

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011422\
 Data File : VN070630.D
 Acq On : 14 Jan 2022 18:12
 Operator : JC/MD
 Sample : N1148-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 17 05:40:46 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	8.086	168	864745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1463237	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1358757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	588143	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	666020	53.567	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.140%	
35) Dibromofluoromethane	8.024	113	482777	54.531	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 109.060%	
50) Toluene-d8	10.440	98	2041024	56.434	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 112.860%	
62) 4-Bromofluorobenzene	12.731	95	850569	65.115	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 130.220%	

Target Compounds				Qvalue		
3) Chloromethane	2.303	50	2711	0.203	ug/l	95
11) Tert butyl alcohol	5.393	59	80758	39.009	ug/l #	71
13) Acrolein	3.982	56	4358	2.594	ug/l #	1
14) Allyl chloride	5.074	41	347280	17.392	ug/l #	52
15) Acrylonitrile	5.613	53	74816	11.581	ug/l #	38
16) Acetone	4.253	43	296675	36.757	ug/l #	56
18) Methyl Acetate	5.077	43	918960	39.360	ug/l #	51
19) Methyl tert-butyl Ether	5.618	73	1173487	35.879	ug/l #	1
20) Methylene Chloride	5.082	84	14311	1.282	ug/l #	36
22) Diisopropyl ether	6.506	45	52524	1.351	ug/l #	80
23) Vinyl Acetate	6.493	43	33630	1.114	ug/l #	72
25) 2-Butanone	7.345	43	113411	11.160	ug/l #	84
26) 2,2-Dichloropropane	7.144	77	17297	1.087	ug/l #	52
29) Tetrahydrofuran	7.702	42	4594	0.758	ug/l #	45
30) Chloroform	7.780	83	87329	4.489	ug/l #	19
31) Cyclohexane	8.094	56	1136125	57.906	ug/l	86
36) 1,1-Dichloropropene	8.083	75	70149	4.790	ug/l #	64
37) Ethyl Acetate	7.345	43	113411	5.974	ug/l #	69
38) Carbon Tetrachloride	8.086	117	85333	6.102	ug/l #	16
39) Methylcyclohexane	9.459	83	1219520	68.779	ug/l #	86
40) Benzene	8.461	78	1261414	28.093	ug/l	98
41) Methacrylonitrile	7.675	41	23192	2.442	ug/l #	35
42) 1,2-Dichloroethane	8.531	62	29431	1.744	ug/l #	76
43) Isopropyl Acetate	8.555	43	313155	10.463	ug/l #	55
45) 1,2-Dichloropropane	9.459	63	16115	1.333	ug/l #	1
47) Bromodichloromethane	9.746	83	63545	4.257	ug/l #	25
48) Methyl methacrylate	9.639	41	205670	14.406	ug/l #	64
51) 4-Methyl-2-Pentanone	10.438	43	52182	2.775	ug/l	97
52) Toluene	10.505	92	86819	3.194	ug/l	97
55) 1,1,2-Trichloroethane	10.878	97	276521	25.715	ug/l #	20
56) Ethyl methacrylate	10.784	69	60705	3.417	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.033	63	1349	18.788	ug/l #	45
59) 2-Hexanone	11.057	43	22971	1.675	ug/l #	25
67) Ethyl Benzene	11.846	91	9176070	173.714	ug/l	97
68) m/p-Xylenes	11.958	106	2800035	145.624	ug/l	94
69) o-Xylene	12.280	106	427335	22.344	ug/l	92

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

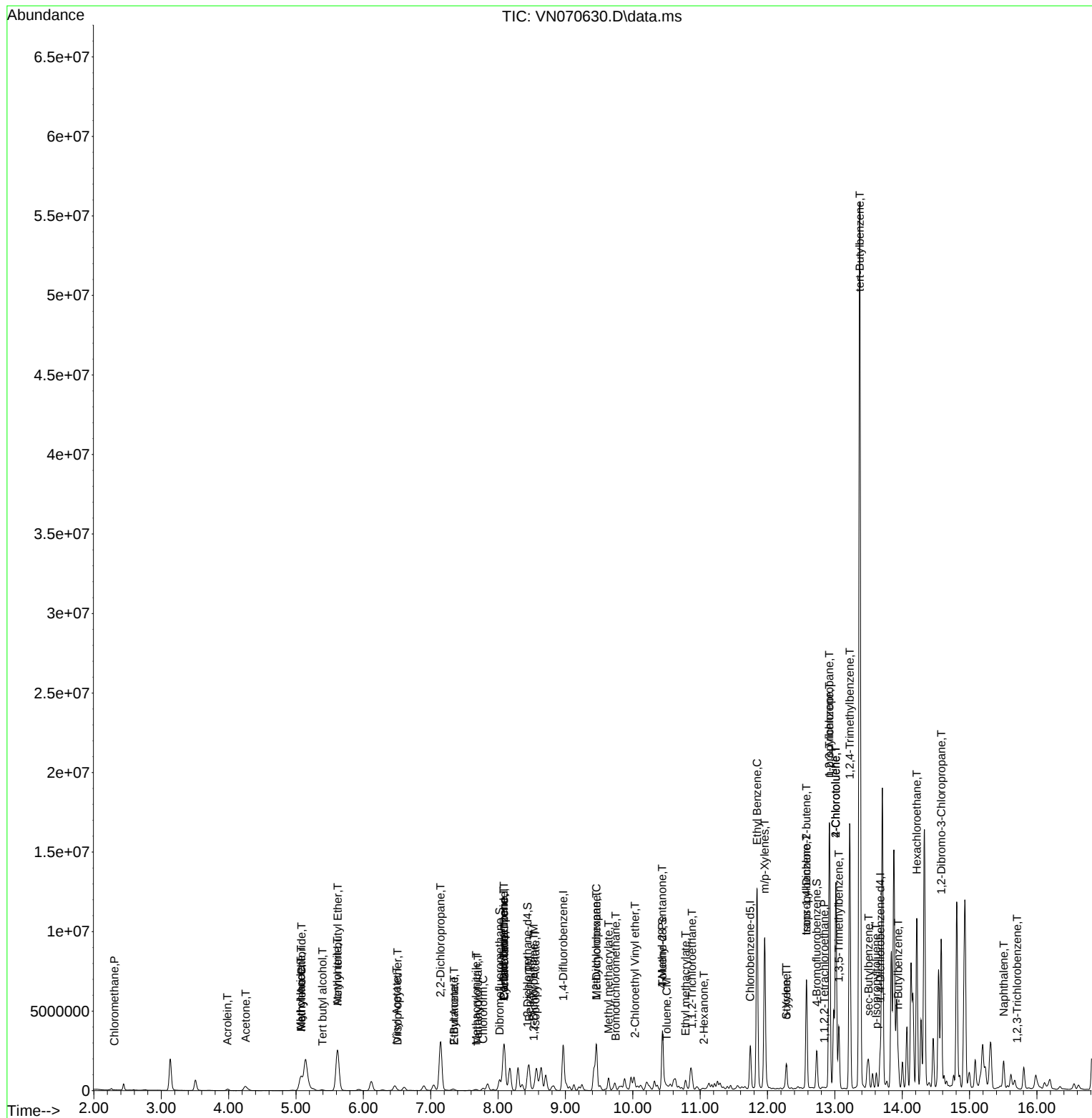
70) Styrene	12.280	104	22565	0.745	ug/l #		1
73) Isopropylbenzene	12.578	105	4570661	83.685	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.843	83	9403	0.917	ug/l #		26
76) 1,2,3-Trichloropropane	12.919	75	85513	7.376	ug/l #		1
78) n-propylbenzene	12.919	91	13599600	224.730	ug/l		97
79) 2-Chlorotoluene	13.015	91	792979	20.423	ug/l #		38
80) 1,3,5-Trimethylbenzene	13.058	105	2109084	48.188	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.578	75	56538	11.745	ug/l #		76
82) 4-Chlorotoluene	13.015	91	792979	21.802	ug/l #		38
83) tert-Butylbenzene	13.369	119	4285717	111.204	ug/l #		60
84) 1,2,4-Trimethylbenzene	13.219	105	10837377	257.142	ug/l		76
85) sec-Butylbenzene	13.501	105	1076344	20.571	ug/l #		67
86) p-Isopropyltoluene	13.616	119	520159	12.655	ug/l		96
89) n-Butylbenzene	13.940	91	1286353	37.521	ug/l #		72
90) Hexachloroethane	14.217	117	511181	71.590	ug/l #		6
92) 1,2-Dibromo-3-Chloropr...	14.579	75	37228	11.766	ug/l #		1
95) Naphthalene	15.507	128	1576326	58.507	ug/l		99
96) 1,2,3-Trichlorobenzene	15.705	180	227	0.850	ug/l #		1

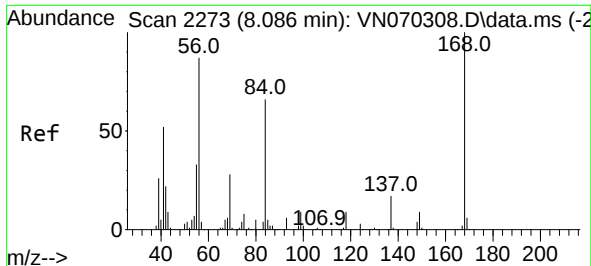
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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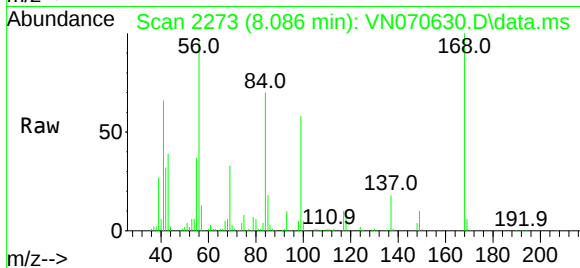
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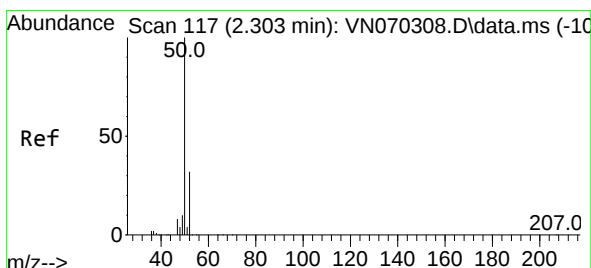
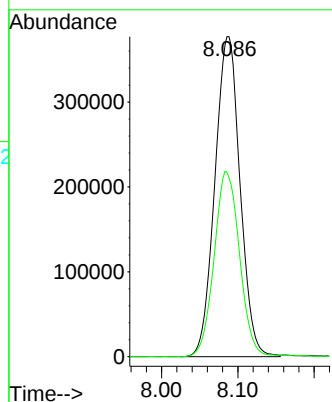
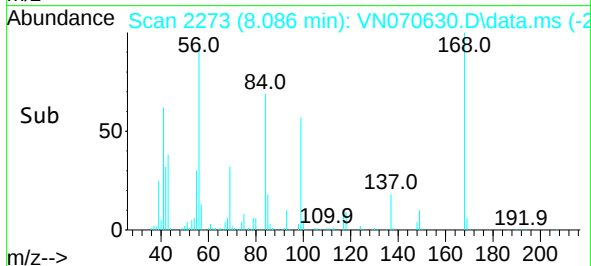


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070630.D
Acq: 14 Jan 2022 18:12

Instrument :
MSVOA_N
ClientSampleId :

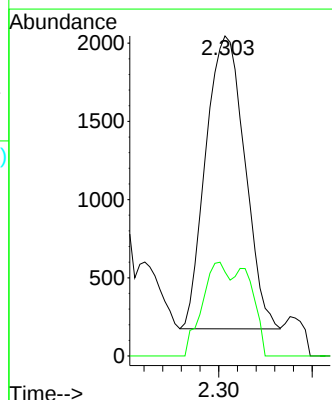
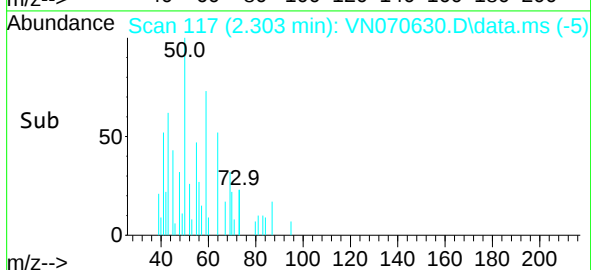
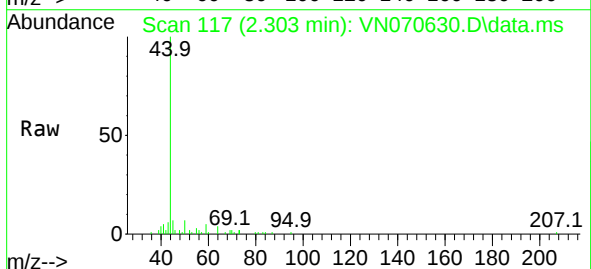


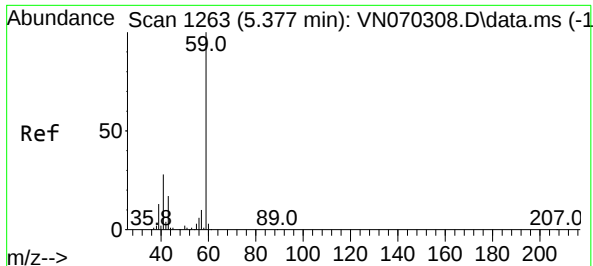
Tgt Ion:168 Resp: 864745
Ion Ratio Lower Upper
168 100
99 57.6 41.3 61.9



#3
Chloromethane
Concen: 0.203 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070630.D
Acq: 14 Jan 2022 18:12

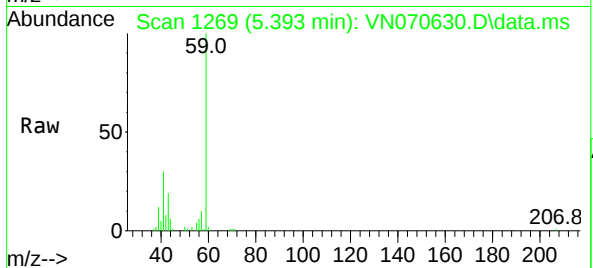
Tgt Ion: 50 Resp: 2711
Ion Ratio Lower Upper
50 100
52 28.7 25.4 38.0



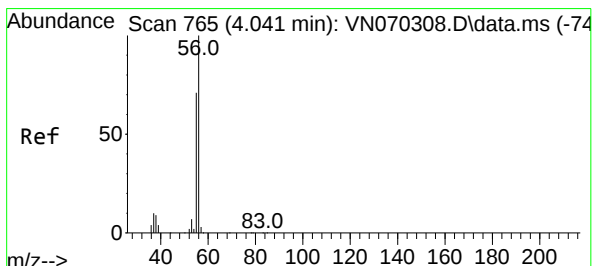
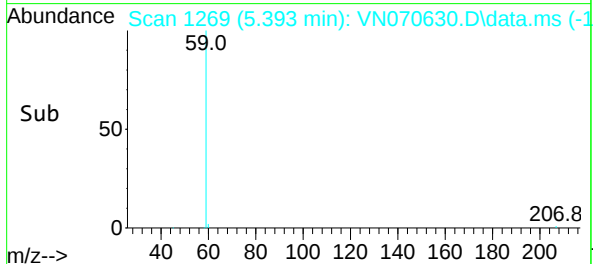
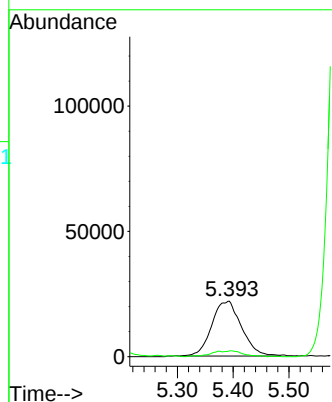


#11
Tert butyl alcohol
Concen: 39.009 ug/l
RT: 5.393 min Scan# 11
Delta R.T. 0.016 min
Lab File: VN070630.D
Acq: 14 Jan 2022 18:12

Instrument :
MSVOA_N
ClientSampleId :

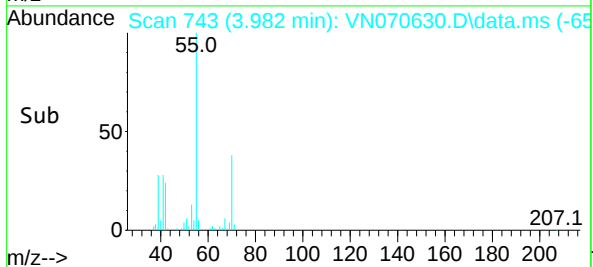
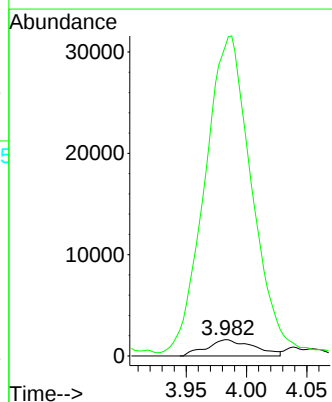
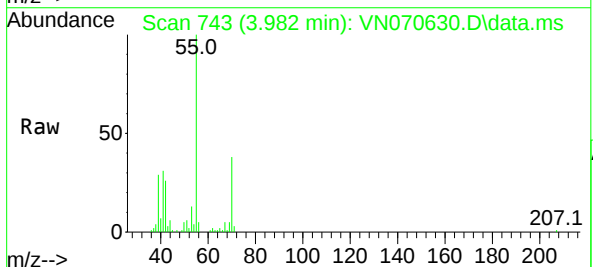


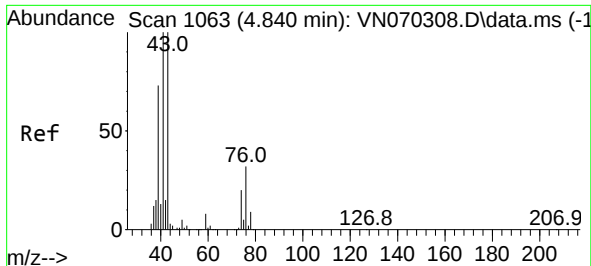
Tgt Ion: 59 Resp: 80758
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 2.594 ug/l
RT: 3.982 min Scan# 743
Delta R.T. -0.059 min
Lab File: VN070630.D
Acq: 14 Jan 2022 18:12

Tgt Ion: 56 Resp: 4358
Ion Ratio Lower Upper
56 100
55 1931.5 56.6 85.0#





#14

Allyl chloride

Concen: 17.392 ug/l

RT: 5.074 min Scan# 1150

Delta R.T. 0.234 min

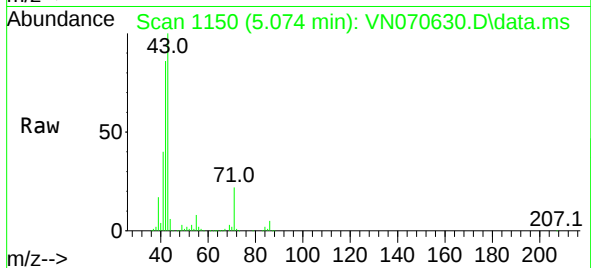
Lab File: VN070630.D

Acq: 14 Jan 2022 18:12

Instrument :

MSVOA_N

ClientSampleId :



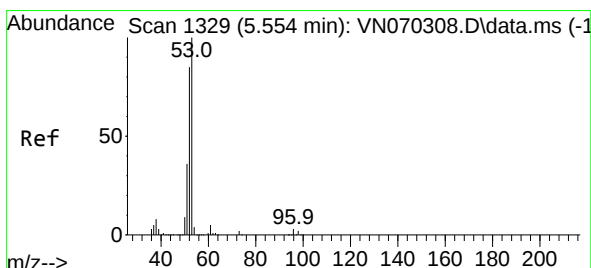
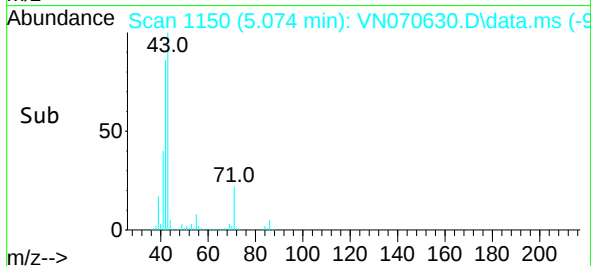
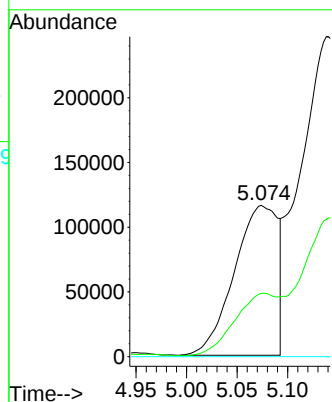
Tgt Ion: 41 Resp: 347280

Ion Ratio Lower Upper

41 100

39 39.1 61.2 91.8#

76 0.0 26.0 39.0#



#15

Acrylonitrile

Concen: 11.581 ug/l

RT: 5.613 min Scan# 1351

Delta R.T. 0.059 min

Lab File: VN070630.D

Acq: 14 Jan 2022 18:12

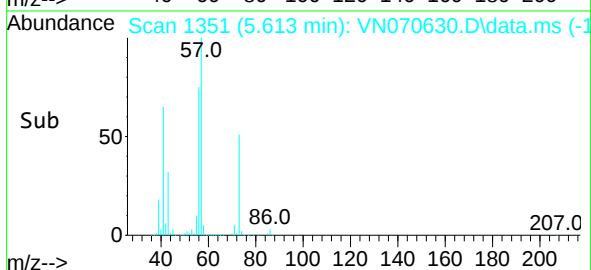
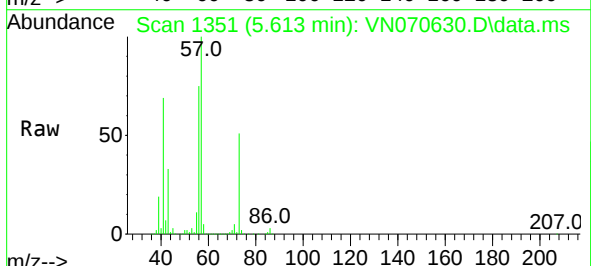
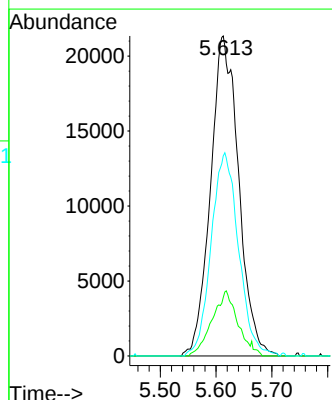
Tgt Ion: 53 Resp: 74816

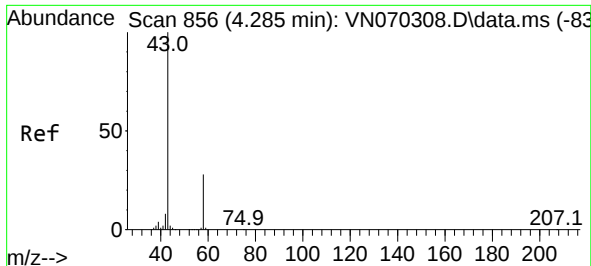
Ion Ratio Lower Upper

53 100

52 18.7 66.2 99.2#

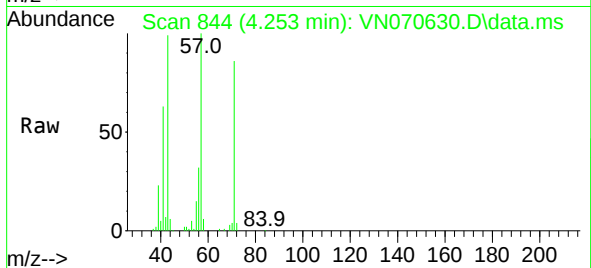
51 61.9 29.6 44.4#



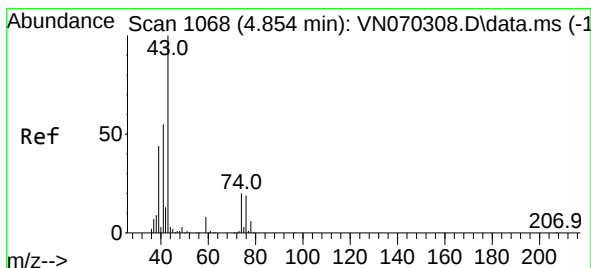
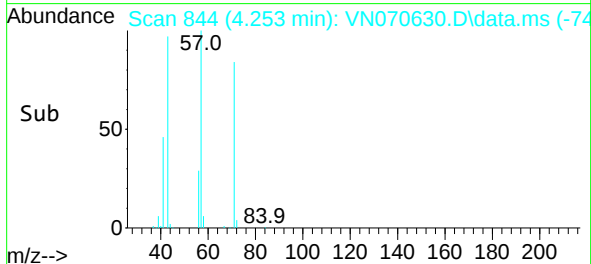
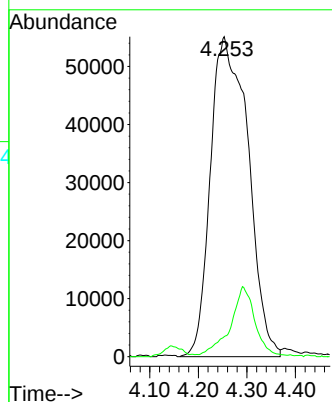


#16
Acetone
Concen: 36.757 ug/l
RT: 4.253 min Scan# 84
Delta R.T. -0.032 min
Lab File: VN070630.D
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Instrument :
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ClientSampleId :

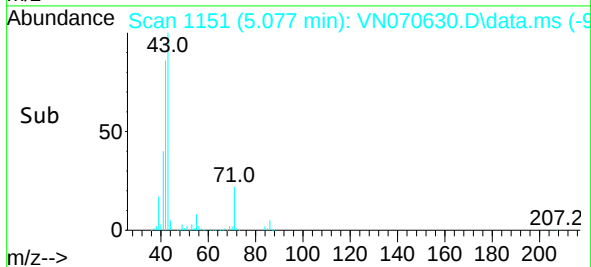
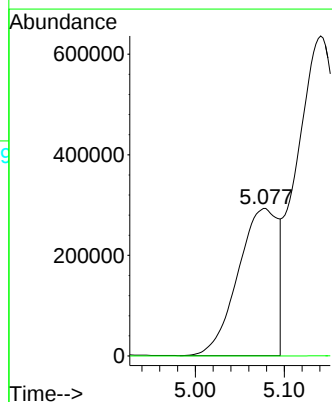
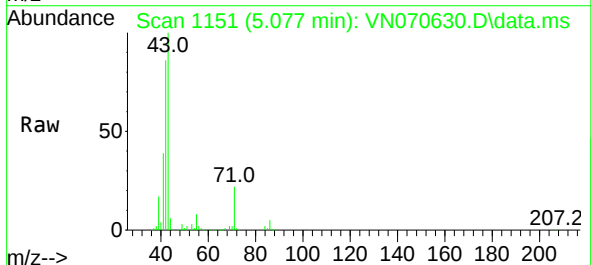


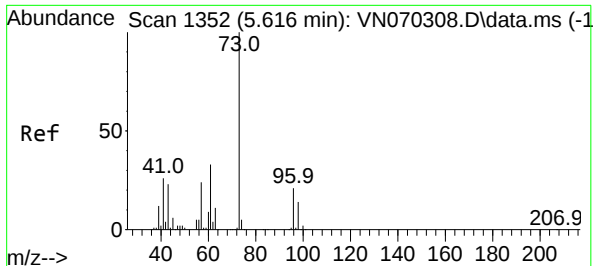
Tgt Ion: 43 Resp: 296675
Ion Ratio Lower Upper
43 100
58 5.6 23.1 34.7#



#18
Methyl Acetate
Concen: 39.360 ug/l
RT: 5.077 min Scan# 1151
Delta R.T. 0.223 min
Lab File: VN070630.D
Acq: 14 Jan 2022 18:12

Tgt Ion: 43 Resp: 918960
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#





#19

Methyl tert-butyl Ether

Concen: 35.879 ug/l

RT: 5.618 min Scan# 1153

Delta R.T. 0.002 min

Lab File: VN070630.D

Acq: 14 Jan 2022 18:12

Instrument :

MSVOA_N

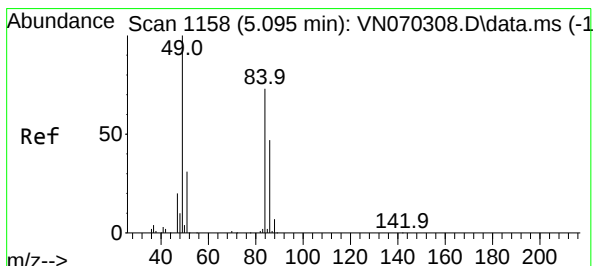
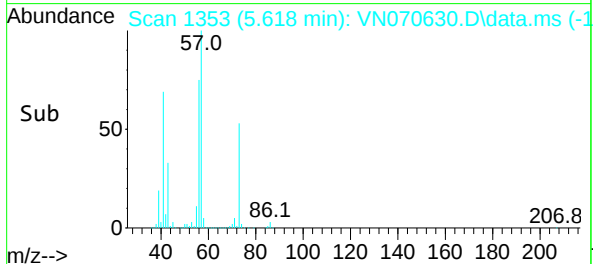
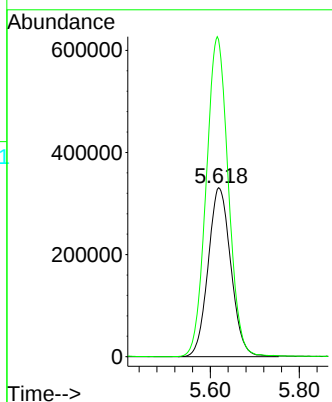
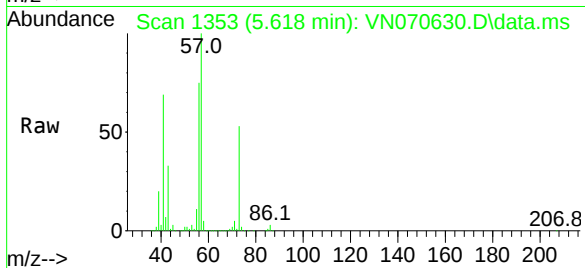
ClientSampleId :

Tgt Ion: 73 Resp: 1173487

Ion Ratio Lower Upper

73 100

57 187.6 16.8 25.2#



#20

Methylene Chloride

Concen: 1.282 ug/l

RT: 5.082 min Scan# 1153

Delta R.T. -0.013 min

Lab File: VN070630.D

Acq: 14 Jan 2022 18:12

Tgt Ion: 84 Resp: 14311

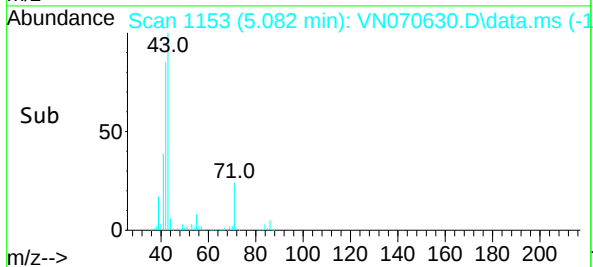
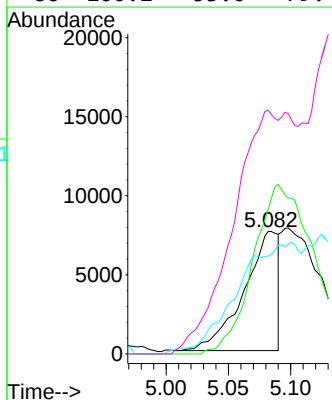
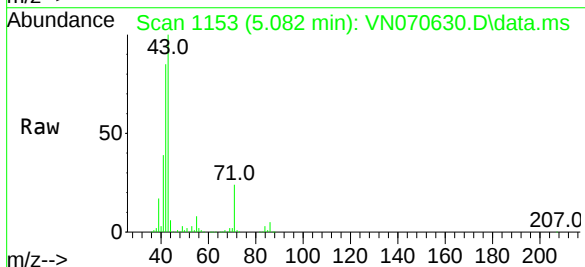
Ion Ratio Lower Upper

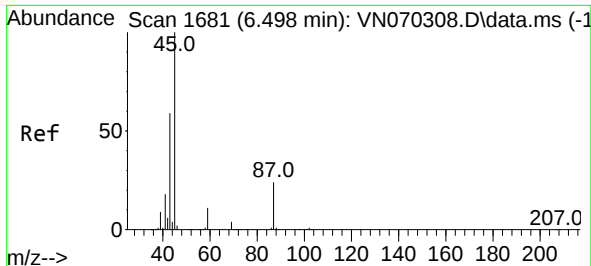
84 100

49 120.8 93.5 140.3

51 77.7 29.4 44.2#

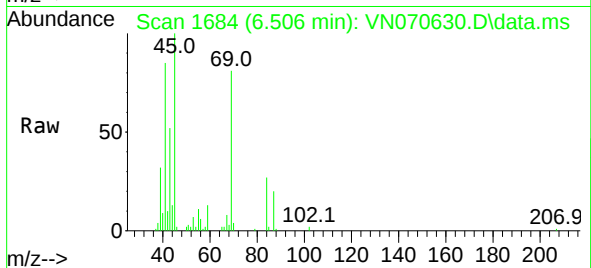
86 200.2 53.0 79.4#



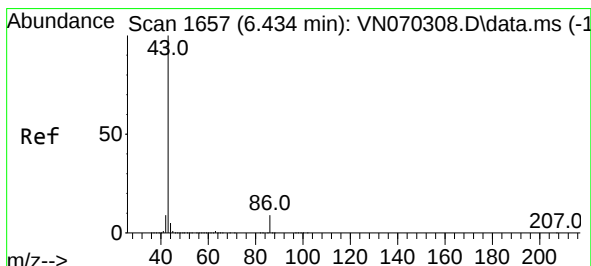
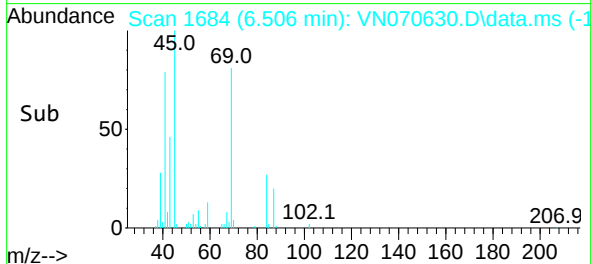
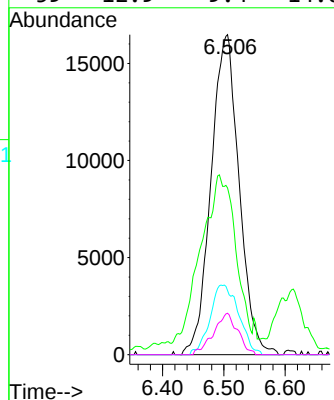


#22
Diisopropyl ether
Concen: 1.351 ug/l
RT: 6.506 min Scan# 1684
Delta R.T. 0.008 min
Lab File: VN070630.D
Acq: 14 Jan 2022 18:12

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ClientSampleId :

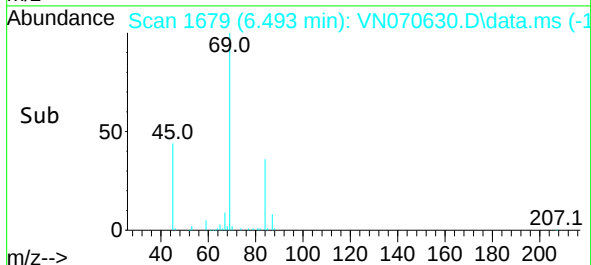
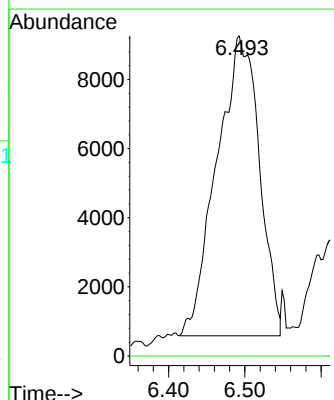
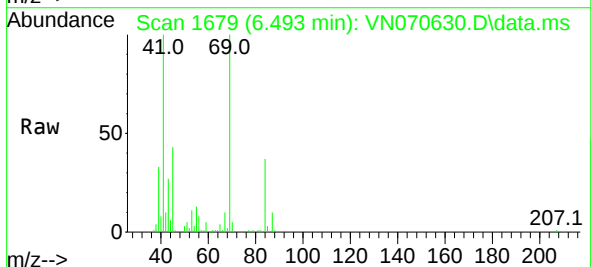


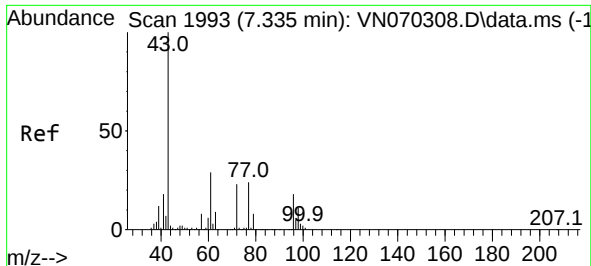
Tgt Ion: 45	Resp: 52524
Ion Ratio	Lower Upper
45 100	
43 45.7	51.7 77.5#
87 20.0	23.2 34.8#
59 12.9	9.4 14.0



#23
Vinyl Acetate
Concen: 1.114 ug/l
RT: 6.493 min Scan# 1679
Delta R.T. 0.059 min
Lab File: VN070630.D
Acq: 14 Jan 2022 18:12

Tgt Ion: 43	Resp: 33630
Ion Ratio	Lower Upper
43 100	
86 0.0	8.5 12.7#





#25

2-Butanone

Concen: 11.160 ug/l

RT: 7.345 min Scan# 1993

Delta R.T. 0.010 min

Lab File: VN070630.D

Acq: 14 Jan 2022 18:12

Instrument :

MSVOA_N

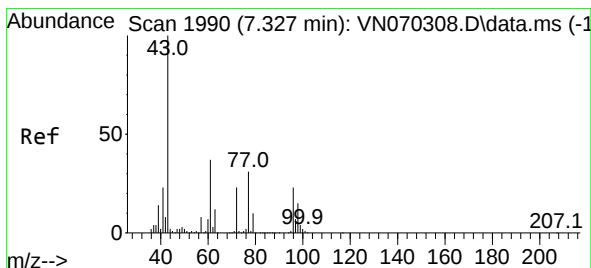
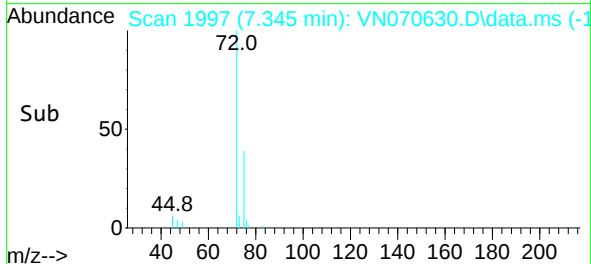
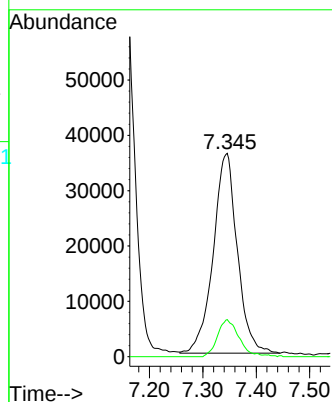
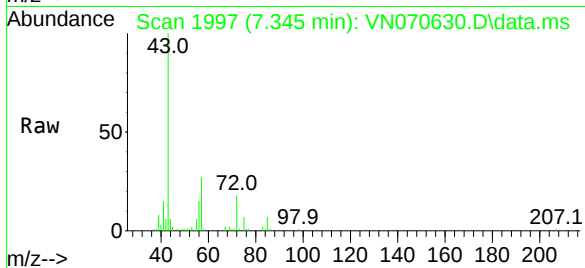
ClientSampleId :

Tgt Ion: 43 Resp: 113411

Ion Ratio Lower Upper

43 100

72 18.6 21.7 32.5#



#26

2,2-Dichloropropane

Concen: 1.087 ug/l

RT: 7.144 min Scan# 1922

Delta R.T. -0.183 min

Lab File: VN070630.D

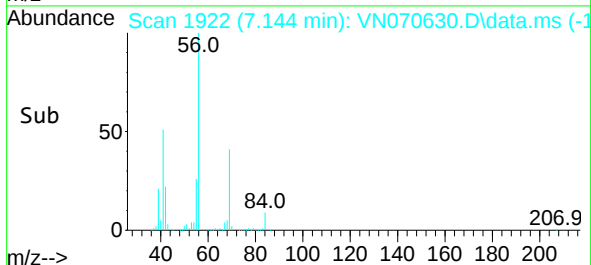
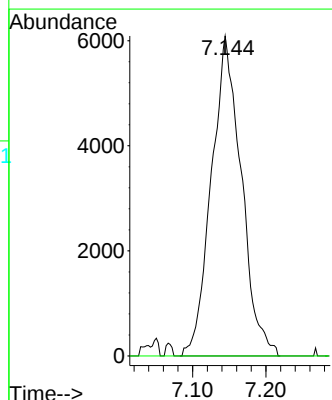
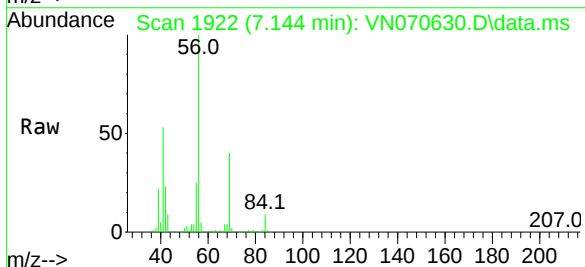
Acq: 14 Jan 2022 18:12

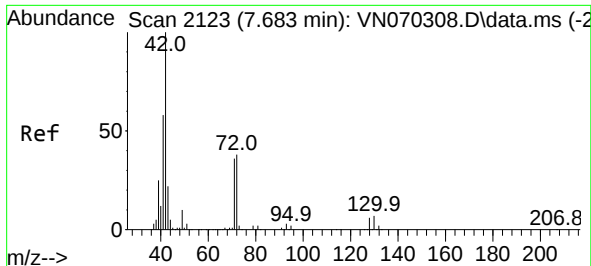
Tgt Ion: 77 Resp: 17297

Ion Ratio Lower Upper

77 100

97 0.0 11.6 34.8#





#29

Tetrahydrofuran

Concen: 0.758 ug/l

RT: 7.702 min Scan# 2159

Delta R.T. 0.019 min

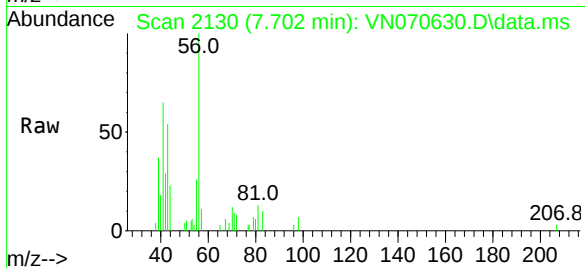
Lab File: VN070630.D

Acq: 14 Jan 2022 18:12

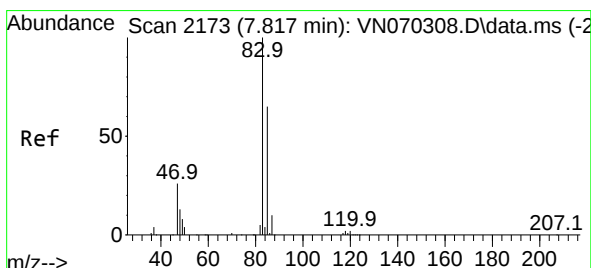
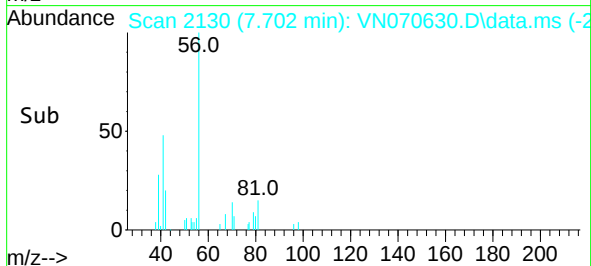
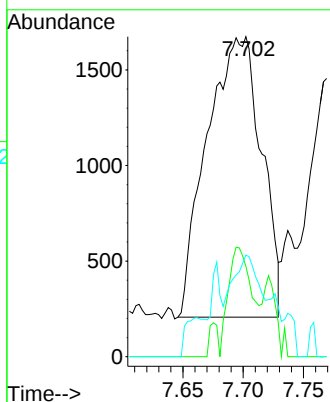
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	4594
Ion Ratio	Lower	Upper	
42	100		
72	16.8	36.3	54.5#
71	0.0	34.7	52.1#



#30

Chloroform

Concen: 4.489 ug/l

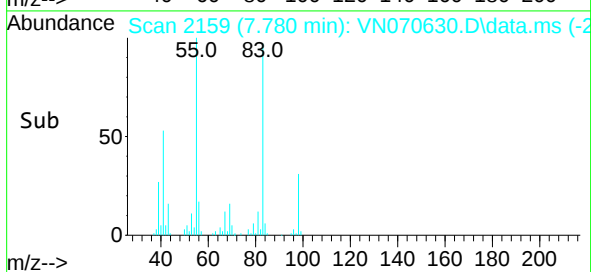
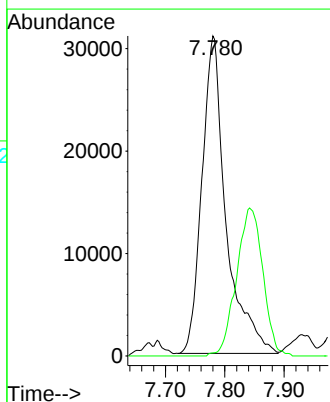
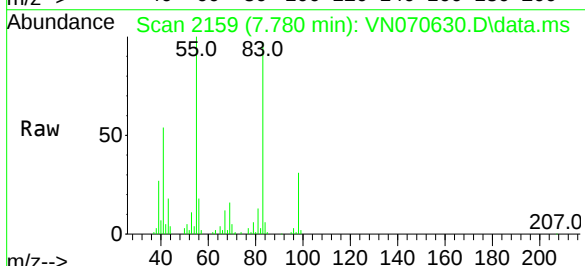
RT: 7.780 min Scan# 2159

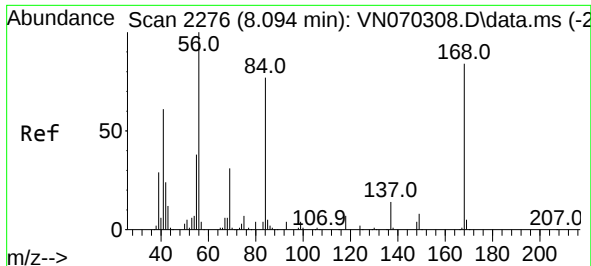
Delta R.T. -0.037 min

Lab File: VN070630.D

Acq: 14 Jan 2022 18:12

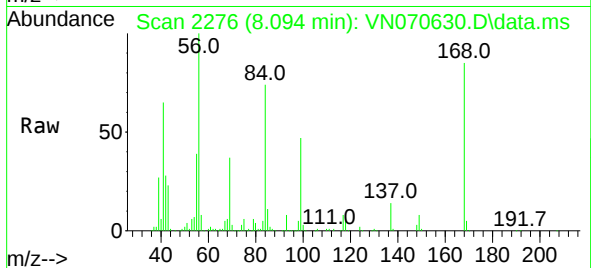
Tgt Ion:	83	Resp:	87329
Ion Ratio	Lower	Upper	
83	100		
85	1.0	51.9	77.9#



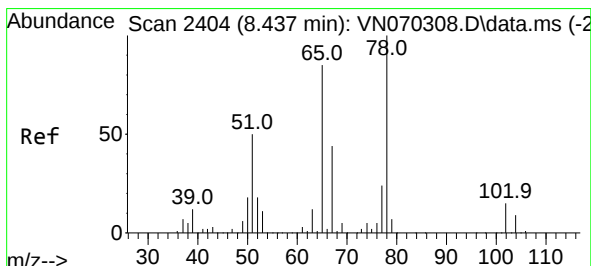
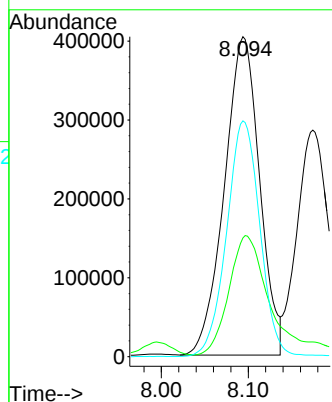
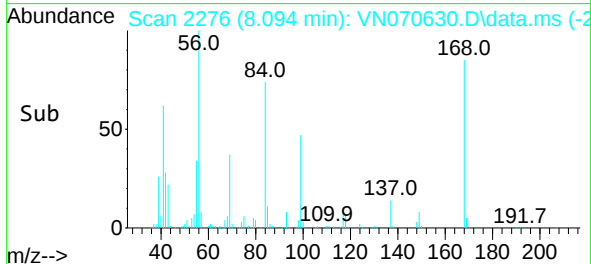


#31
Cyclohexane
Concen: 57.906 ug/l
RT: 8.094 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN070630.D
Acq: 14 Jan 2022 18:12

Instrument :
MSVOA_N
ClientSampleId :

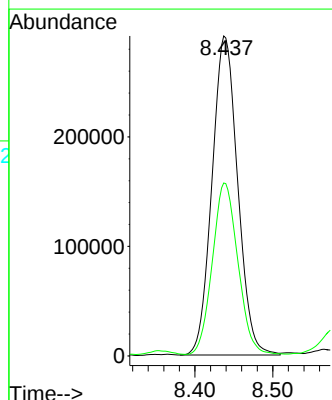
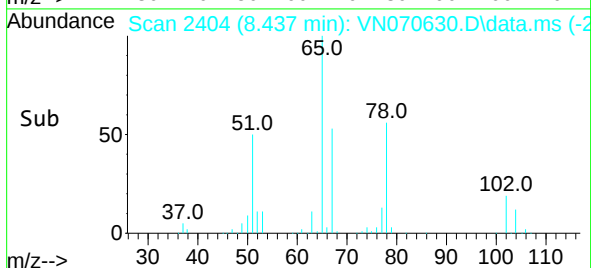
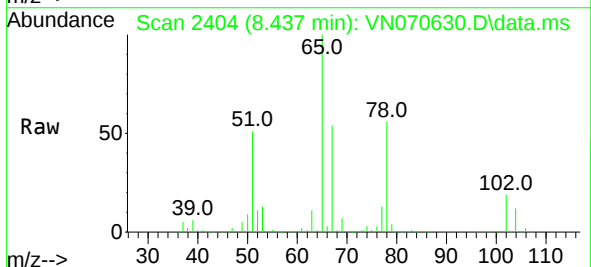


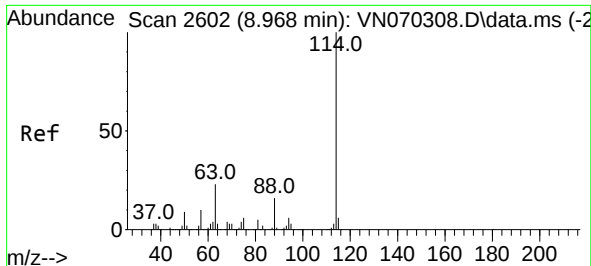
Tgt Ion: 56 Resp: 1136125
Ion Ratio Lower Upper
56 100
69 35.9 27.1 40.7
84 74.0 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 53.567 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070630.D
Acq: 14 Jan 2022 18:12

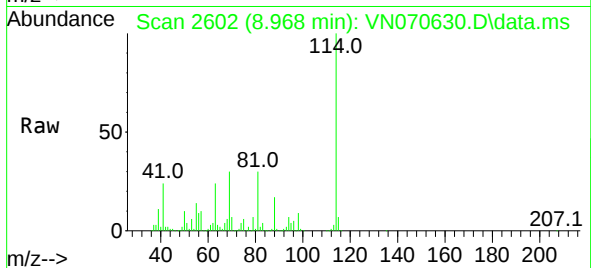
Tgt Ion: 65 Resp: 666020
Ion Ratio Lower Upper
65 100
67 53.2 0.0 103.0



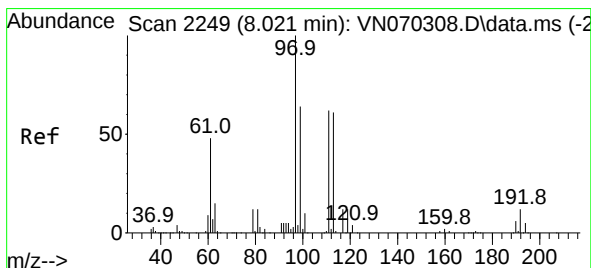
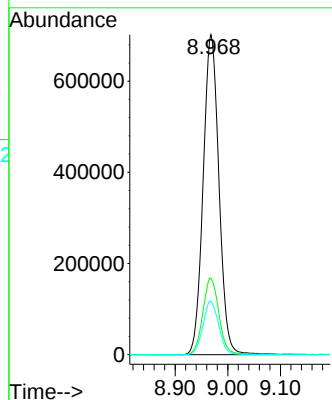
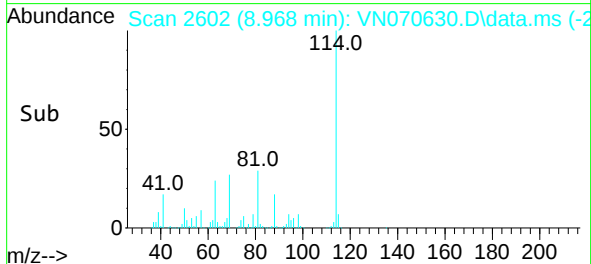


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070630.D
Acq: 14 Jan 2022 18:12

Instrument :
MSVOA_N
ClientSampleId :

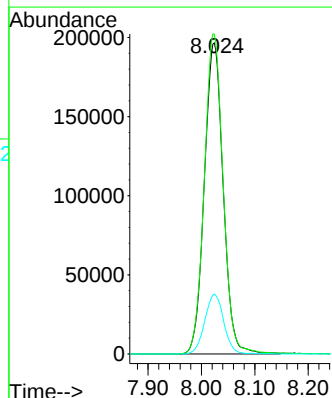
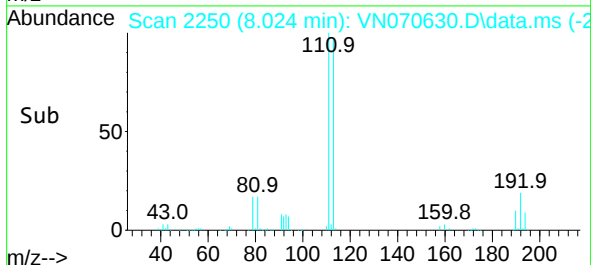
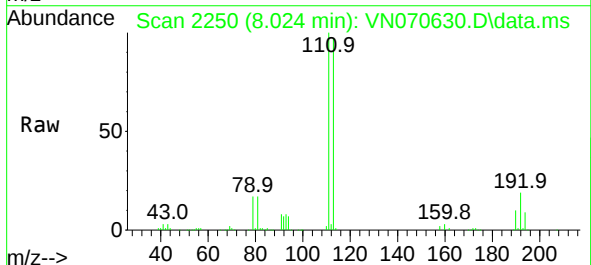


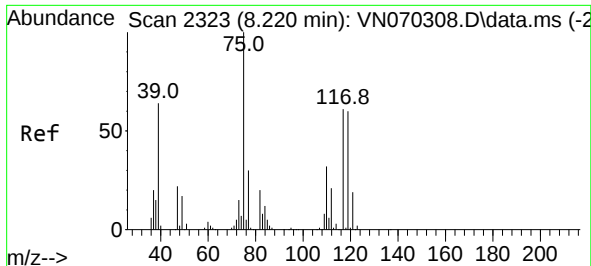
Tgt Ion:114 Resp: 1463237
Ion Ratio Lower Upper
114 100
63 23.9 0.0 37.8
88 16.7 0.0 27.4



#35
Dibromofluoromethane
Concen: 54.531 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN070630.D
Acq: 14 Jan 2022 18:12

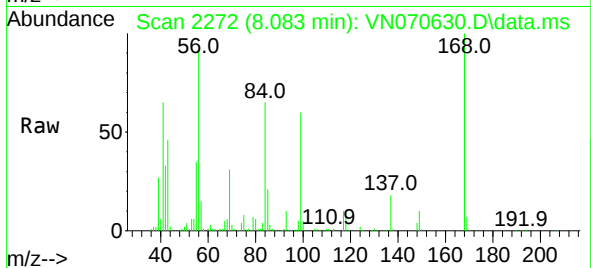
Tgt Ion:113 Resp: 482777
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 19.2 16.9 25.3



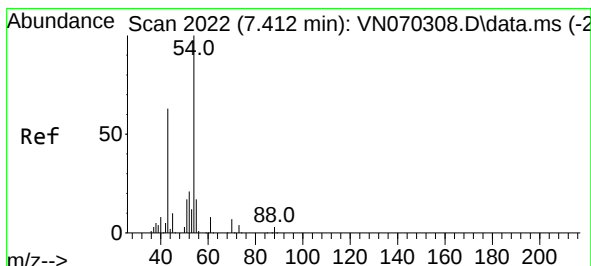
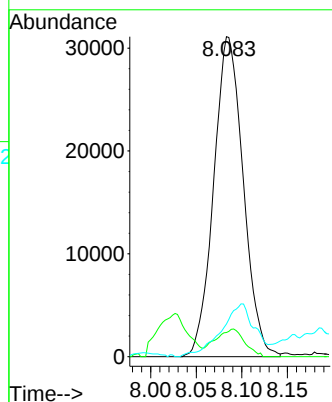
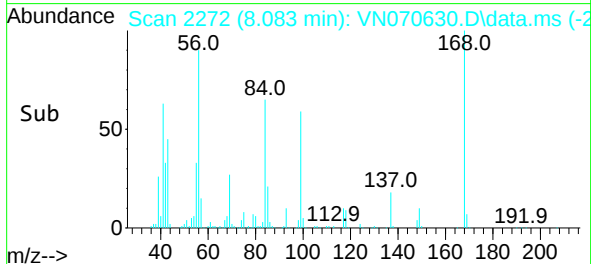


#36
 1,1-Dichloropropene
 Concen: 4.790 ug/l
 RT: 8.083 min Scan# 21
 Delta R.T. -0.137 min
 Lab File: VN070630.D
 Acq: 14 Jan 2022 18:12

Instrument :
 MSVOA_N
 ClientSampleId :

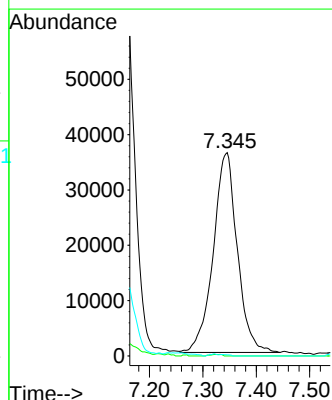
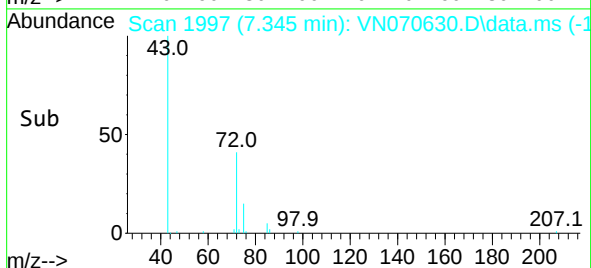
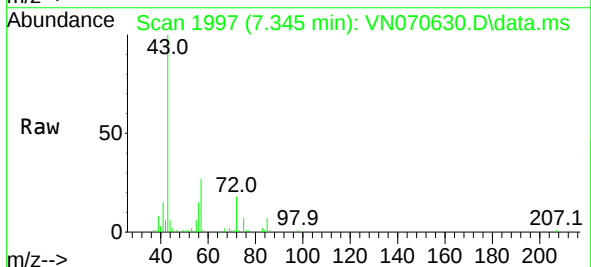


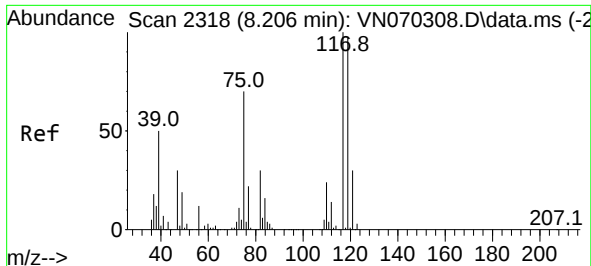
Tgt Ion: 75 Resp: 70149
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.4 55.2#
 77 18.9 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 5.974 ug/l
 RT: 7.345 min Scan# 1997
 Delta R.T. -0.067 min
 Lab File: VN070630.D
 Acq: 14 Jan 2022 18:12

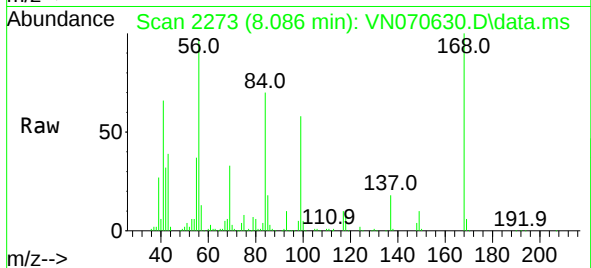
Tgt Ion: 43 Resp: 113411
 Ion Ratio Lower Upper
 43 100
 61 0.4 11.5 17.3#
 70 0.0 7.9 11.9#



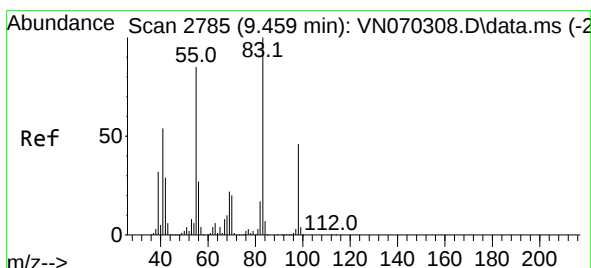
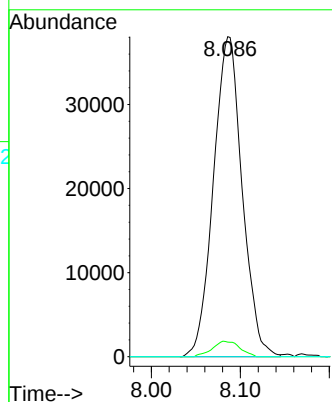
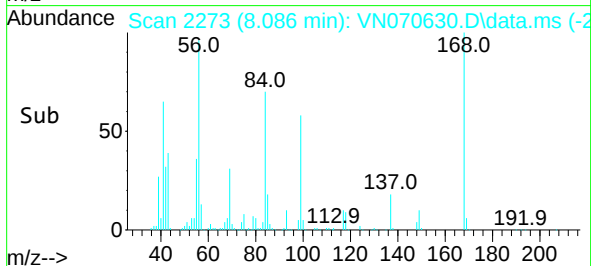


#38
Carbon Tetrachloride
Concen: 6.102 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.120 min
Lab File: VN070630.D
Acq: 14 Jan 2022 18:12

Instrument :
MSVOA_N
ClientSampleId :

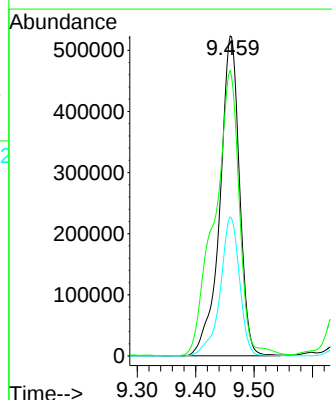
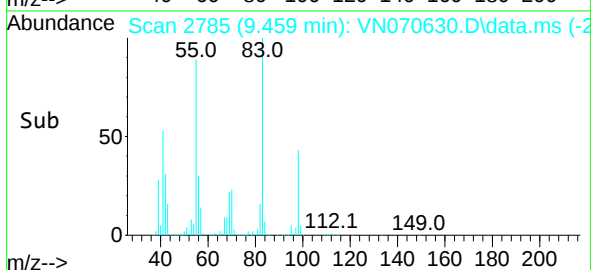
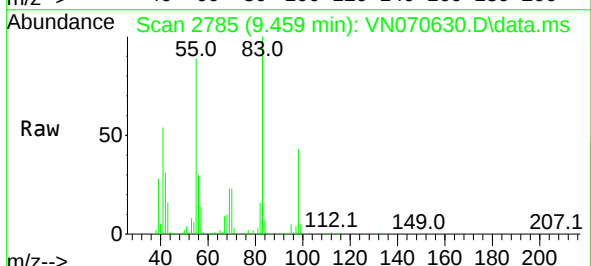


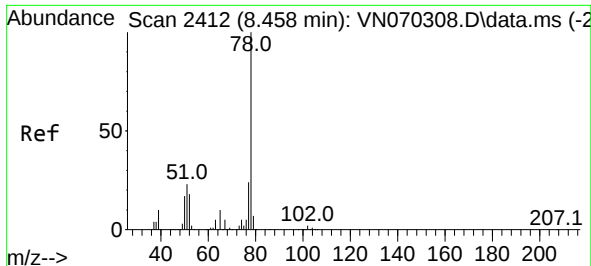
Tgt Ion:117 Resp: 85333
Ion Ratio Lower Upper
117 100
119 4.5 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 68.779 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VN070630.D
Acq: 14 Jan 2022 18:12

Tgt Ion: 83 Resp: 1219520
Ion Ratio Lower Upper
83 100
55 89.0 58.1 87.1#
98 43.5 38.4 57.6

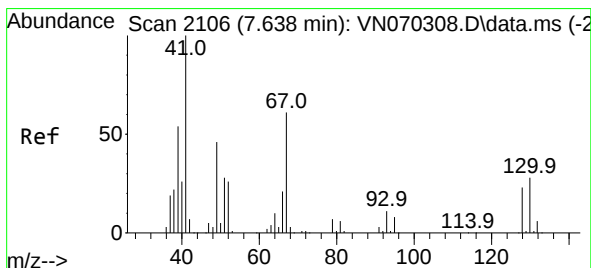
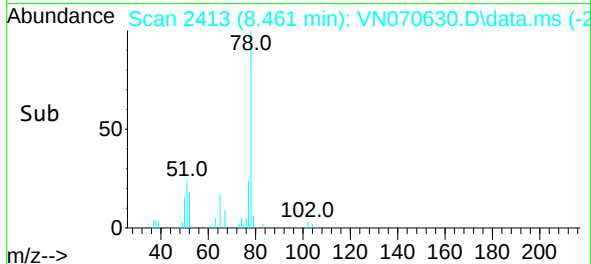
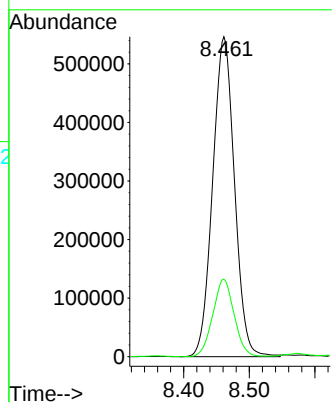
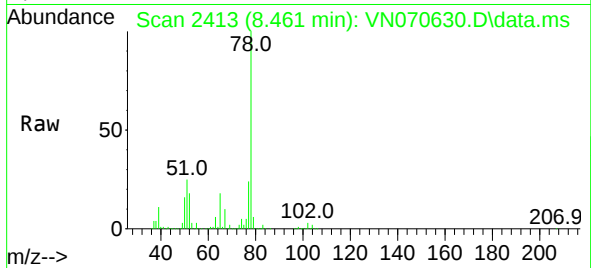




#40
Benzene
Concen: 28.093 ug/l
RT: 8.461 min Scan# 2412
Delta R.T. 0.003 min
Lab File: VN070630.D
Acq: 14 Jan 2022 18:12

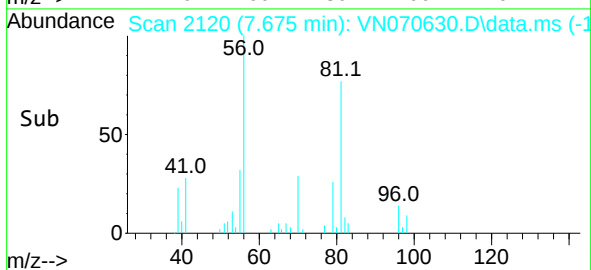
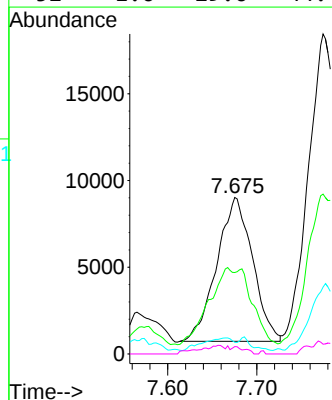
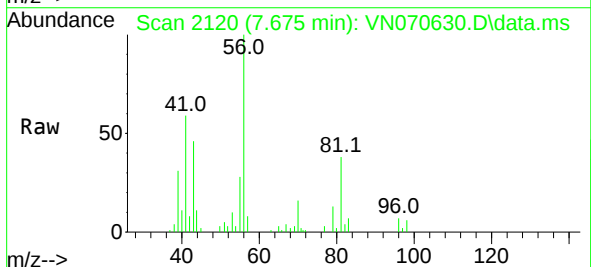
Instrument :
MSVOA_N
ClientSampleId :

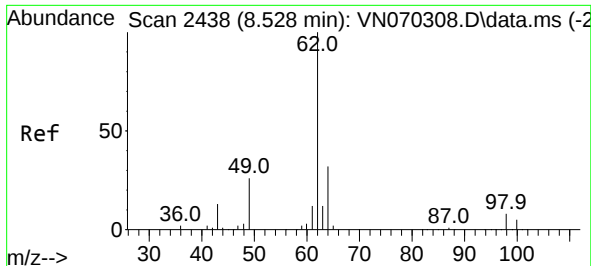
Tgt Ion: 78 Resp: 1261414
Ion Ratio Lower Upper
78 100
77 24.3 18.6 27.8



#41
Methacrylonitrile
Concen: 2.442 ug/l
RT: 7.675 min Scan# 2120
Delta R.T. 0.037 min
Lab File: VN070630.D
Acq: 14 Jan 2022 18:12

Tgt Ion: 41 Resp: 23192
Ion Ratio Lower Upper
41 100
39 38.0 48.1 72.1#
67 0.0 68.3 102.5#
52 1.6 29.6 44.4#





#42

1,2-Dichloroethane

Concen: 1.744 ug/l

RT: 8.531 min Scan# 2431

Delta R.T. 0.003 min

Lab File: VN070630.D

Acq: 14 Jan 2022 18:12

Instrument :

MSVOA_N

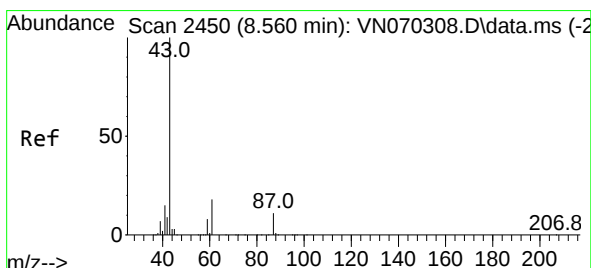
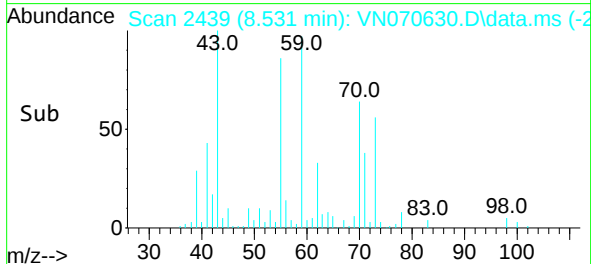
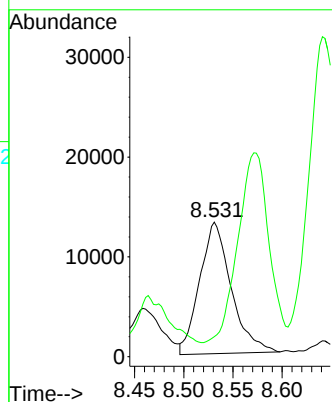
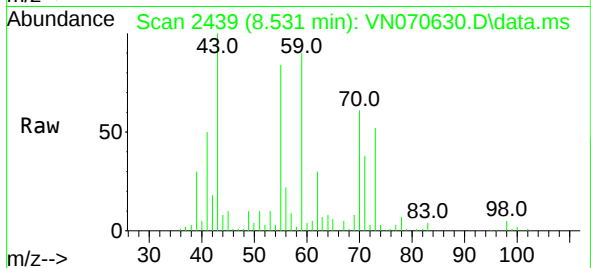
ClientSampleId :

Tgt Ion: 62 Resp: 29431

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.6



#43

Isopropyl Acetate

Concen: 10.463 ug/l

RT: 8.555 min Scan# 2448

Delta R.T. -0.005 min

Lab File: VN070630.D

Acq: 14 Jan 2022 18:12

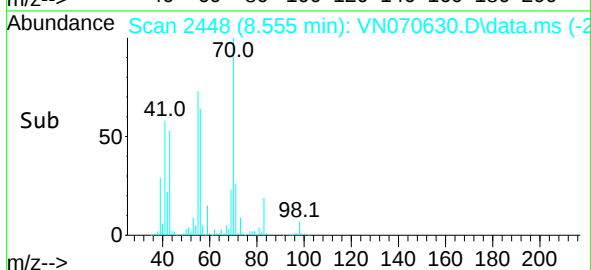
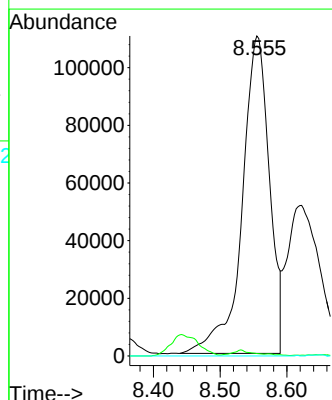
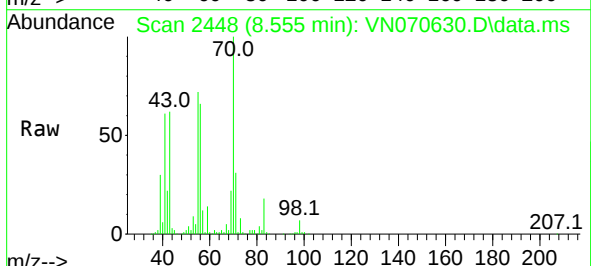
Tgt Ion: 43 Resp: 313155

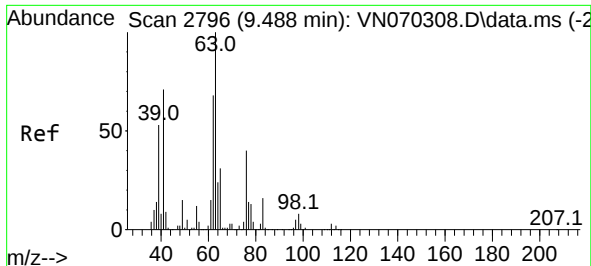
Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

87 0.0 11.2 16.8#





#45

1,2-Dichloropropane

Concen: 1.333 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.029 min

Lab File: VN070630.D

Acq: 14 Jan 2022 18:12

Instrument :

MSVOA_N

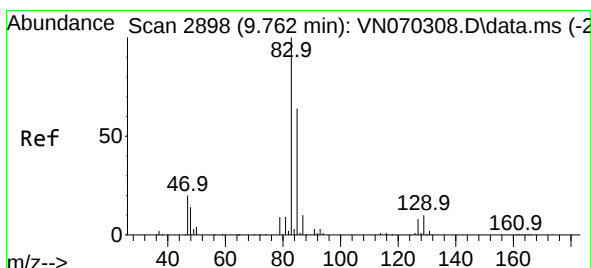
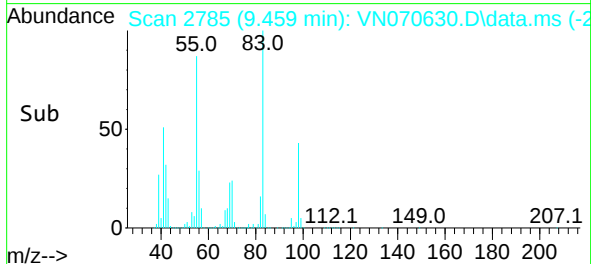
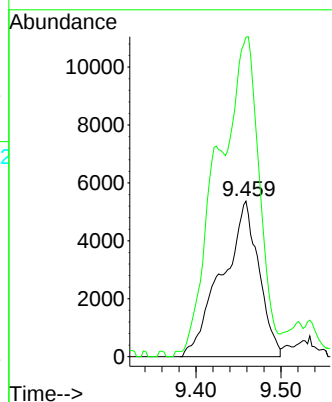
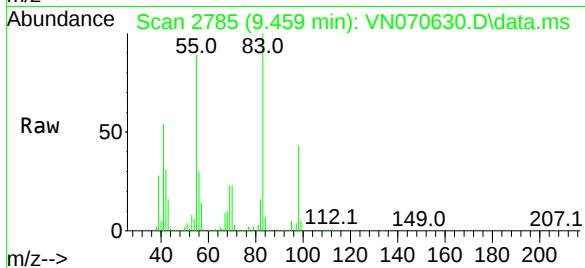
ClientSampleId :

Tgt Ion: 63 Resp: 16115

Ion Ratio Lower Upper

63 100

65 202.1 24.7 37.1#



#47

Bromodichloromethane

Concen: 4.257 ug/l

RT: 9.746 min Scan# 2892

Delta R.T. -0.016 min

Lab File: VN070630.D

Acq: 14 Jan 2022 18:12

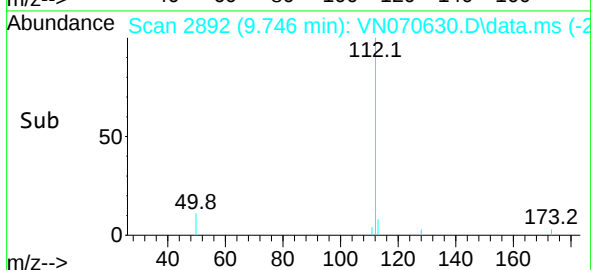
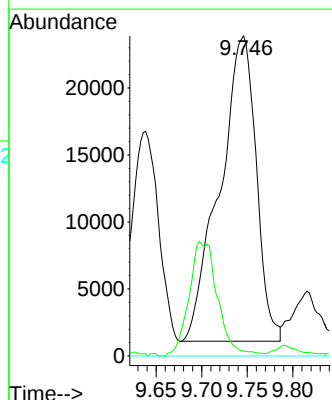
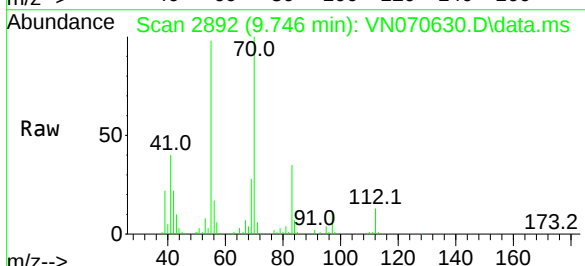
Tgt Ion: 83 Resp: 63545

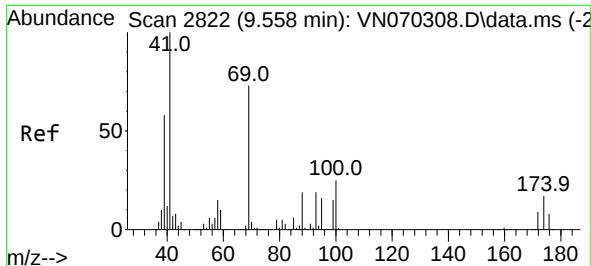
Ion Ratio Lower Upper

83 100

85 0.0 50.9 76.3#

127 0.0 7.1 10.7#

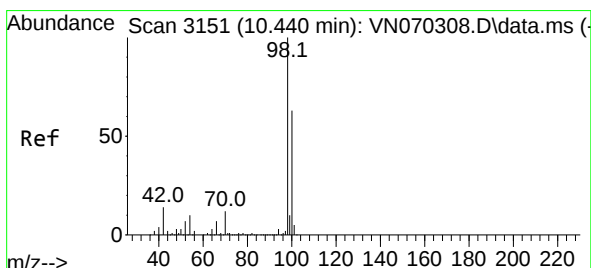
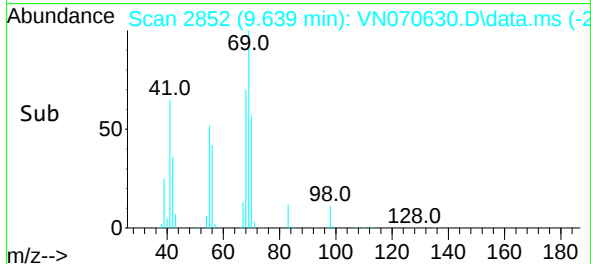
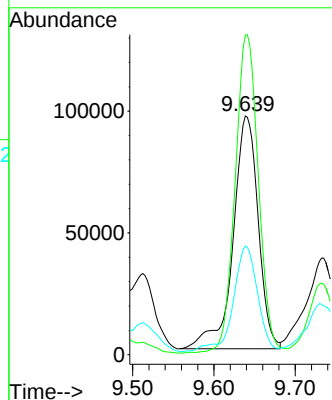
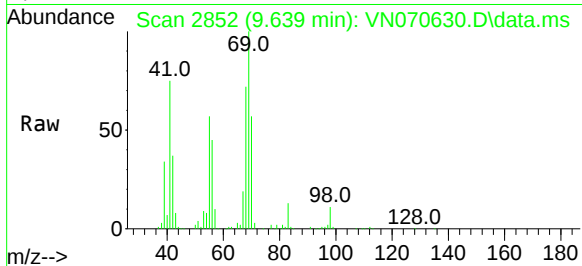




#48
Methyl methacrylate
Concen: 14.406 ug/l
RT: 9.639 min Scan# 21
Delta R.T. 0.081 min
Lab File: VN070630.D
Acq: 14 Jan 2022 18:12

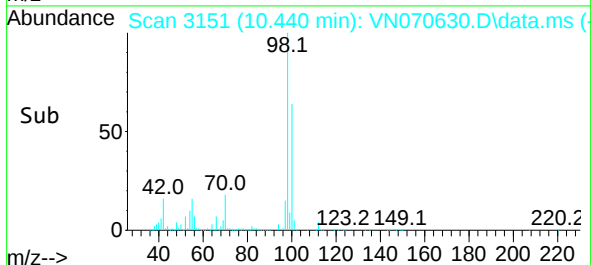
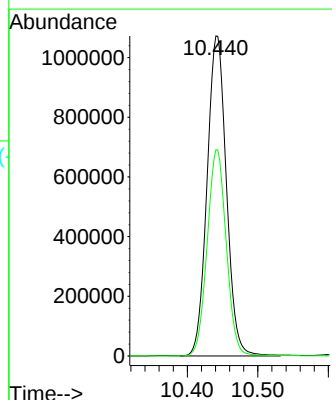
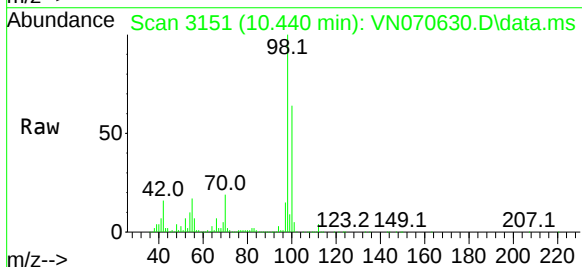
Instrument :
MSVOA_N
ClientSampleId :

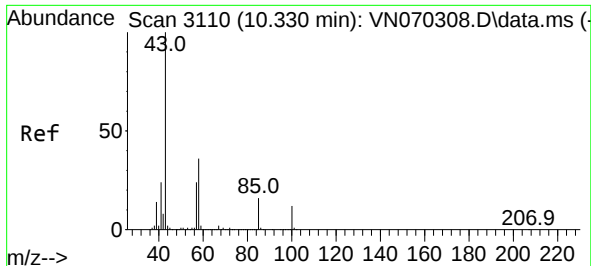
Tgt Ion: 41 Resp: 205670
Ion Ratio Lower Upper
41 100
69 125.6 72.4 108.6#
39 43.6 58.4 87.6#



#50
Toluene-d8
Concen: 56.434 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070630.D
Acq: 14 Jan 2022 18:12

Tgt Ion: 98 Resp: 2041024
Ion Ratio Lower Upper
98 100
100 63.6 50.4 75.6

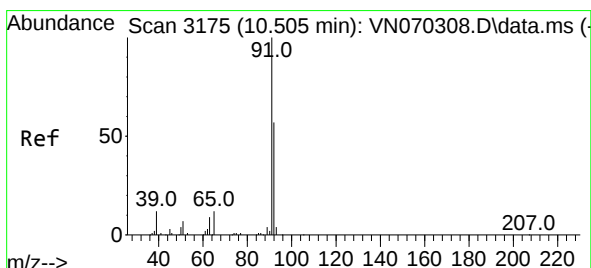
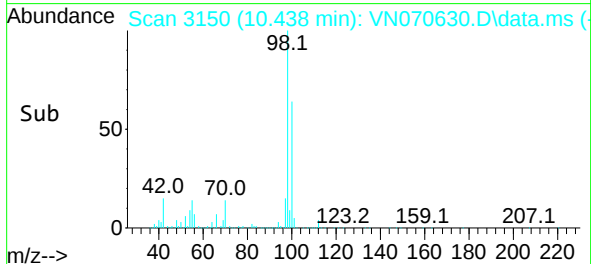
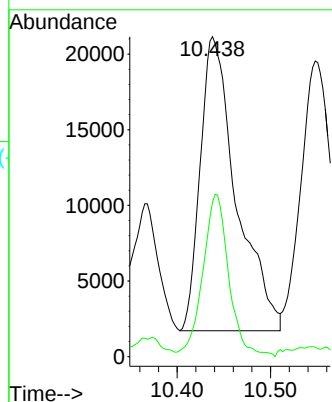
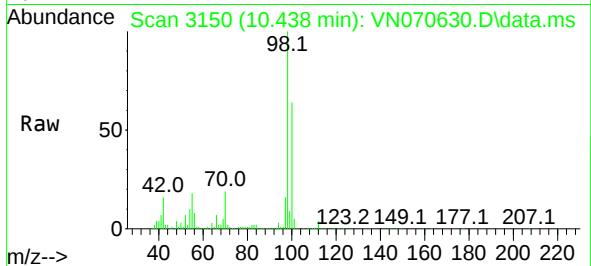




#51
4-Methyl-2-Pentanone
Concen: 2.775 ug/l
RT: 10.438 min Scan# 3110
Delta R.T. 0.108 min
Lab File: VN070630.D
Acq: 14 Jan 2022 18:12

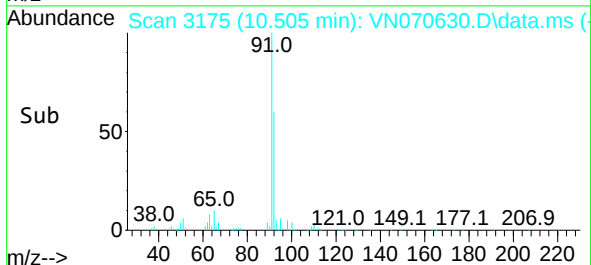
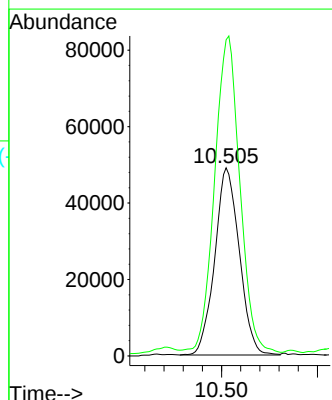
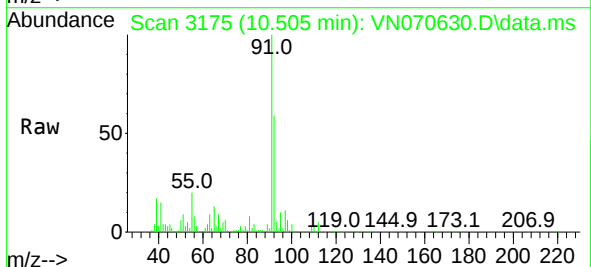
Instrument :
MSVOA_N
ClientSampleId :

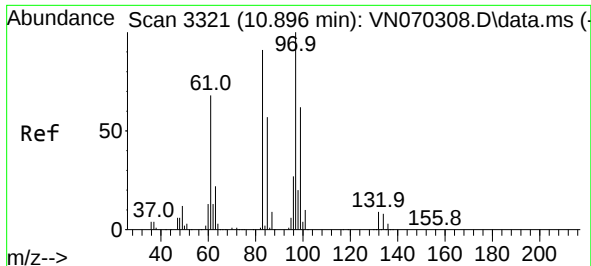
Tgt Ion: 43 Resp: 52182
Ion Ratio Lower Upper
43 100
58 40.0 30.4 45.6



#52
Toluene
Concen: 3.194 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070630.D
Acq: 14 Jan 2022 18:12

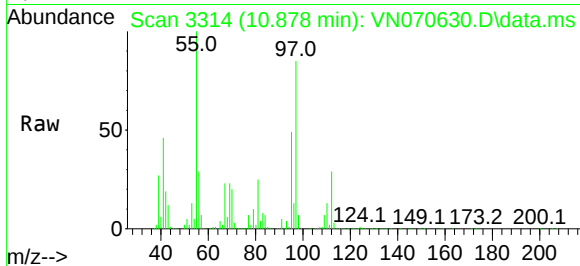
Tgt Ion: 92 Resp: 86819
Ion Ratio Lower Upper
92 100
91 173.9 142.0 213.0



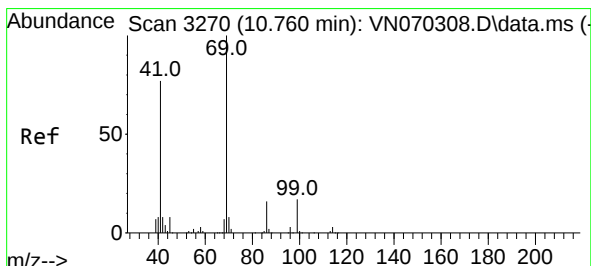
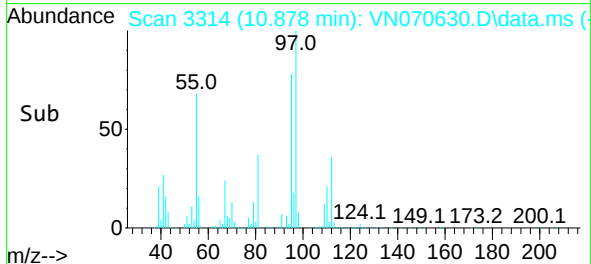
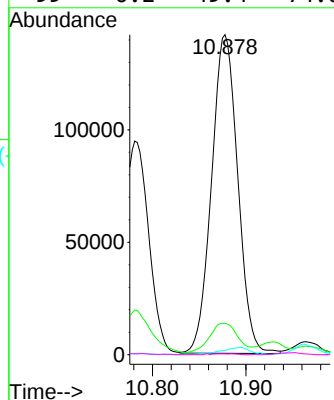


#55
1,1,2-Trichloroethane
Concen: 25.715 ug/l
RT: 10.878 min Scan# 31
Delta R.T. -0.018 min
Lab File: VN070630.D
Acq: 14 Jan 2022 18:12

Instrument :
MSVOA_N
ClientSampleId :

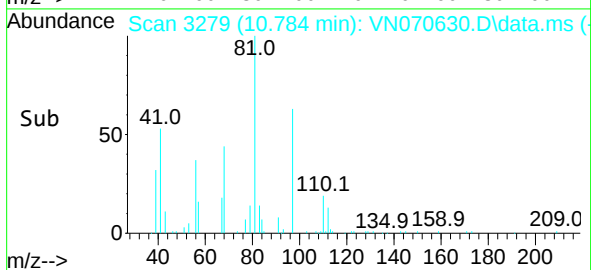
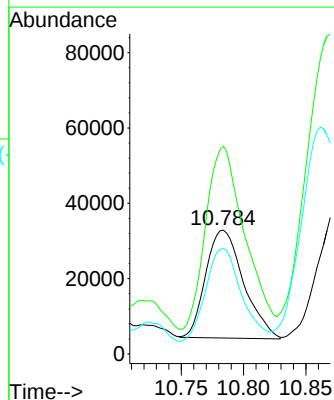
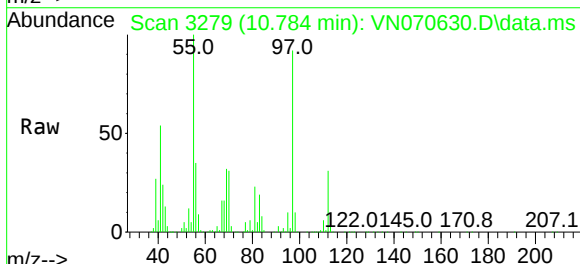


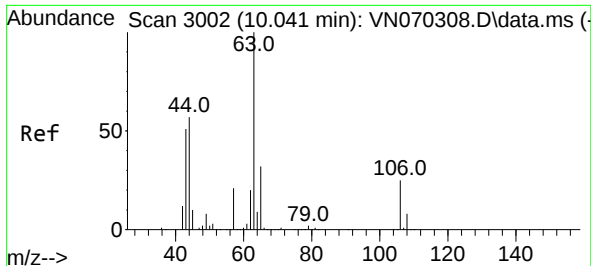
Tgt Ion: 97 Resp: 276521
Ion Ratio Lower Upper
97 100
83 8.9 67.8 101.6#
85 1.3 45.4 68.2#
99 0.2 49.4 74.0#



#56
Ethyl methacrylate
Concen: 3.417 ug/l
RT: 10.784 min Scan# 3279
Delta R.T. 0.024 min
Lab File: VN070630.D
Acq: 14 Jan 2022 18:12

Tgt Ion: 69 Resp: 60705
Ion Ratio Lower Upper
69 100
41 176.8 51.4 77.0#
39 81.3 34.6 52.0#

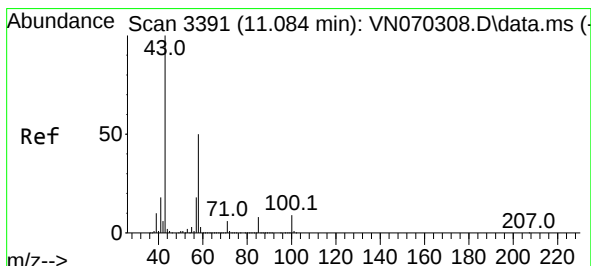
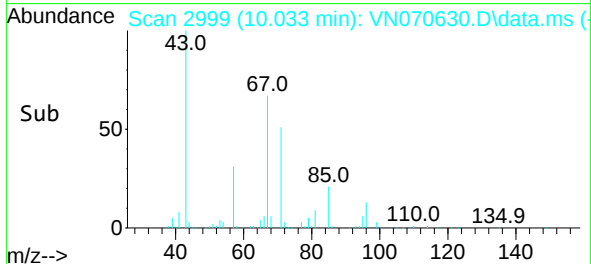
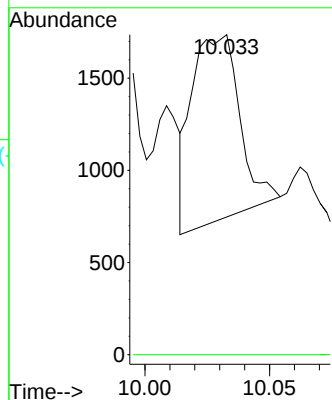
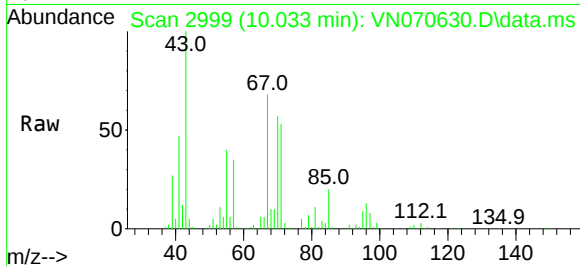




#58
2-Chloroethyl Vinyl ether
Concen: 18.788 ug/l
RT: 10.033 min Scan# 2999
Delta R.T. -0.008 min
Lab File: VN070630.D
Acq: 14 Jan 2022 18:12

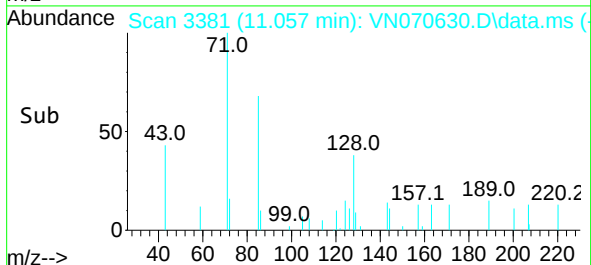
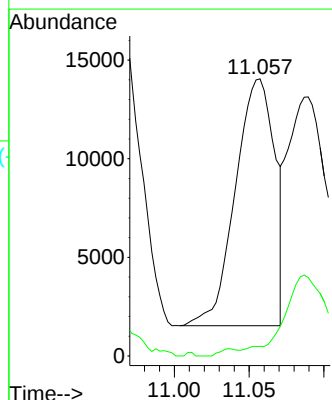
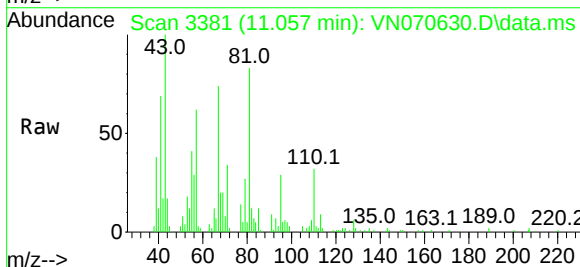
Instrument :
MSVOA_N
ClientSampleId :

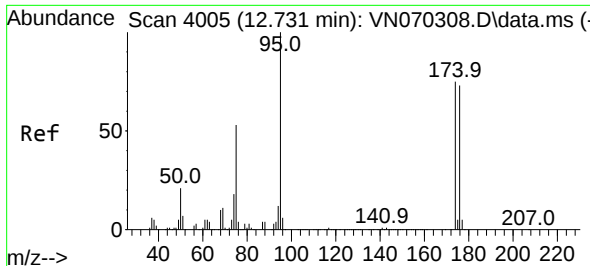
Tgt Ion: 63 Resp: 1349
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 1.675 ug/l
RT: 11.057 min Scan# 3381
Delta R.T. -0.027 min
Lab File: VN070630.D
Acq: 14 Jan 2022 18:12

Tgt Ion: 43 Resp: 22971
Ion Ratio Lower Upper
43 100
58 0.0 26.9 80.7#

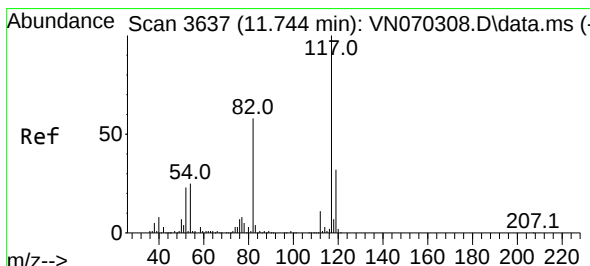
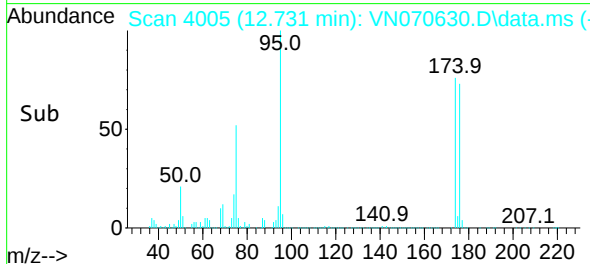
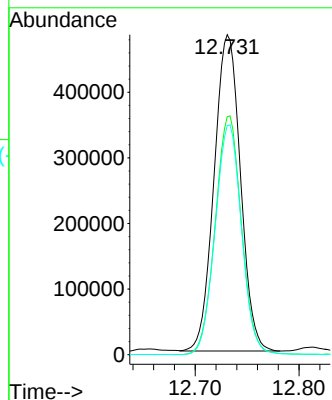
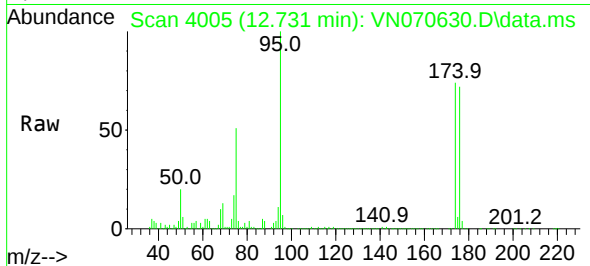




#62
4-Bromofluorobenzene
Concen: 65.115 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070630.D
Acq: 14 Jan 2022 18:12

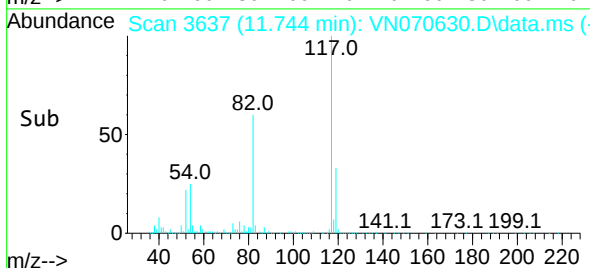
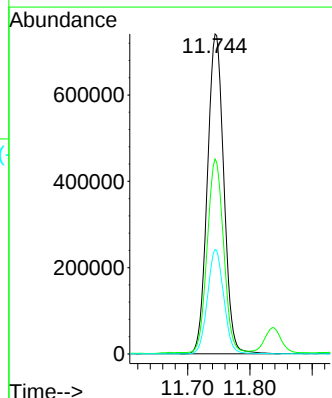
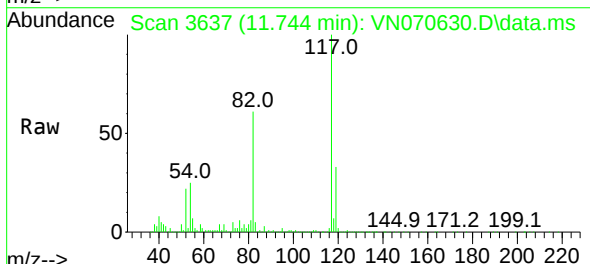
Instrument :
MSVOA_N
ClientSampleId :

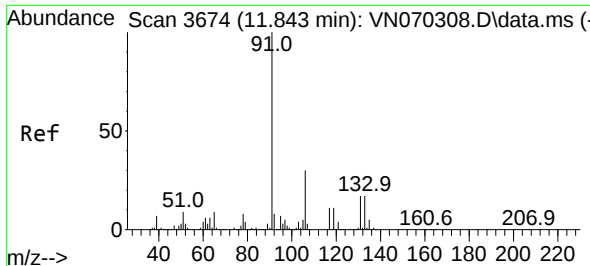
Tgt Ion: 95 Resp: 850569
Ion Ratio Lower Upper
95 100
174 75.2 0.0 187.2
176 72.6 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070630.D
Acq: 14 Jan 2022 18:12

Tgt Ion: 117 Resp: 1358757
Ion Ratio Lower Upper
117 100
82 60.5 42.4 63.6
119 32.6 25.4 38.2





#67

Ethyl Benzene

Concen: 173.714 ug/l

RT: 11.846 min Scan# 30

Delta R.T. 0.003 min

Lab File: VN070630.D

Acq: 14 Jan 2022 18:12

Instrument :

MSVOA_N

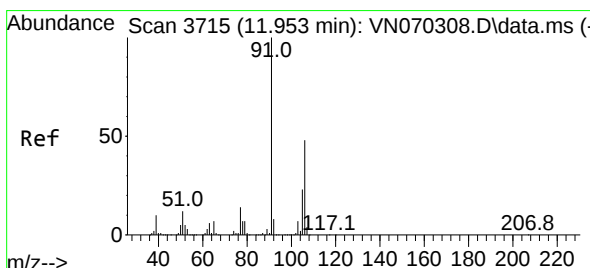
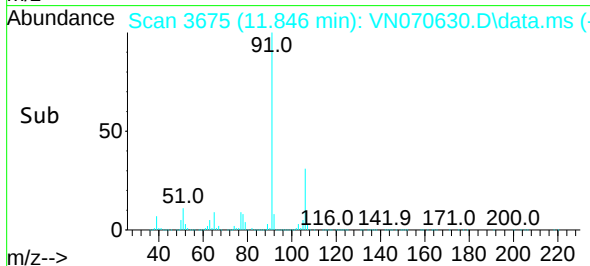
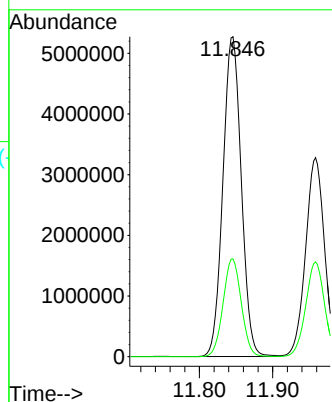
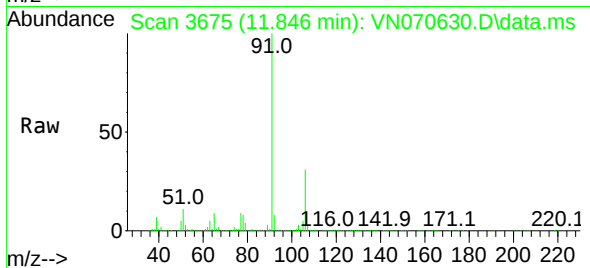
ClientSampleId :

Tgt Ion: 91 Resp: 9176070

Ion Ratio Lower Upper

91 100

106 30.5 25.7 38.5



#68

m/p-Xylenes

Concen: 145.624 ug/l

RT: 11.958 min Scan# 3717

Delta R.T. 0.005 min

Lab File: VN070630.D

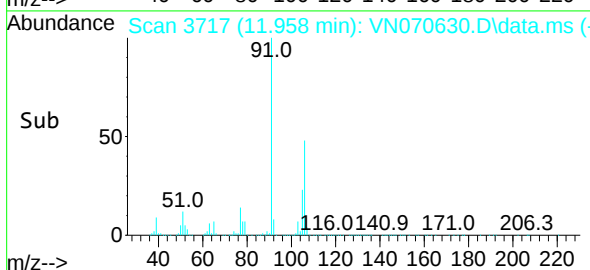
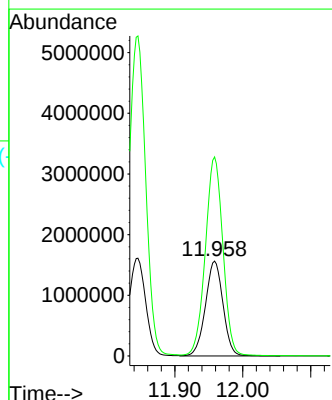
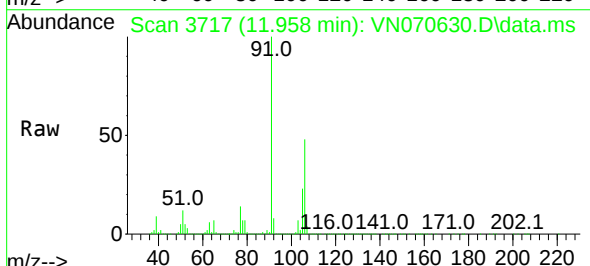
Acq: 14 Jan 2022 18:12

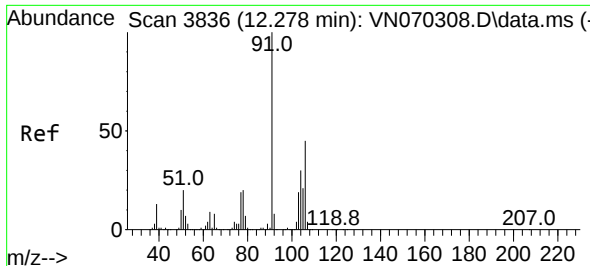
Tgt Ion:106 Resp: 2800035

Ion Ratio Lower Upper

106 100

91 210.4 160.6 240.8

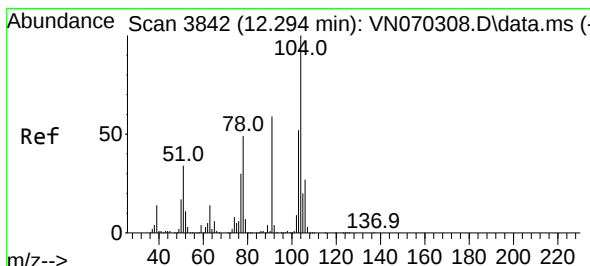
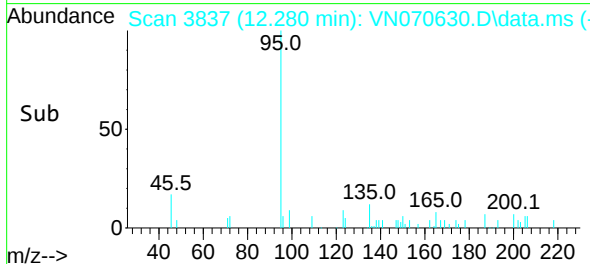
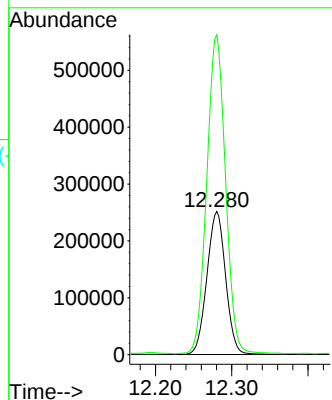
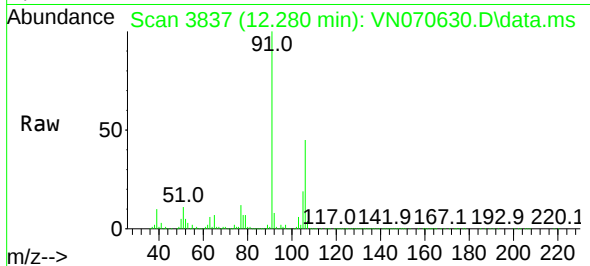




#69
o-Xylene
Concen: 22.344 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070630.D
Acq: 14 Jan 2022 18:12

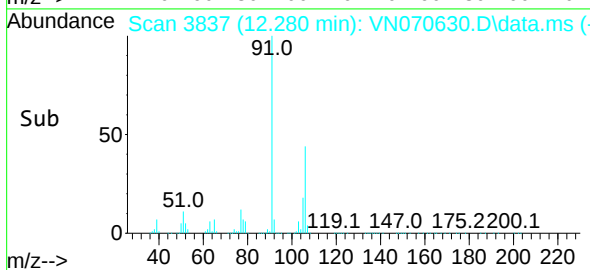
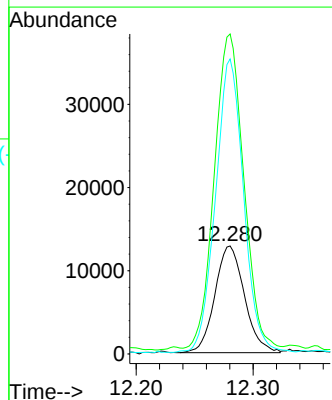
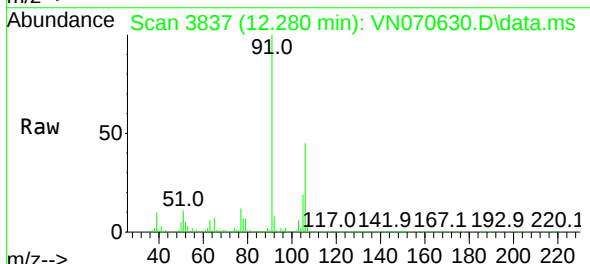
Instrument :
MSVOA_N
ClientSampleId :

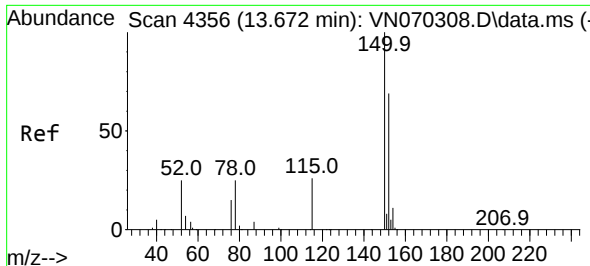
Tgt Ion:106 Resp: 427335
Ion Ratio Lower Upper
106 100
91 224.0 105.8 317.3



#70
Styrene
Concen: 0.745 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.014 min
Lab File: VN070630.D
Acq: 14 Jan 2022 18:12

Tgt Ion:104 Resp: 22565
Ion Ratio Lower Upper
104 100
78 290.5 38.7 58.1#
103 261.2 45.0 67.6#

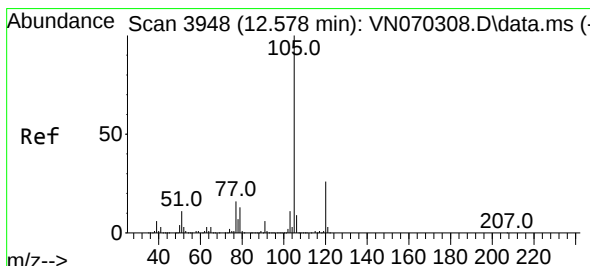
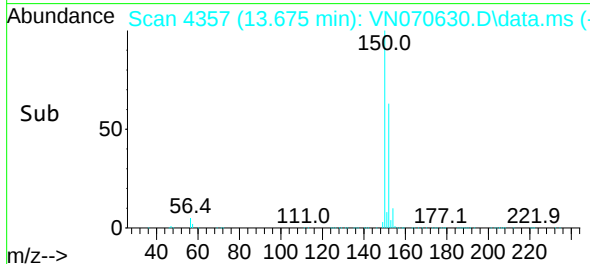
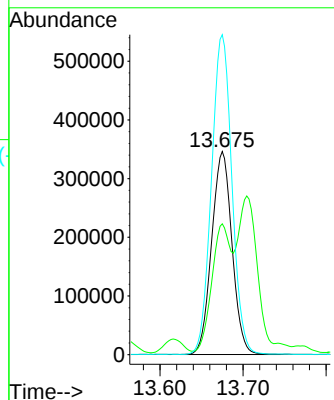
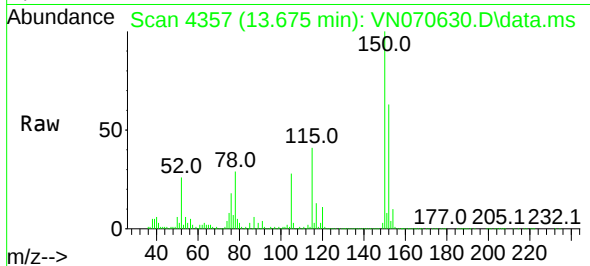




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070630.D
Acq: 14 Jan 2022 18:12

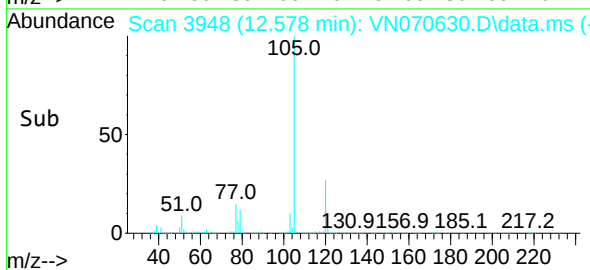
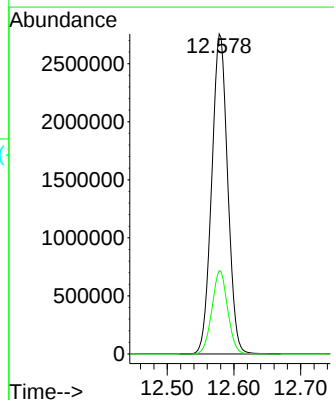
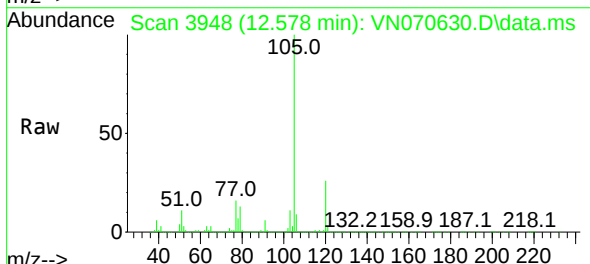
Instrument :
MSVOA_N
ClientSampleId :

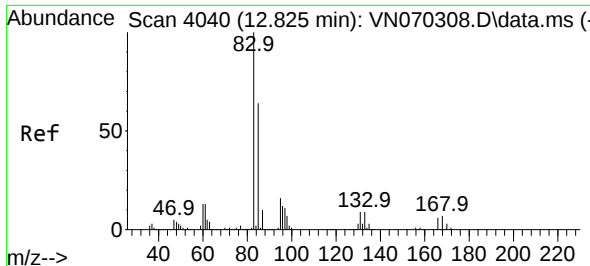
Tgt Ion:152 Resp: 588143
Ion Ratio Lower Upper
152 100
115 59.7 27.5 82.5
150 158.0 0.0 344.4



#73
Isopropylbenzene
Concen: 83.685 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN070630.D
Acq: 14 Jan 2022 18:12

Tgt Ion:105 Resp: 4570661
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1

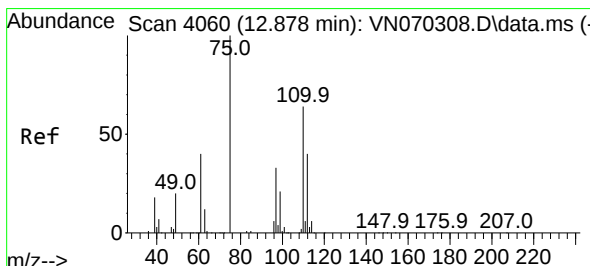
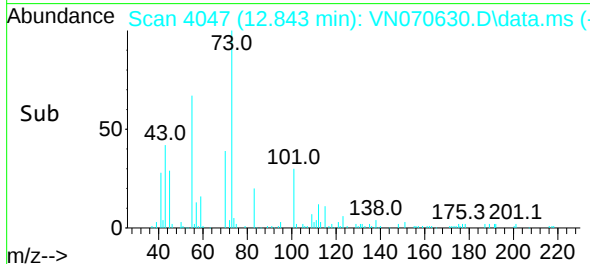
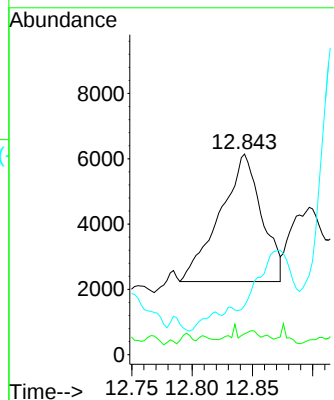
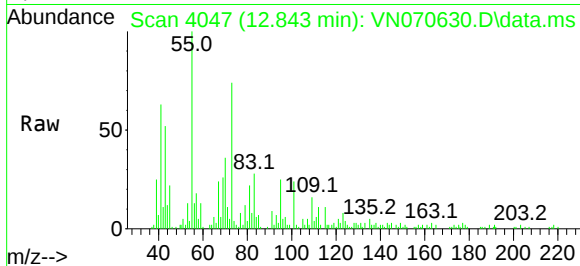




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.917 ug/l
 RT: 12.843 min Scan# 4040
 Delta R.T. 0.018 min
 Lab File: VN070630.D
 Acq: 14 Jan 2022 18:12

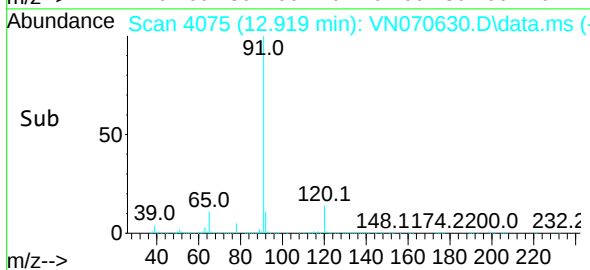
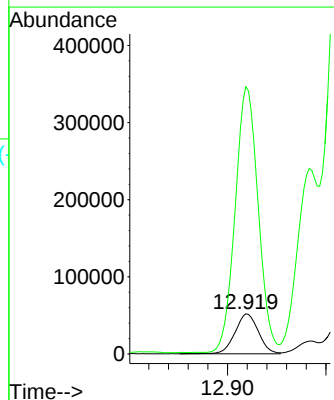
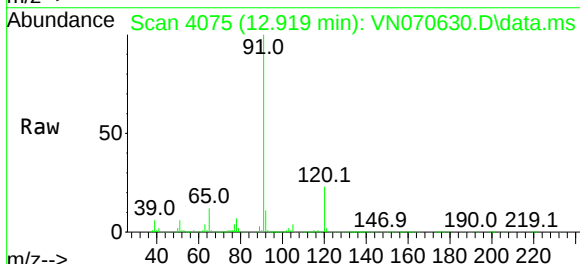
Instrument :
 MSVOA_N
 ClientSampleId :

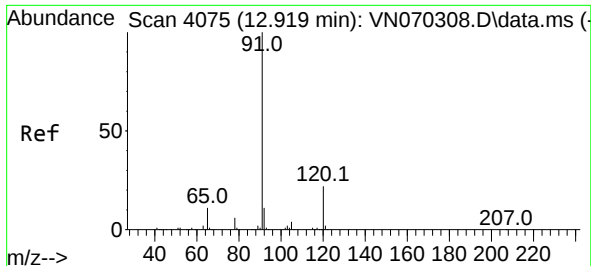
Tgt Ion: 83 Resp: 9403
 Ion Ratio Lower Upper
 83 100
 131 1.6 5.5 16.5#
 85 0.0 32.4 97.2#



#76
 1,2,3-Trichloropropane
 Concen: 7.376 ug/l
 RT: 12.919 min Scan# 4075
 Delta R.T. 0.041 min
 Lab File: VN070630.D
 Acq: 14 Jan 2022 18:12

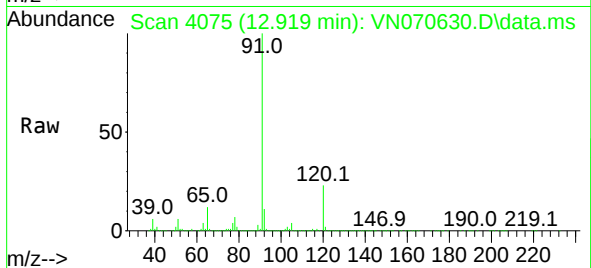
Tgt Ion: 75 Resp: 85513
 Ion Ratio Lower Upper
 75 100
 77 655.0 82.6 247.8#



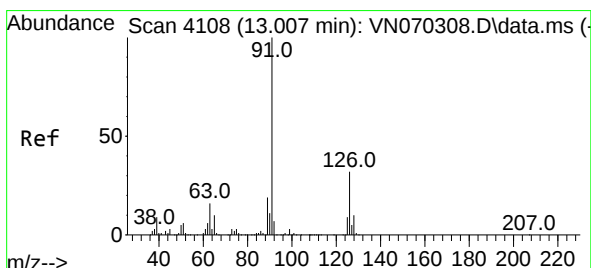
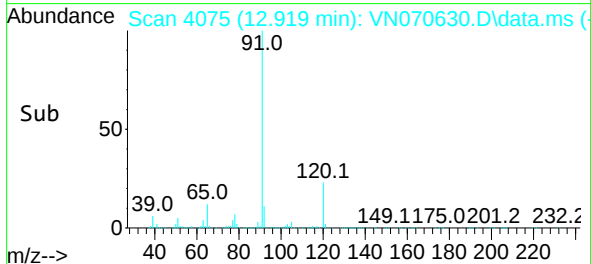
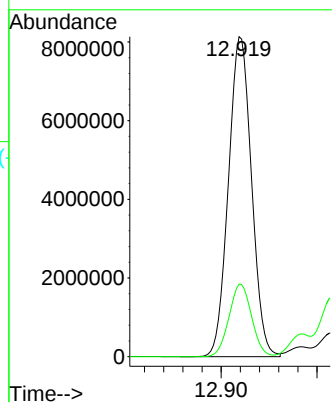


#78
n-propylbenzene
Concen: 224.730 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070630.D
Acq: 14 Jan 2022 18:12

Instrument :
MSVOA_N
ClientSampleId :

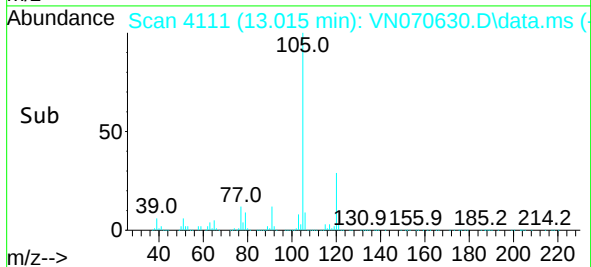
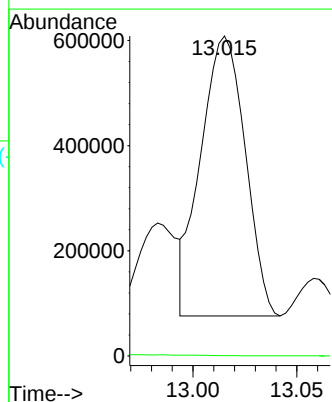
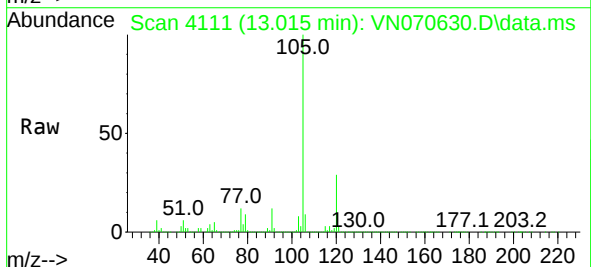


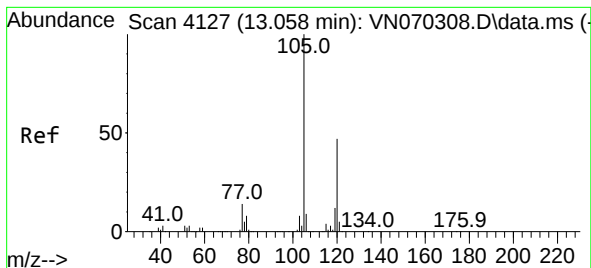
Tgt Ion: 91 Resp:13599600
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.9



#79
2-Chlorotoluene
Concen: 20.423 ug/l
RT: 13.015 min Scan# 4111
Delta R.T. 0.008 min
Lab File: VN070630.D
Acq: 14 Jan 2022 18:12

Tgt Ion: 91 Resp: 792979
Ion Ratio Lower Upper
91 100
126 0.0 18.3 54.8#





#80

1,3,5-Trimethylbenzene

Concen: 48.188 ug/l

RT: 13.058 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN070630.D

Acq: 14 Jan 2022 18:12

Instrument :

MSVOA_N

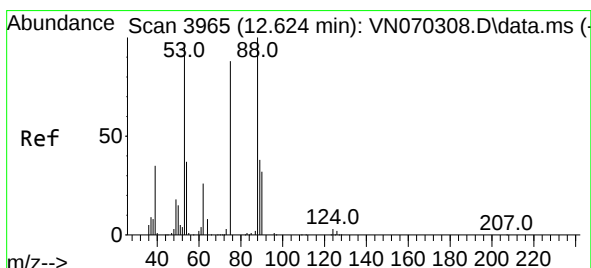
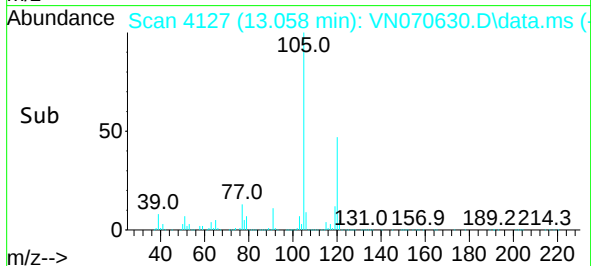
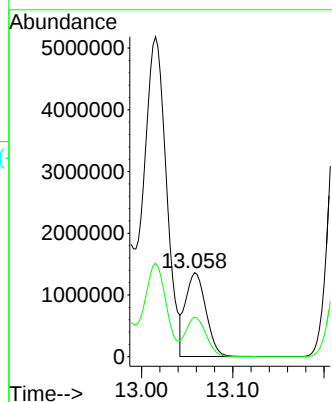
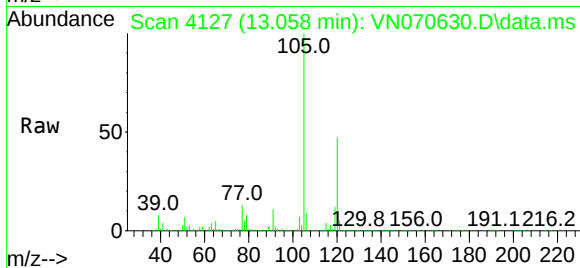
ClientSampleId :

Tgt Ion:105 Resp: 2109084

Ion Ratio Lower Upper

105 100

120 46.6 24.6 73.6



#81

trans-1,4-Dichloro-2-butene

Concen: 11.745 ug/l

RT: 12.578 min Scan# 3948

Delta R.T. -0.046 min

Lab File: VN070630.D

Acq: 14 Jan 2022 18:12

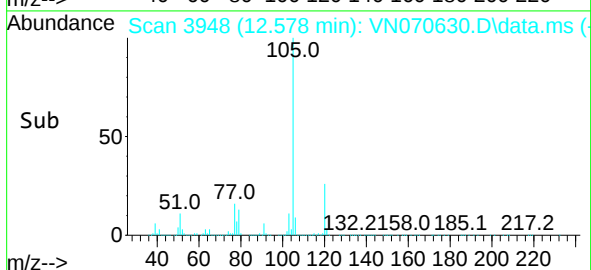
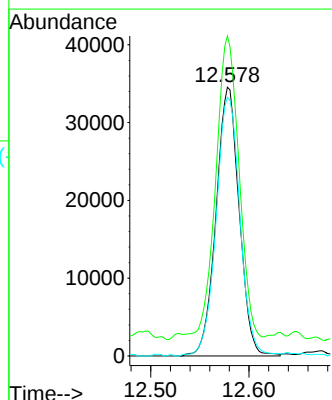
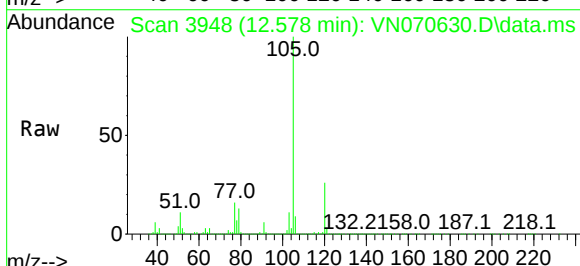
Tgt Ion: 75 Resp: 56538

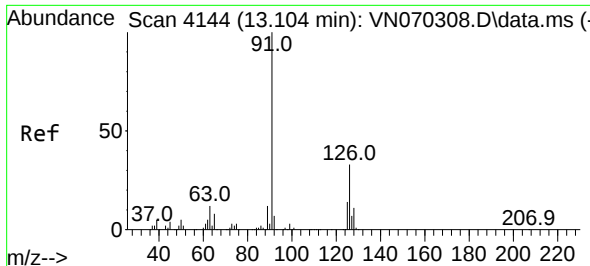
Ion Ratio Lower Upper

75 100

53 110.7 90.5 135.7

89 99.3 38.2 57.4#

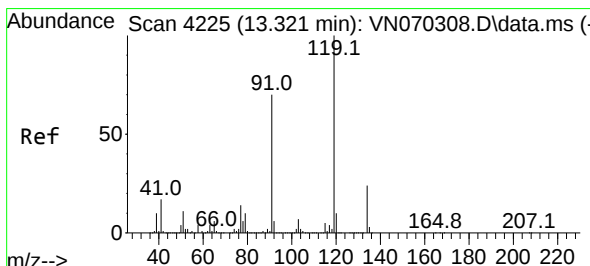
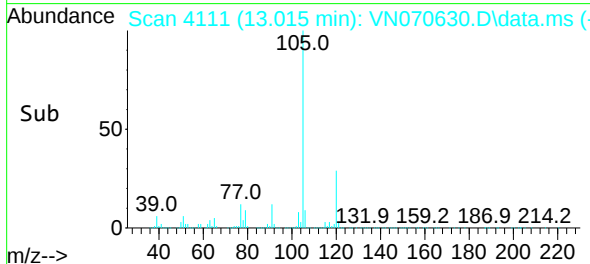
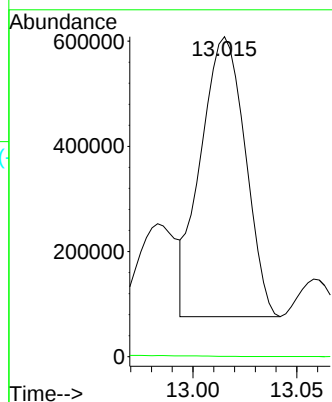
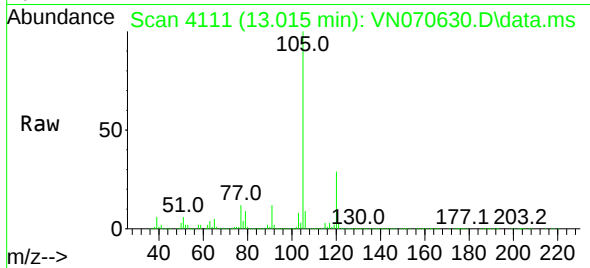




#82
4-Chlorotoluene
Concen: 21.802 ug/l
RT: 13.015 min Scan# 41
Delta R.T. -0.089 min
Lab File: VN070630.D
Acq: 14 Jan 2022 18:12

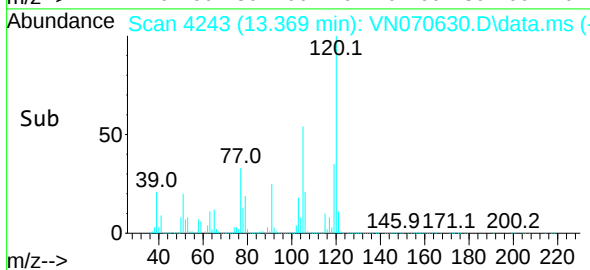
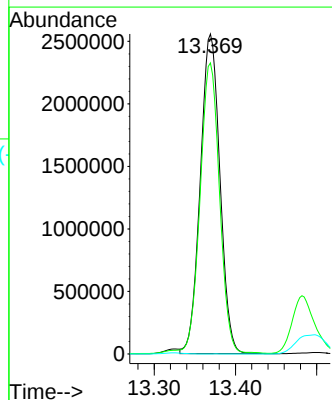
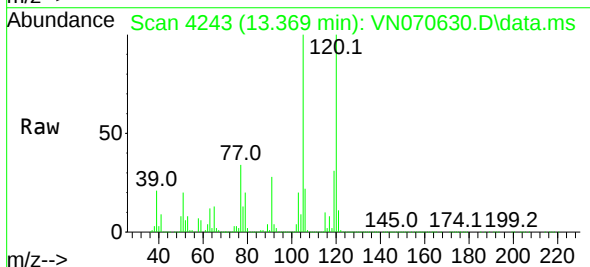
Instrument :
MSVOA_N
ClientSampleId :

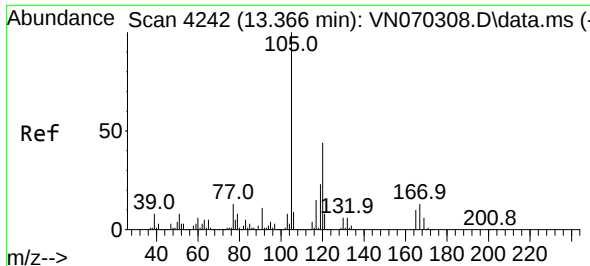
Tgt Ion: 91 Resp: 792979
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#



#83
tert-Butylbenzene
Concen: 111.204 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.048 min
Lab File: VN070630.D
Acq: 14 Jan 2022 18:12

Tgt Ion: 119 Resp: 4285717
Ion Ratio Lower Upper
119 100
91 91.0 31.5 94.5
134 0.0 12.4 37.4#

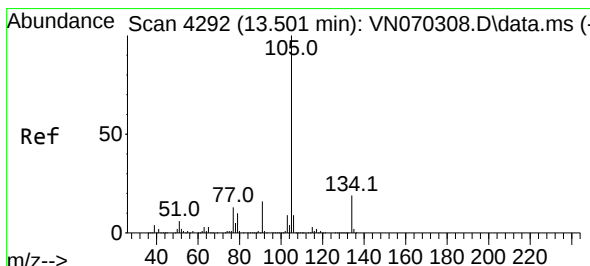
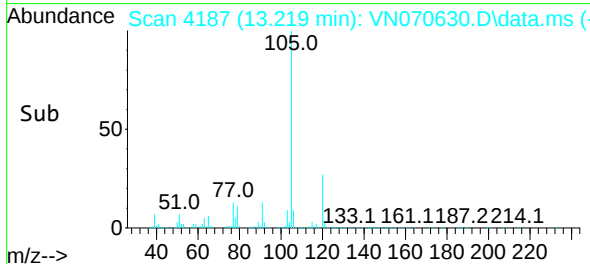
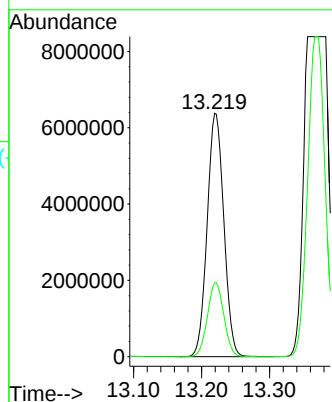
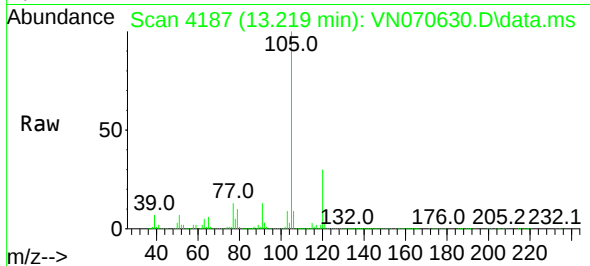




#84
1,2,4-Trimethylbenzene
Concen: 257.142 ug/l
RT: 13.219 min Scan# 4187
Delta R.T. -0.147 min
Lab File: VN070630.D
Acq: 14 Jan 2022 18:12

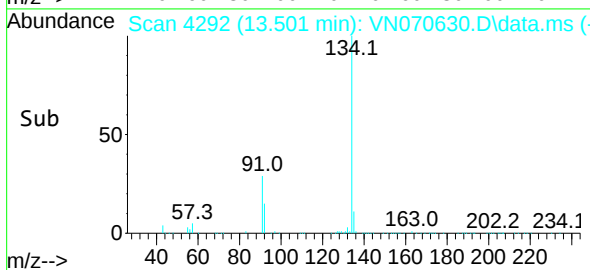
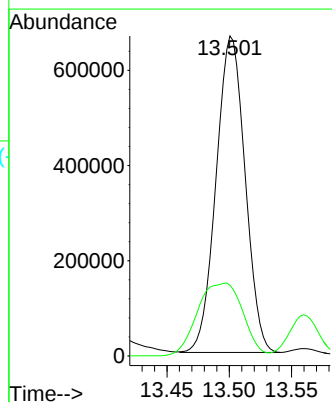
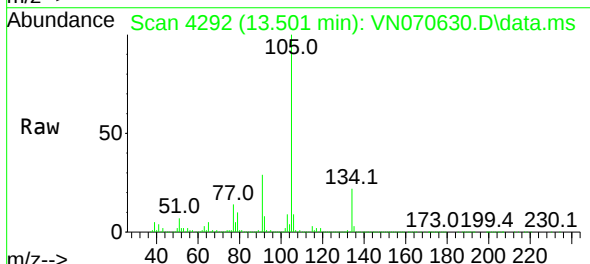
Instrument :
MSVOA_N
ClientSampleId :

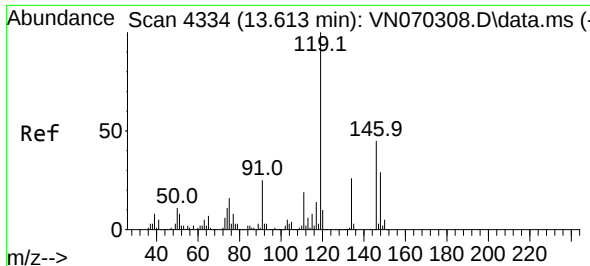
Tgt Ion:105 Resp:10837377
Ion Ratio Lower Upper
105 100
120 30.0 22.8 68.4



#85
sec-Butylbenzene
Concen: 20.571 ug/l
RT: 13.501 min Scan# 4292
Delta R.T. -0.000 min
Lab File: VN070630.D
Acq: 14 Jan 2022 18:12

Tgt Ion:105 Resp: 1076344
Ion Ratio Lower Upper
105 100
134 35.9 10.4 31.1#

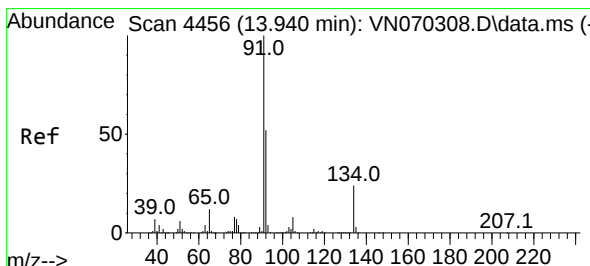
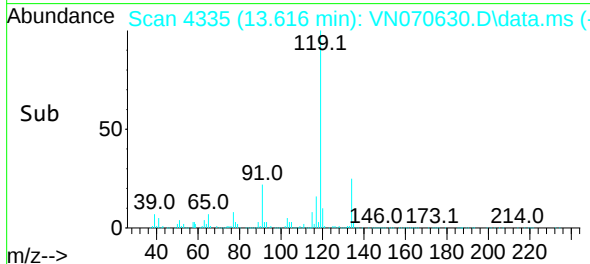
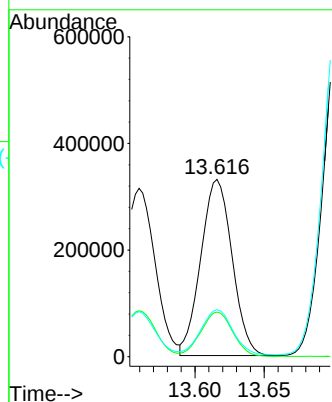
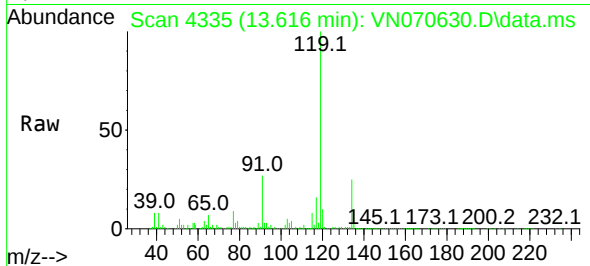




#86
 p-Isopropyltoluene
 Concen: 12.655 ug/l
 RT: 13.616 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN070630.D
 Acq: 14 Jan 2022 18:12

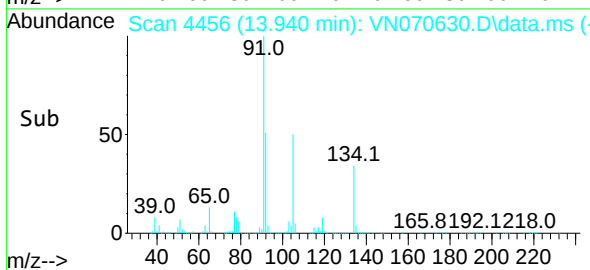
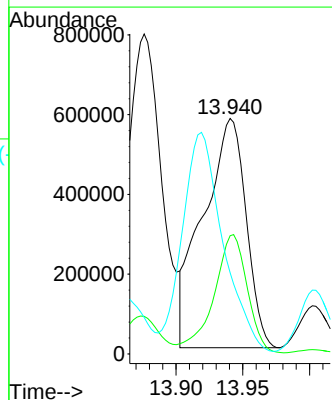
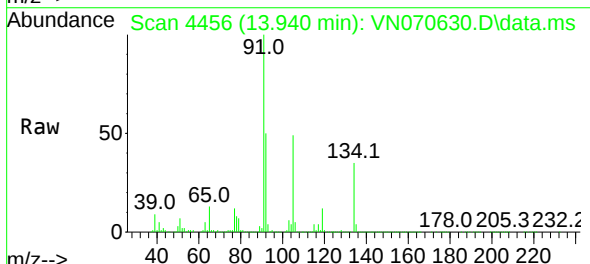
Instrument :
 MSVOA_N
 ClientSampleId :

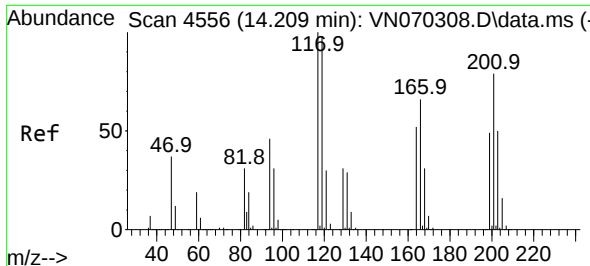
Tgt Ion:119 Resp: 520159
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.6 40.7
 91 25.7 11.4 34.1



#89
 n-Butylbenzene
 Concen: 37.521 ug/l
 RT: 13.940 min Scan# 4456
 Delta R.T. 0.000 min
 Lab File: VN070630.D
 Acq: 14 Jan 2022 18:12

Tgt Ion: 91 Resp: 1286353
 Ion Ratio Lower Upper
 91 100
 92 40.2 25.4 76.0
 134 0.0 13.6 40.8#

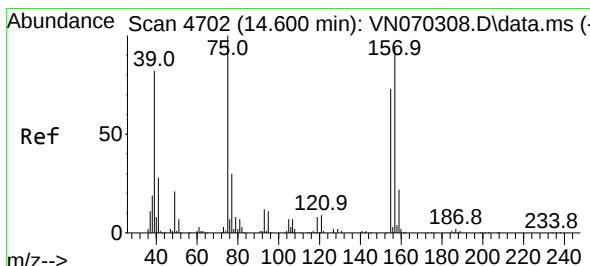
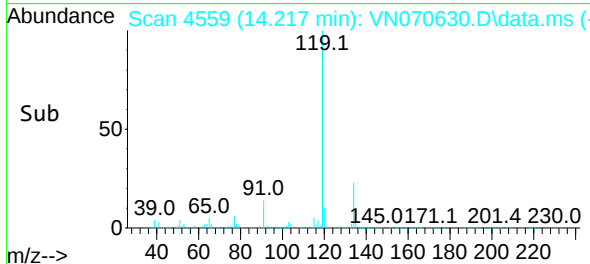
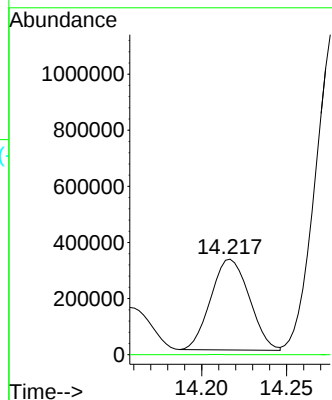
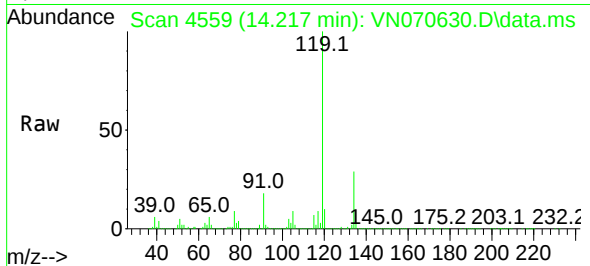




#90
Hexachloroethane
Concen: 71.590 ug/l
RT: 14.217 min Scan# 411
Delta R.T. 0.008 min
Lab File: VN070630.D
Acq: 14 Jan 2022 18:12

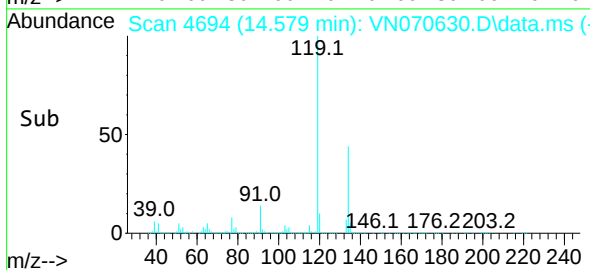
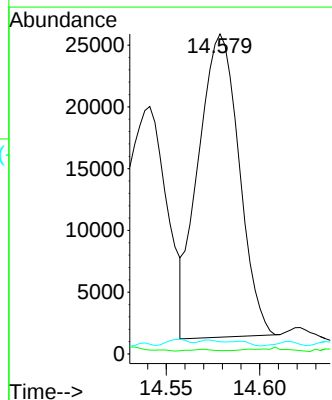
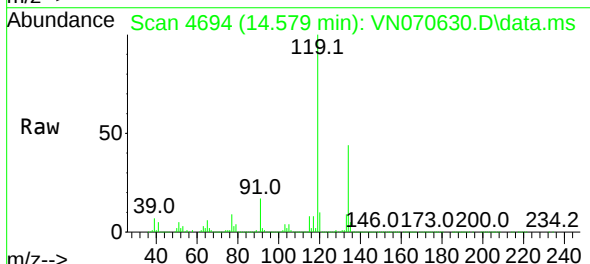
Instrument :
MSVOA_N
ClientSampleId :

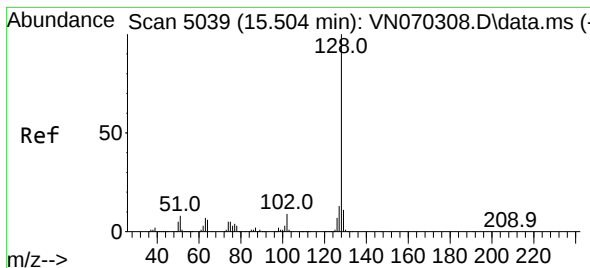
Tgt Ion:117 Resp: 511181
Ion Ratio Lower Upper
117 100
201 0.1 43.9 131.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 11.766 ug/l
RT: 14.579 min Scan# 4694
Delta R.T. -0.021 min
Lab File: VN070630.D
Acq: 14 Jan 2022 18:12

Tgt Ion: 75 Resp: 37228
Ion Ratio Lower Upper
75 100
155 0.3 46.9 140.7#
157 0.4 60.6 181.7#





#95

Naphthalene

Concen: 58.507 ug/l

RT: 15.507 min Scan# 5039

Delta R.T. 0.003 min

Lab File: VN070630.D

Acq: 14 Jan 2022 18:12

Instrument :

MSVOA_N

ClientSampleId :

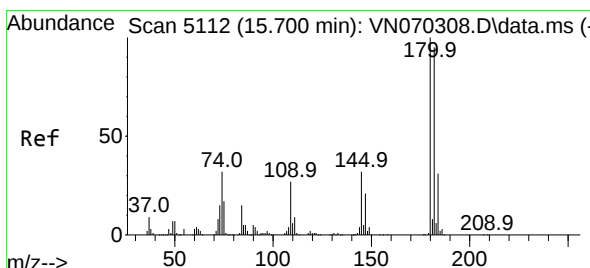
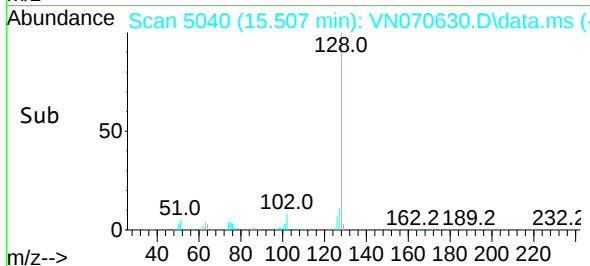
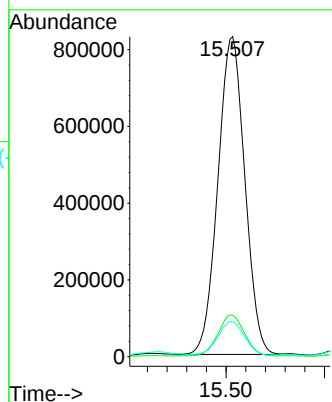
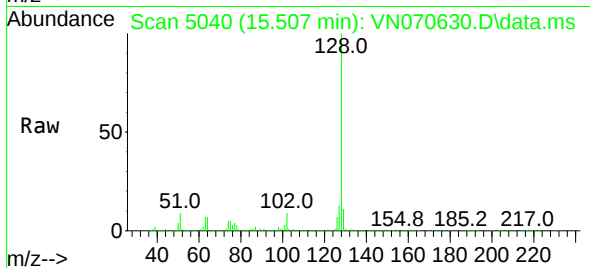
Tgt Ion:128 Resp: 1576326

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 10.4 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.850 ug/l

RT: 15.705 min Scan# 5114

Delta R.T. 0.005 min

Lab File: VN070630.D

Acq: 14 Jan 2022 18:12

Tgt Ion:180 Resp: 227

Ion Ratio Lower Upper

180 100

182 475.8 47.4 142.2#

145 0.0 15.0 45.1#

