

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012122\
 Data File : VN070740.D
 Acq On : 21 Jan 2022 18:57
 Operator : JC/MD
 Sample : N1218-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 22 05:30:41 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)

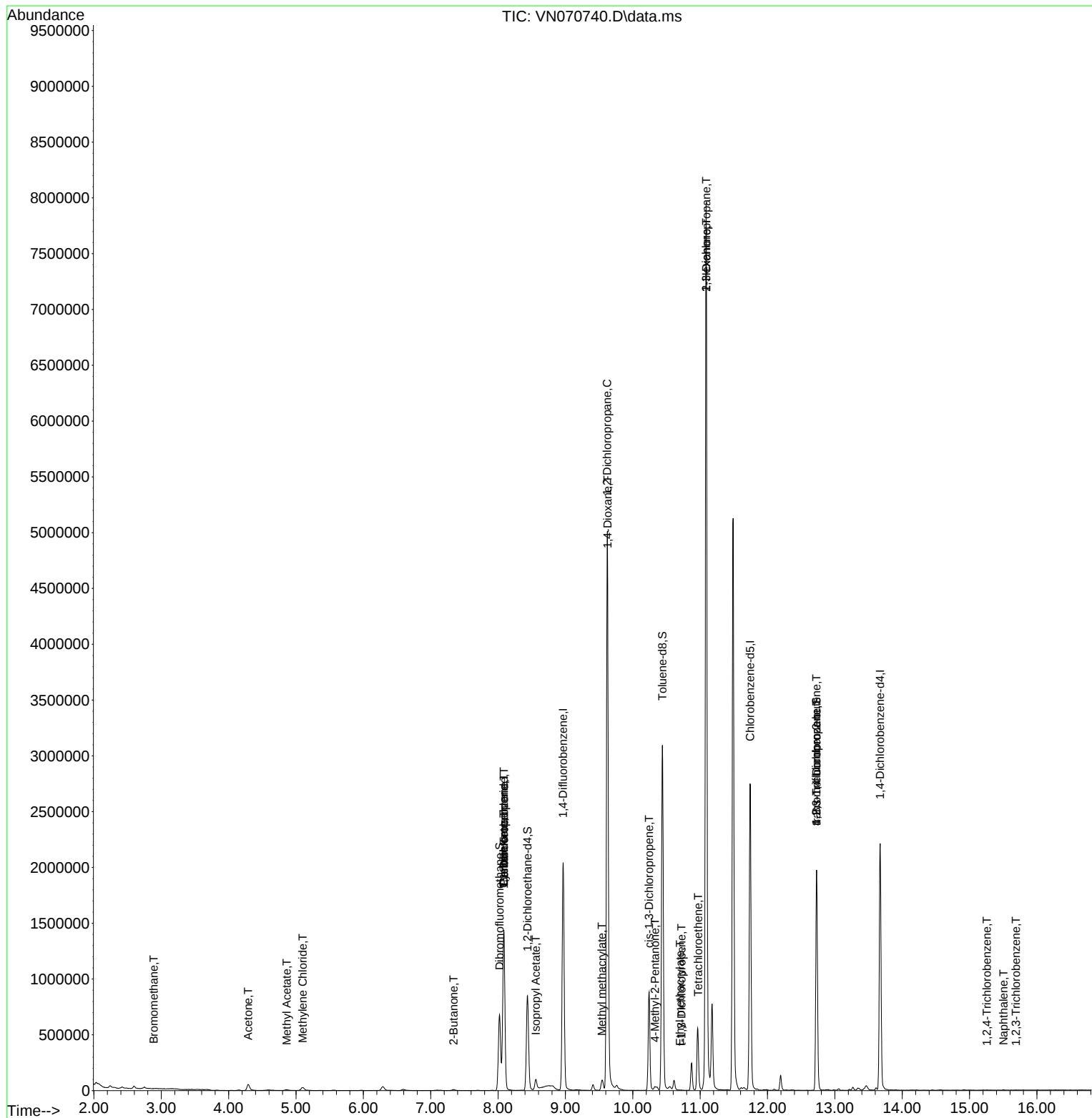
Internal Standards						
1) Pentafluorobenzene	8.086	168	1082285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1740086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1575799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	606111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	735799	47.438	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.880%
35) Dibromofluoromethane	8.021	113	506057	46.884	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.760%
50) Toluene-d8	10.440	98	2176562	47.867	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.740%
62) 4-Bromofluorobenzene	12.728	95	738617	45.584	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.160%
Target Compounds						
					Qvalue	
5) Bromomethane	2.888	94	1848	0.204	ug/l #	79
16) Acetone	4.291	43	100364	9.323	ug/l	95
18) Methyl Acetate	4.864	43	14935	0.705	ug/l #	72
20) Methylene Chloride	5.100	84	19782	1.395	ug/l #	88
25) 2-Butanone	7.340	43	15193	1.122	ug/l	94
30) Chloroform	8.094	83	30	Below Cal	#	18
31) Cyclohexane	8.083	56	24943	0.913	ug/l #	13
36) 1,1-Dichloropropene	8.088	75	90647	4.989	ug/l #	49
38) Carbon Tetrachloride	8.086	117	109691	6.786	ug/l #	16
43) Isopropyl Acetate	8.560	43	125040	3.393	ug/l #	84
45) 1,2-Dichloropropane	9.620	63	6157	0.402	ug/l #	44
48) Methyl methacrylate	9.542	41	27730	1.580	ug/l #	8
49) 1,4-Dioxane	9.628	88	667	2.530	ug/l #	1
51) 4-Methyl-2-Pentanone	10.328	43	14939	0.635	ug/l #	71
53) t-1,3-Dichloropropene	10.722	75	108	2.408	ug/l #	68
54) cis-1,3-Dichloropropene	10.242	75	152281	6.974	ug/l #	62
56) Ethyl methacrylate	10.700	69	441	2.318	ug/l #	24
57) 1,3-Dichloropropane	11.089	76	81284	3.470	ug/l #	43
59) 2-Hexanone	11.089	43	1363267	79.814	ug/l #	49
64) Tetrachloroethene	10.971	164	4219	0.365	ug/l #	85
76) 1,2,3-Trichloropropane	12.728	75	390683	24.303	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.728	75	390683	72.402	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.257	180	579	3.473	ug/l #	61
95) Naphthalene	15.504	128	3401	5.046	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.689	180	291	3.241	ug/l #	85

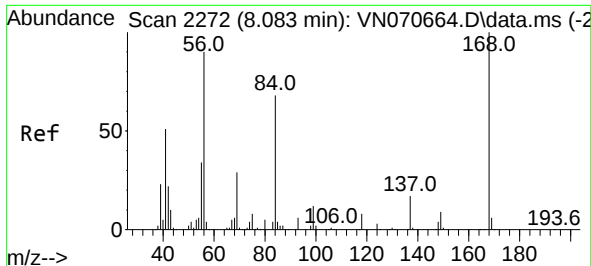
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012122\
Data File : VN070740.D
Acq On : 21 Jan 2022 18:57
Operator : JC/MD
Sample : N1218-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 22 05:30:41 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

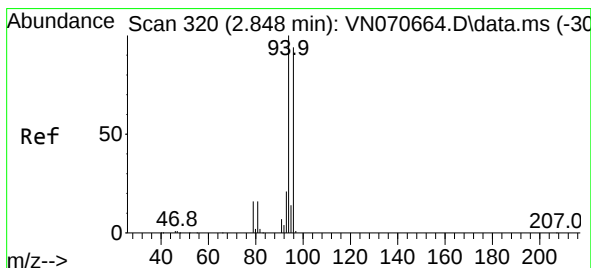
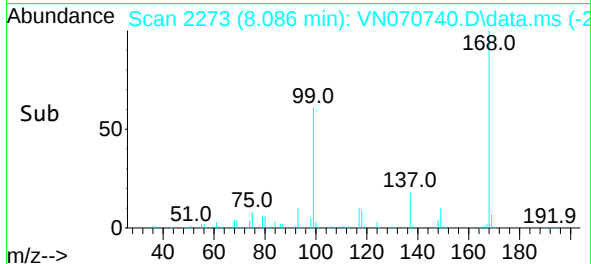
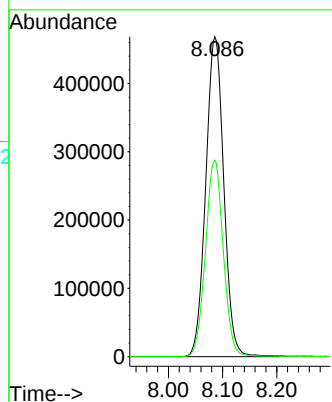
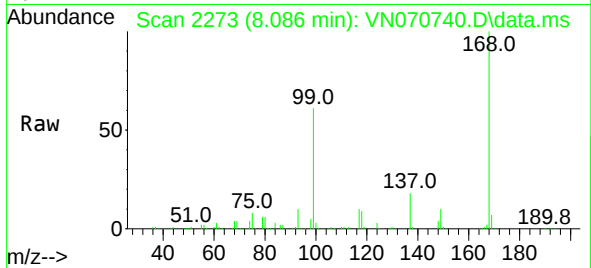




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070740.D
Acq: 21 Jan 2022 18:57

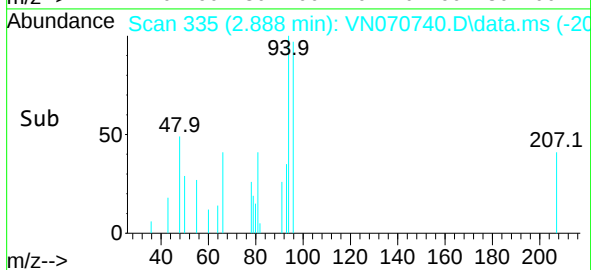
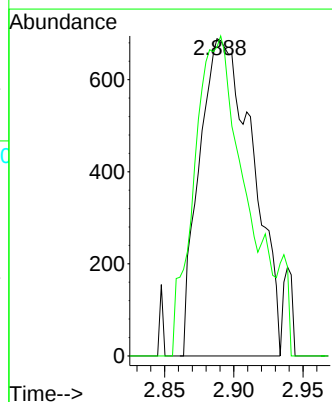
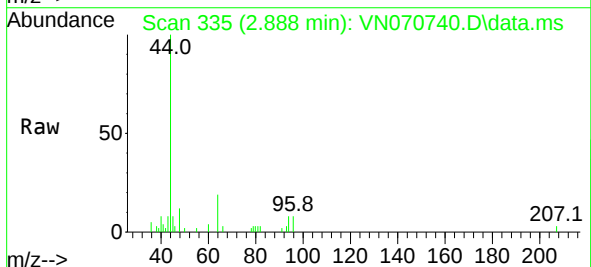
Instrument :
MSVOA_N
ClientSampleId :

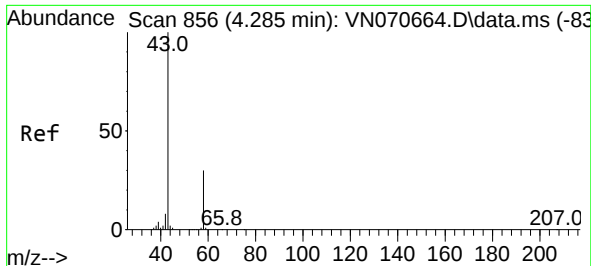
Tgt Ion:168 Resp: 1082285
Ion Ratio Lower Upper
168 100
99 61.4 41.3 61.9



#5
Bromomethane
Concen: 0.204 ug/l
RT: 2.888 min Scan# 335
Delta R.T. 0.040 min
Lab File: VN070740.D
Acq: 21 Jan 2022 18:57

Tgt Ion: 94 Resp: 1848
Ion Ratio Lower Upper
94 100
96 72.6 73.8 110.8#

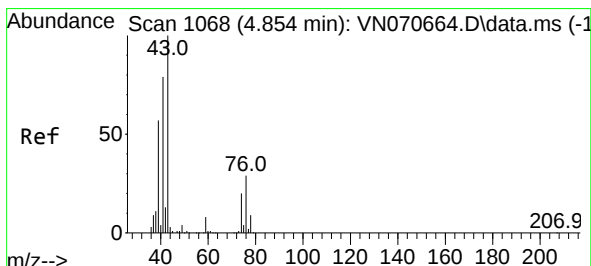
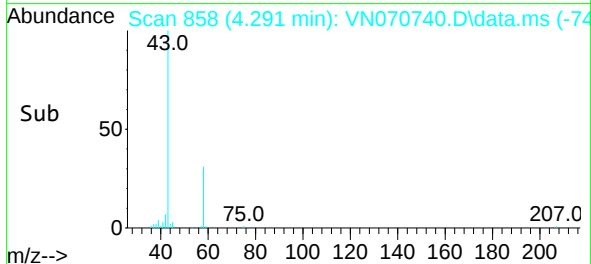
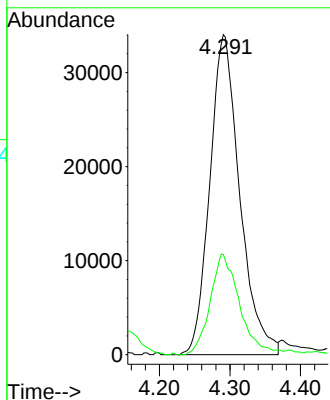
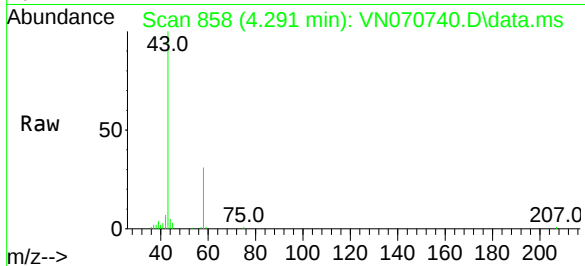




#16
Acetone
Concen: 9.323 ug/l
RT: 4.291 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN070740.D
Acq: 21 Jan 2022 18:57

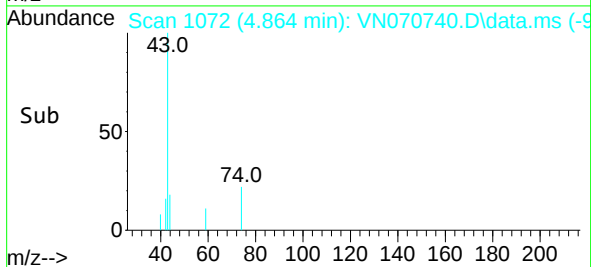
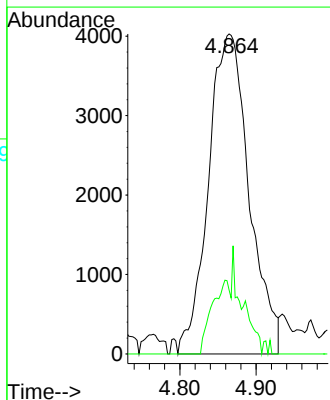
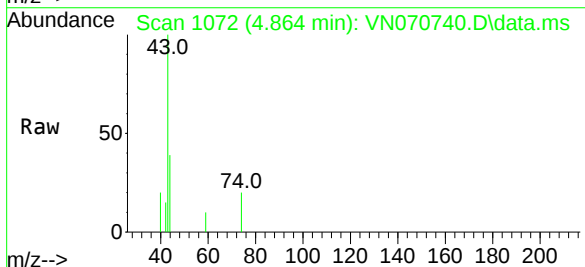
Instrument :
MSVOA_N
ClientSampleId :

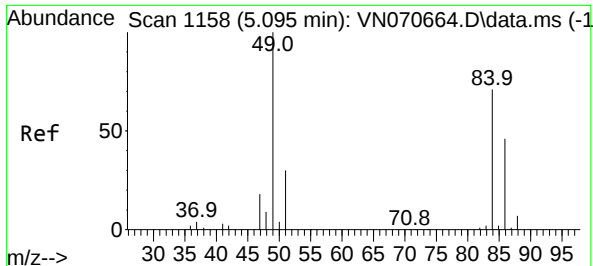
Tgt Ion: 43 Resp: 100364
Ion Ratio Lower Upper
43 100
58 31.4 23.1 34.7



#18
Methyl Acetate
Concen: 0.705 ug/l
RT: 4.864 min Scan# 1072
Delta R.T. 0.010 min
Lab File: VN070740.D
Acq: 21 Jan 2022 18:57

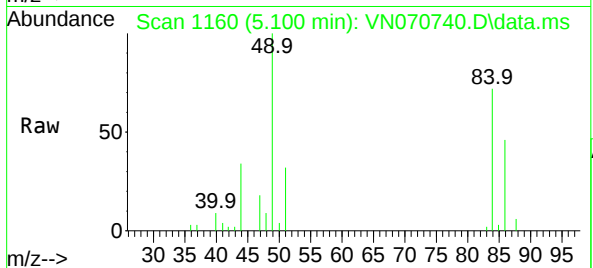
Tgt Ion: 43 Resp: 14935
Ion Ratio Lower Upper
43 100
74 10.4 19.4 29.2#





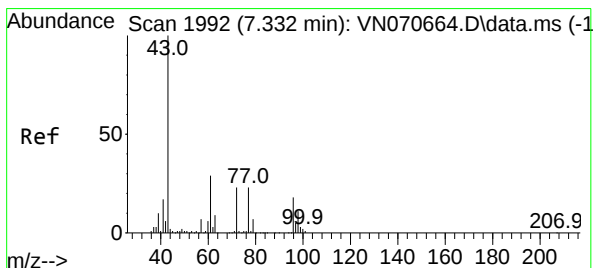
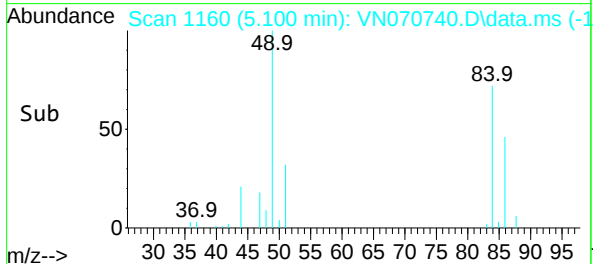
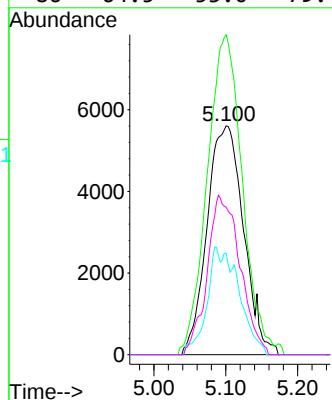
#20
Methylene Chloride
Concen: 1.395 ug/l
RT: 5.100 min Scan# 1158
Delta R.T. 0.005 min
Lab File: VN070740.D
Acq: 21 Jan 2022 18:57

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 19782

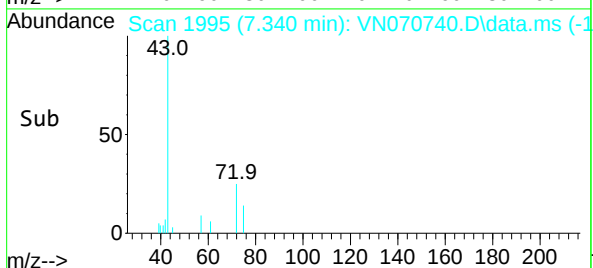
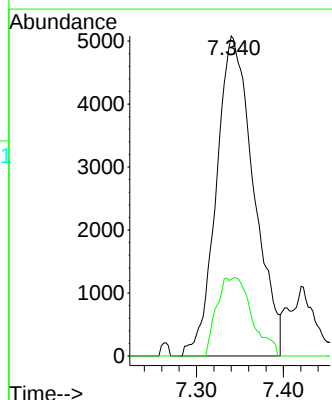
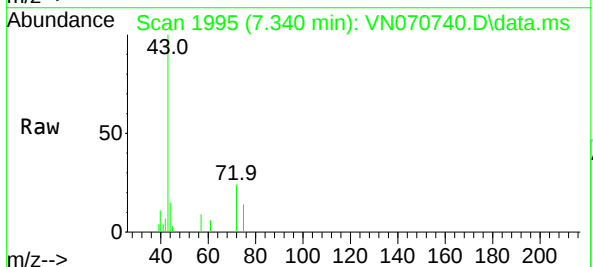
Ion	Ratio	Lower	Upper
84	100		
49	136.9	93.5	140.3
51	44.4	29.4	44.2#
86	64.5	53.0	79.4

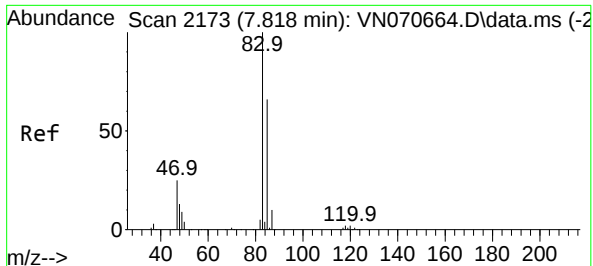


#25
2-Butanone
Concen: 1.122 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. 0.008 min
Lab File: VN070740.D
Acq: 21 Jan 2022 18:57

Tgt Ion: 43 Resp: 15193

Ion	Ratio	Lower	Upper
43	100		
72	23.9	21.7	32.5





#30

Chloroform

Concen: Below Cal

RT: 8.094 min Scan# 21

Delta R.T. 0.276 min

Lab File: VN070740.D

Acq: 21 Jan 2022 18:57

Instrument :

MSVOA_N

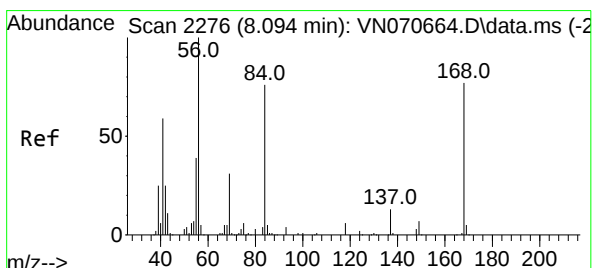
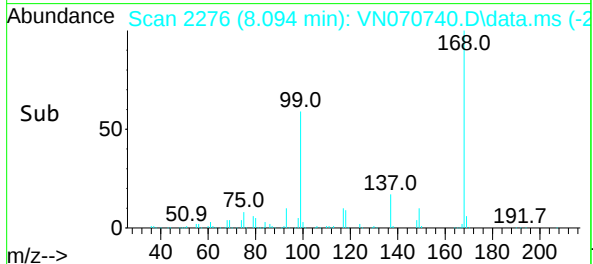
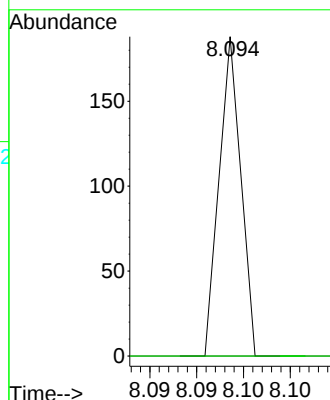
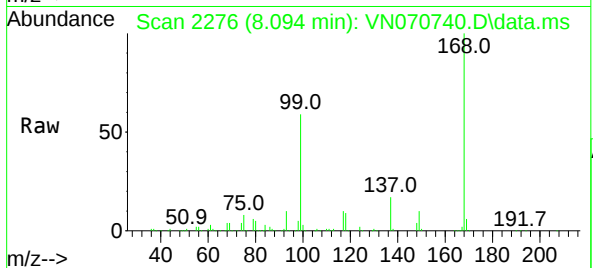
ClientSampleId :

Tgt Ion: 83 Resp: 30

Ion Ratio Lower Upper

83 100

85 0.0 51.9 77.9#



#31

Cyclohexane

Concen: 0.913 ug/l

RT: 8.083 min Scan# 2272

Delta R.T. -0.011 min

Lab File: VN070740.D

Acq: 21 Jan 2022 18:57

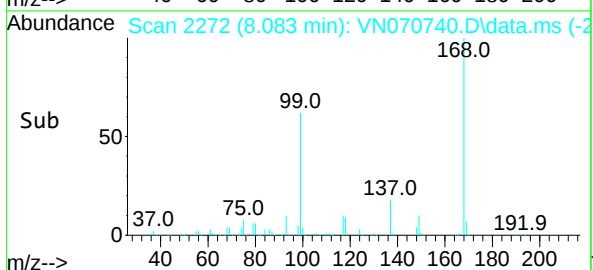
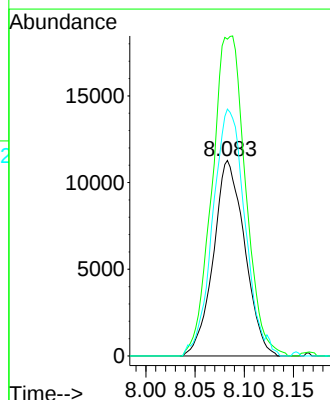
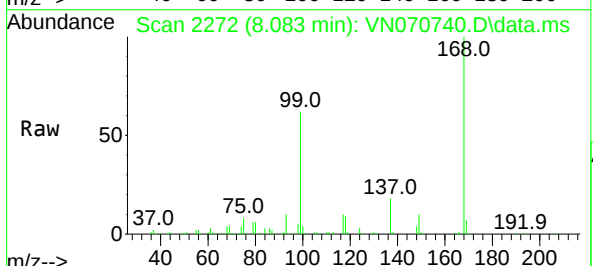
Tgt Ion: 56 Resp: 24943

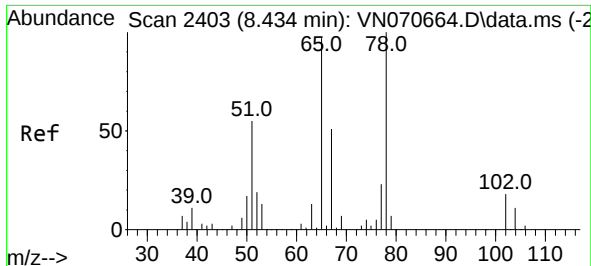
Ion Ratio Lower Upper

56 100

69 162.1 27.1 40.7#

84 126.3 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 47.438 ug/l

RT: 8.437 min Scan# 2403

Delta R.T. 0.003 min

Lab File: VN070740.D

Acq: 21 Jan 2022 18:57

Instrument :

MSVOA_N

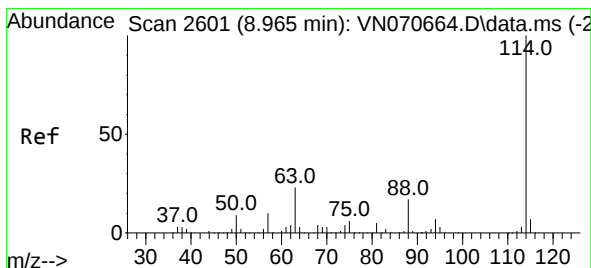
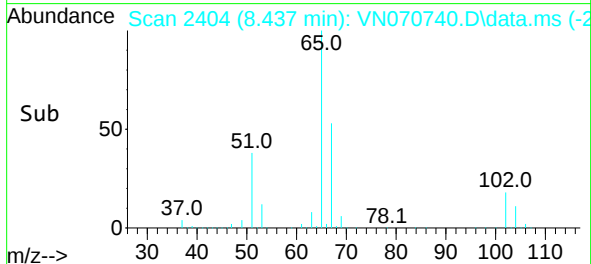
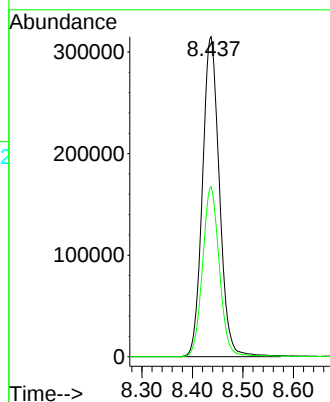
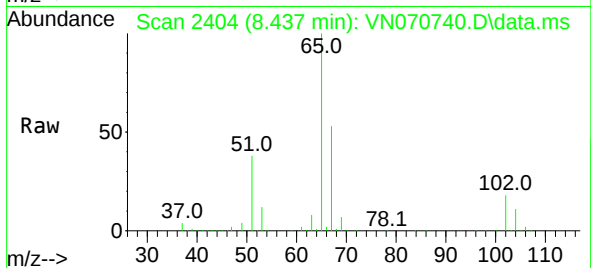
ClientSampleId :

Tgt Ion: 65 Resp: 735799

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. 0.000 min

Lab File: VN070740.D

Acq: 21 Jan 2022 18:57

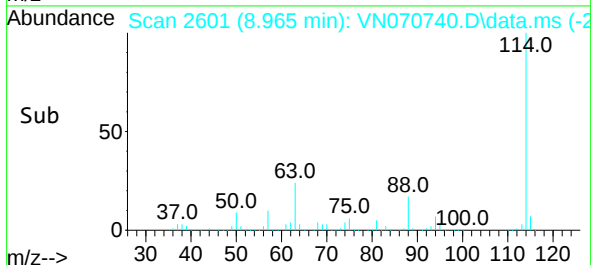
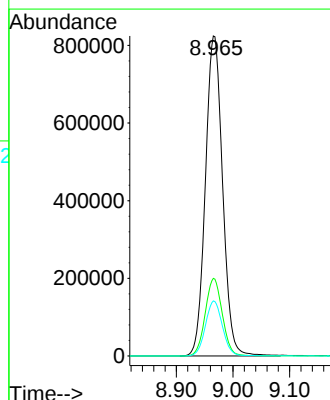
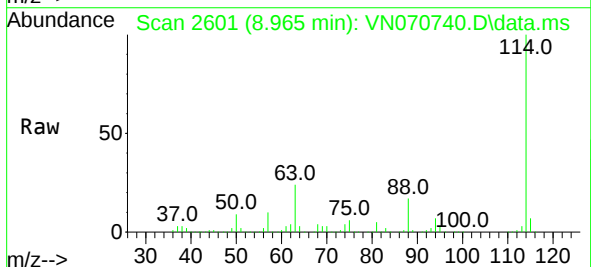
Tgt Ion: 114 Resp: 1740086

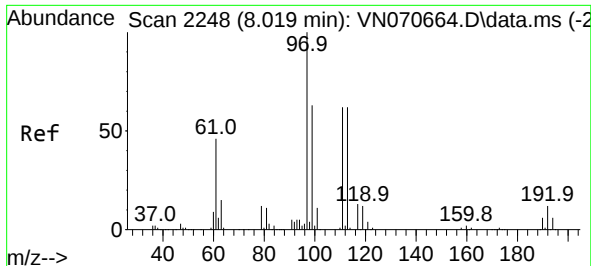
Ion Ratio Lower Upper

114 100

63 24.2 0.0 37.8

88 17.2 0.0 27.4

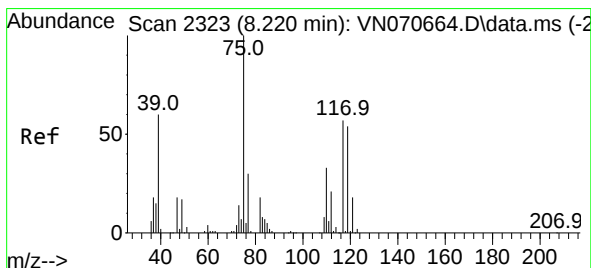
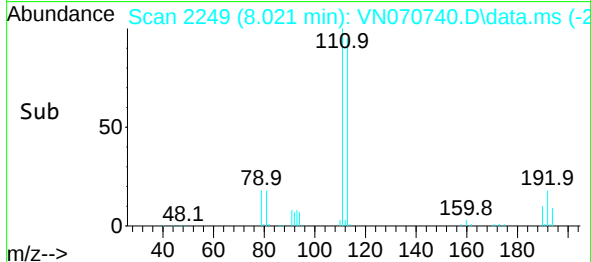
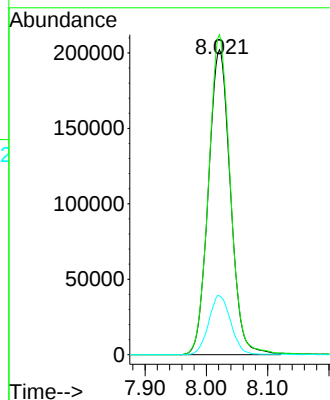
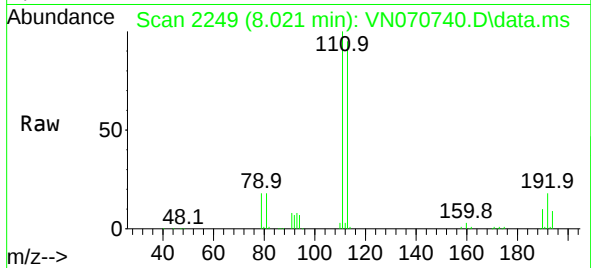




#35
Dibromofluoromethane
Concen: 46.884 ug/l
RT: 8.021 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070740.D
Acq: 21 Jan 2022 18:57

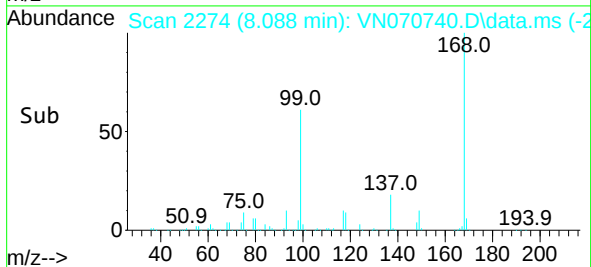
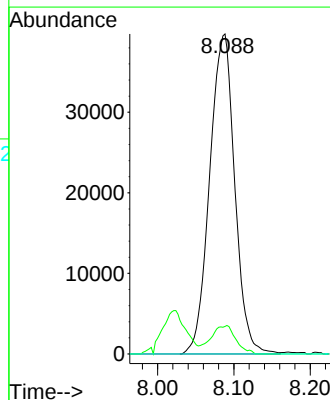
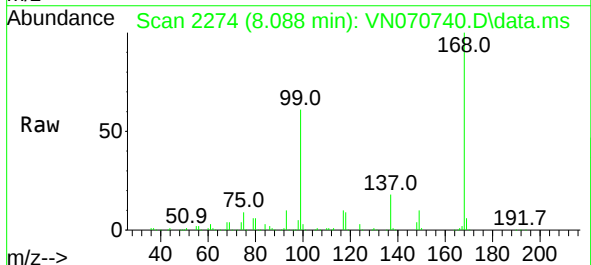
Instrument :
MSVOA_N
ClientSampleId :

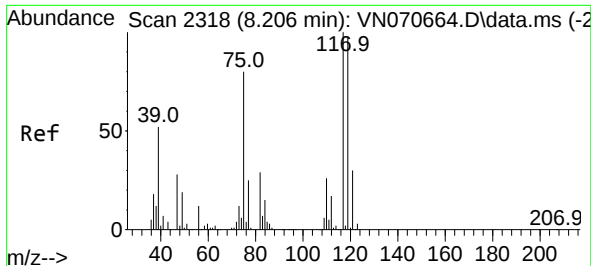
Tgt Ion:113 Resp: 506057
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.989 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.132 min
Lab File: VN070740.D
Acq: 21 Jan 2022 18:57

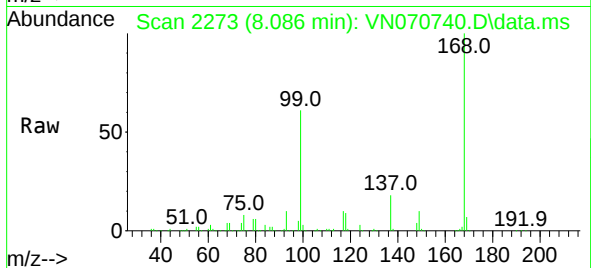
Tgt Ion: 75 Resp: 90647
Ion Ratio Lower Upper
75 100
110 8.7 18.4 55.2#
77 0.0 24.4 36.6#



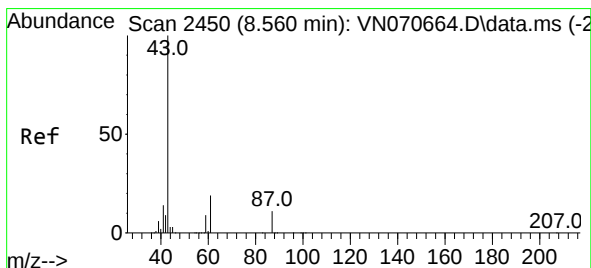
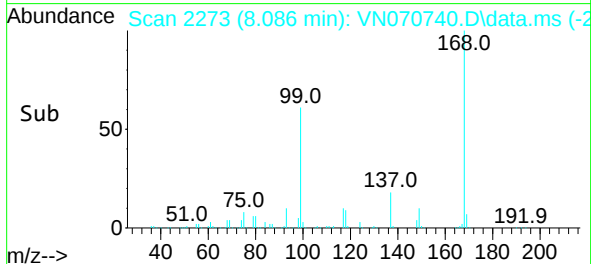
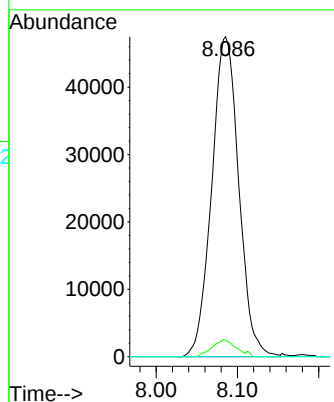


#38
Carbon Tetrachloride
Concen: 6.786 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.120 min
Lab File: VN070740.D
Acq: 21 Jan 2022 18:57

Instrument :
MSVOA_N
ClientSampleId :

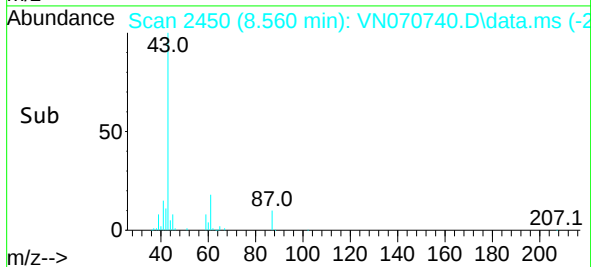
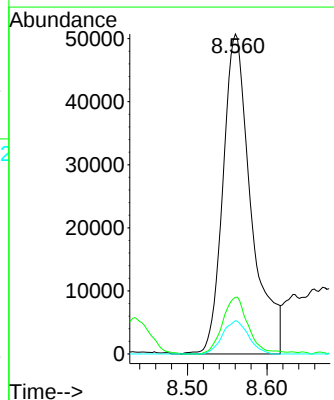
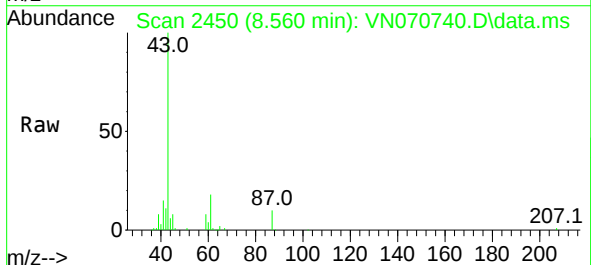


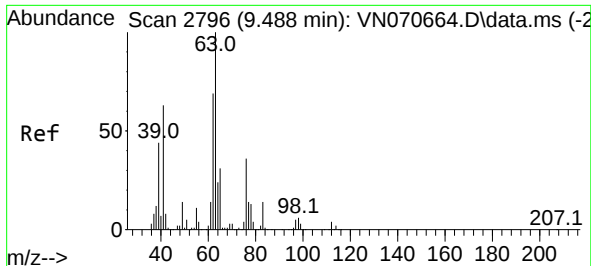
Tgt Ion:117 Resp: 109691
Ion Ratio Lower Upper
117 100
119 5.1 76.1 114.1#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 3.393 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070740.D
Acq: 21 Jan 2022 18:57

Tgt Ion: 43 Resp: 125040
Ion Ratio Lower Upper
43 100
61 16.2 20.4 30.6#
87 9.5 11.2 16.8#





#45

1,2-Dichloropropane

Concen: 0.402 ug/l

RT: 9.620 min Scan# 21

Delta R.T. 0.132 min

Lab File: VN070740.D

Acq: 21 Jan 2022 18:57

Instrument :

MSVOA_N

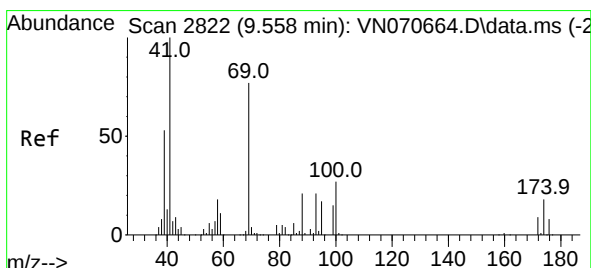
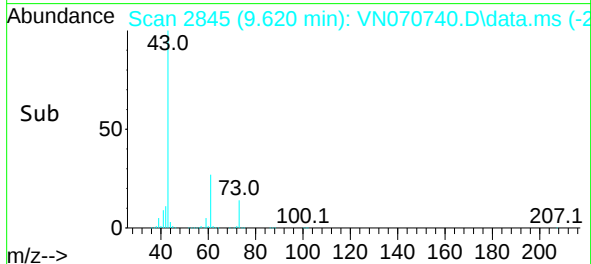
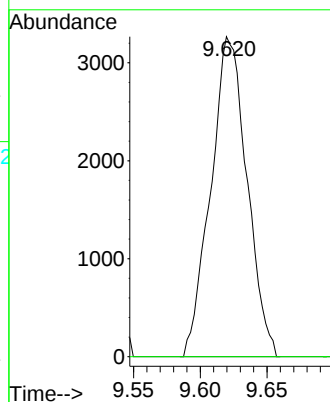
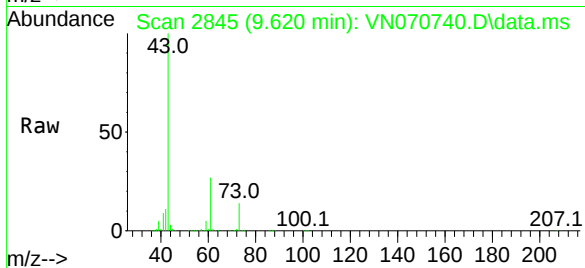
ClientSampleId :

Tgt Ion: 63 Resp: 6157

Ion Ratio Lower Upper

63 100

65 0.0 24.7 37.1#



#48

Methyl methacrylate

Concen: 1.580 ug/l

RT: 9.542 min Scan# 2816

Delta R.T. -0.016 min

Lab File: VN070740.D

Acq: 21 Jan 2022 18:57

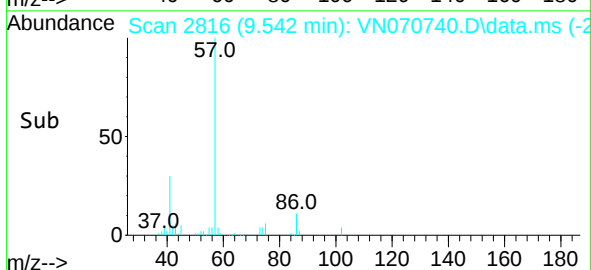
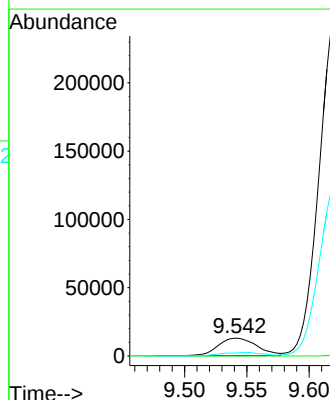
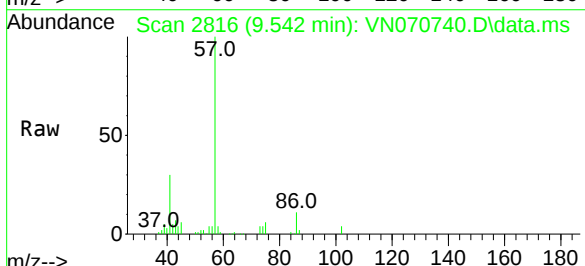
Tgt Ion: 41 Resp: 27730

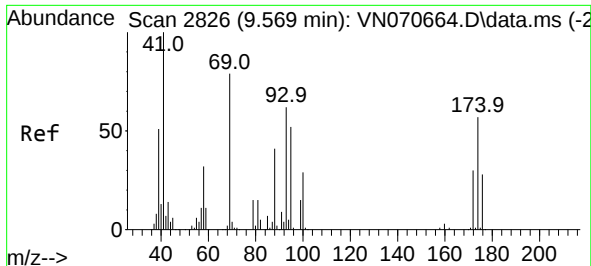
Ion Ratio Lower Upper

41 100

69 0.0 72.4 108.6#

39 0.0 58.4 87.6#





#49

1,4-Dioxane

Concen: 2.530 ug/l

RT: 9.628 min Scan# 21

Delta R.T. 0.059 min

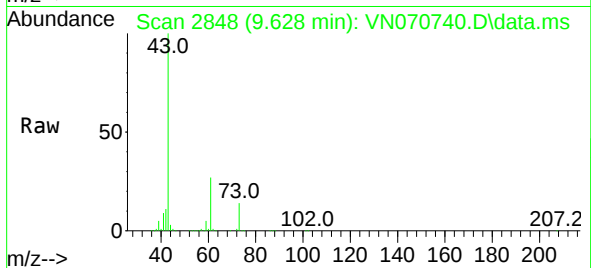
Lab File: VN070740.D

Acq: 21 Jan 2022 18:57

Instrument :

MSVOA_N

ClientSampleId :



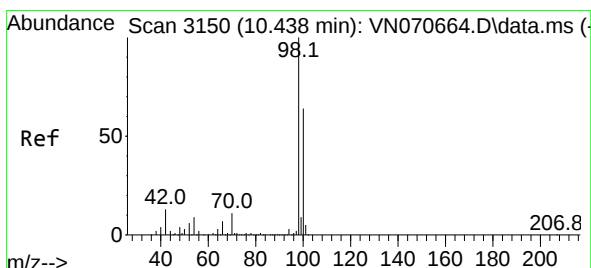
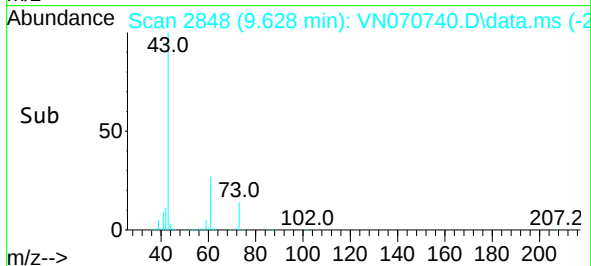
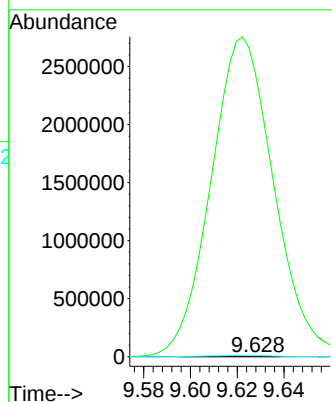
Tgt Ion: 88 Resp: 667

Ion Ratio Lower Upper

88 100

43 790427.1 23.4 35.2#

58 3039.3 50.6 75.8#



#50

Toluene-d8

Concen: 47.867 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. 0.002 min

Lab File: VN070740.D

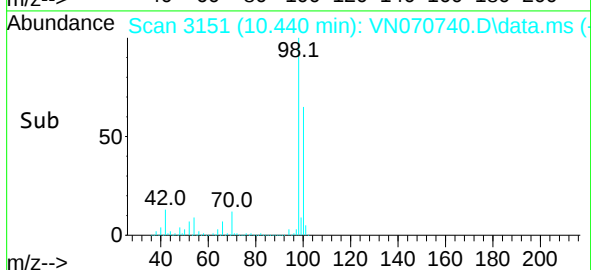
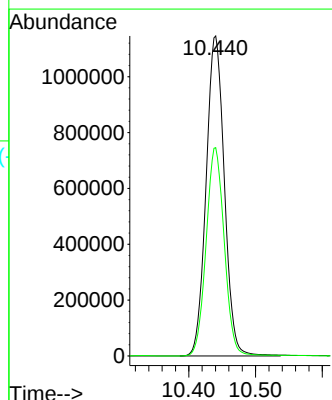
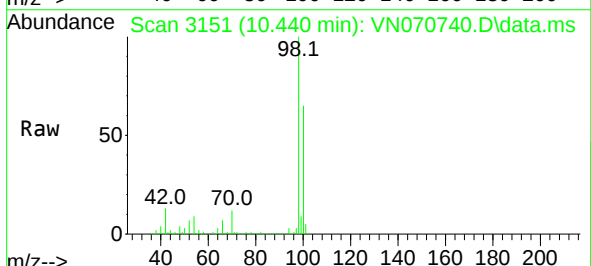
Acq: 21 Jan 2022 18:57

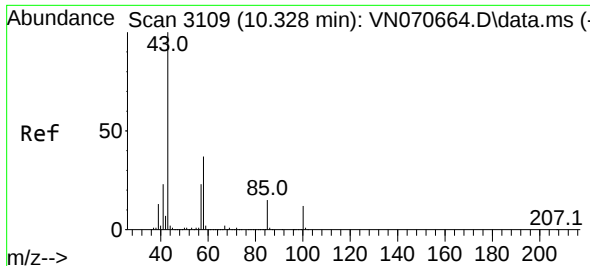
Tgt Ion: 98 Resp: 2176562

Ion Ratio Lower Upper

98 100

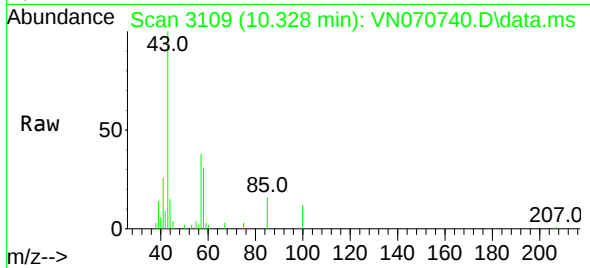
100 64.9 50.4 75.6



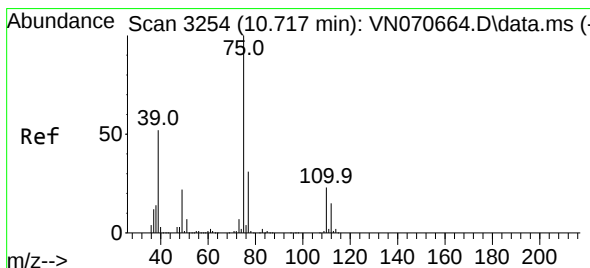
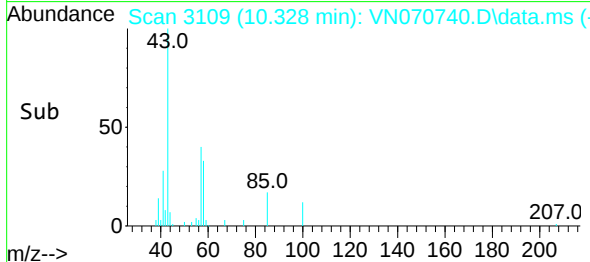
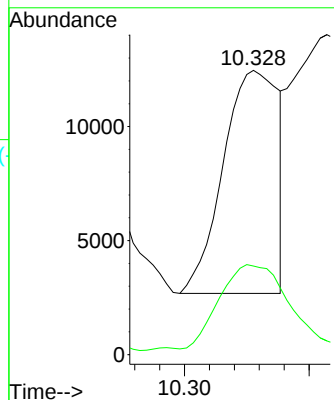


#51
4-Methyl-2-Pentanone
Concen: 0.635 ug/l
RT: 10.328 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN070740.D
Acq: 21 Jan 2022 18:57

Instrument :
MSVOA_N
ClientSampleId :

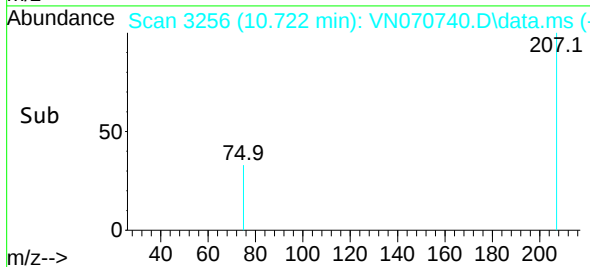
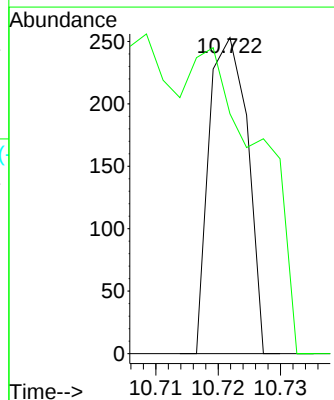
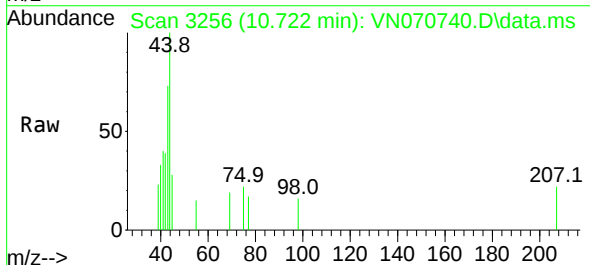


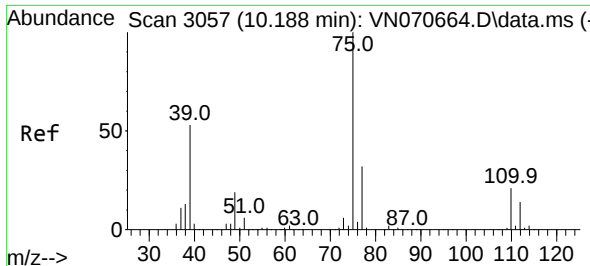
Tgt Ion: 43 Resp: 14939
Ion Ratio Lower Upper
43 100
58 55.4 30.4 45.6#



#53
t-1,3-Dichloropropene
Concen: 2.408 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.005 min
Lab File: VN070740.D
Acq: 21 Jan 2022 18:57

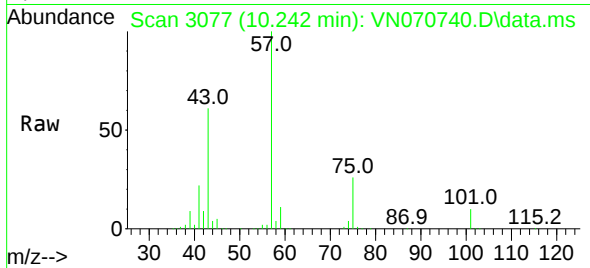
Tgt Ion: 75 Resp: 108
Ion Ratio Lower Upper
75 100
77 14.2 25.6 38.4#



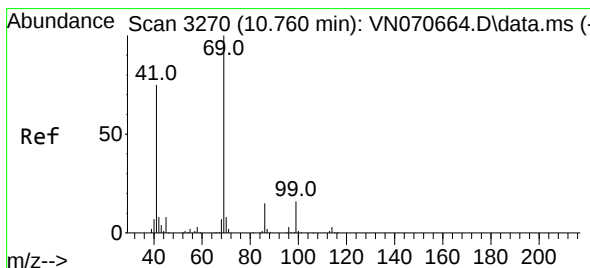
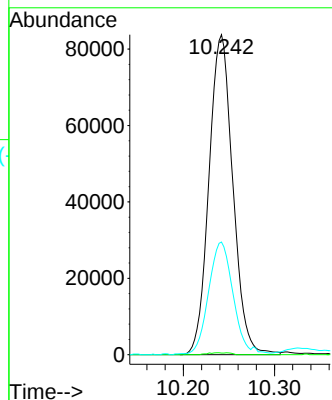
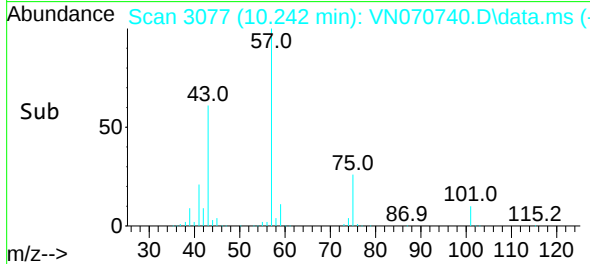


#54
 cis-1,3-Dichloropropene
 Concen: 6.974 ug/l
 RT: 10.242 min Scan# 3057
 Delta R.T. 0.054 min
 Lab File: VN070740.D
 Acq: 21 Jan 2022 18:57

Instrument :
 MSVOA_N
 ClientSampleId :

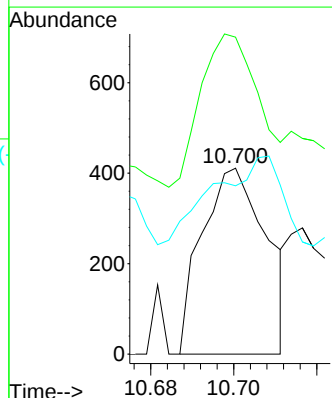
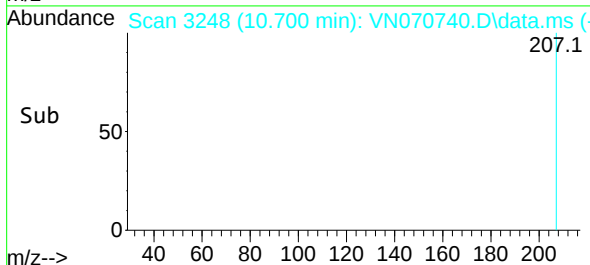
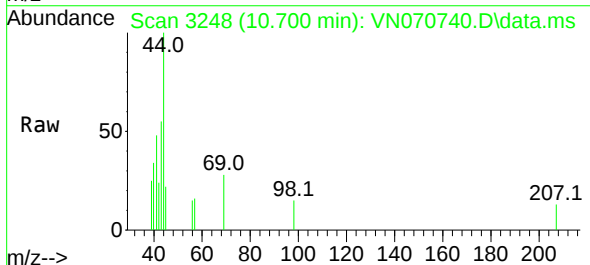


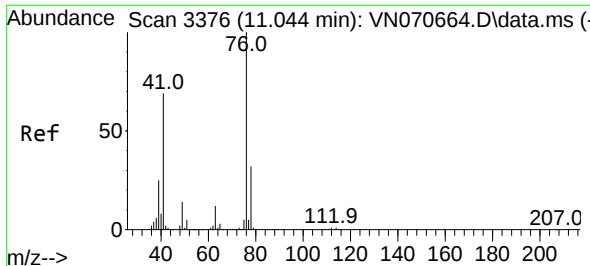
Tgt Ion: 75 Resp: 152281
 Ion Ratio Lower Upper
 75 100
 77 0.5 26.4 39.6#
 39 34.9 42.5 63.7#



#56
 Ethyl methacrylate
 Concen: 2.318 ug/l
 RT: 10.700 min Scan# 3248
 Delta R.T. -0.060 min
 Lab File: VN070740.D
 Acq: 21 Jan 2022 18:57

Tgt Ion: 69 Resp: 441
 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: 3.470 ug/l

RT: 11.089 min Scan# 31

Delta R.T. 0.045 min

Lab File: VN070740.D

Acq: 21 Jan 2022 18:57

Instrument :

MSVOA_N

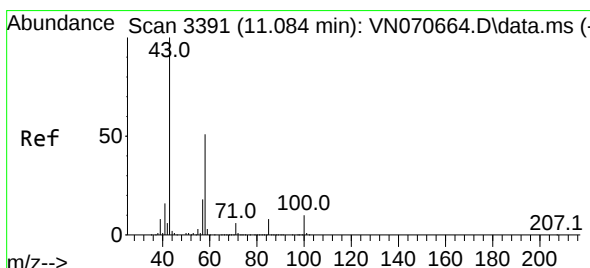
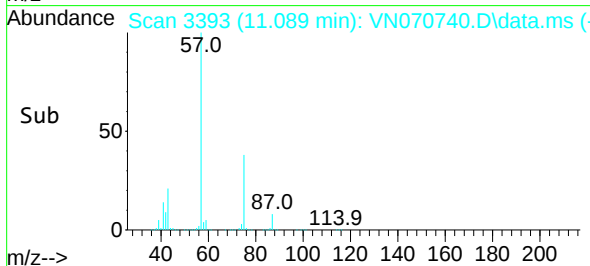
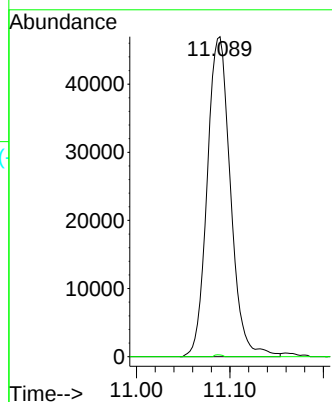
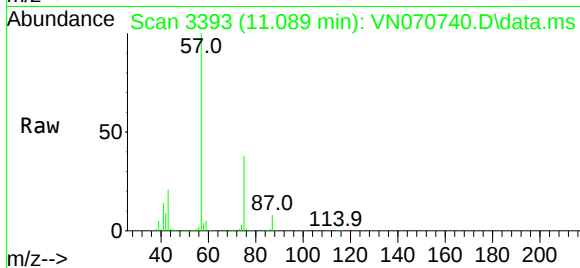
ClientSampleId :

Tgt Ion: 76 Resp: 81284

Ion Ratio Lower Upper

76 100

78 0.2 25.7 38.5#



#59

2-Hexanone

Concen: 79.814 ug/l

RT: 11.089 min Scan# 3393

Delta R.T. 0.005 min

Lab File: VN070740.D

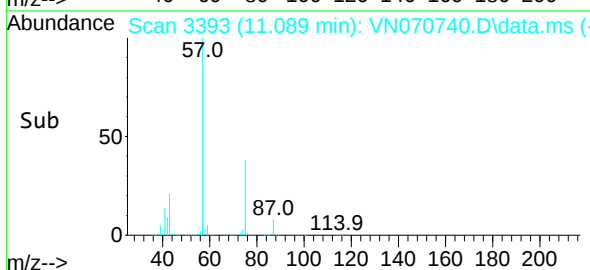
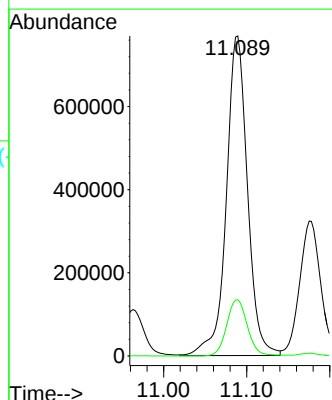
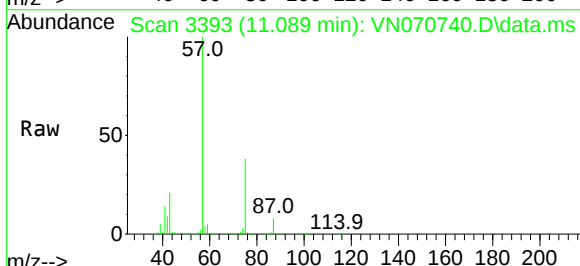
Acq: 21 Jan 2022 18:57

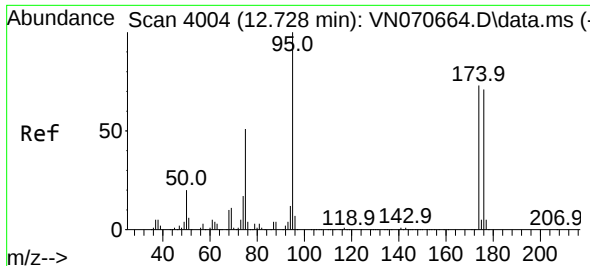
Tgt Ion: 43 Resp: 1363267

Ion Ratio Lower Upper

43 100

58 17.3 26.9 80.7#

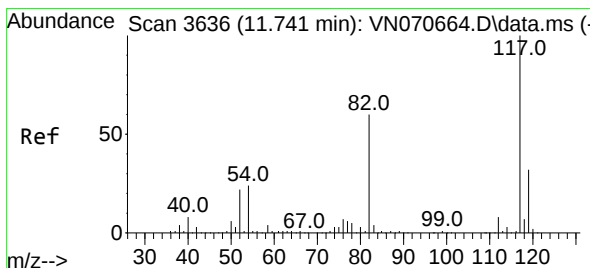
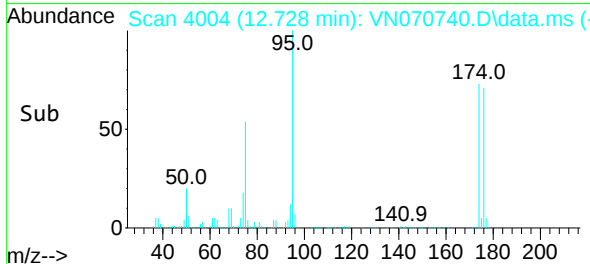
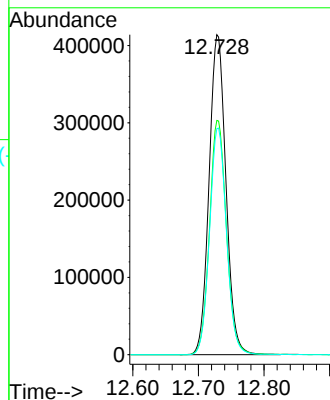
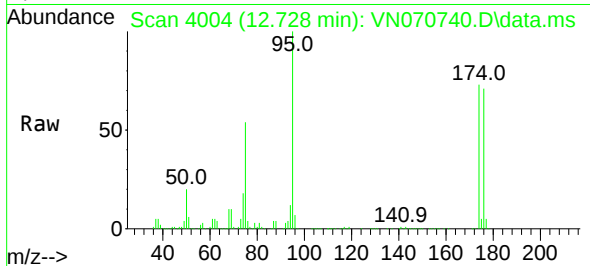




#62
4-Bromofluorobenzene
Concen: 45.584 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.000 min
Lab File: VN070740.D
Acq: 21 Jan 2022 18:57

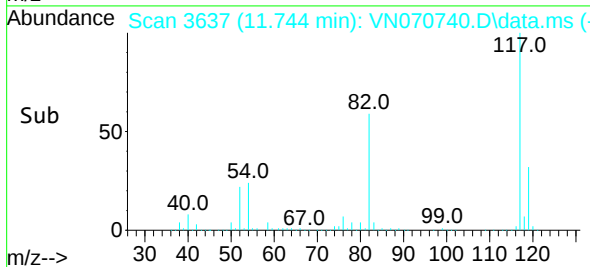
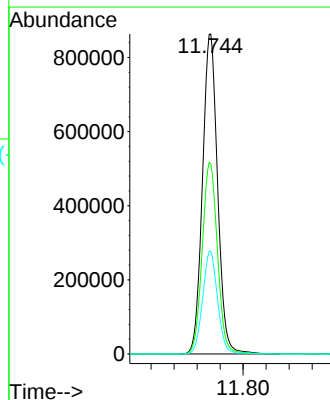
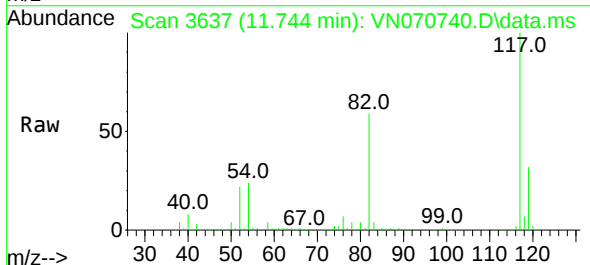
Instrument :
MSVOA_N
ClientSampleId :

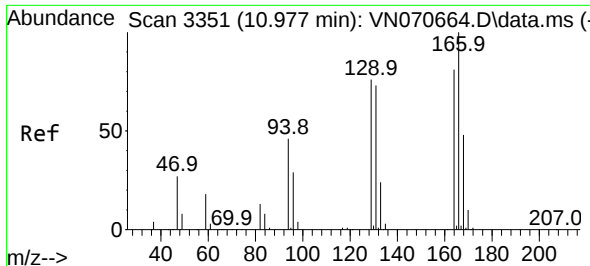
Tgt Ion: 95 Resp: 738617
Ion Ratio Lower Upper
95 100
174 73.5 0.0 187.2
176 70.8 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070740.D
Acq: 21 Jan 2022 18:57

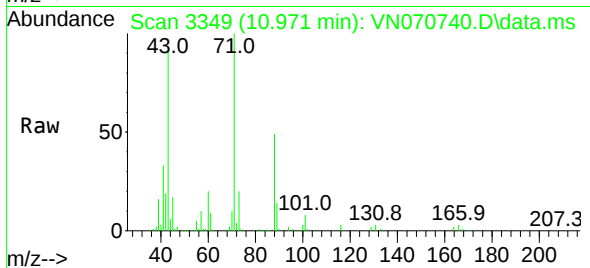
Tgt Ion: 117 Resp: 1575799
Ion Ratio Lower Upper
117 100
82 59.5 42.4 63.6
119 32.1 25.4 38.2



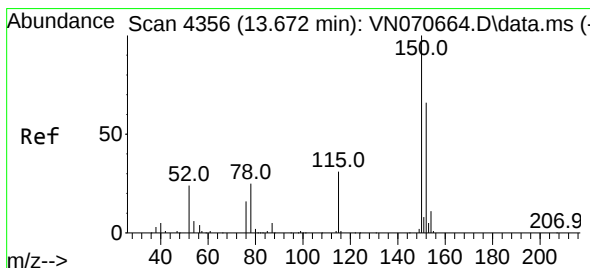
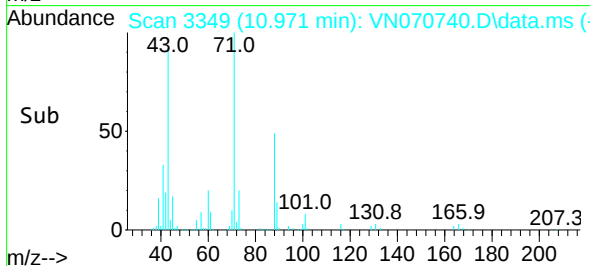
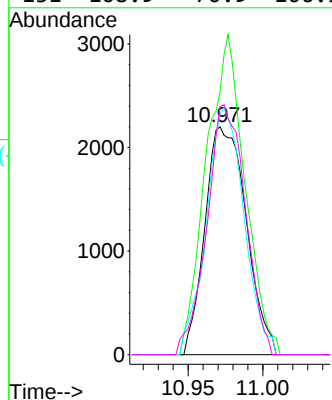


#64
Tetrachloroethene
Concen: 0.365 ug/l
RT: 10.971 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN070740.D
Acq: 21 Jan 2022 18:57

Instrument :
MSVOA_N
ClientSampleId :

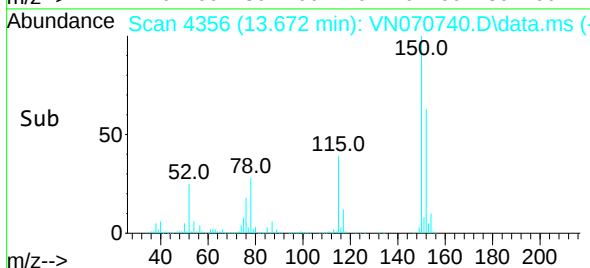
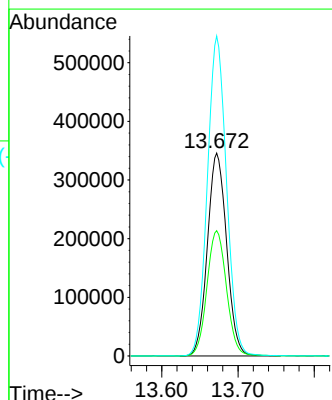
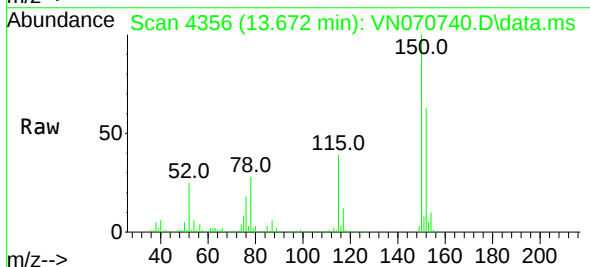


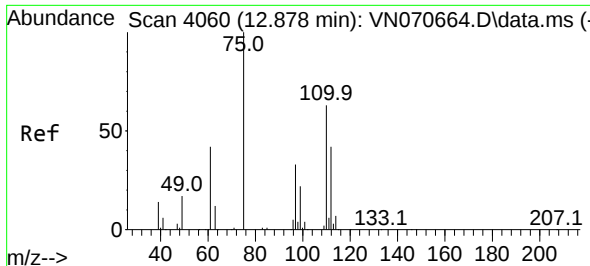
Tgt Ion:164 Resp: 4219
Ion Ratio Lower Upper
164 100
166 115.3 101.9 152.9
129 105.2 72.0 108.0
131 108.9 70.9 106.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070740.D
Acq: 21 Jan 2022 18:57

Tgt Ion:152 Resp: 606111
Ion Ratio Lower Upper
152 100
115 62.7 27.5 82.5
150 156.5 0.0 344.4

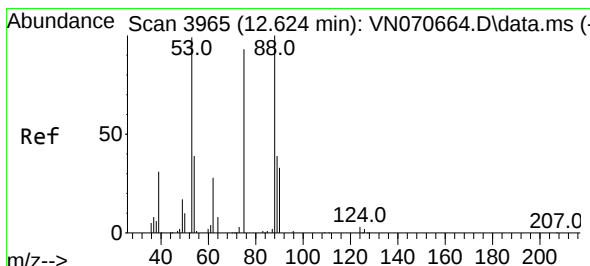
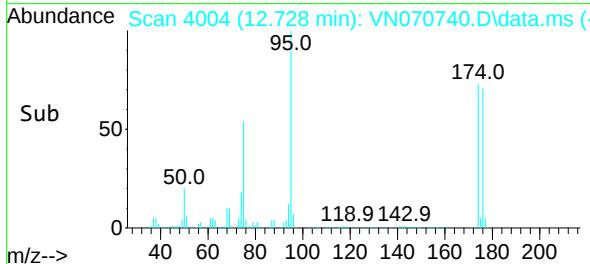
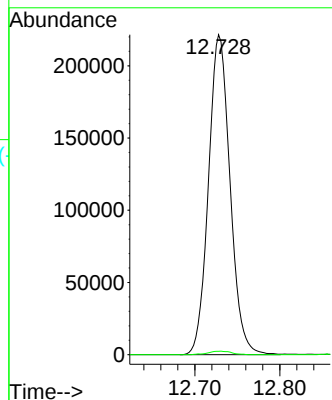
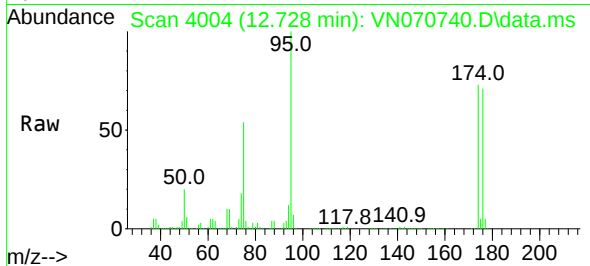




#76
1,2,3-Trichloropropane
Concen: 24.303 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.150 min
Lab File: VN070740.D
Acq: 21 Jan 2022 18:57

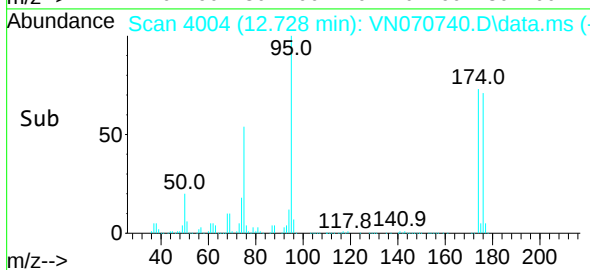
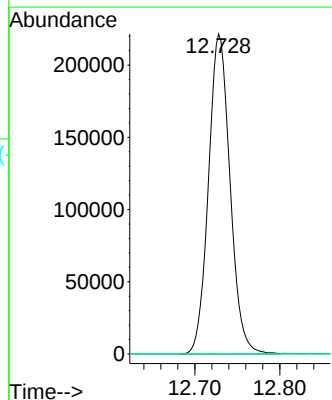
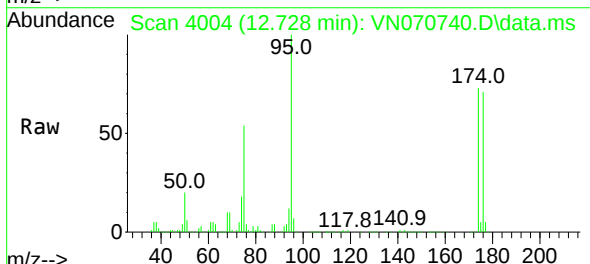
Instrument :
MSVOA_N
ClientSampleId :

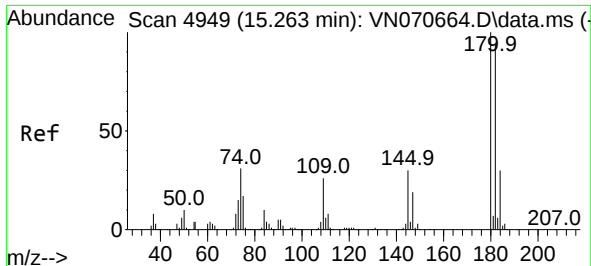
Tgt Ion: 75 Resp: 390683
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.402 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.104 min
Lab File: VN070740.D
Acq: 21 Jan 2022 18:57

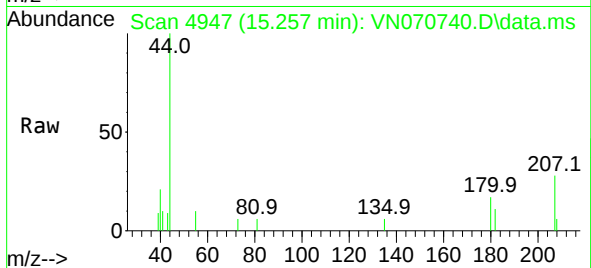
Tgt Ion: 75 Resp: 390683
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



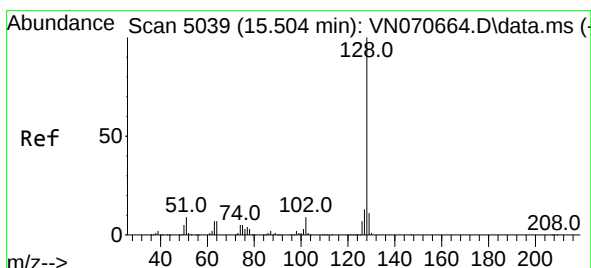
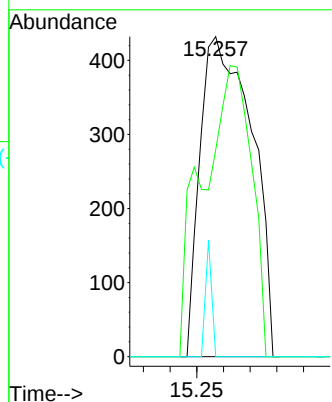
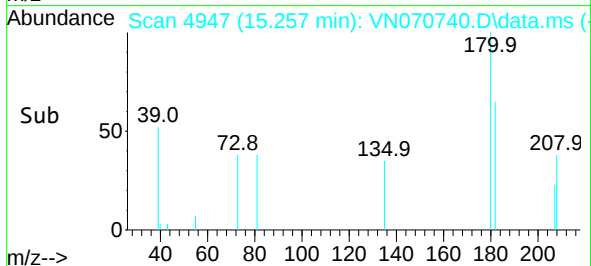


#93
1,2,4-Trichlorobenzene
Concen: 3.473 ug/l
RT: 15.257 min Scan# 4949
Delta R.T. -0.006 min
Lab File: VN070740.D
Acq: 21 Jan 2022 18:57

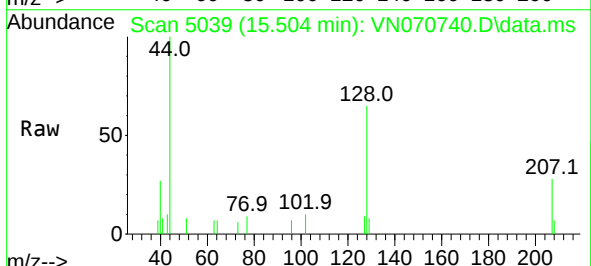
Instrument :
MSVOA_N
ClientSampleId :



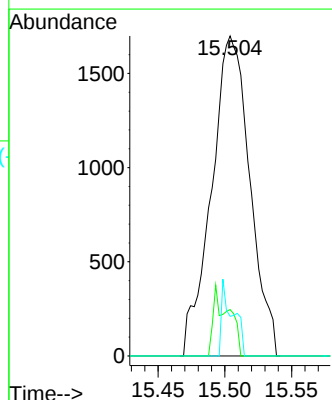
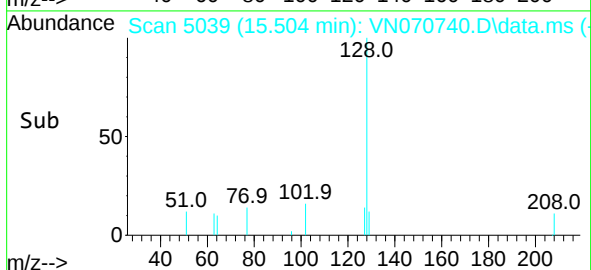
Tgt Ion:180 Resp: 579
Ion Ratio Lower Upper
180 100
182 60.6 48.3 144.9
145 4.3 14.5 43.5#

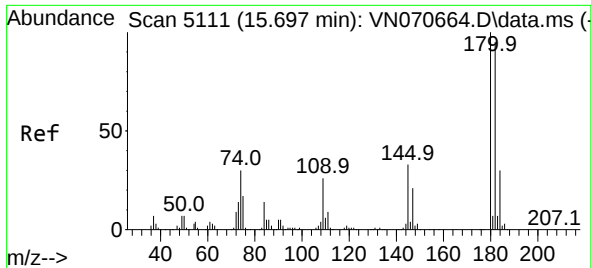


#95
Naphthalene
Concen: 5.046 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070740.D
Acq: 21 Jan 2022 18:57



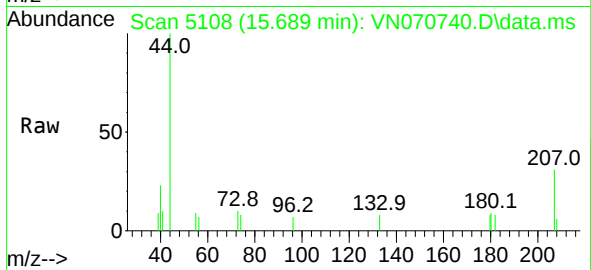
Tgt Ion:128 Resp: 3401
Ion Ratio Lower Upper
128 100
127 4.6 10.5 15.7#
129 7.1 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.241 ug/l
 RT: 15.689 min Scan# 51
 Delta R.T. -0.008 min
 Lab File: VN070740.D
 Acq: 21 Jan 2022 18:57

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 291
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.4 142.2
 145 0.0 15.0 45.1#

