

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
 Data File : VN070370.D
 Acq On : 30 Dec 2021 2:03
 Operator : JC/MD
 Sample : M5241-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 30 03:17:14 2021
 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	8.088	168	903092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1570751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1441684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	491794	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	707047	54.452	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 108.900%	
35) Dibromofluoromethane	8.024	113	489650	51.521	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.040%	
50) Toluene-d8	10.443	98	1941058	49.996	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.000%	
62) 4-Bromofluorobenzene	12.731	95	693928	49.487	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 98.980%	

Target Compounds				Qvalue		
3) Chloromethane	2.306	50	3624	0.260	ug/l	98
5) Bromomethane	2.858	94	1739	0.266	ug/l #	72
11) Tert butyl alcohol	5.326	59	6246	2.889	ug/l #	71
13) Acrolein	4.047	56	2910	1.659	ug/l #	78
16) Acetone	4.293	43	237285	28.151	ug/l	100
17) Carbon Disulfide	4.532	76	12267	0.489	ug/l	98
18) Methyl Acetate	4.856	43	5047	0.207	ug/l #	57
20) Methylene Chloride	5.098	84	144508	12.391	ug/l	89
25) 2-Butanone	7.345	43	32351	3.048	ug/l #	88
29) Tetrahydrofuran	7.697	42	2722	0.430	ug/l #	84
31) Cyclohexane	8.091	56	41511	2.026	ug/l #	59
36) 1,1-Dichloropropene	8.086	75	73682	4.687	ug/l #	49
37) Ethyl Acetate	7.345	43	32351	1.587	ug/l #	69
38) Carbon Tetrachloride	8.086	117	87703	5.842	ug/l #	16
39) Methylcyclohexane	9.461	83	28500	1.497	ug/l #	84
40) Benzene	8.461	78	642887	13.338	ug/l	99
43) Isopropyl Acetate	8.563	43	136325	4.243	ug/l #	87
48) Methyl methacrylate	9.545	41	39075	2.550	ug/l #	9
49) 1,4-Dioxane	9.579	88	246	1.097	ug/l #	27
51) 4-Methyl-2-Pentanone	10.333	43	28331	1.403	ug/l	98
52) Toluene	10.502	92	21776	0.746	ug/l	99
54) cis-1,3-Dichloropropene	10.245	75	173448	9.243	ug/l #	68
55) 1,1,2-Trichloroethane	10.880	97	3672	0.318	ug/l #	22
57) 1,3-Dichloropropane	11.089	76	102763	5.033	ug/l #	44
58) 2-Chloroethyl Vinyl ether	10.043	63	5174	19.496	ug/l #	77
59) 2-Hexanone	11.092	43	1823508	123.856	ug/l #	48
67) Ethyl Benzene	11.846	91	134088	2.392	ug/l	93
68) m/p-Xylenes	11.958	106	37518	1.839	ug/l	91
69) o-Xylene	12.280	106	15009	0.740	ug/l	90
73) Isopropylbenzene	12.581	105	207508	4.544	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.822	83	995	0.506	ug/l #	74
76) 1,2,3-Trichloropropane	12.731	75	371171	26.833	ug/l #	1
78) n-propylbenzene	12.921	91	206194	4.075	ug/l	96
79) 2-Chlorotoluene	12.921	91	206194	6.351	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.058	105	8740	0.239	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.731	75	371171	92.210	ug/l #	5

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

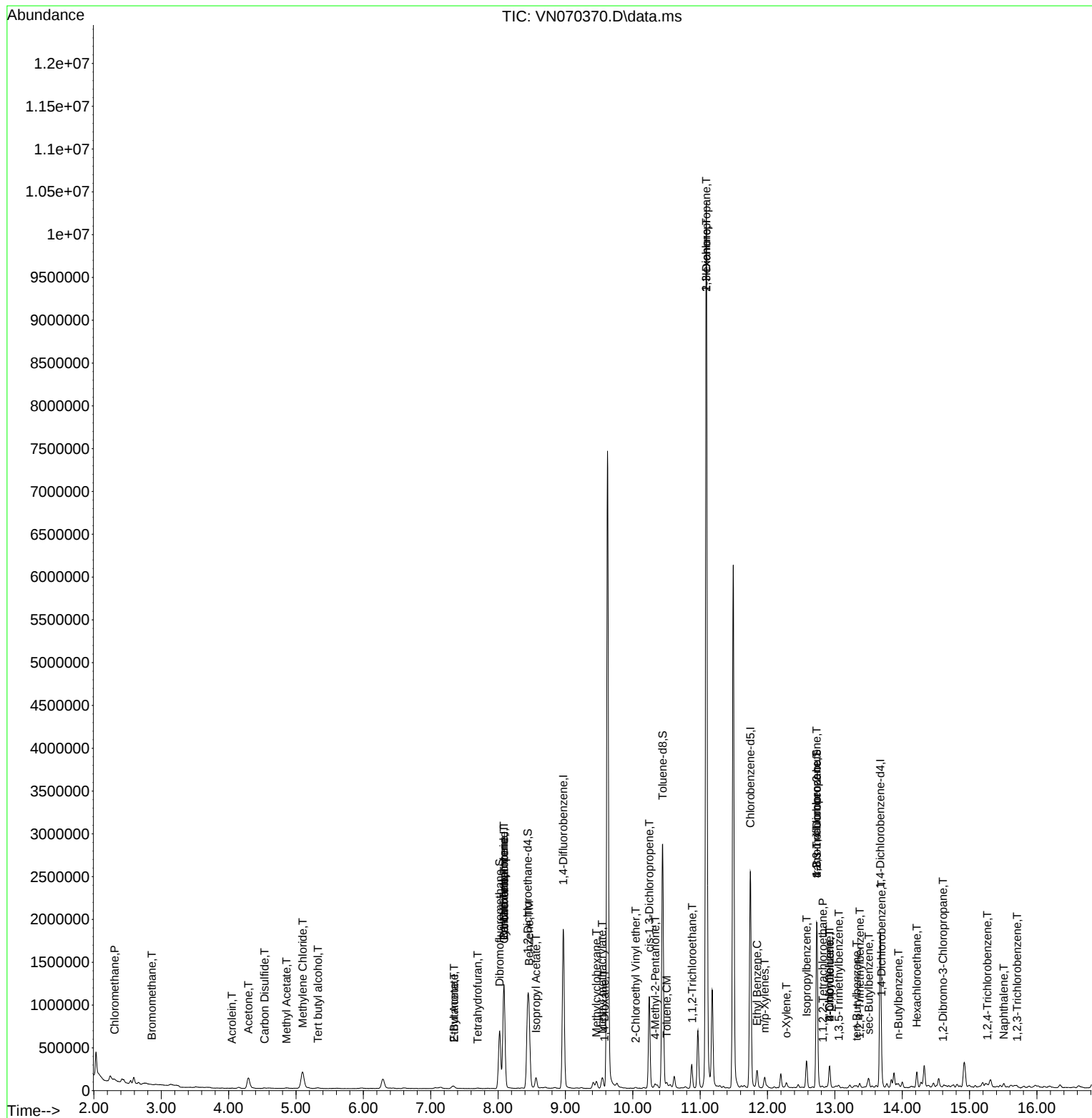
82) 4-Chlorotoluene	12.921	91	206194	6.780	ug/l #	38
83) tert-Butylbenzene	13.323	119	11798	0.366	ug/l	88
84) 1,2,4-Trimethylbenzene	13.369	105	21658	0.615	ug/l	92
85) sec-Butylbenzene	13.503	105	67139	1.535	ug/l	88
88) 1,4-Dichlorobenzene	13.694	146	3661	0.211	ug/l #	67
89) n-Butylbenzene	13.943	91	23776	0.829	ug/l #	76
90) Hexachloroethane	14.217	117	11118	1.862	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.605	75	739	0.279	ug/l #	32
93) 1,2,4-Trichlorobenzene	15.262	180	5259	0.649	ug/l #	1
95) Naphthalene	15.507	128	42706	3.634	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	6010	1.588	ug/l #	87

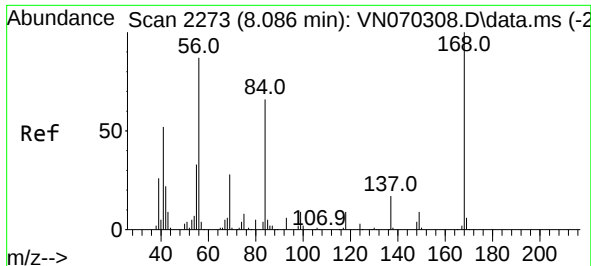
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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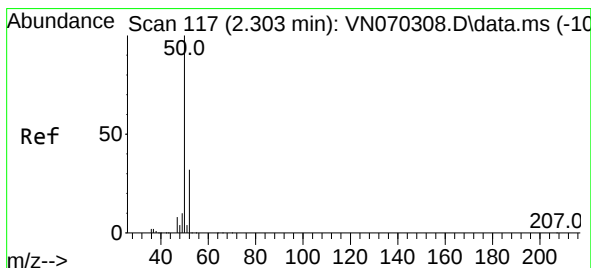
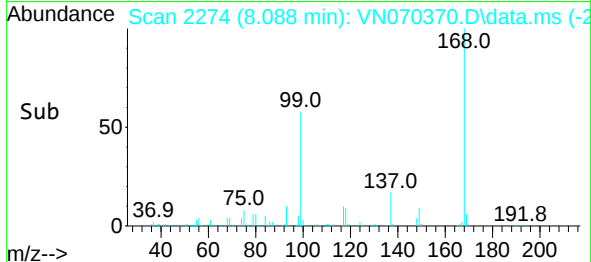
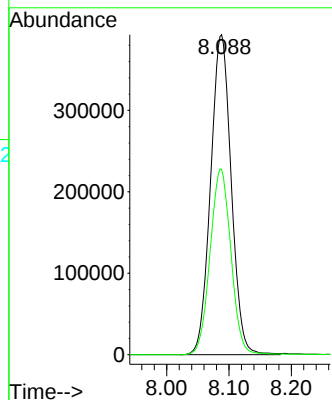
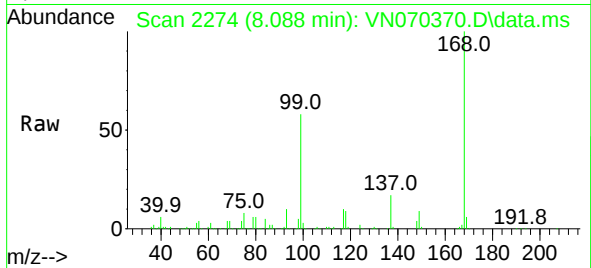




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070370.D
Acq: 30 Dec 2021 2:03

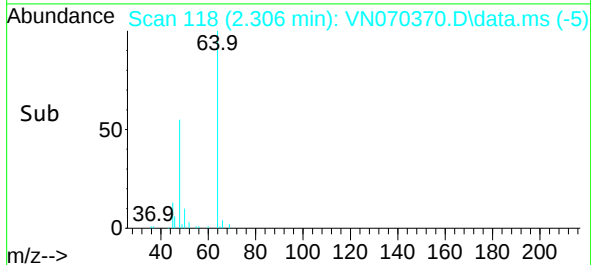
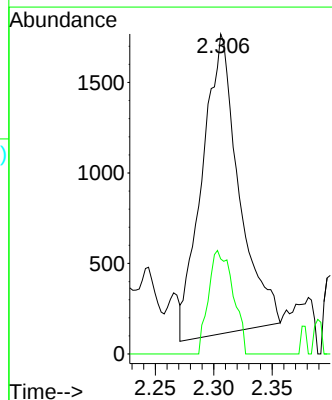
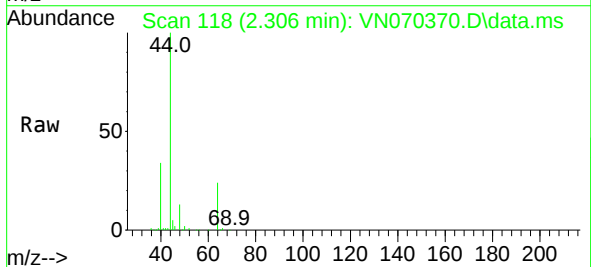
Instrument :
MSVOA_N
ClientSampleId :

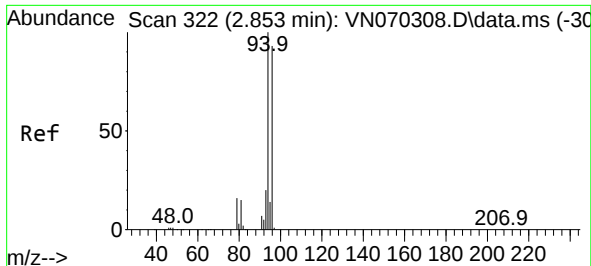
Tgt Ion:168 Resp: 903092
Ion Ratio Lower Upper
168 100
99 57.9 41.3 61.9



#3
Chloromethane
Concen: 0.260 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN070370.D
Acq: 30 Dec 2021 2:03

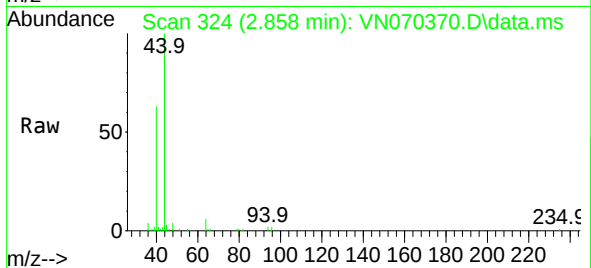
Tgt Ion: 50 Resp: 3624
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.0



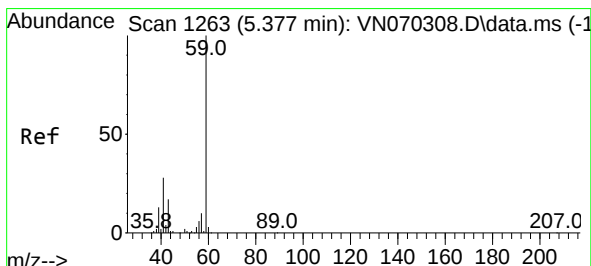
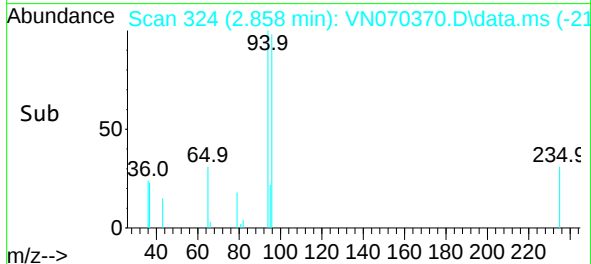
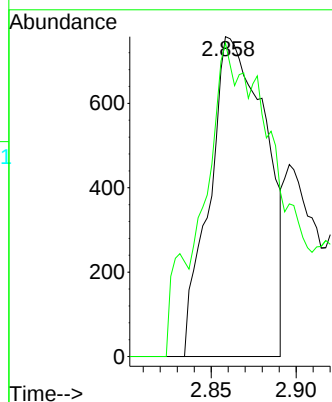


#5
Bromomethane
Concen: 0.266 ug/l
RT: 2.858 min Scan# 31
Delta R.T. 0.005 min
Lab File: VN070370.D
Acq: 30 Dec 2021 2:03

Instrument :
MSVOA_N
ClientSampleId :

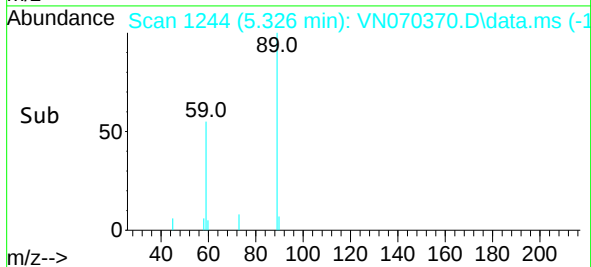
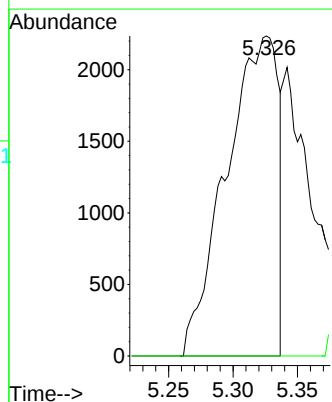
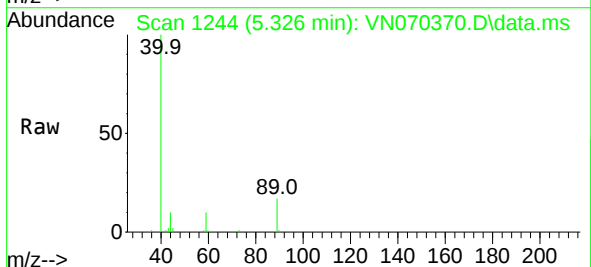


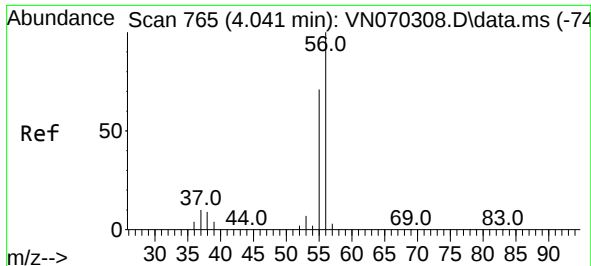
Tgt Ion: 94 Resp: 1739
Ion Ratio Lower Upper
94 100
96 65.8 73.8 110.8#



#11
Tert butyl alcohol
Concen: 2.889 ug/l
RT: 5.326 min Scan# 1244
Delta R.T. -0.051 min
Lab File: VN070370.D
Acq: 30 Dec 2021 2:03

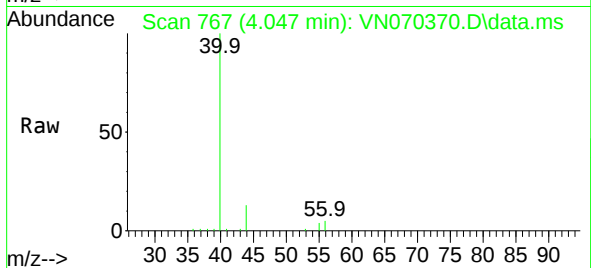
Tgt Ion: 59 Resp: 6246
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



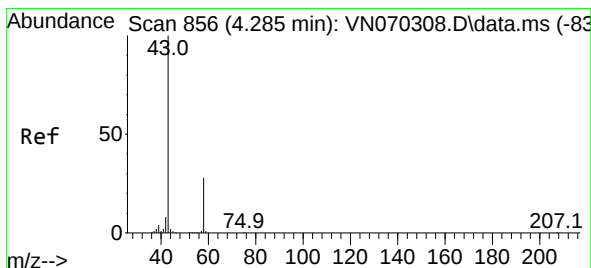
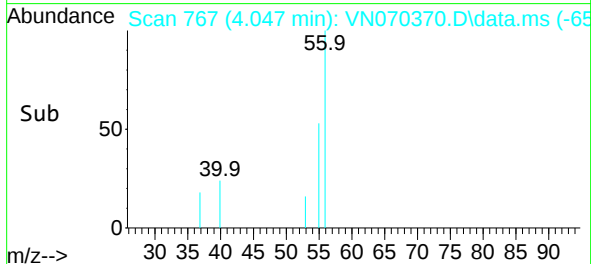
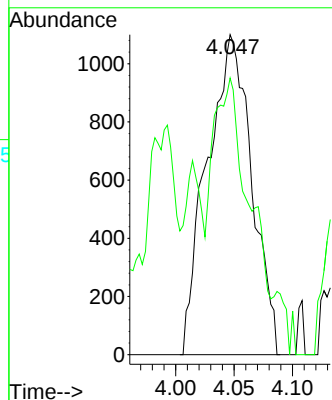


#13
Acrolein
Concen: 1.659 ug/l
RT: 4.047 min Scan# 765
Delta R.T. 0.005 min
Lab File: VN070370.D
Acq: 30 Dec 2021 2:03

Instrument :
MSVOA_N
ClientSampleId :

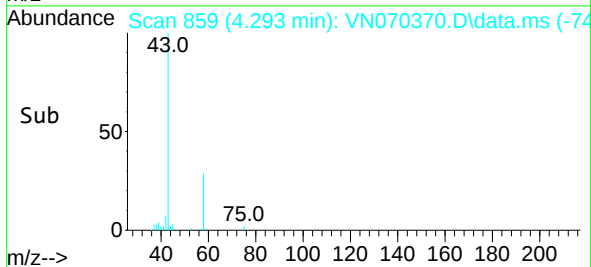
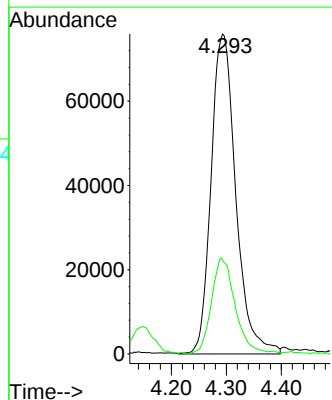
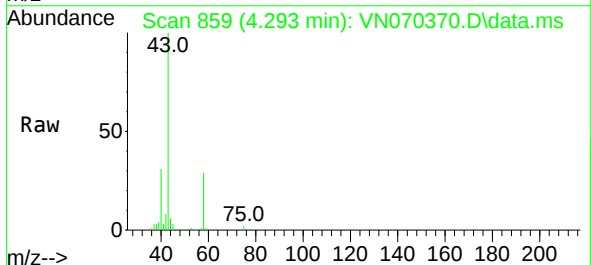


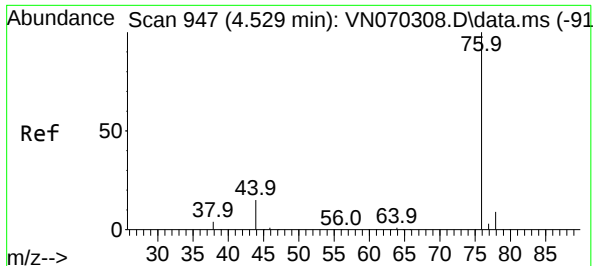
Tgt Ion: 56 Resp: 2910
Ion Ratio Lower Upper
56 100
55 53.0 56.6 85.0#



#16
Acetone
Concen: 28.151 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN070370.D
Acq: 30 Dec 2021 2:03

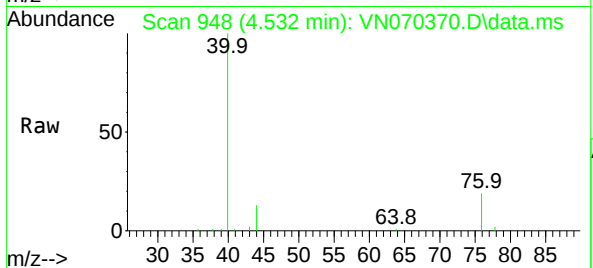
Tgt Ion: 43 Resp: 237285
Ion Ratio Lower Upper
43 100
58 29.0 23.1 34.7



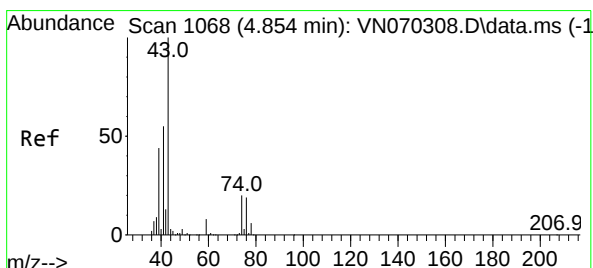
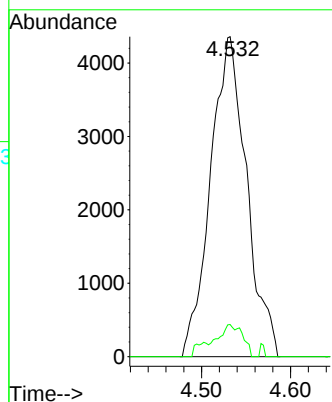
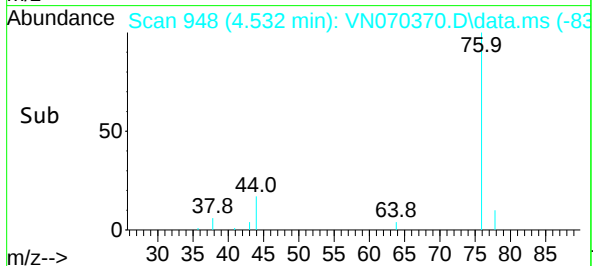


#17
Carbon Disulfide
Concen: 0.489 ug/l
RT: 4.532 min Scan# 947
Delta R.T. 0.003 min
Lab File: VN070370.D
Acq: 30 Dec 2021 2:03

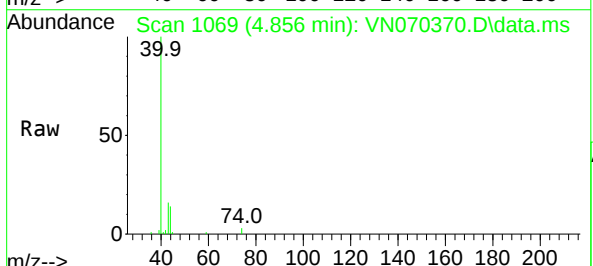
Instrument :
MSVOA_N
ClientSampleId :



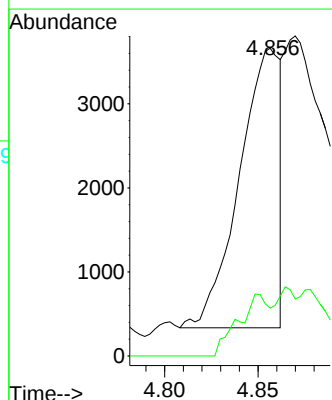
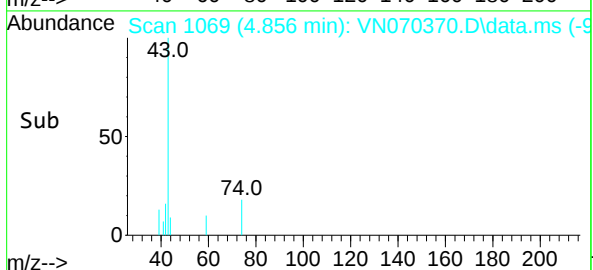
Tgt Ion: 76 Resp: 12267
Ion Ratio Lower Upper
76 100
78 10.1 7.5 11.3

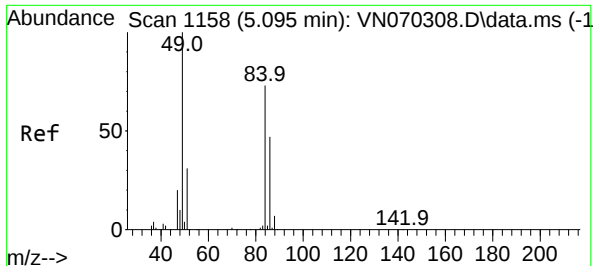


#18
Methyl Acetate
Concen: 0.207 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. 0.002 min
Lab File: VN070370.D
Acq: 30 Dec 2021 2:03



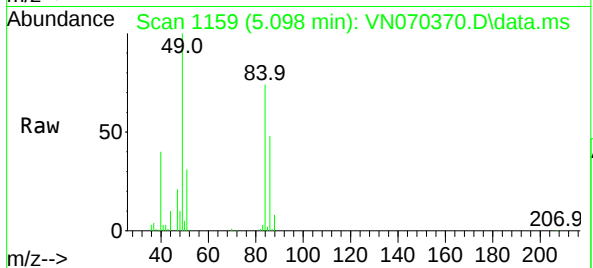
Tgt Ion: 43 Resp: 5047
Ion Ratio Lower Upper
43 100
74 3.1 19.4 29.2#



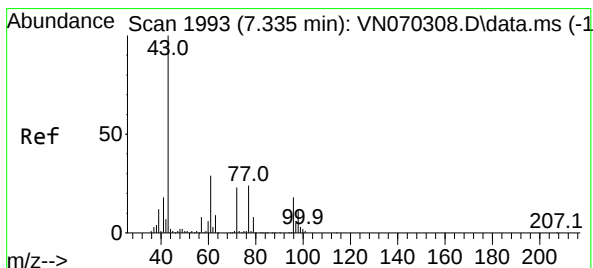
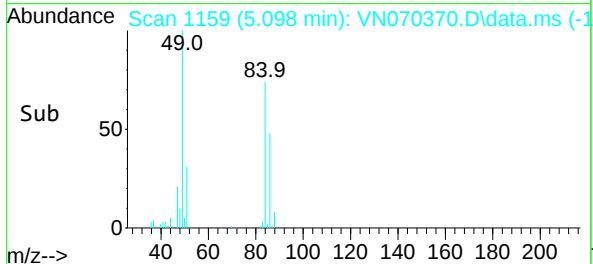
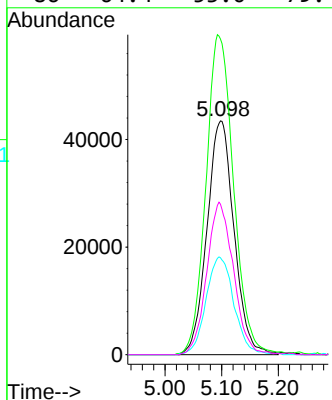


#20
Methylene Chloride
Concen: 12.391 ug/l
RT: 5.098 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN070370.D
Acq: 30 Dec 2021 2:03

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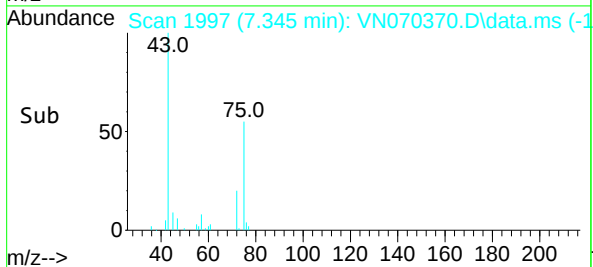
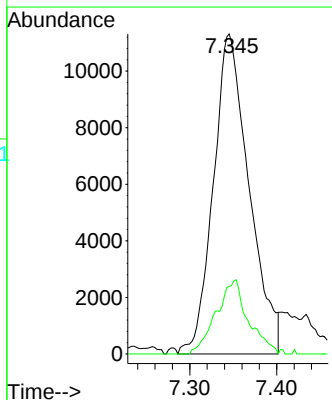
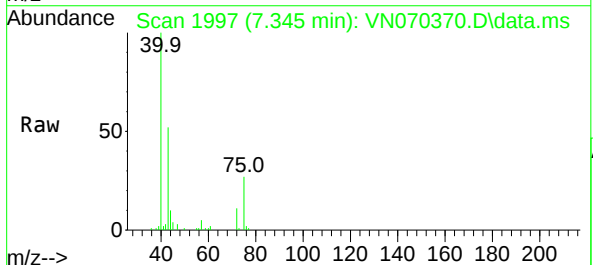


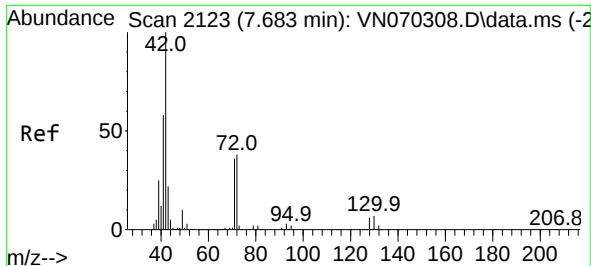
Tgt Ion: 84 Resp: 144508
Ion Ratio Lower Upper
84 100
49 134.5 93.5 140.3
51 41.5 29.4 44.2
86 64.4 53.0 79.4



#25
2-Butanone
Concen: 3.048 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.010 min
Lab File: VN070370.D
Acq: 30 Dec 2021 2:03

Tgt Ion: 43 Resp: 32351
Ion Ratio Lower Upper
43 100
72 21.1 21.7 32.5#





#29

Tetrahydrofuran

Concen: 0.430 ug/l

RT: 7.697 min Scan# 21

Delta R.T. 0.014 min

Lab File: VN070370.D

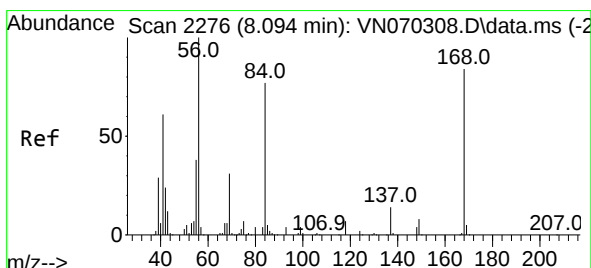
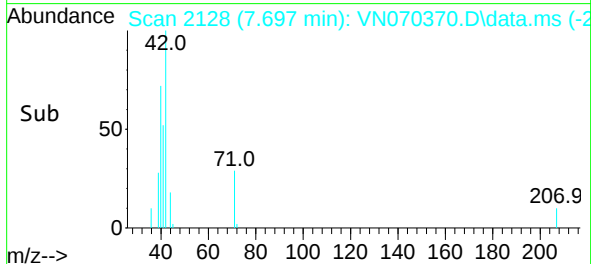
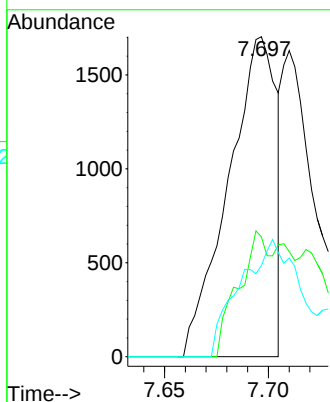
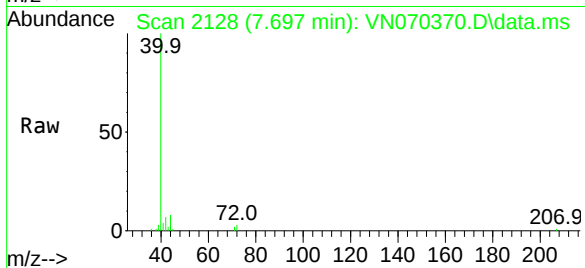
Acq: 30 Dec 2021 2:03

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 42	Resp: 2722
Ion Ratio	Lower Upper
42	100
72	26.7 36.3 54.5#
71	45.0 34.7 52.1



#31

Cyclohexane

Concen: 2.026 ug/l

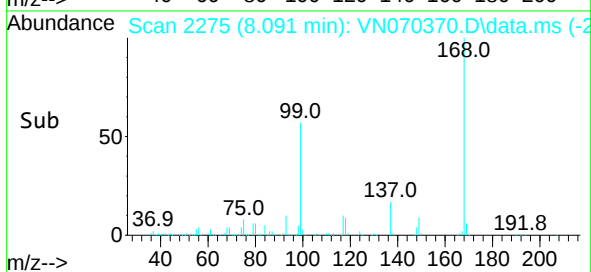
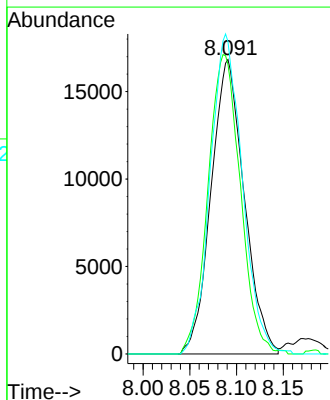
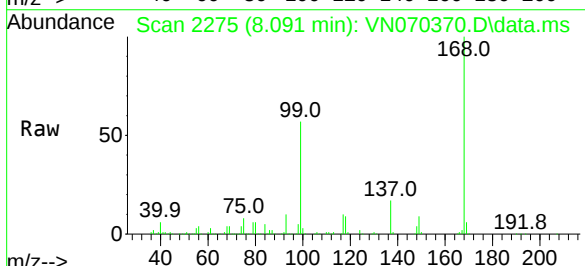
RT: 8.091 min Scan# 2275

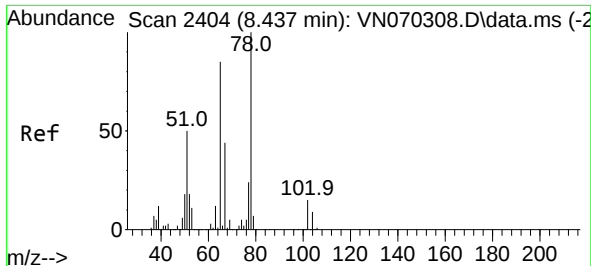
Delta R.T. -0.003 min

Lab File: VN070370.D

Acq: 30 Dec 2021 2:03

Tgt Ion: 56	Resp: 41511
Ion Ratio	Lower Upper
56	100
69	98.4 27.1 40.7#
84	106.1 73.4 110.0

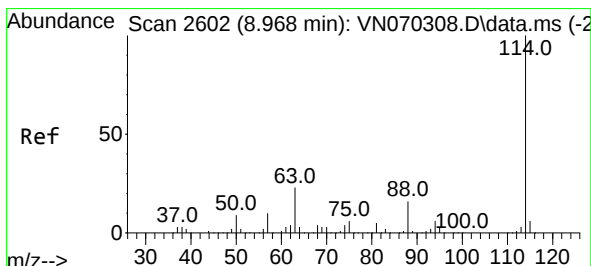
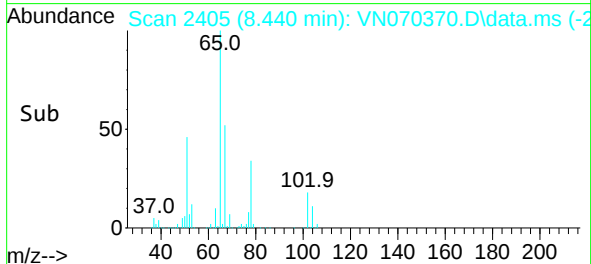
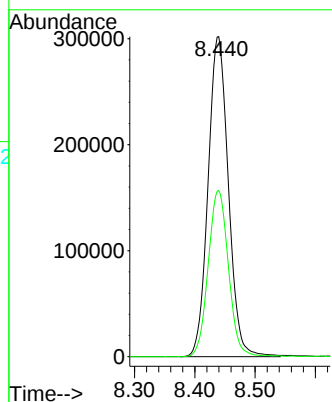
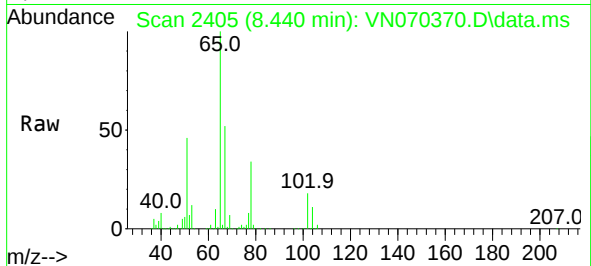




#33
 1,2-Dichloroethane-d4
 Concen: 54.452 ug/l
 RT: 8.440 min Scan# 2404
 Delta R.T. 0.003 min
 Lab File: VN070370.D
 Acq: 30 Dec 2021 2:03

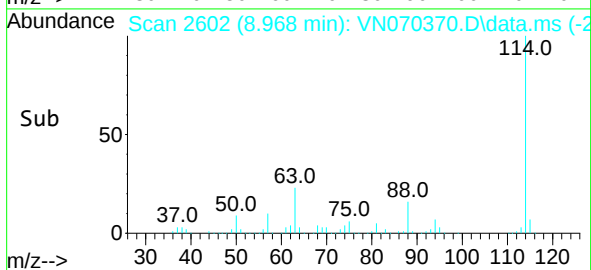
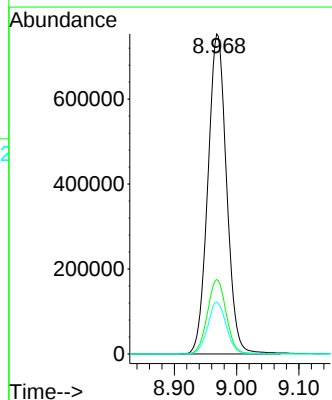
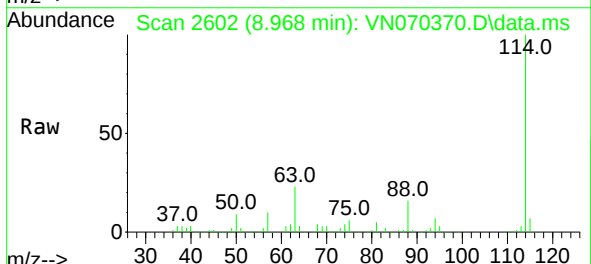
Instrument :
 MSVOA_N
 ClientSampleId :

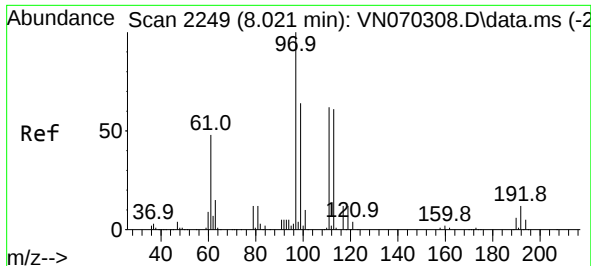
Tgt Ion: 65 Resp: 707047
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. -0.000 min
 Lab File: VN070370.D
 Acq: 30 Dec 2021 2:03

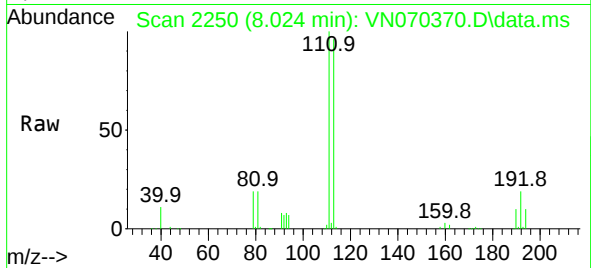
Tgt Ion: 114 Resp: 1570751
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 37.8
 88 16.2 0.0 27.4



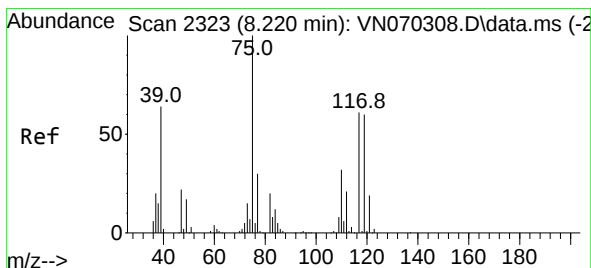
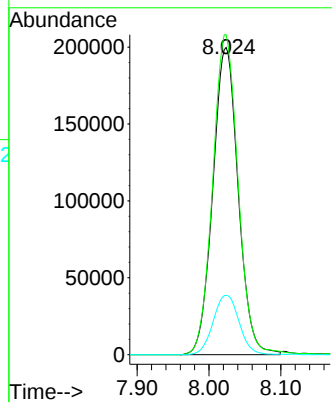
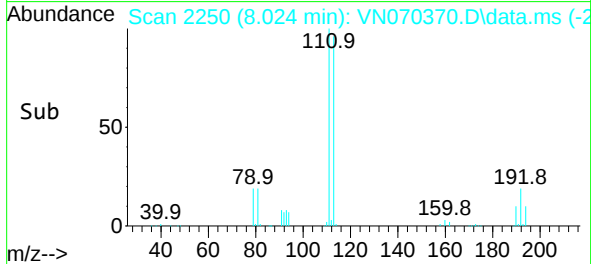


#35
Dibromofluoromethane
Concen: 51.521 ug/l
RT: 8.024 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070370.D
Acq: 30 Dec 2021 2:03

Instrument :
MSVOA_N
ClientSampleId :

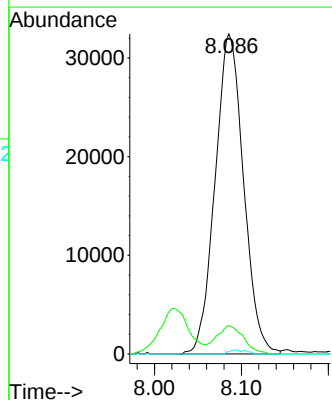
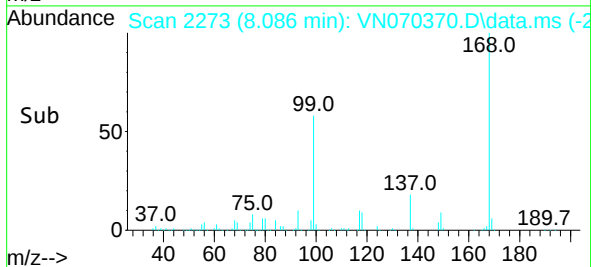
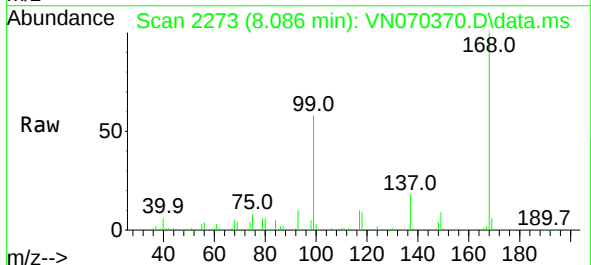


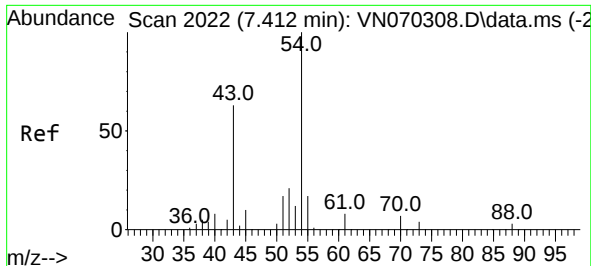
Tgt Ion:113 Resp: 489650
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.2
192 19.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.687 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.134 min
Lab File: VN070370.D
Acq: 30 Dec 2021 2:03

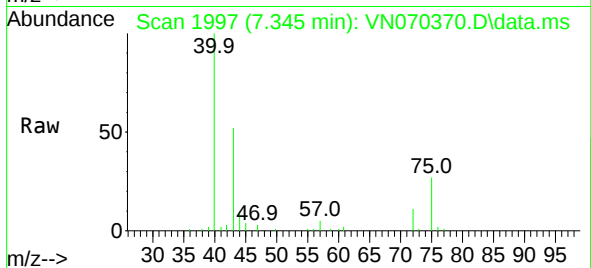
Tgt Ion: 75 Resp: 73682
Ion Ratio Lower Upper
75 100
110 8.5 18.4 55.2#
77 0.0 24.4 36.6#



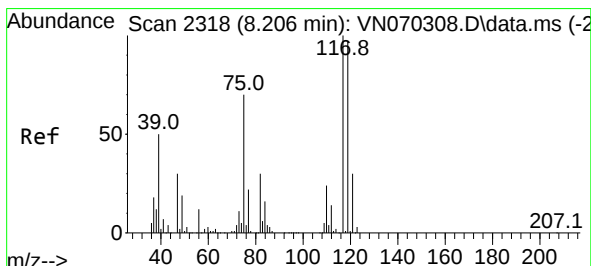
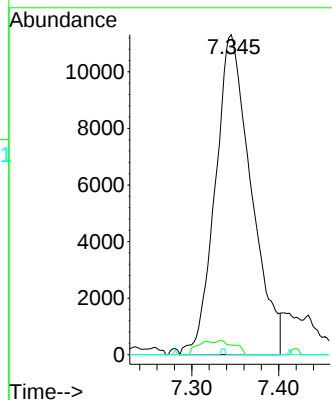
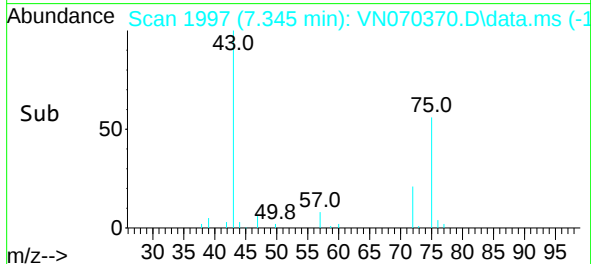


#37
Ethyl Acetate
Concen: 1.587 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. -0.067 min
Lab File: VN070370.D
Acq: 30 Dec 2021 2:03

Instrument :
MSVOA_N
ClientSampleId :

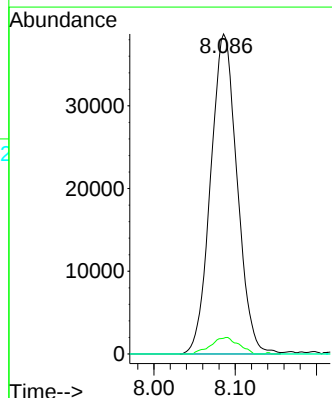
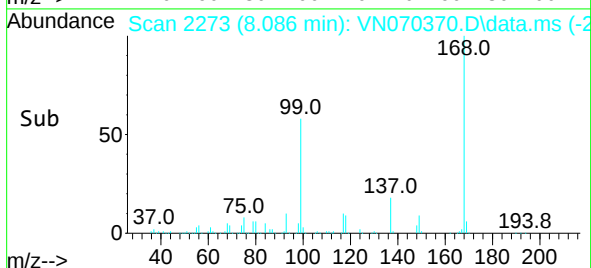
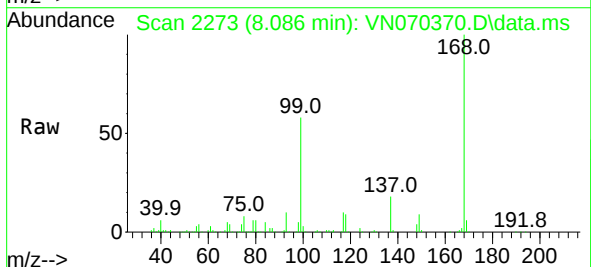


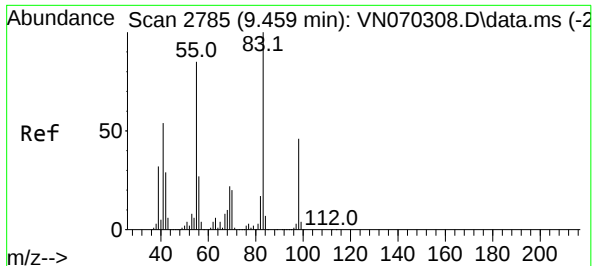
Tgt Ion: 43 Resp: 32351
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.2 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 5.842 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN070370.D
Acq: 30 Dec 2021 2:03

Tgt Ion: 117 Resp: 87703
Ion Ratio Lower Upper
117 100
119 4.9 76.1 114.1#
121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 1.497 ug/l

RT: 9.461 min Scan# 21

Delta R.T. 0.002 min

Lab File: VN070370.D

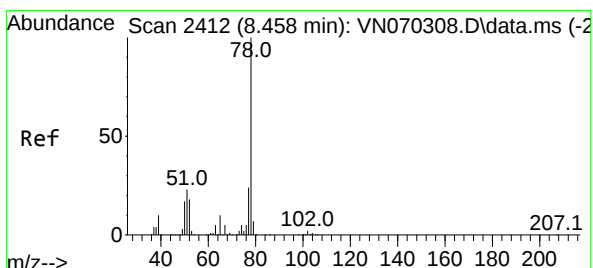
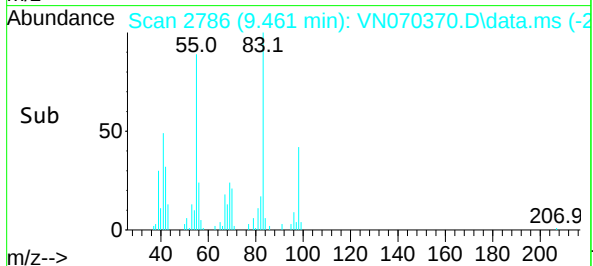
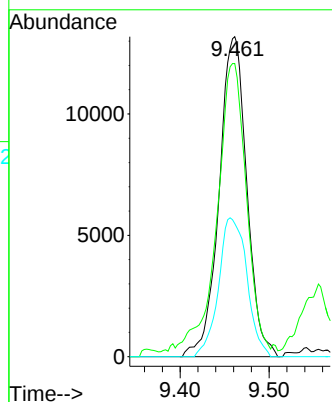
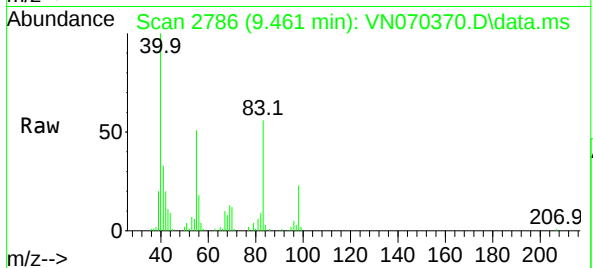
Acq: 30 Dec 2021 2:03

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 83	Resp: 28500
Ion Ratio	Lower Upper
83	100
55	89.6 58.1 87.1#
98	41.6 38.4 57.6



#40

Benzene

Concen: 13.338 ug/l

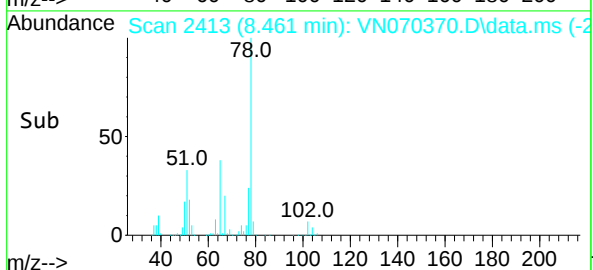
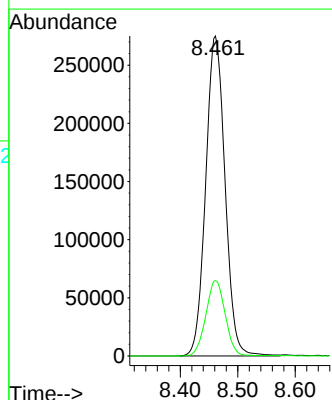
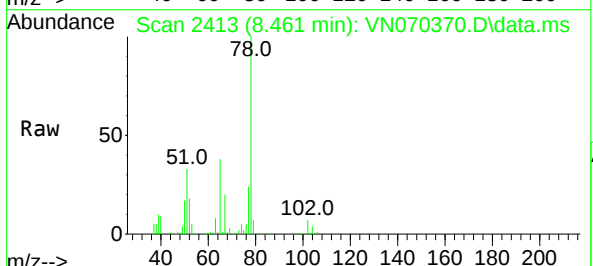
RT: 8.461 min Scan# 2413

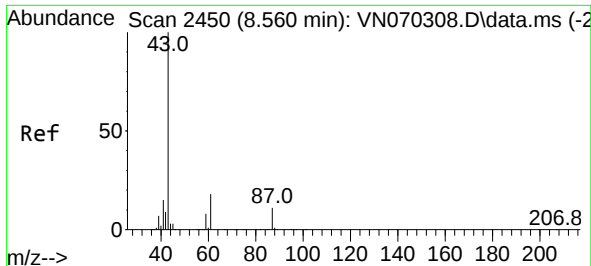
Delta R.T. 0.003 min

Lab File: VN070370.D

Acq: 30 Dec 2021 2:03

Tgt Ion: 78	Resp: 642887
Ion Ratio	Lower Upper
78	100
77	23.5 18.6 27.8

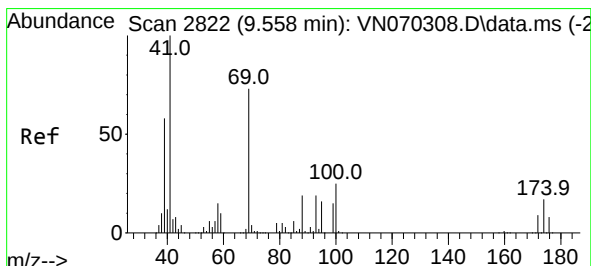
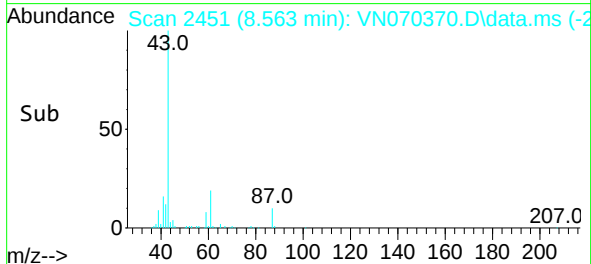
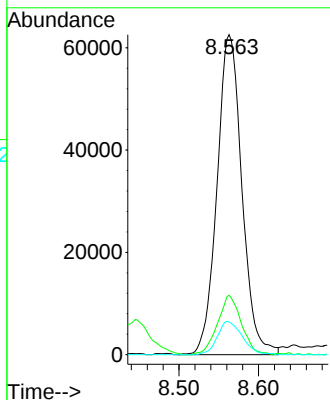
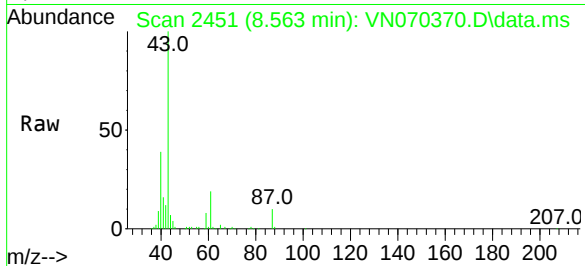




#43
Isopropyl Acetate
Concen: 4.243 ug/l
RT: 8.563 min Scan# 2450
Delta R.T. 0.003 min
Lab File: VN070370.D
Acq: 30 Dec 2021 2:03

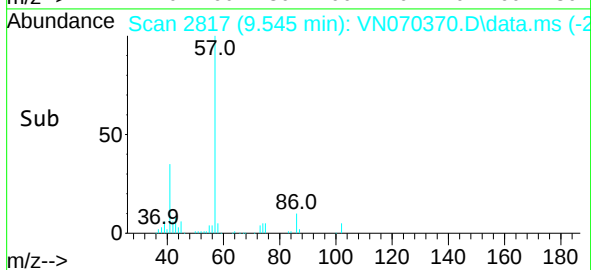
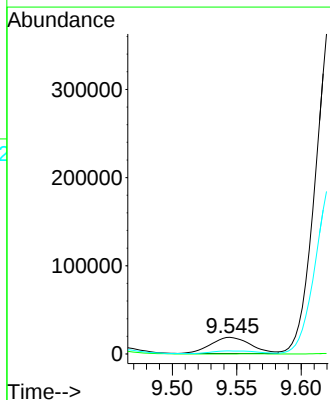
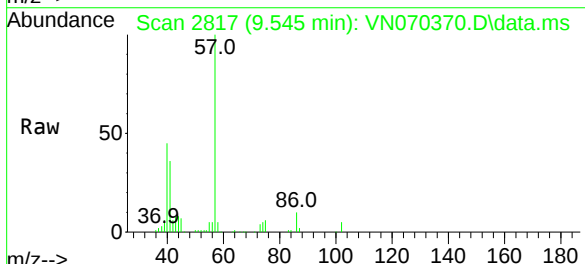
Instrument :
MSVOA_N
ClientSampleId :

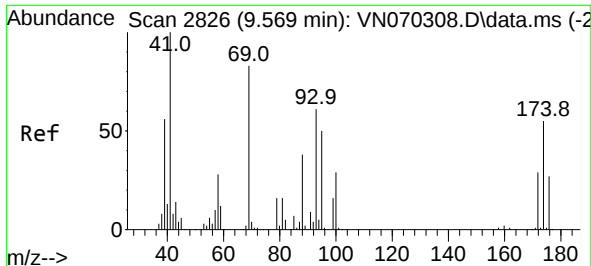
Tgt Ion: 43 Resp: 136325
Ion Ratio Lower Upper
43 100
61 17.7 20.4 30.6#
87 10.3 11.2 16.8#



#48
Methyl methacrylate
Concen: 2.550 ug/l
RT: 9.545 min Scan# 2817
Delta R.T. -0.013 min
Lab File: VN070370.D
Acq: 30 Dec 2021 2:03

Tgt Ion: 41 Resp: 39075
Ion Ratio Lower Upper
41 100
69 0.7 72.4 108.6#
39 0.0 58.4 87.6#





#49

1,4-Dioxane

Concen: 1.097 ug/l

RT: 9.579 min Scan# 21

Delta R.T. 0.010 min

Lab File: VN070370.D

Acq: 30 Dec 2021 2:03

Instrument :

MSVOA_N

ClientSampleId :

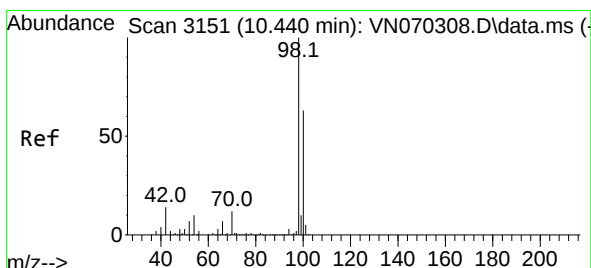
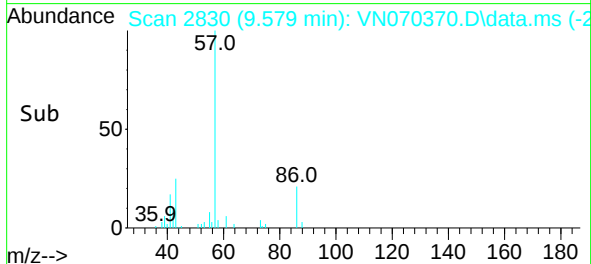
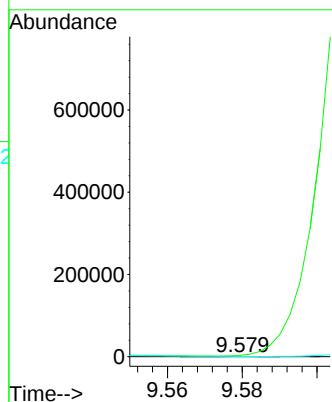
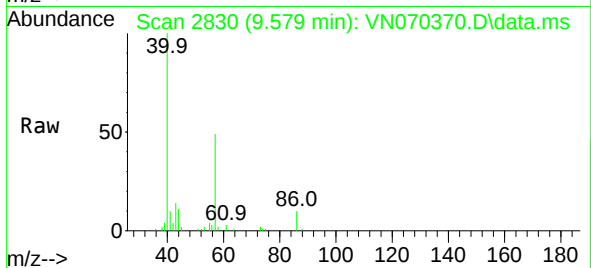
Tgt Ion: 88 Resp: 246

Ion Ratio Lower Upper

88 100

43 0.0 23.4 35.2#

58 0.0 50.6 75.8#



#50

Toluene-d8

Concen: 49.996 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.003 min

Lab File: VN070370.D

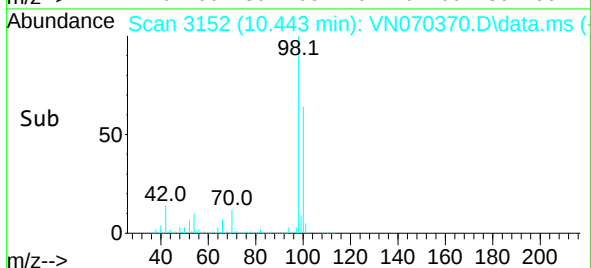
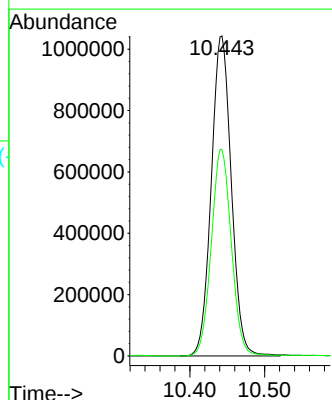
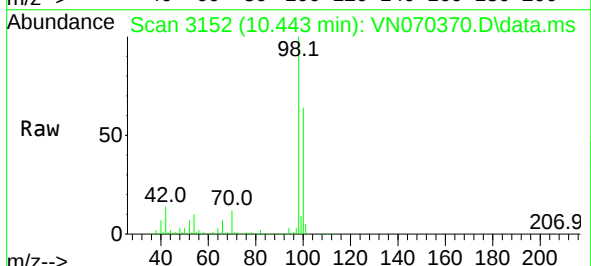
Acq: 30 Dec 2021 2:03

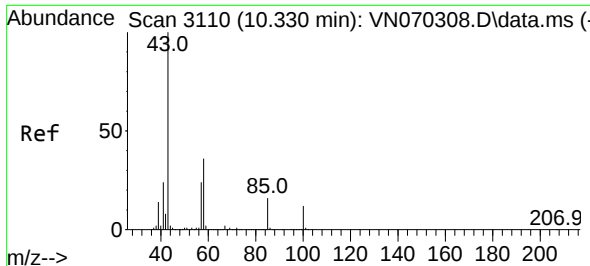
Tgt Ion: 98 Resp: 1941058

Ion Ratio Lower Upper

98 100

100 64.6 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 1.403 ug/l

RT: 10.333 min Scan# 3111

Delta R.T. 0.003 min

Lab File: VN070370.D

Acq: 30 Dec 2021 2:03

Instrument :

MSVOA_N

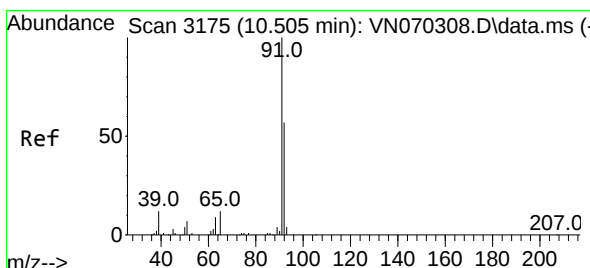
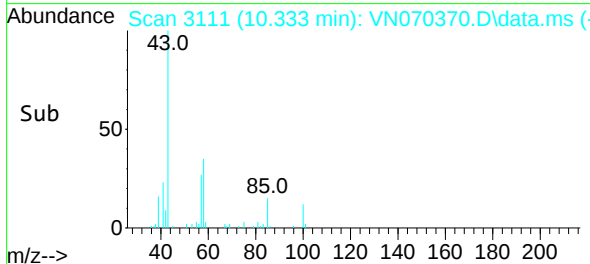
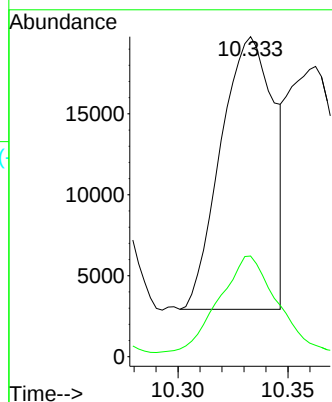
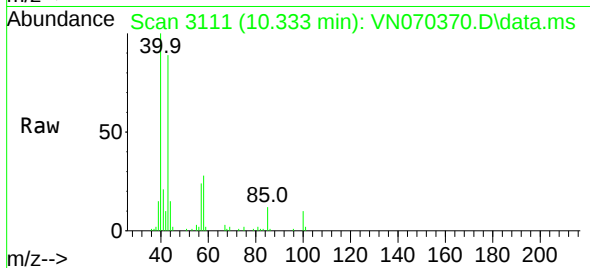
ClientSampleId :

Tgt Ion: 43 Resp: 28331

Ion Ratio Lower Upper

43 100

58 38.9 30.4 45.6



#52

Toluene

Concen: 0.746 ug/l

RT: 10.502 min Scan# 3174

Delta R.T. -0.003 min

Lab File: VN070370.D

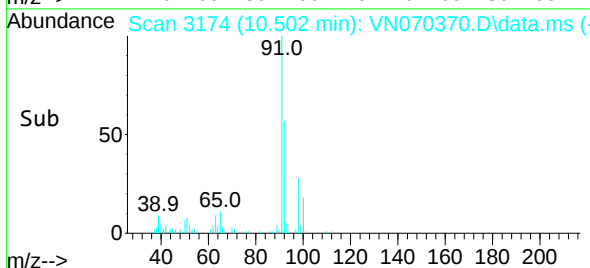
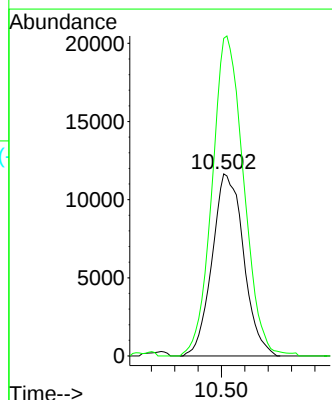
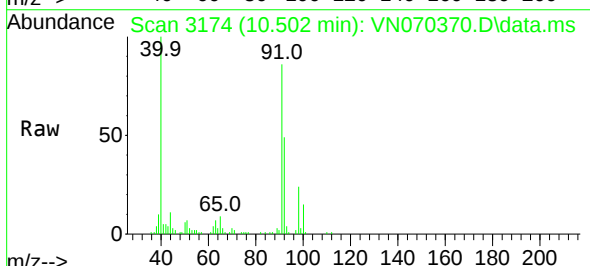
Acq: 30 Dec 2021 2:03

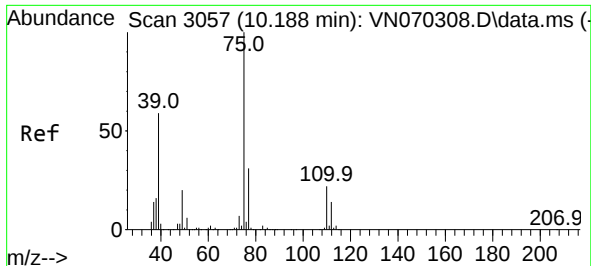
Tgt Ion: 92 Resp: 21776

Ion Ratio Lower Upper

92 100

91 176.6 142.0 213.0

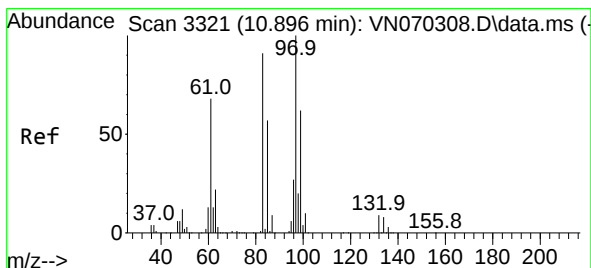
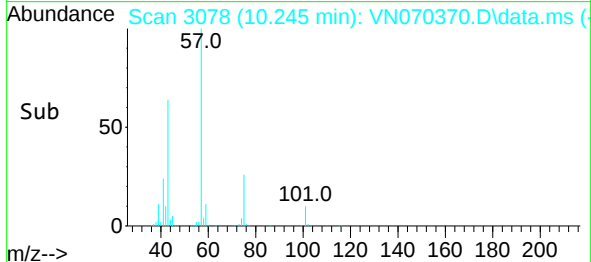
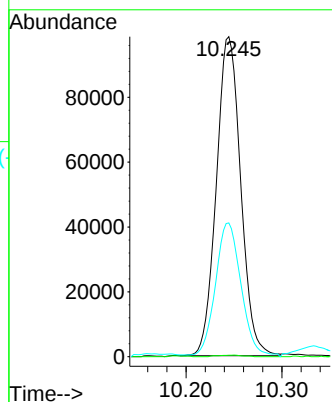
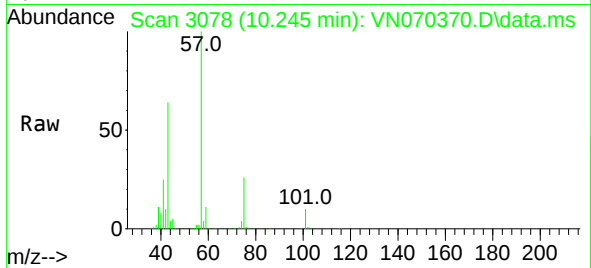




#54
 cis-1,3-Dichloropropene
 Concen: 9.243 ug/l
 RT: 10.245 min Scan# 3057
 Delta R.T. 0.057 min
 Lab File: VN070370.D
 Acq: 30 Dec 2021 2:03

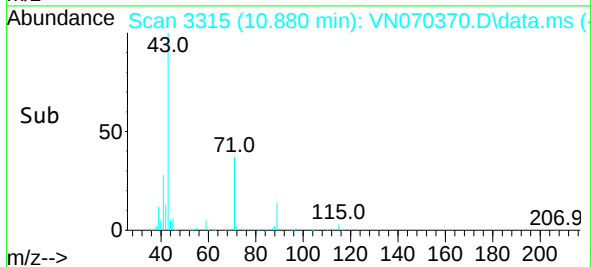
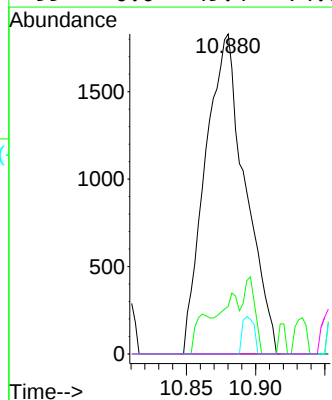
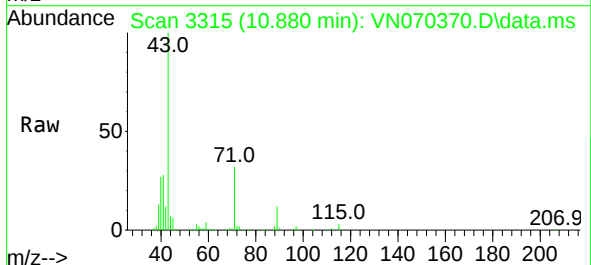
Instrument :
 MSVOA_N
 ClientSampleId :

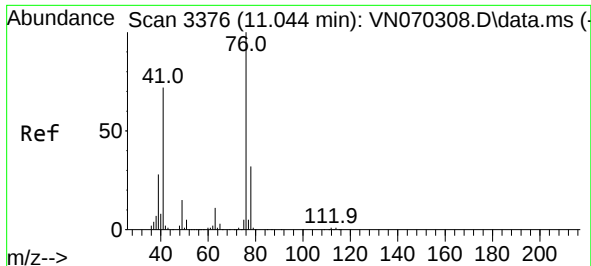
Tgt Ion: 75 Resp: 173448
 Ion Ratio Lower Upper
 75 100
 77 0.4 26.4 39.6#
 39 41.9 42.5 63.7#



#55
 1,1,2-Trichloroethane
 Concen: 0.318 ug/l
 RT: 10.880 min Scan# 3315
 Delta R.T. -0.016 min
 Lab File: VN070370.D
 Acq: 30 Dec 2021 2:03

Tgt Ion: 97 Resp: 3672
 Ion Ratio Lower Upper
 97 100
 83 14.9 67.8 101.6#
 85 0.0 45.4 68.2#
 99 0.0 49.4 74.0#





#57

1,3-Dichloropropane

Concen: 5.033 ug/l

RT: 11.089 min Scan# 31

Delta R.T. 0.045 min

Lab File: VN070370.D

Acq: 30 Dec 2021 2:03

Instrument :

MSVOA_N

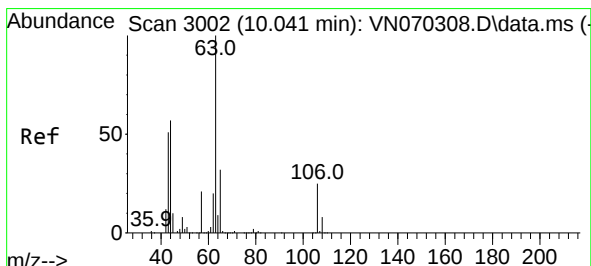
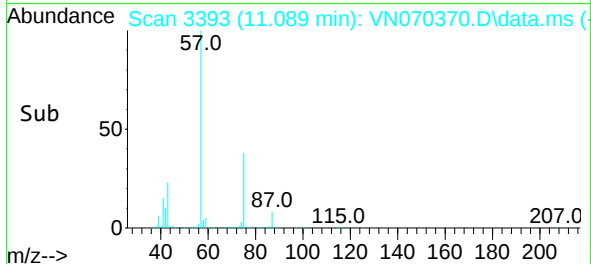
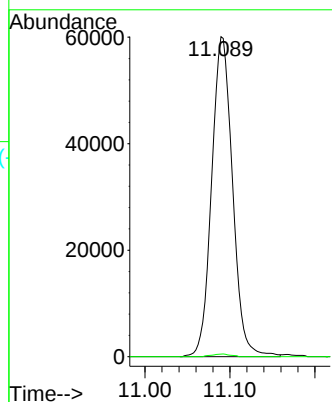
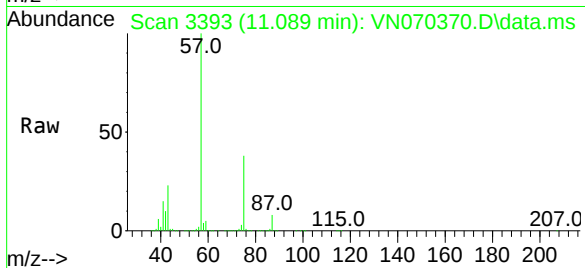
ClientSampleId :

Tgt Ion: 76 Resp: 102763

Ion Ratio Lower Upper

76 100

78 0.7 25.7 38.5#



#58

2-Chloroethyl Vinyl ether

Concen: 19.496 ug/l

RT: 10.043 min Scan# 3003

Delta R.T. 0.002 min

Lab File: VN070370.D

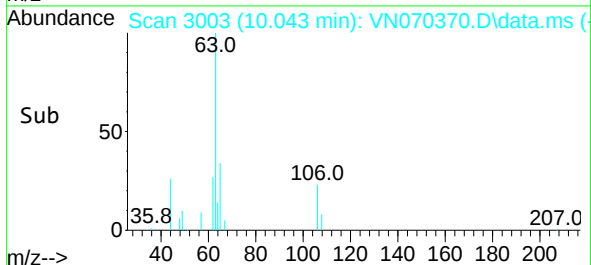
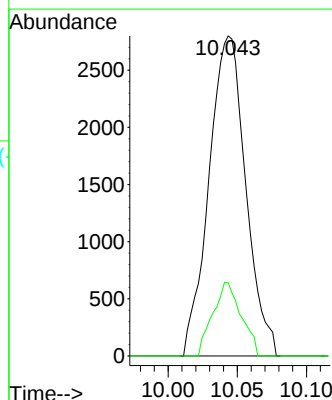
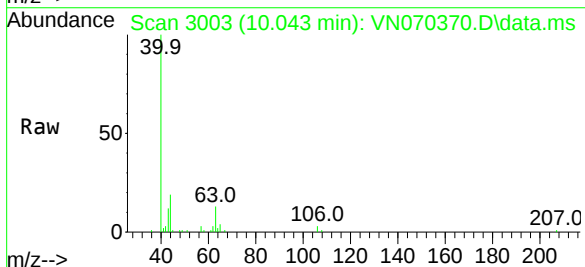
Acq: 30 Dec 2021 2:03

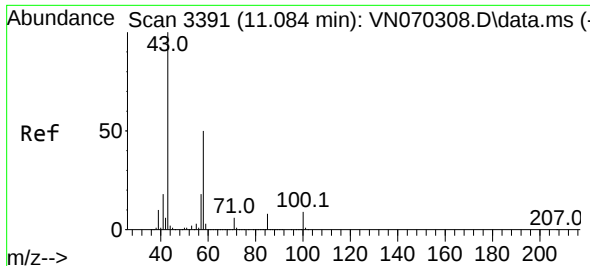
Tgt Ion: 63 Resp: 5174

Ion Ratio Lower Upper

63 100

106 17.7 23.9 35.9#

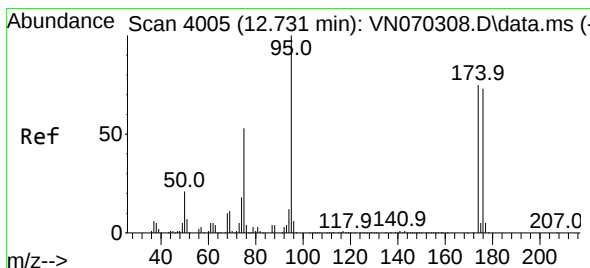
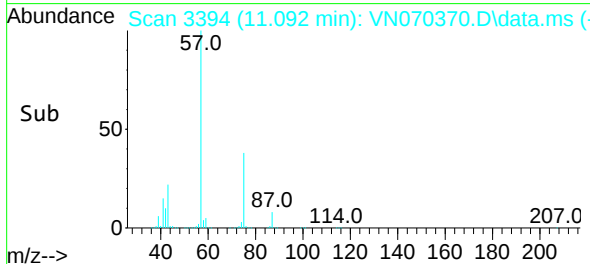
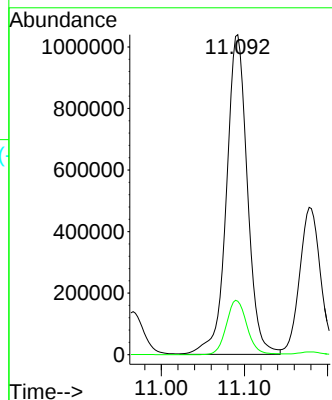
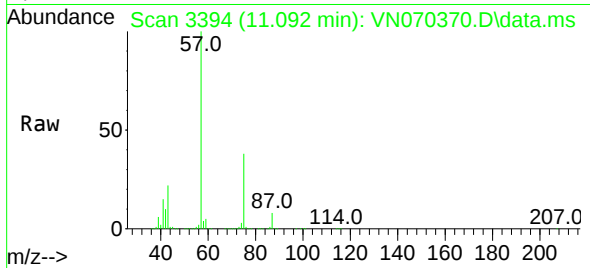




#59
2-Hexanone
Concen: 123.856 ug/l
RT: 11.092 min Scan# 3391
Delta R.T. 0.008 min
Lab File: VN070370.D
Acq: 30 Dec 2021 2:03

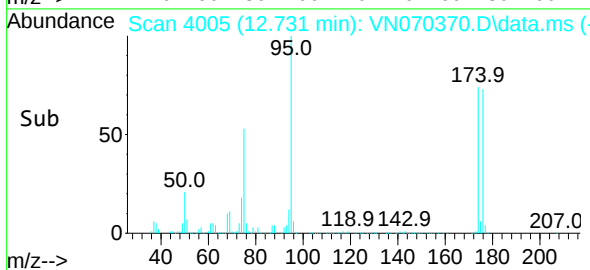
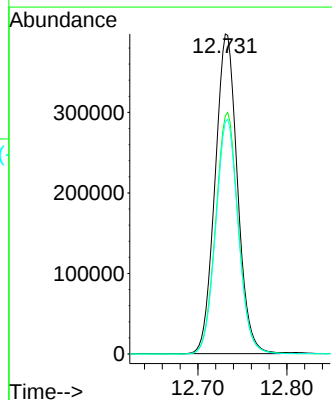
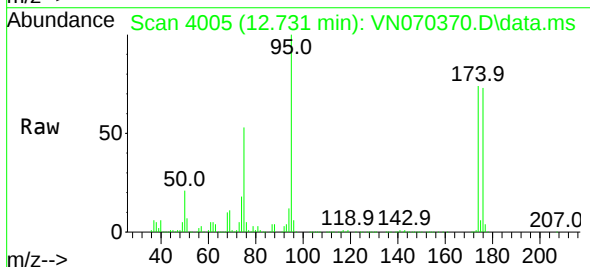
Instrument :
MSVOA_N
ClientSampleId :

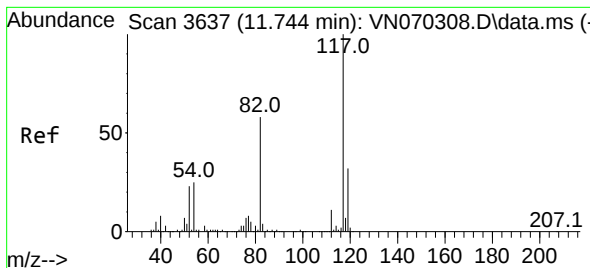
Tgt Ion: 43 Resp: 1823508
Ion Ratio Lower Upper
43 100
58 16.9 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 49.487 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070370.D
Acq: 30 Dec 2021 2:03

Tgt Ion: 95 Resp: 693928
Ion Ratio Lower Upper
95 100
174 76.4 0.0 187.2
176 73.9 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.746 min Scan# 3637

Delta R.T. 0.002 min

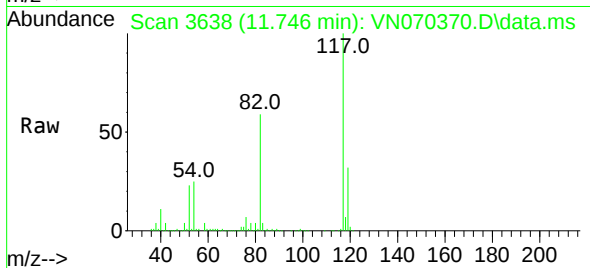
Lab File: VN070370.D

Acq: 30 Dec 2021 2:03

Instrument :

MSVOA_N

ClientSampleId :



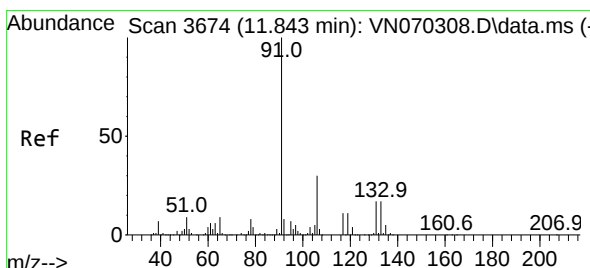
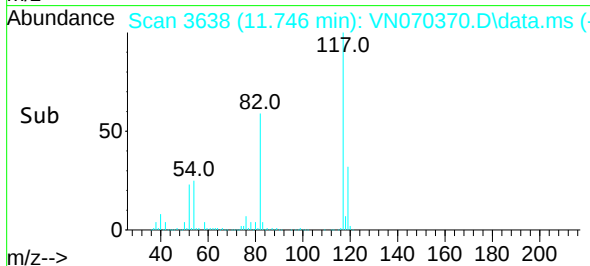
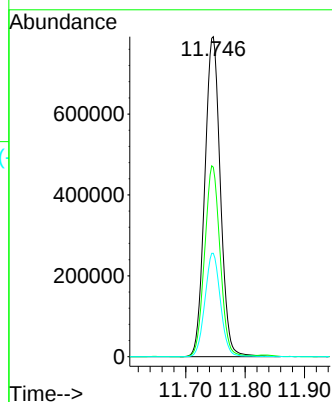
Tgt Ion:117 Resp: 1441684

Ion Ratio Lower Upper

117 100

82 59.2 42.4 63.6

119 32.3 25.4 38.2



#67

Ethyl Benzene

Concen: 2.392 ug/l

RT: 11.846 min Scan# 3675

Delta R.T. 0.003 min

Lab File: VN070370.D

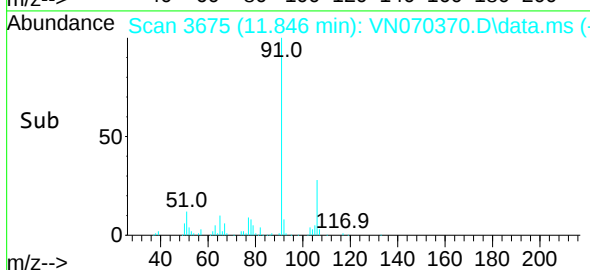
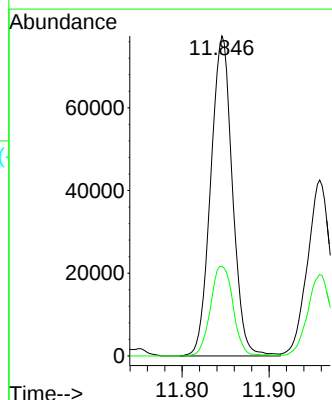
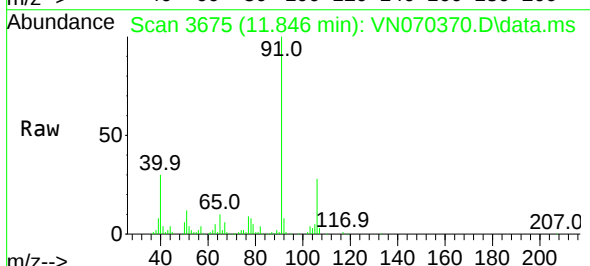
Acq: 30 Dec 2021 2:03

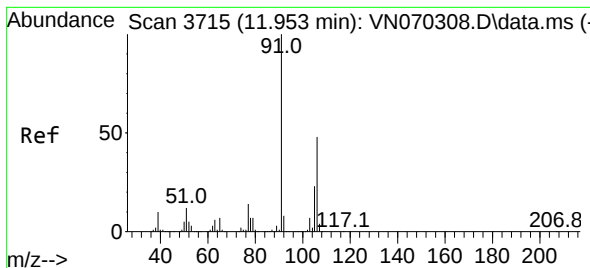
Tgt Ion: 91 Resp: 134088

Ion Ratio Lower Upper

91 100

106 28.0 25.7 38.5





#68

m/p-Xylenes

Concen: 1.839 ug/l

RT: 11.958 min Scan# 31

Delta R.T. 0.005 min

Lab File: VN070370.D

Acq: 30 Dec 2021 2:03

Instrument :

MSVOA_N

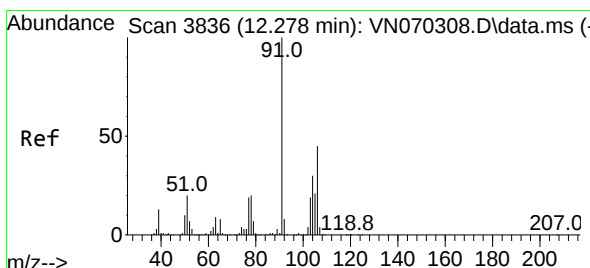
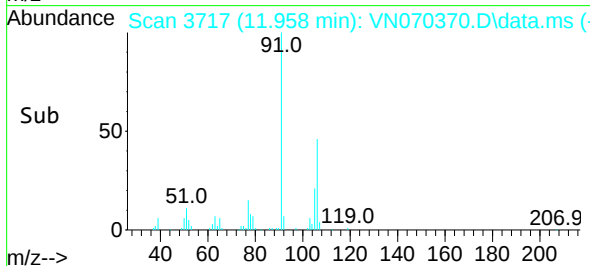
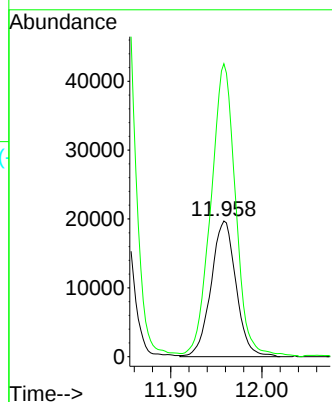
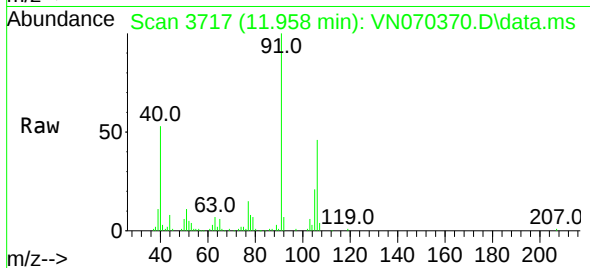
ClientSampleId :

Tgt Ion:106 Resp: 37518

Ion Ratio Lower Upper

106 100

91 214.3 160.6 240.8



#69

o-Xylene

Concen: 0.740 ug/l

RT: 12.280 min Scan# 3837

Delta R.T. 0.002 min

Lab File: VN070370.D

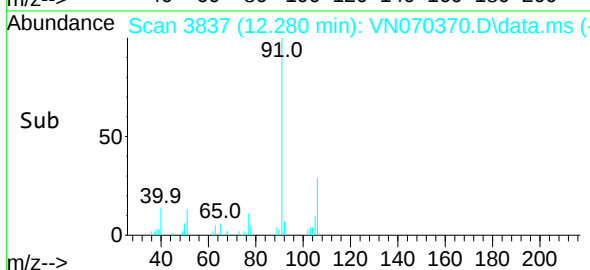
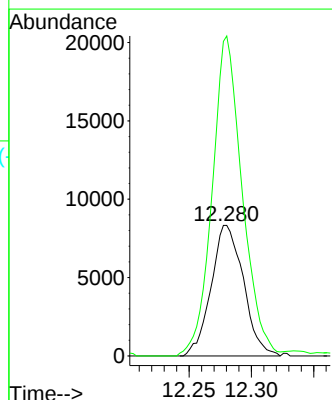
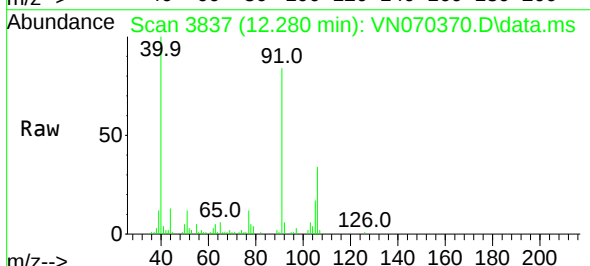
Acq: 30 Dec 2021 2:03

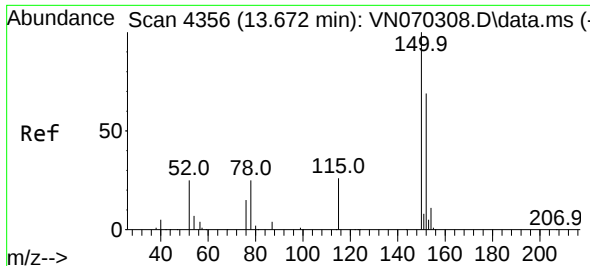
Tgt Ion:106 Resp: 15009

Ion Ratio Lower Upper

106 100

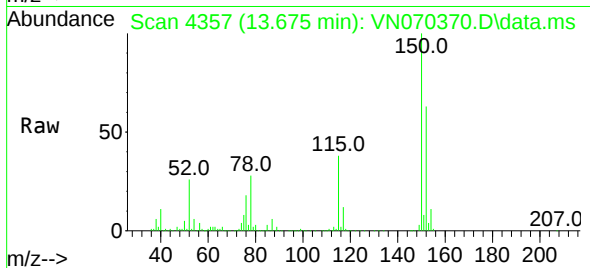
91 227.8 105.8 317.3



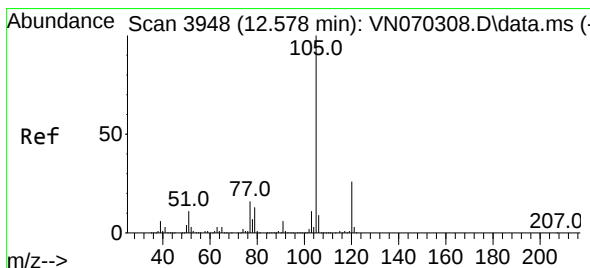
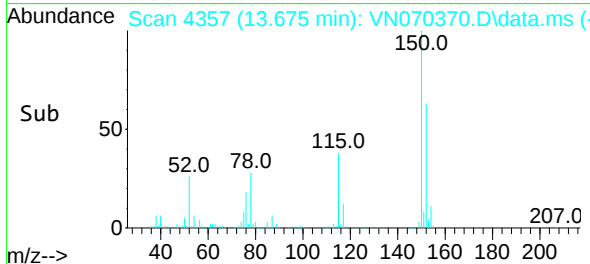
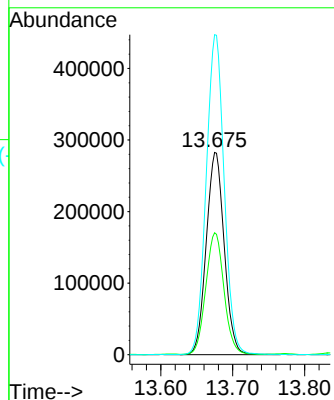


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070370.D
Acq: 30 Dec 2021 2:03

Instrument :
MSVOA_N
ClientSampleId :

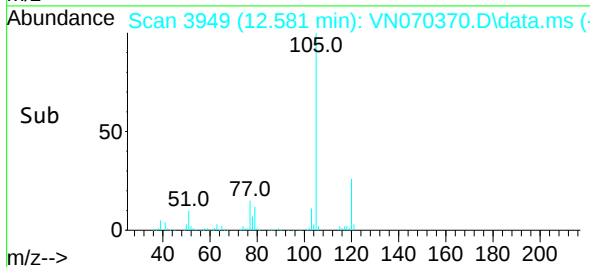
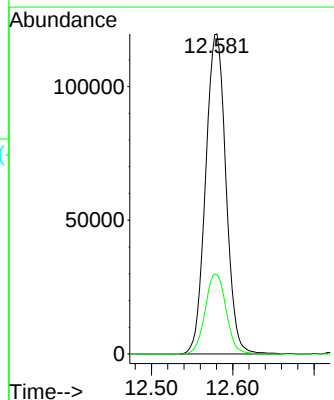
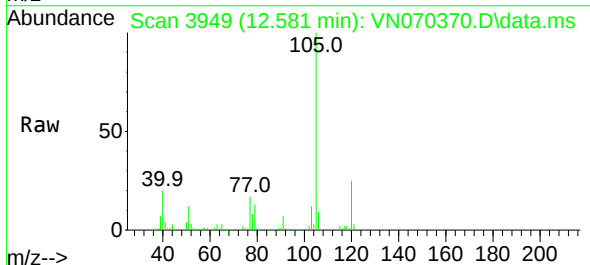


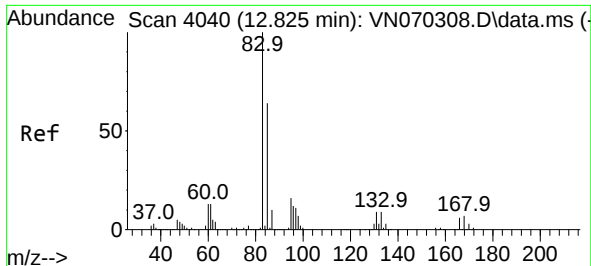
Tgt Ion:152 Resp: 491794
Ion Ratio Lower Upper
152 100
115 60.7 27.5 82.5
150 158.2 0.0 344.4



#73
Isopropylbenzene
Concen: 4.544 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.003 min
Lab File: VN070370.D
Acq: 30 Dec 2021 2:03

Tgt Ion:105 Resp: 207508
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1

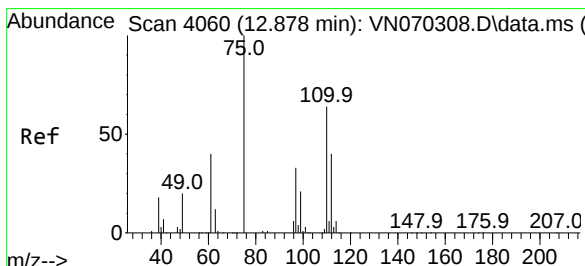
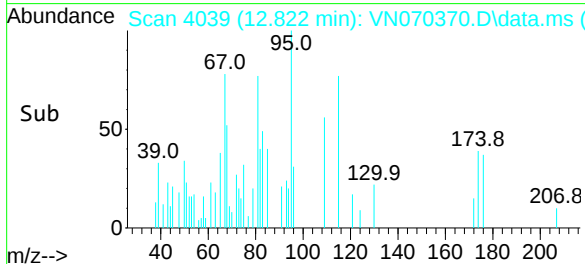
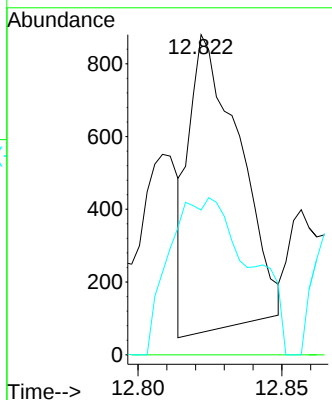
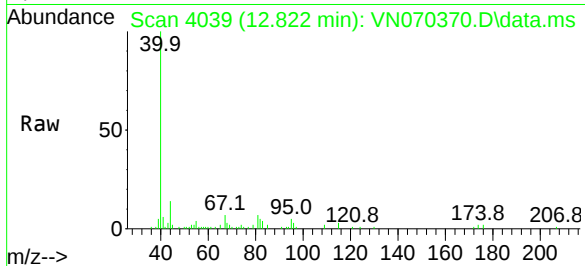




#75
1,1,2,2-Tetrachloroethane
Concen: 0.506 ug/l
RT: 12.822 min Scan# 4040
Delta R.T. -0.003 min
Lab File: VN070370.D
Acq: 30 Dec 2021 2:03

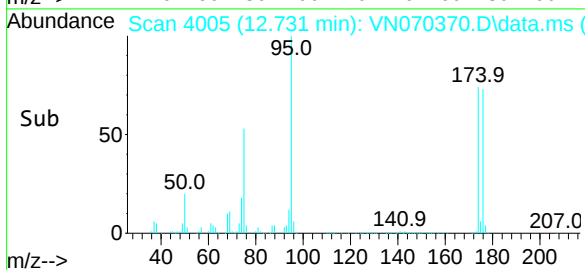
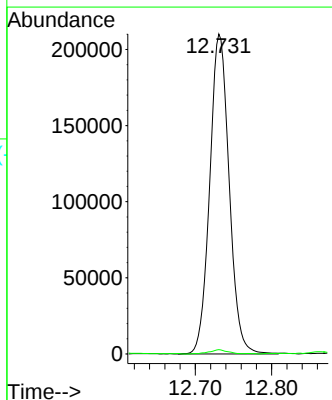
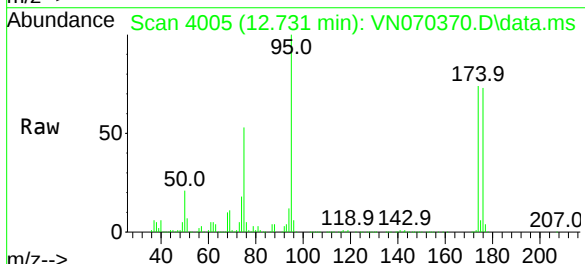
Instrument :
MSVOA_N
ClientSampleId :

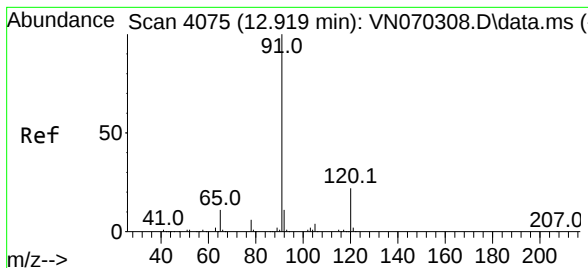
Tgt Ion: 83 Resp: 995
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 84.4 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 26.833 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070370.D
Acq: 30 Dec 2021 2:03

Tgt Ion: 75 Resp: 371171
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#





#78

n-propylbenzene

Concen: 4.075 ug/l

RT: 12.921 min Scan# 4076

Delta R.T. 0.002 min

Lab File: VN070370.D

Acq: 30 Dec 2021 2:03

Instrument :

MSVOA_N

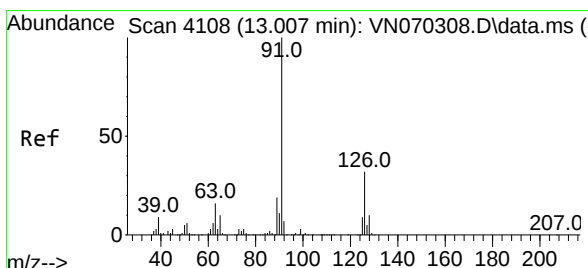
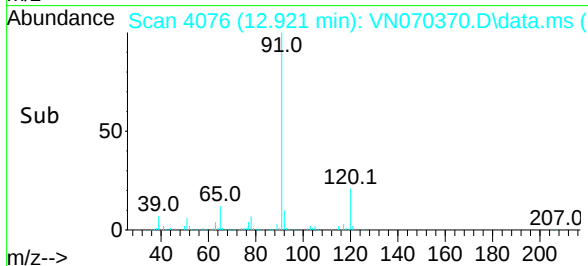
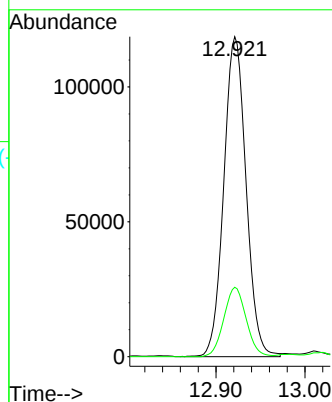
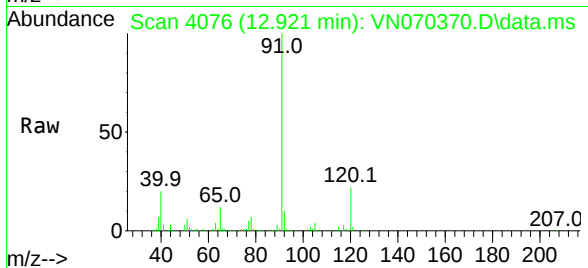
ClientSampleId :

Tgt Ion: 91 Resp: 206194

Ion Ratio Lower Upper

91 100

120 21.8 11.9 35.9



#79

2-Chlorotoluene

Concen: 6.351 ug/l

RT: 12.921 min Scan# 4076

Delta R.T. -0.086 min

Lab File: VN070370.D

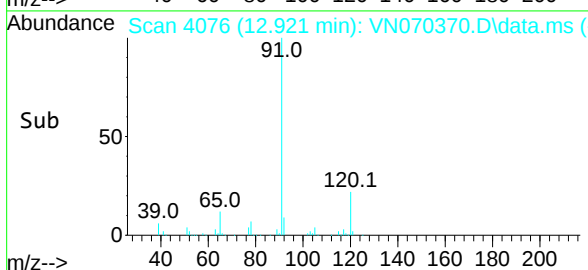
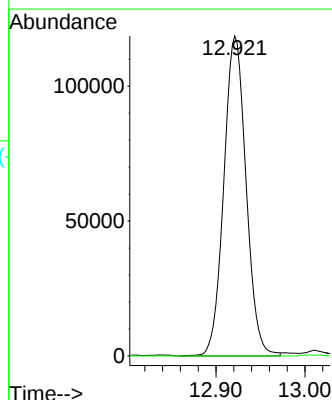
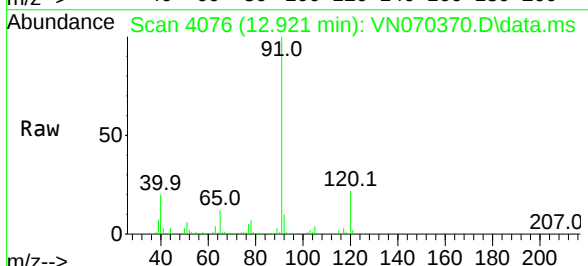
Acq: 30 Dec 2021 2:03

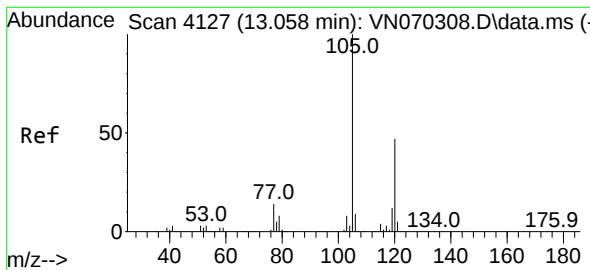
Tgt Ion: 91 Resp: 206194

Ion Ratio Lower Upper

91 100

126 0.0 18.3 54.8#





#80

1,3,5-Trimethylbenzene

Concen: 0.239 ug/l

RT: 13.058 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN070370.D

Acq: 30 Dec 2021 2:03

Instrument :

MSVOA_N

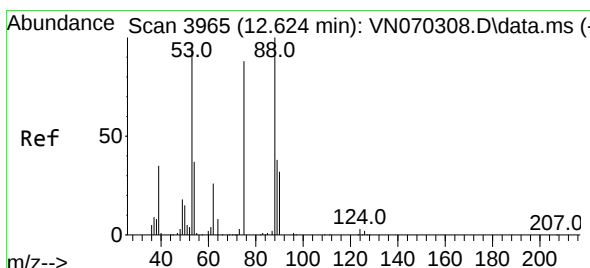
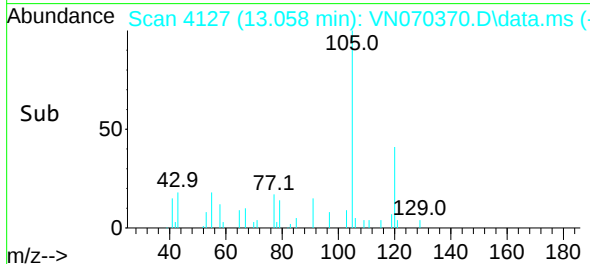
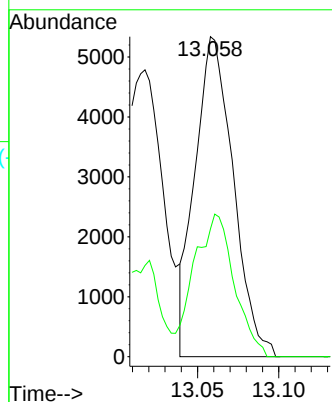
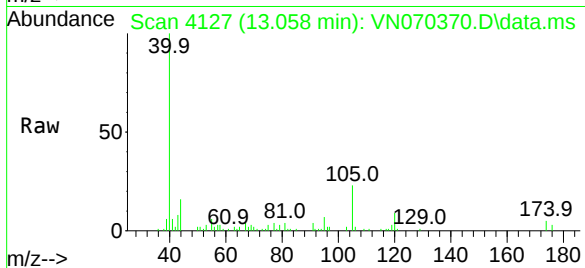
ClientSampleId :

Tgt Ion:105 Resp: 8740

Ion Ratio Lower Upper

105 100

120 46.5 24.6 73.6



#81

trans-1,4-Dichloro-2-butene

Concen: 92.210 ug/l

RT: 12.731 min Scan# 4005

Delta R.T. 0.107 min

Lab File: VN070370.D

Acq: 30 Dec 2021 2:03

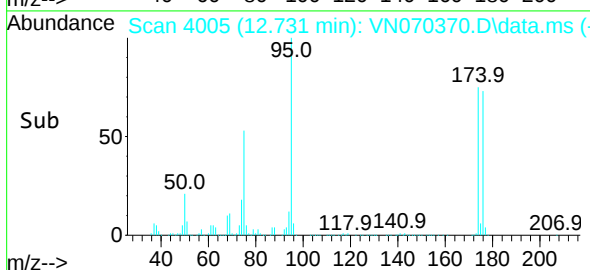
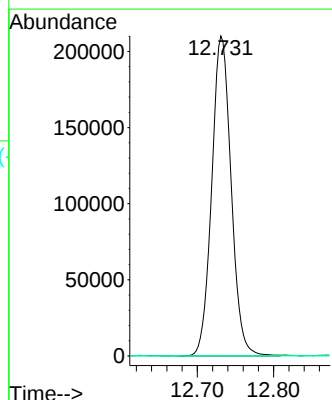
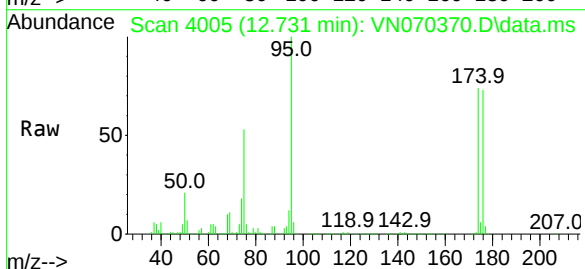
Tgt Ion: 75 Resp: 371171

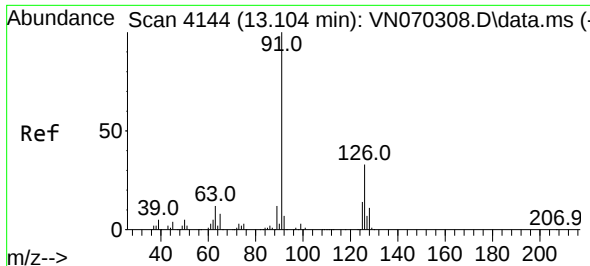
Ion Ratio Lower Upper

75 100

53 0.2 90.5 135.7#

89 0.0 38.2 57.4#

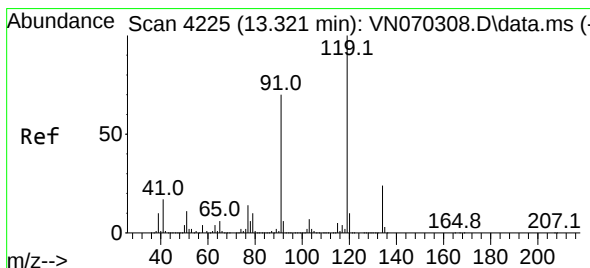
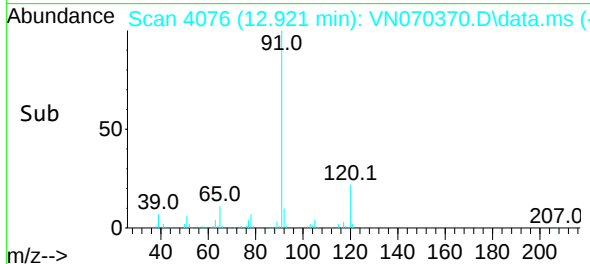
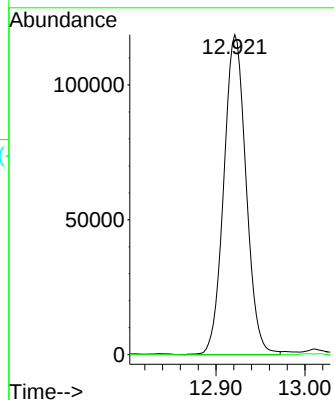
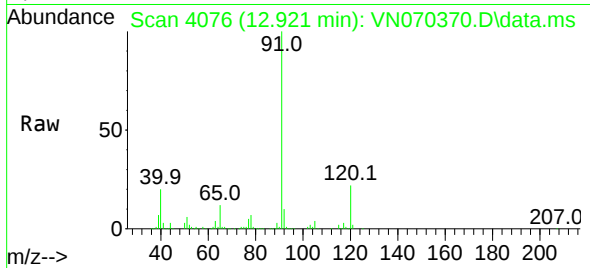




#82
4-Chlorotoluene
Concen: 6.780 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.183 min
Lab File: VN070370.D
Acq: 30 Dec 2021 2:03

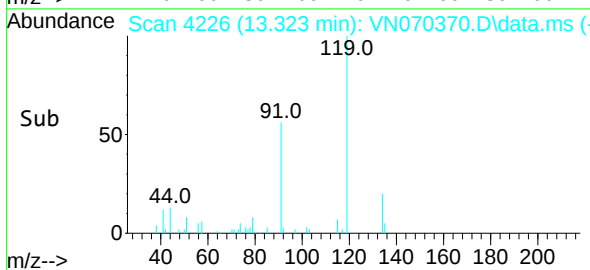
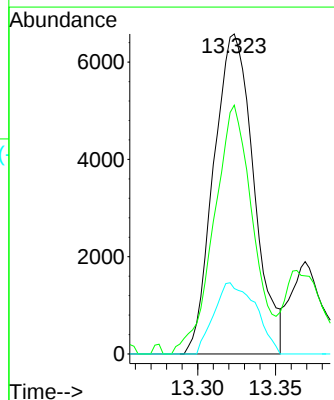
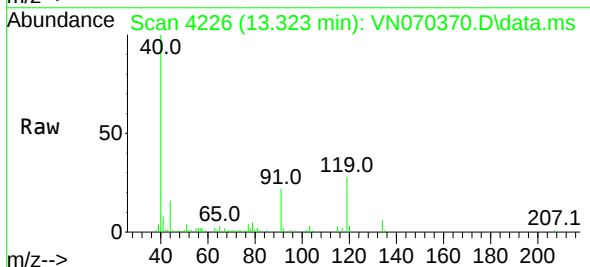
Instrument :
MSVOA_N
ClientSampleId :

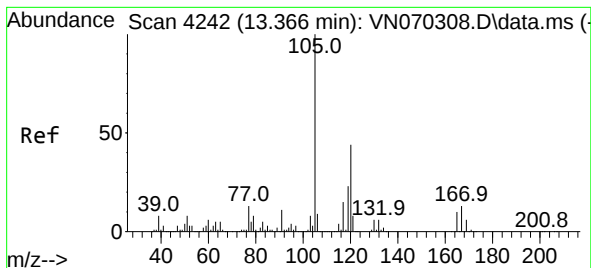
Tgt Ion: 91 Resp: 206194
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#



#83
tert-Butylbenzene
Concen: 0.366 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. 0.002 min
Lab File: VN070370.D
Acq: 30 Dec 2021 2:03

Tgt Ion: 119 Resp: 11798
Ion Ratio Lower Upper
119 100
91 74.8 31.5 94.5
134 23.0 12.4 37.4





#84

1,2,4-Trimethylbenzene

Concen: 0.615 ug/l

RT: 13.369 min Scan# 4242

Delta R.T. 0.003 min

Lab File: VN070370.D

Acq: 30 Dec 2021 2:03

Instrument :

MSVOA_N

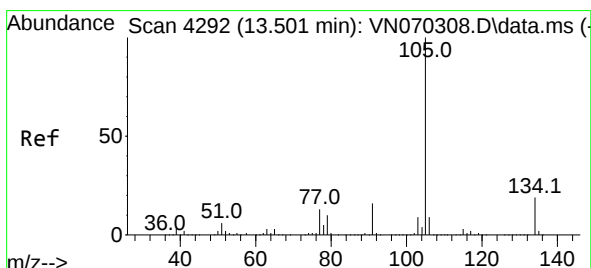
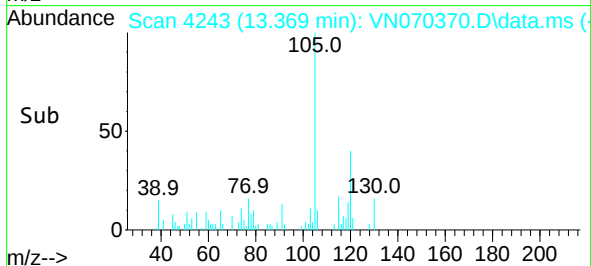
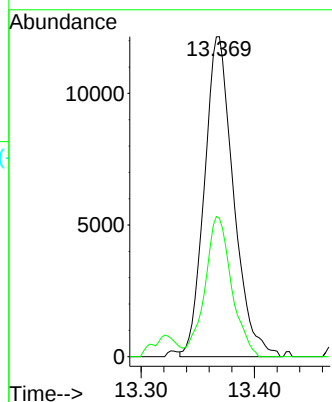
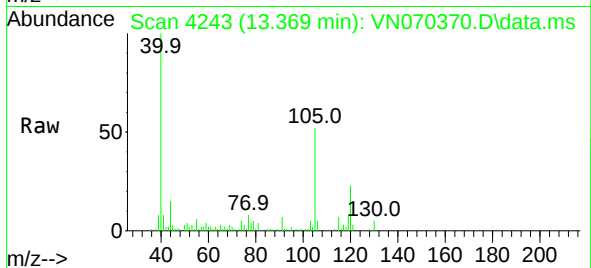
ClientSampleId :

Tgt Ion:105 Resp: 21658

Ion Ratio Lower Upper

105 100

120 40.1 22.8 68.4



#85

sec-Butylbenzene

Concen: 1.535 ug/l

RT: 13.503 min Scan# 4293

Delta R.T. 0.002 min

Lab File: VN070370.D

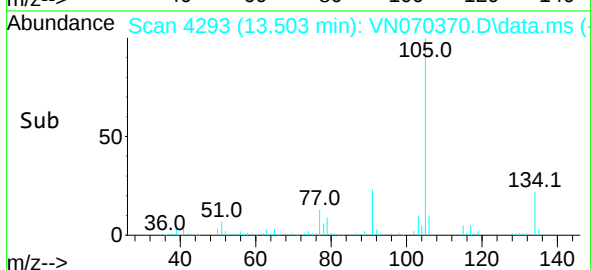
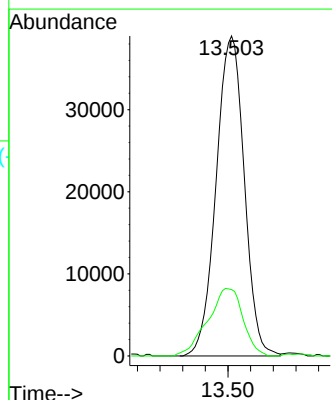
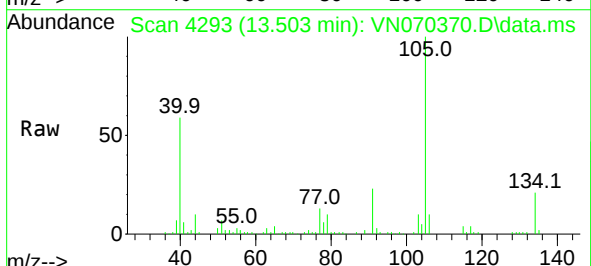
Acq: 30 Dec 2021 2:03

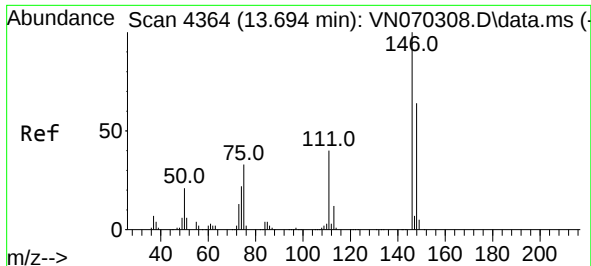
Tgt Ion:105 Resp: 67139

Ion Ratio Lower Upper

105 100

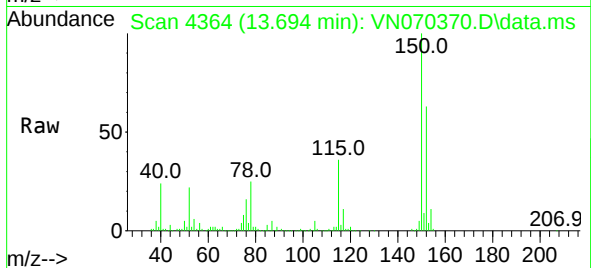
134 26.4 10.4 31.1



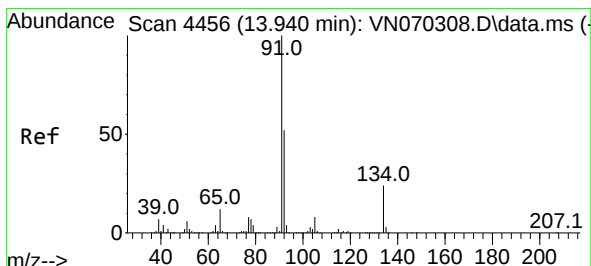
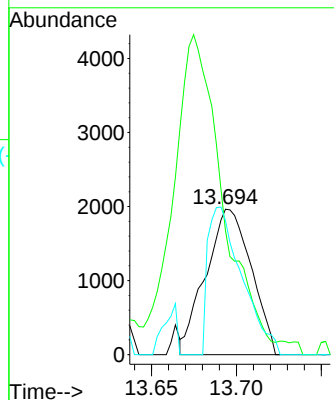
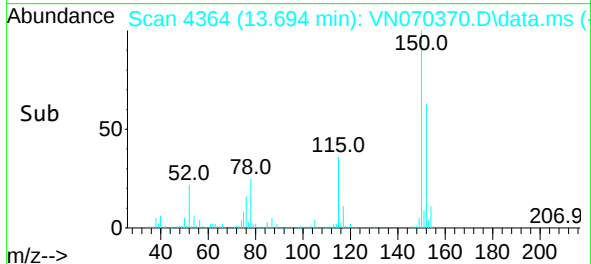


#88
1,4-Dichlorobenzene
Concen: 0.211 ug/l
RT: 13.694 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN070370.D
Acq: 30 Dec 2021 2:03

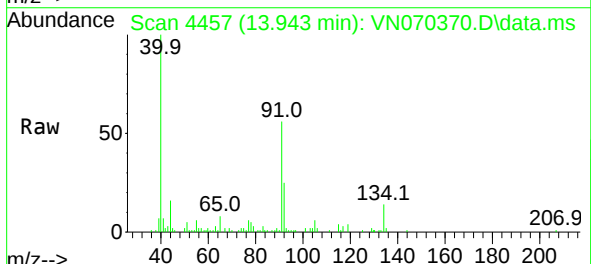
Instrument :
MSVOA_N
ClientSampleId :



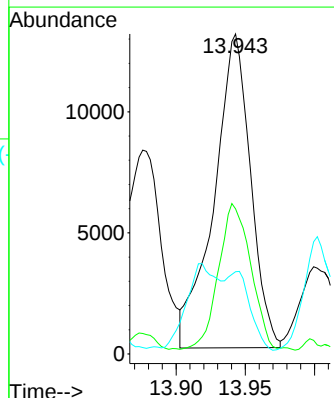
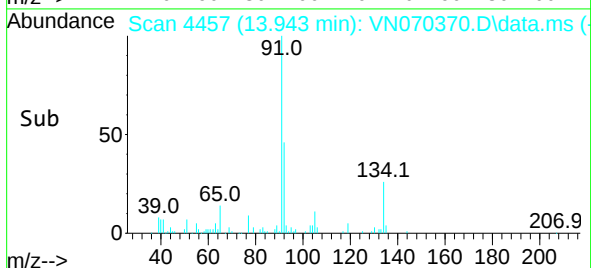
Tgt Ion:146 Resp: 3661
Ion Ratio Lower Upper
146 100
111 0.0 18.3 54.8#
148 75.9 31.8 95.4

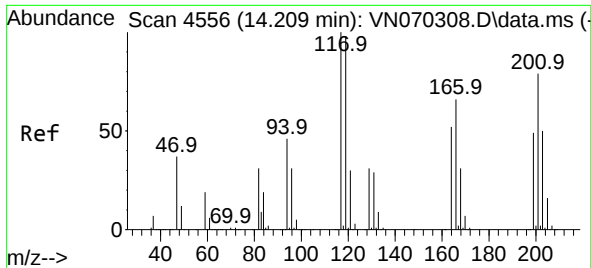


#89
n-Butylbenzene
Concen: 0.829 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.003 min
Lab File: VN070370.D
Acq: 30 Dec 2021 2:03



Tgt Ion: 91 Resp: 23776
Ion Ratio Lower Upper
91 100
92 44.3 25.4 76.0
134 0.0 13.6 40.8#

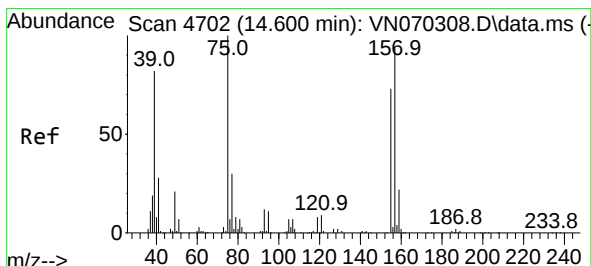
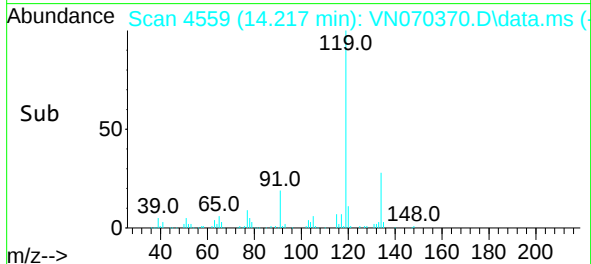
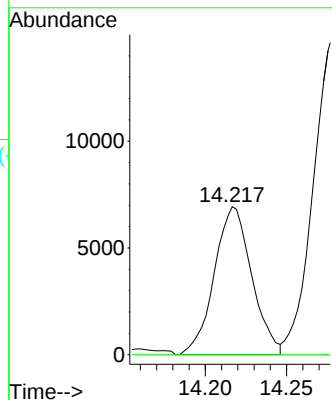
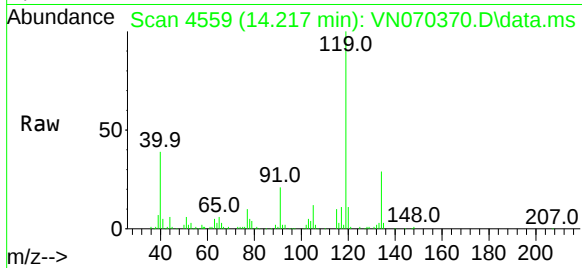




#90
Hexachloroethane
Concen: 1.862 ug/l
RT: 14.217 min Scan# 411
Delta R.T. 0.008 min
Lab File: VN070370.D
Acq: 30 Dec 2021 2:03

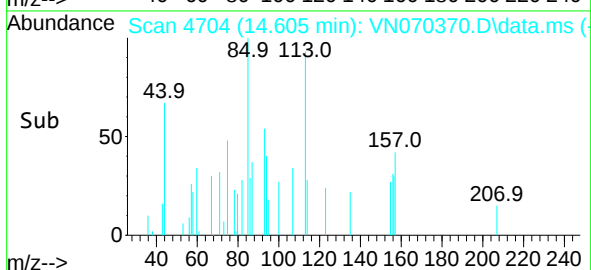
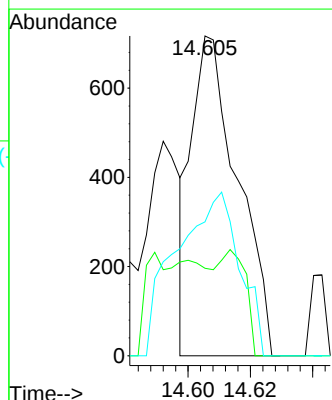
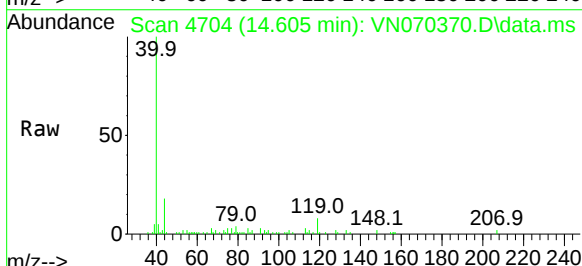
Instrument :
MSVOA_N
ClientSampleId :

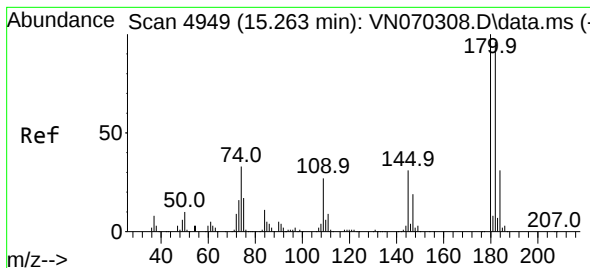
Tgt Ion:117 Resp: 11118
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.279 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. 0.005 min
Lab File: VN070370.D
Acq: 30 Dec 2021 2:03

Tgt Ion: 75 Resp: 739
Ion Ratio Lower Upper
75 100
155 0.0 46.9 140.7#
157 70.2 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 0.649 ug/l

RT: 15.262 min Scan# 4949

Delta R.T. -0.001 min

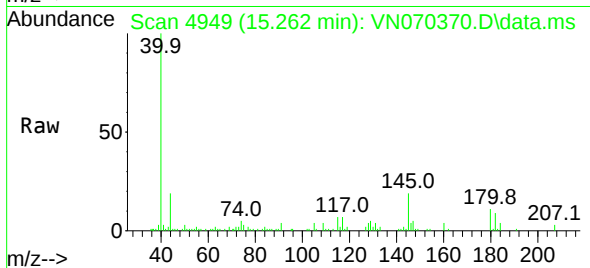
Lab File: VN070370.D

Acq: 30 Dec 2021 2:03

Instrument :

MSVOA_N

ClientSampleId :



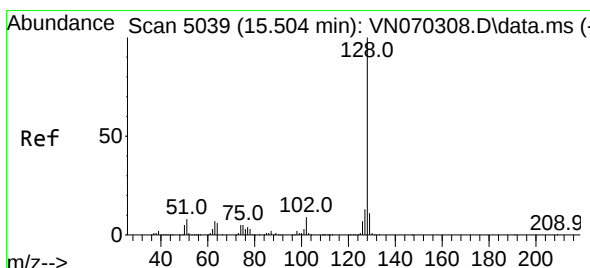
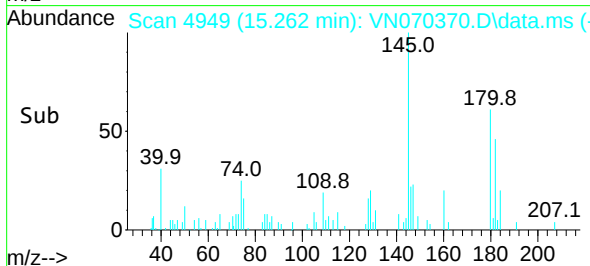
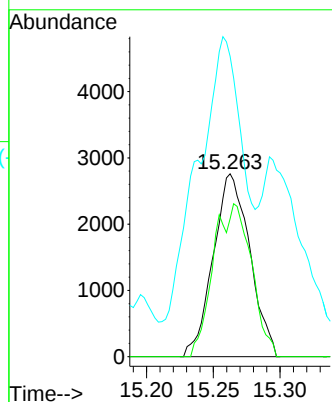
Tgt Ion:180 Resp: 5259

Ion Ratio Lower Upper

180 100

182 35.7 48.3 144.9#

145 192.8 14.5 43.5#



#95

Naphthalene

Concen: 3.634 ug/l

RT: 15.507 min Scan# 5040

Delta R.T. 0.003 min

Lab File: VN070370.D

Acq: 30 Dec 2021 2:03

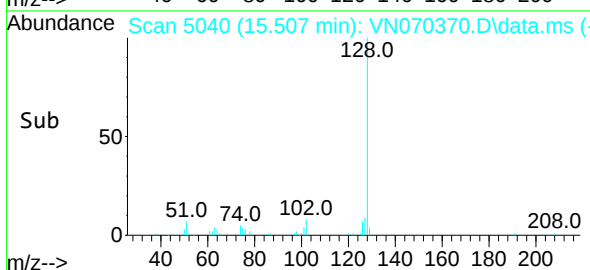
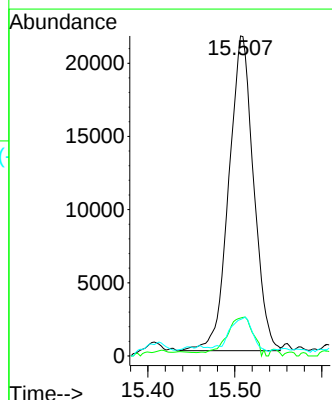
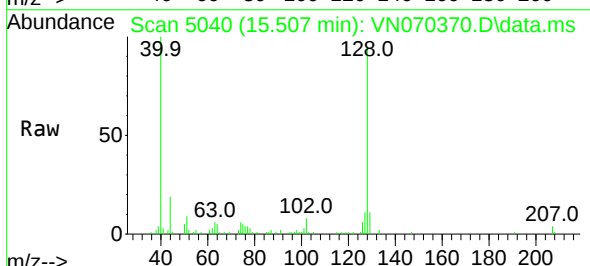
Tgt Ion:128 Resp: 42706

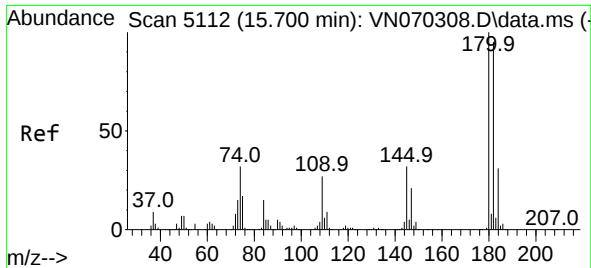
Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

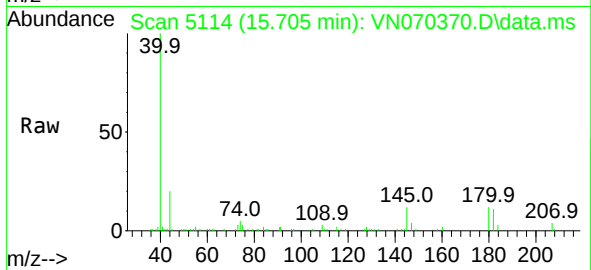
129 10.0 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.588 ug/l
 RT: 15.705 min Scan# 51
 Delta R.T. 0.005 min
 Lab File: VN070370.D
 Acq: 30 Dec 2021 2:03

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.4	142.2
145	0.0	15.0	45.1#

