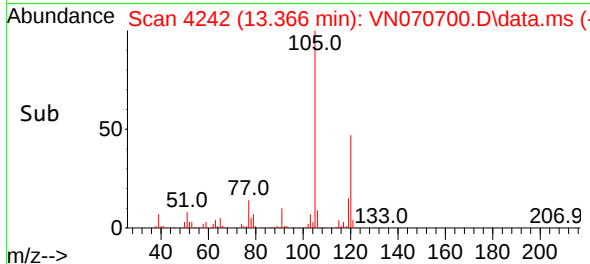
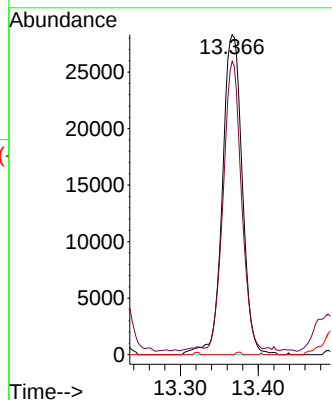
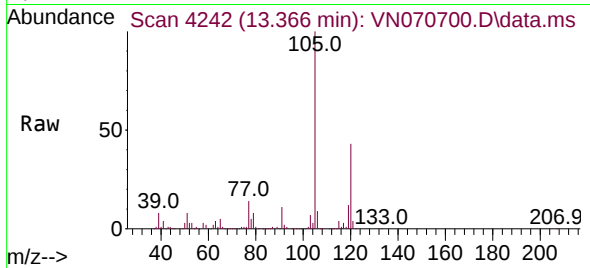




#83
tert-Butylbenzene
Concen: 1.025 ug/l
RT: 13.366 min Scan# 41
Delta R.T. 0.045 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

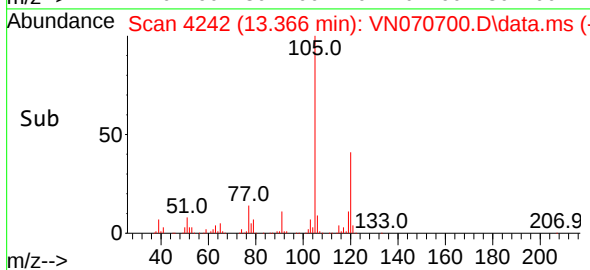
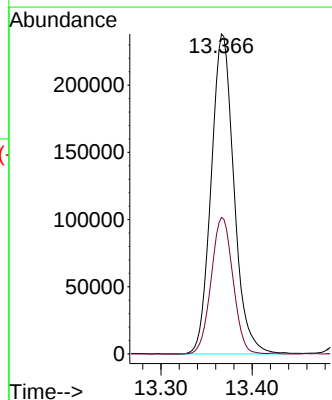
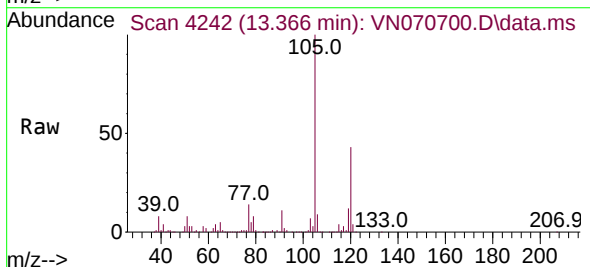
Instrument :
MSVOA_N
ClientSampleId :

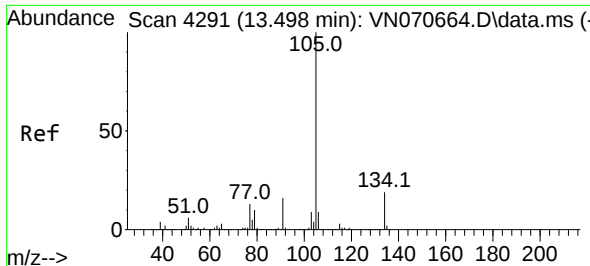
Tgt Ion:119 Resp: 50025
Ion Ratio Lower Upper
119 100
91 81.7 31.5 94.5
134 0.0 12.4 37.4#



#84
1,2,4-Trimethylbenzene
Concen: 7.664 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.001 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

Tgt Ion:105 Resp: 413238
Ion Ratio Lower Upper
105 100
120 40.8 22.8 68.4

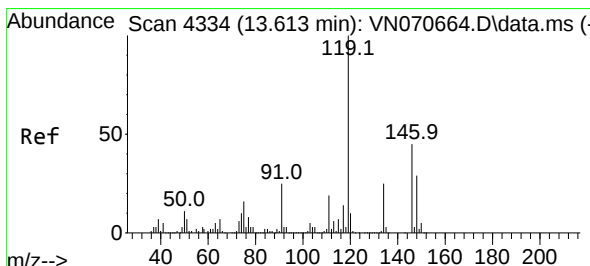
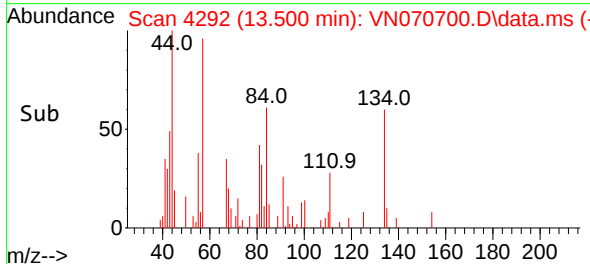
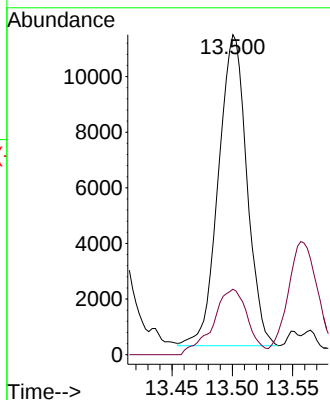
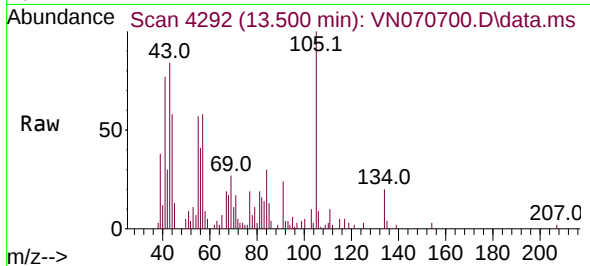




#85
 sec-Butylbenzene
 Concen: 0.276 ug/l
 RT: 13.500 min Scan# 4291
 Delta R.T. 0.002 min
 Lab File: VN070700.D
 Acq: 19 Jan 2022 15:21

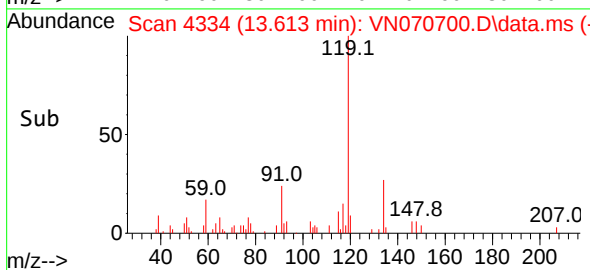
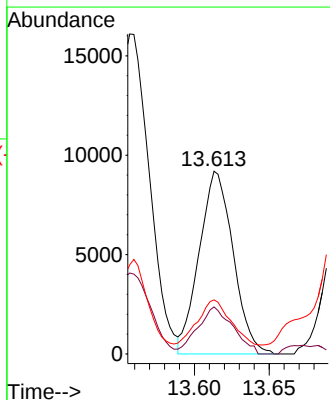
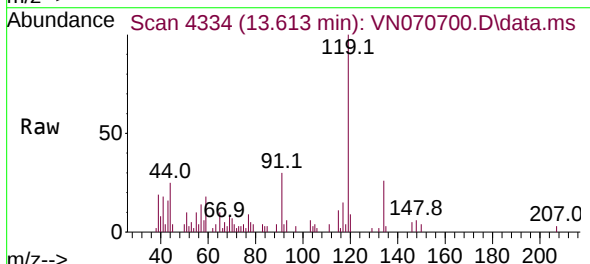
Instrument :
 MSVOA_N
 ClientSampleId :

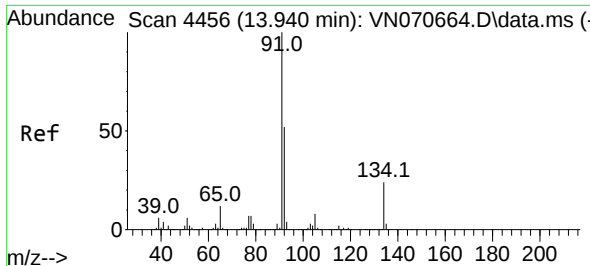
Tgt Ion:105 Resp: 18334
 Ion Ratio Lower Upper
 105 100
 134 25.8 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 0.279 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070700.D
 Acq: 19 Jan 2022 15:21

Tgt Ion:119 Resp: 14530
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.7
 91 23.5 11.4 34.1

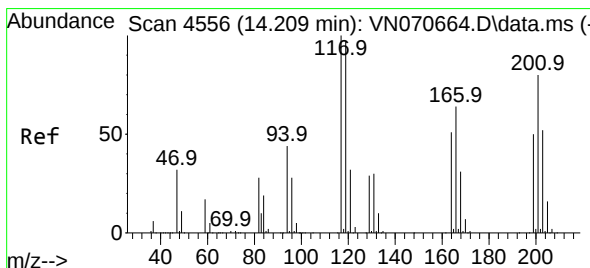
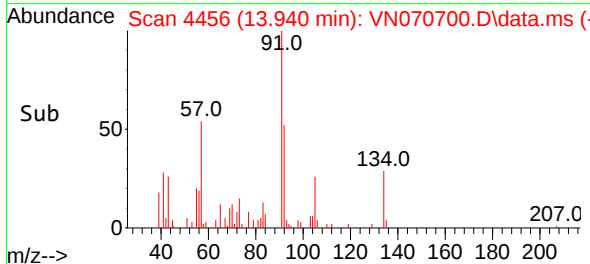
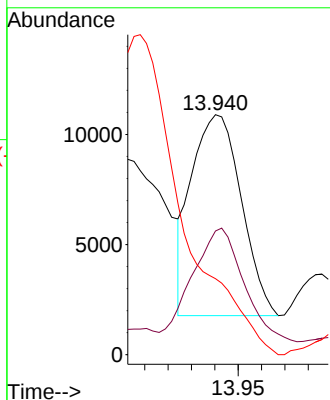
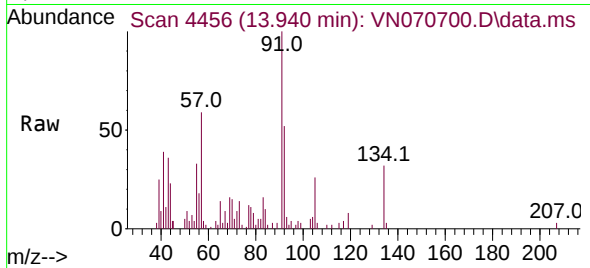




#89
n-Butylbenzene
Concen: 0.314 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. 0.000 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

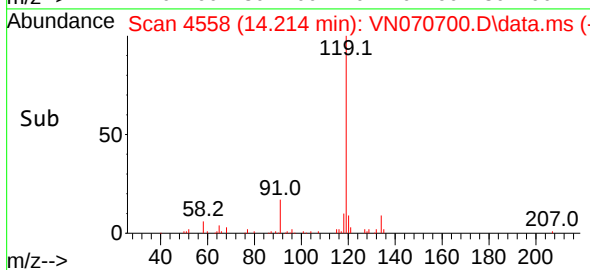
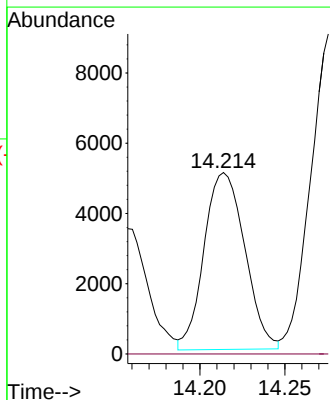
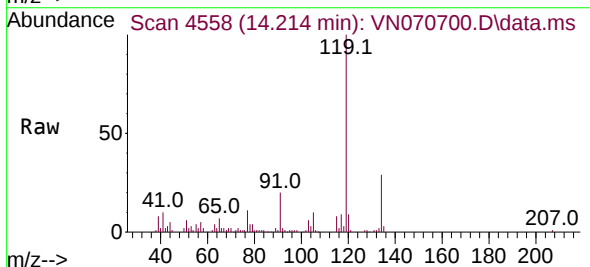
Instrument :
MSVOA_N
ClientSampleId :

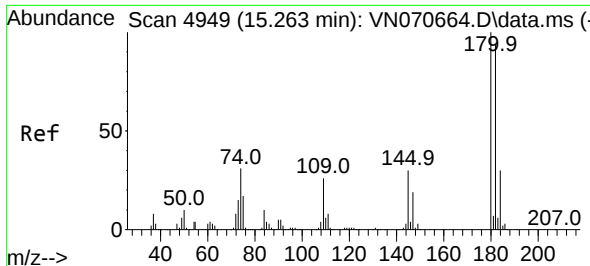
Tgt Ion: 91 Resp: 13527
Ion Ratio Lower Upper
91 100
92 60.5 25.4 76.0
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 0.922 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.005 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

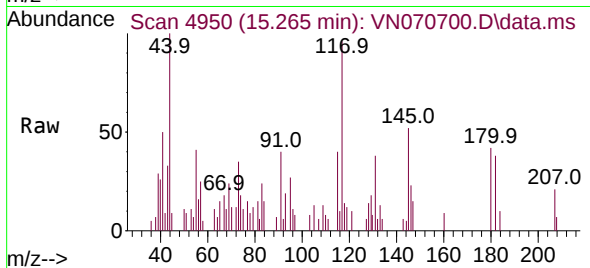
Tgt Ion: 117 Resp: 8402
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



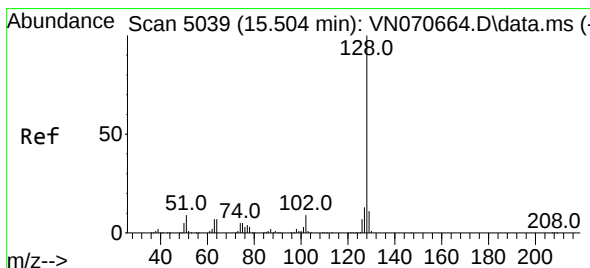
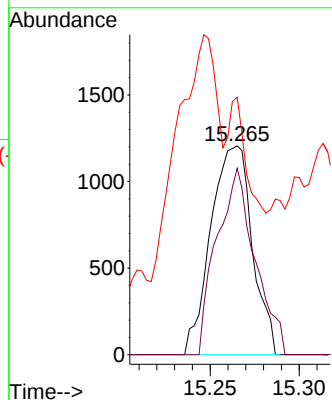
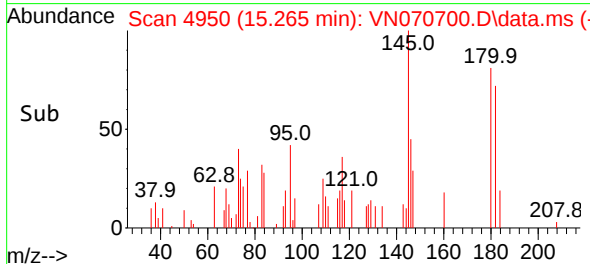


#93
1,2,4-Trichlorobenzene
Concen: 3.560 ug/l
RT: 15.265 min Scan# 4949
Delta R.T. 0.002 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21

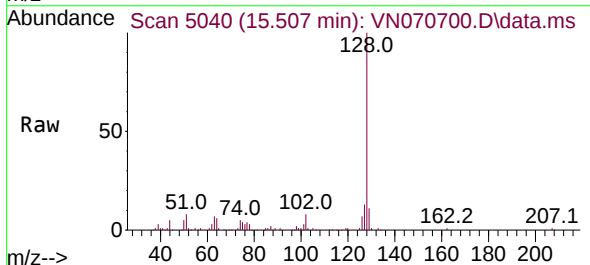
Instrument :
MSVOA_N
ClientSampleId :



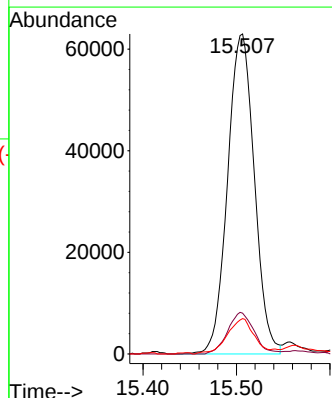
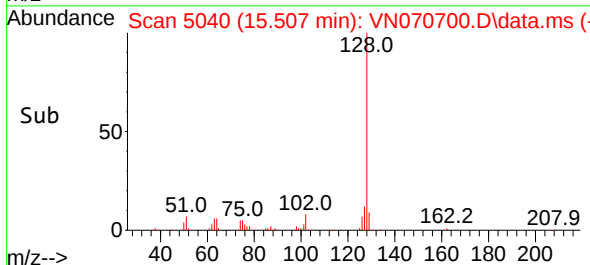
Tgt Ion:180 Resp: 1954
Ion Ratio Lower Upper
180 100
182 82.1 48.3 144.9
145 114.6 14.5 43.5#

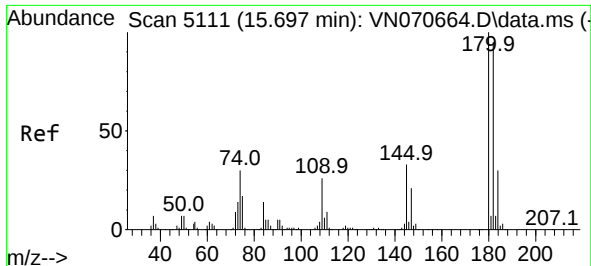


#95
Naphthalene
Concen: 7.920 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.003 min
Lab File: VN070700.D
Acq: 19 Jan 2022 15:21



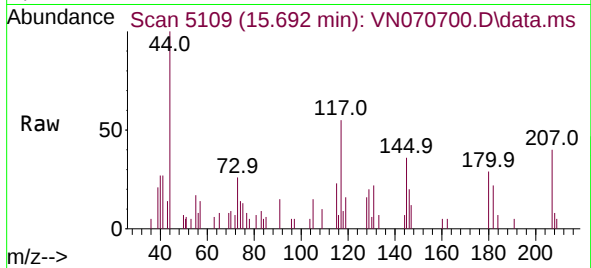
Tgt Ion:128 Resp: 125362
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.0 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 3.285 ug/l
 RT: 15.692 min Scan# 51
 Delta R.T. -0.005 min
 Lab File: VN070700.D
 Acq: 19 Jan 2022 15:21

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180	Resp:	953
Ion	Ratio	Lower Upper
180	100	
182	95.6	47.4 142.2
145	16.4	15.0 45.1

