

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011322\
 Data File : VN070604.D
 Acq On : 13 Jan 2022 11:46
 Operator : JC/MD
 Sample : VN0113WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0113WBL01

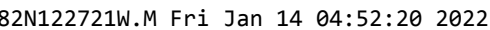
Quant Time: Jan 14 04:52:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

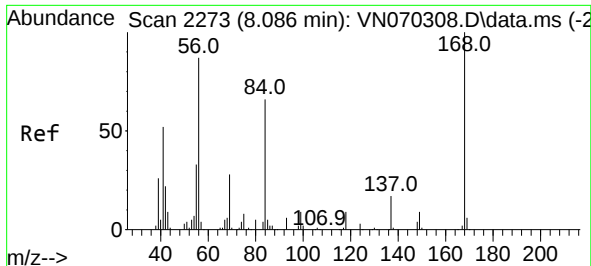
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.083	168	855144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1471688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1294814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	430960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	646044	52.544	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.080%			
35) Dibromofluoromethane	8.021	113	467872	52.544	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.080%			
50) Toluene-d8	10.440	98	1834178	50.423	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.840%			
62) 4-Bromofluorobenzene	12.731	95	652338	49.652	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.300%			
Target Compounds					Qvalue	
3) Chloromethane	2.306	50	3002	0.228	ug/l	95
13) Acrolein	4.047	56	997	0.600	ug/l #	56
16) Acetone	4.299	43	6321	0.792	ug/l	94
18) Methyl Acetate	4.862	43	11935	0.517	ug/l #	63
25) 2-Butanone	7.348	43	2713	0.270	ug/l #	90
31) Cyclohexane	8.086	56	19799	1.020	ug/l #	6
36) 1,1-Dichloropropene	8.083	75	68186	4.629	ug/l #	49
38) Carbon Tetrachloride	8.086	117	82291	5.850	ug/l #	16
43) Isopropyl Acetate	8.630	43	17172	0.570	ug/l #	55
58) 2-Chloroethyl Vinyl ether	10.038	63	1551	18.828	ug/l #	65
59) 2-Hexanone	11.089	43	6649	0.482	ug/l	85
71) Bromoform	12.728	173	4814	0.661	ug/l #	1
74) N-amyl acetate	12.393	43	4071	0.242	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.827	83	1049	0.519	ug/l #	90
76) 1,2,3-Trichloropropane	12.731	75	341774	28.057	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	341774	96.893	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.260	180	2880	0.405	ug/l	96
95) Naphthalene	15.504	128	10614	2.318	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.700	180	3381	1.315	ug/l	94

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

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QLast Update : Mon Dec 27 18:47:12 2021
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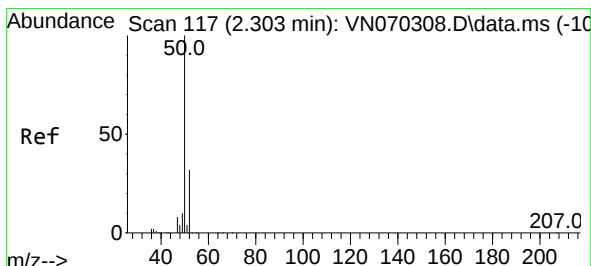
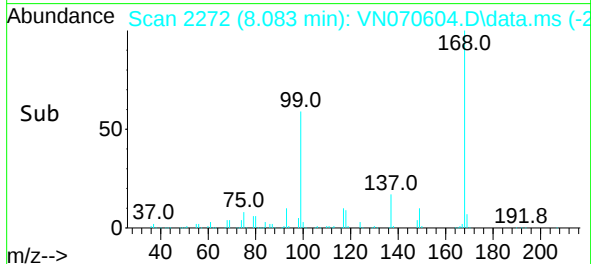
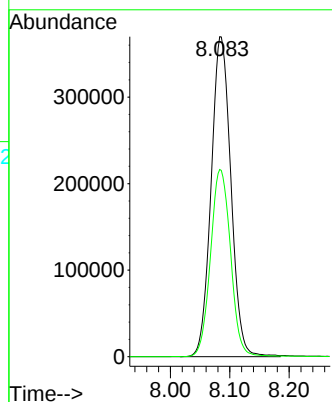
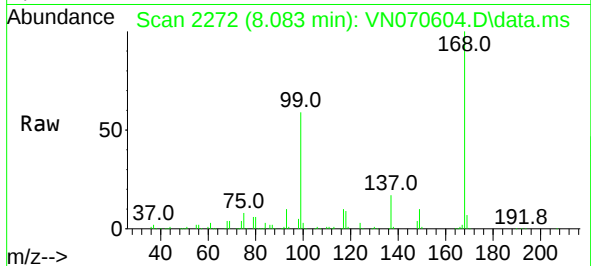




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070604.D
Acq: 13 Jan 2022 11:46

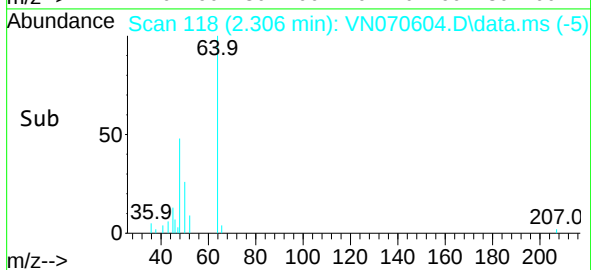
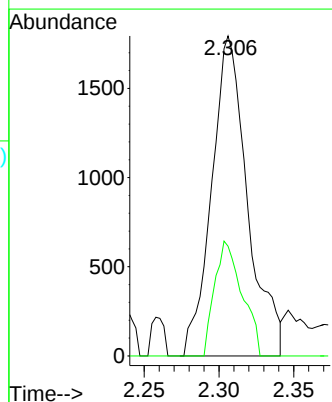
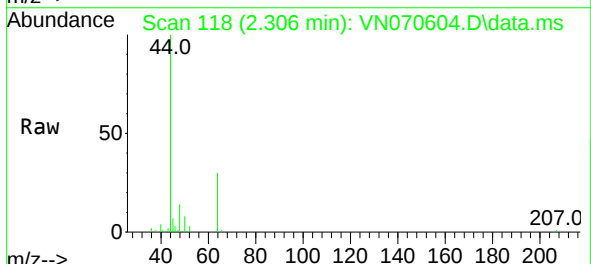
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBL01

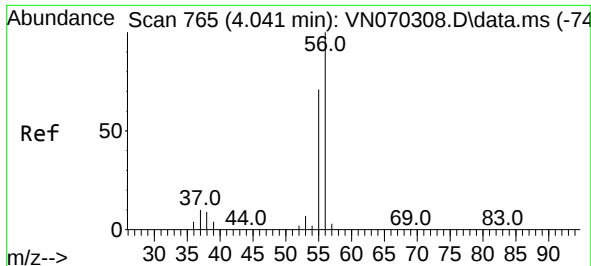
Tgt Ion:168 Resp: 855144
Ion Ratio Lower Upper
168 100
99 58.5 41.3 61.9



#3
Chloromethane
Concen: 0.228 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN070604.D
Acq: 13 Jan 2022 11:46

Tgt Ion: 50 Resp: 3002
Ion Ratio Lower Upper
50 100
52 34.3 25.4 38.0

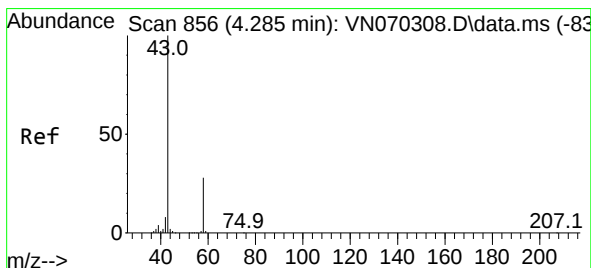
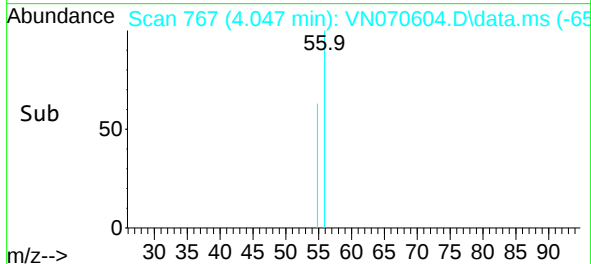
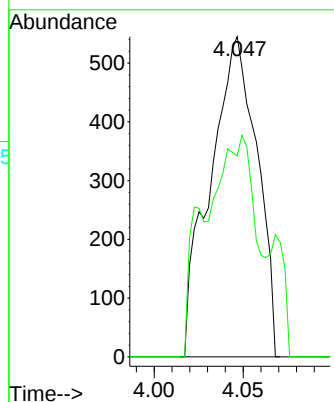
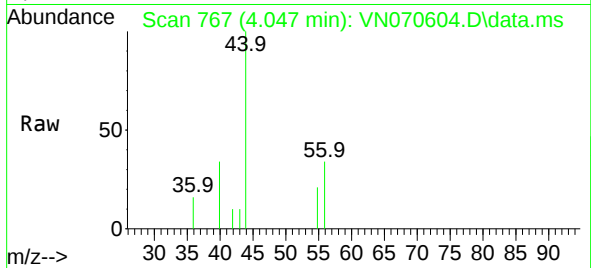




#13
Acrolein
Concen: 0.600 ug/l
RT: 4.047 min Scan# 765
Delta R.T. 0.006 min
Lab File: VN070604.D
Acq: 13 Jan 2022 11:46

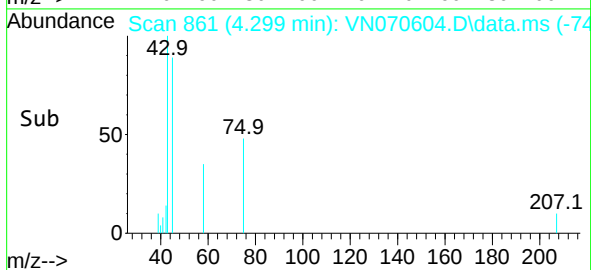
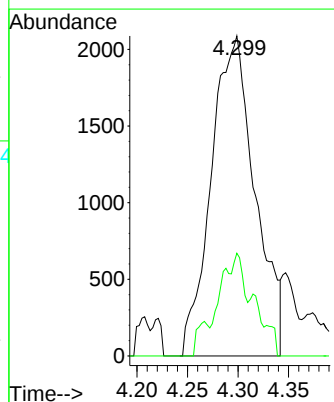
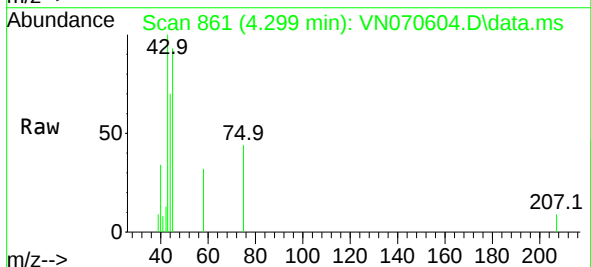
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBL01

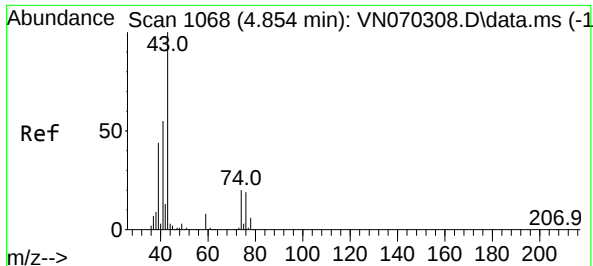
Tgt Ion: 56 Resp: 997
Ion Ratio Lower Upper
56 100
55 34.3 56.6 85.0#



#16
Acetone
Concen: 0.792 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.014 min
Lab File: VN070604.D
Acq: 13 Jan 2022 11:46

Tgt Ion: 43 Resp: 6321
Ion Ratio Lower Upper
43 100
58 32.1 23.1 34.7





#18

Methyl Acetate

Concen: 0.517 ug/l

RT: 4.862 min Scan# 11935

Delta R.T. 0.008 min

Lab File: VN070604.D

Acq: 13 Jan 2022 11:46

Instrument :

MSVOA_N

ClientSampleId :

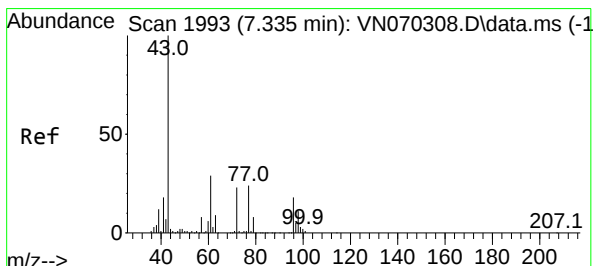
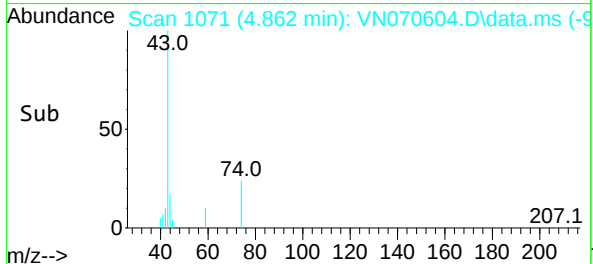
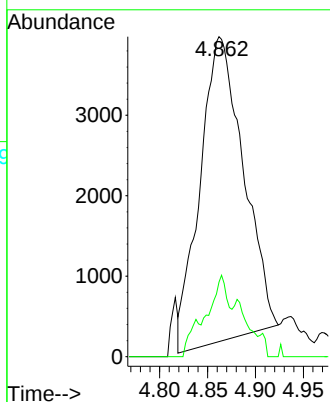
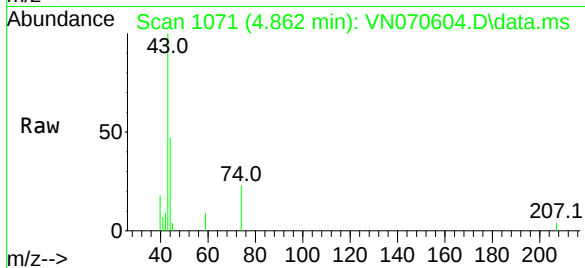
VN0113WBL01

Tgt Ion: 43 Resp: 11935

Ion Ratio Lower Upper

43 100

74 6.2 19.4 29.2#



#25

2-Butanone

Concen: 0.270 ug/l

RT: 7.348 min Scan# 1998

Delta R.T. 0.013 min

Lab File: VN070604.D

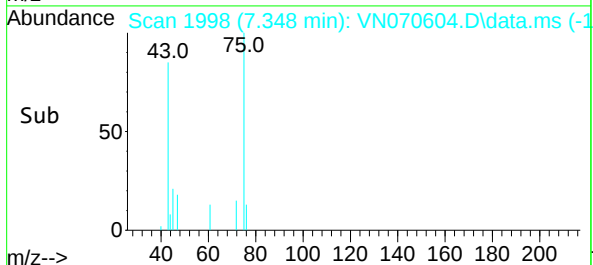
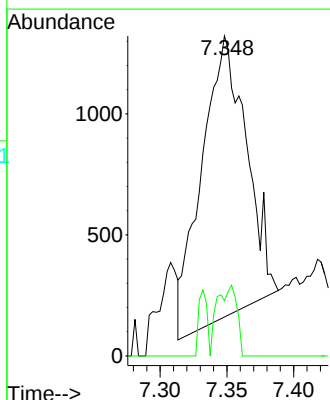
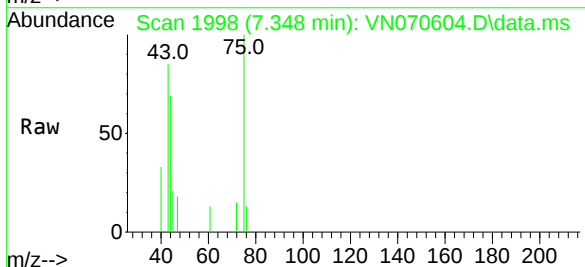
Acq: 13 Jan 2022 11:46

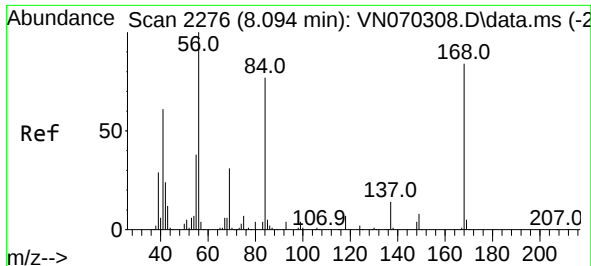
Tgt Ion: 43 Resp: 2713

Ion Ratio Lower Upper

43 100

72 21.7 21.7 32.5#

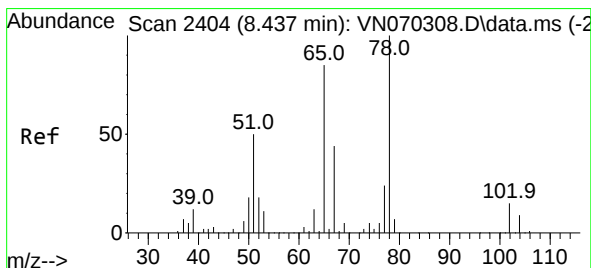
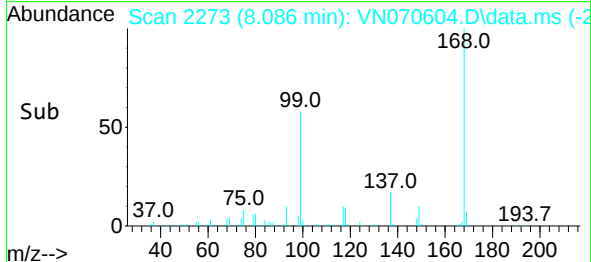
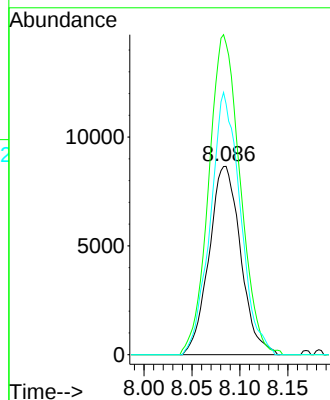
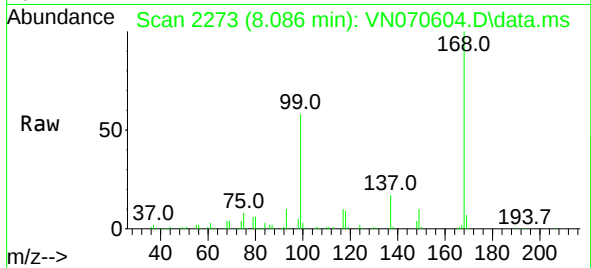




#31
Cyclohexane
Concen: 1.020 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070604.D
Acq: 13 Jan 2022 11:46

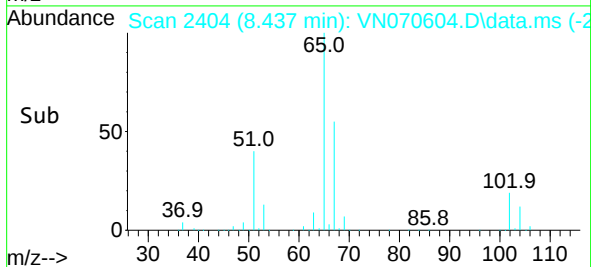
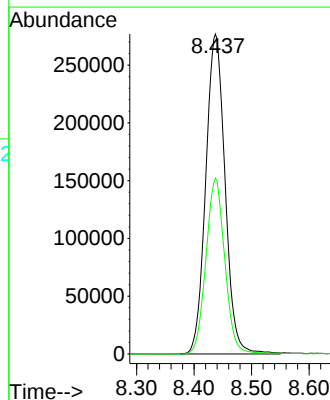
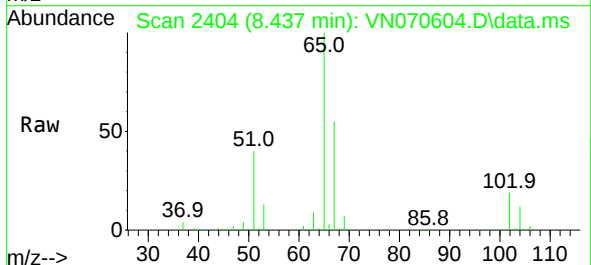
Instrument :
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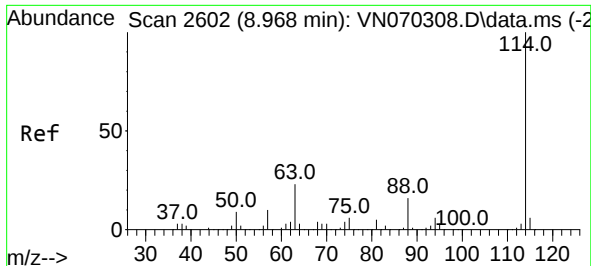
Tgt Ion: 56 Resp: 19799
Ion Ratio Lower Upper
56 100
69 165.1 27.1 40.7#
84 133.0 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 52.544 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070604.D
Acq: 13 Jan 2022 11:46

Tgt Ion: 65 Resp: 646044
Ion Ratio Lower Upper
65 100
67 53.5 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2

Delta R.T. -0.003 min

Lab File: VN070604.D

Acq: 13 Jan 2022 11:46

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBL01

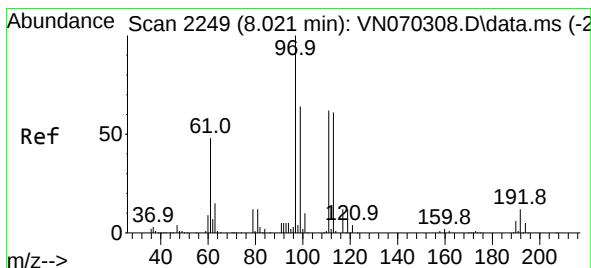
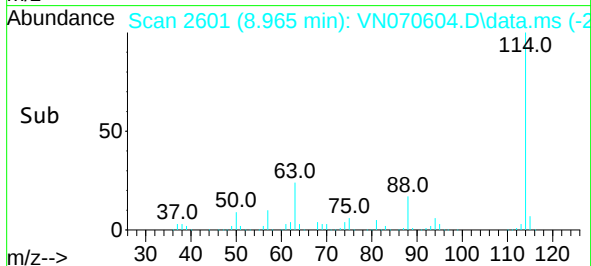
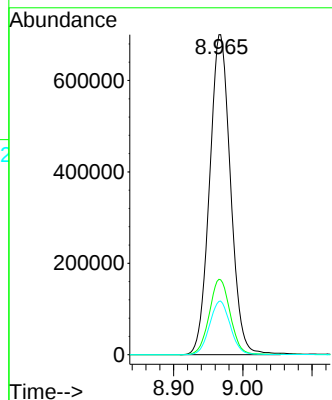
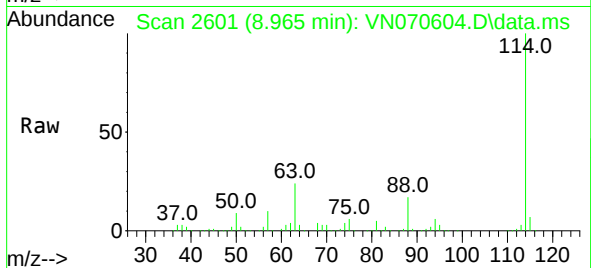
Tgt Ion:114 Resp: 1471688

Ion Ratio Lower Upper

114 100

63 23.6 0.0 37.8

88 16.7 0.0 27.4



#35

Dibromofluoromethane

Concen: 52.544 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.000 min

Lab File: VN070604.D

Acq: 13 Jan 2022 11:46

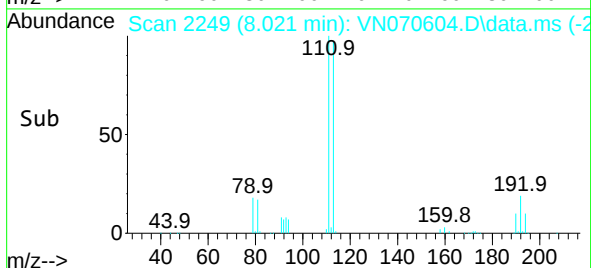
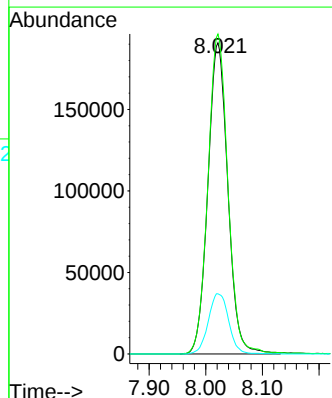
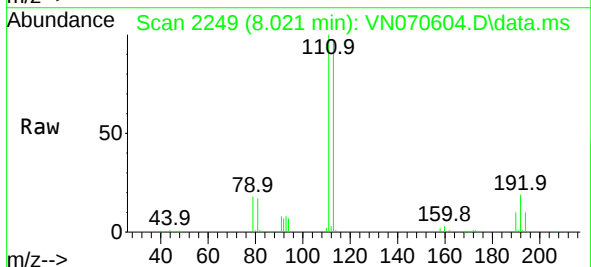
Tgt Ion:113 Resp: 467872

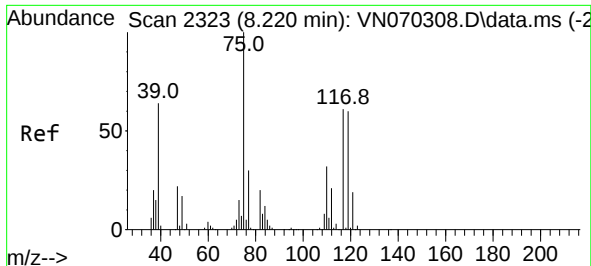
Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.2

192 19.8 16.9 25.3

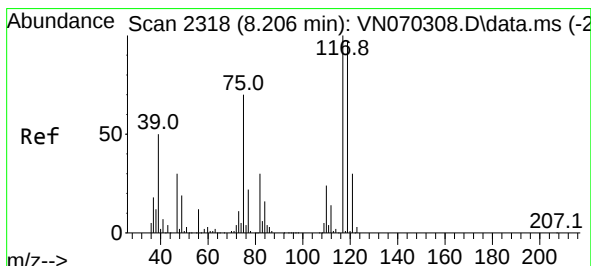
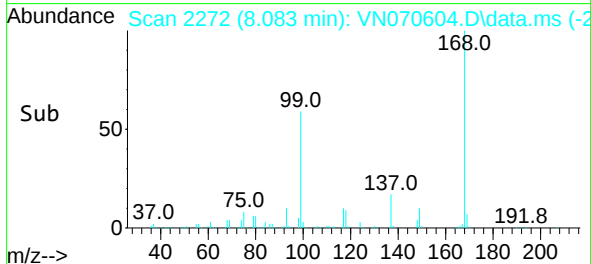
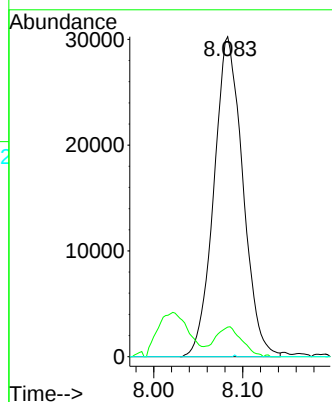
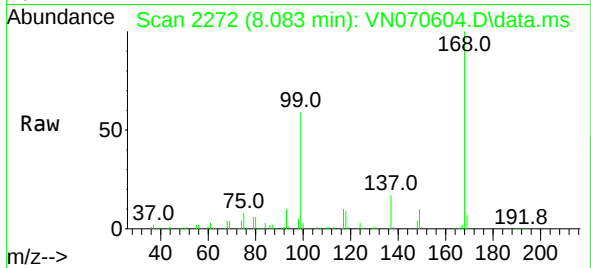




#36
1,1-Dichloropropene
Concen: 4.629 ug/l
RT: 8.083 min Scan# 211
Delta R.T. -0.137 min
Lab File: VN070604.D
Acq: 13 Jan 2022 11:46

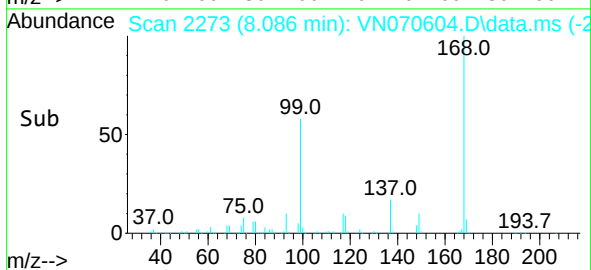
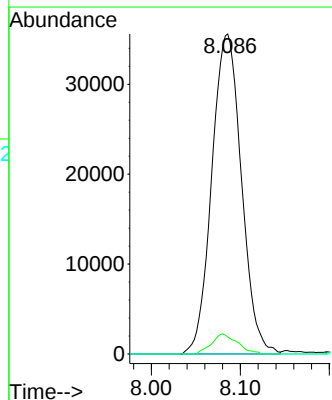
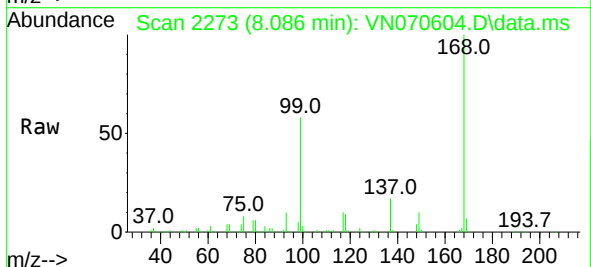
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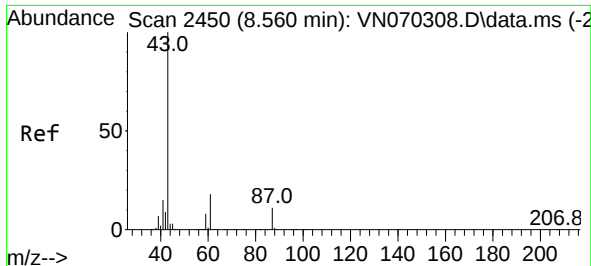
Tgt Ion: 75 Resp: 68186
Ion Ratio Lower Upper
75 100
110 8.5 18.4 55.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.850 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN070604.D
Acq: 13 Jan 2022 11:46

Tgt Ion: 117 Resp: 82291
Ion Ratio Lower Upper
117 100
119 5.3 76.1 114.1#
121 0.0 24.2 36.2#

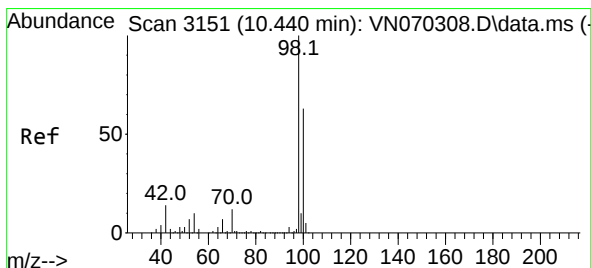
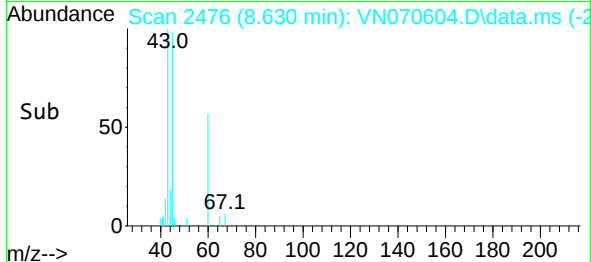
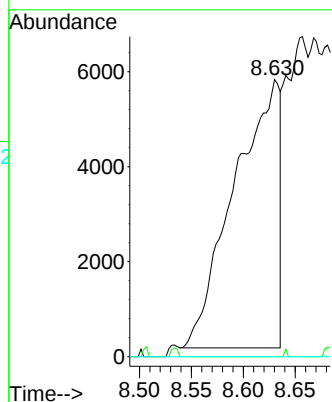
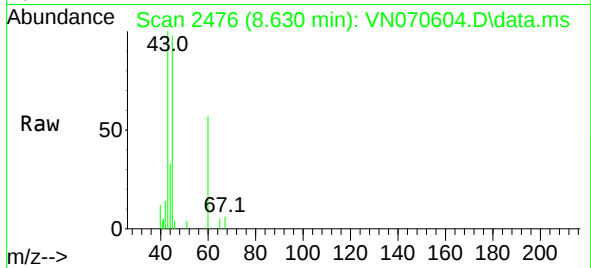




#43
Isopropyl Acetate
Concen: 0.570 ug/l
RT: 8.630 min Scan# 2450
Delta R.T. 0.070 min
Lab File: VN070604.D
Acq: 13 Jan 2022 11:46

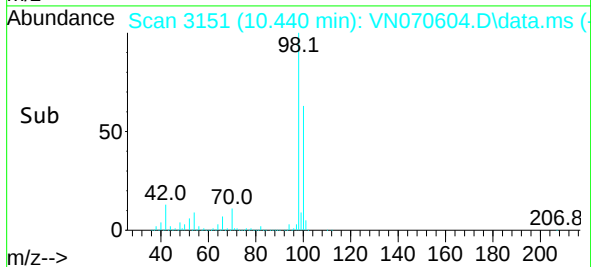
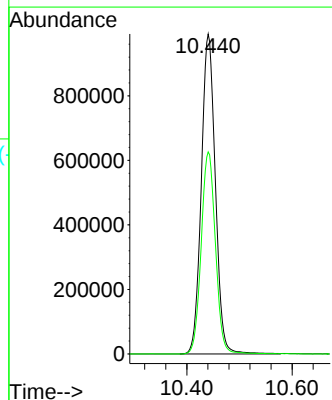
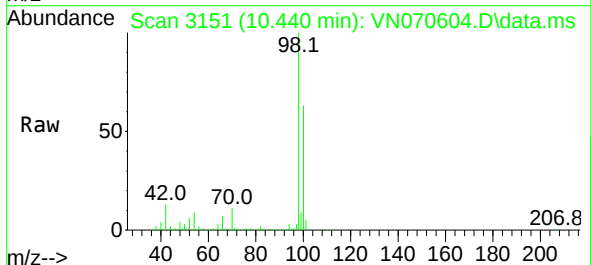
Instrument :
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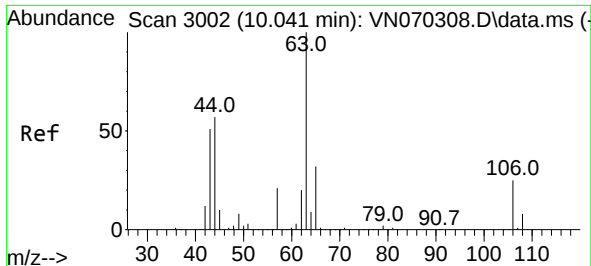
Tgt Ion: 43 Resp: 17172
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#50
Toluene-d8
Concen: 50.423 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070604.D
Acq: 13 Jan 2022 11:46

Tgt Ion: 98 Resp: 1834178
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6

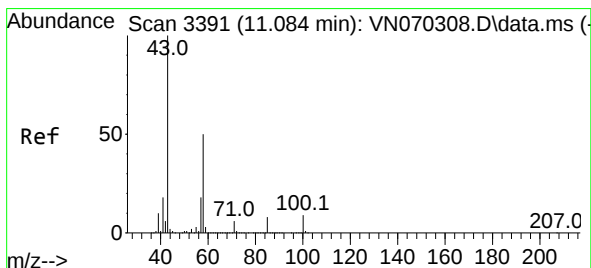
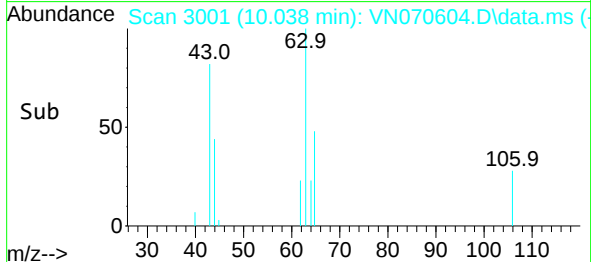
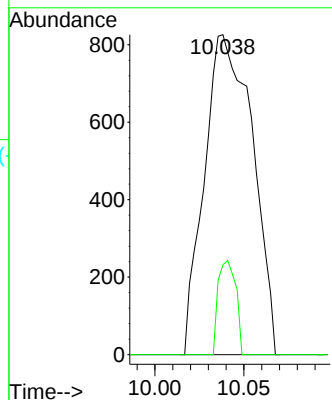
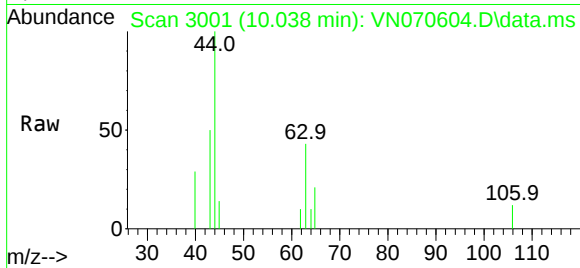




#58
2-Chloroethyl Vinyl ether
Concen: 18.828 ug/l
RT: 10.038 min Scan# 3001
Delta R.T. -0.003 min
Lab File: VN070604.D
Acq: 13 Jan 2022 11:46

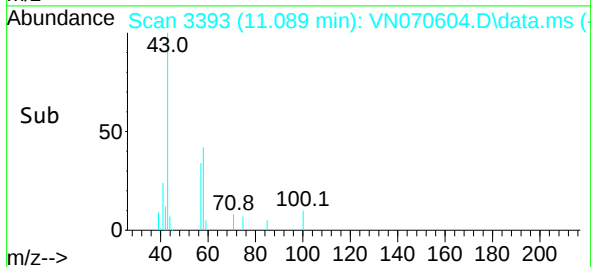
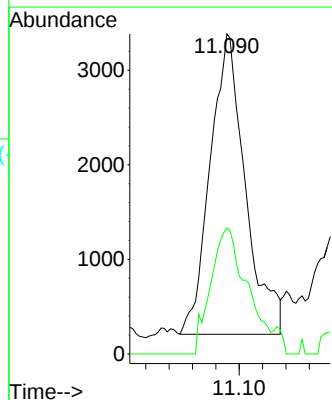
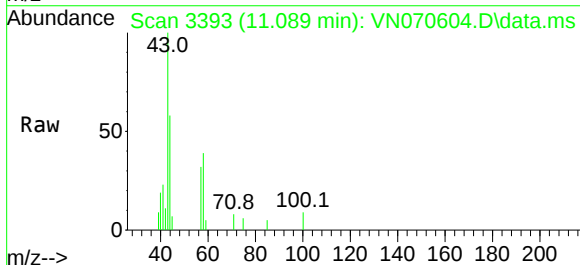
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBL01

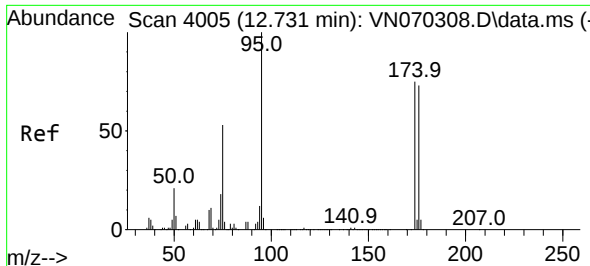
Tgt Ion: 63 Resp: 1551
Ion Ratio Lower Upper
63 100
106 10.8 23.9 35.9#



#59
2-Hexanone
Concen: 0.482 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.005 min
Lab File: VN070604.D
Acq: 13 Jan 2022 11:46

Tgt Ion: 43 Resp: 6649
Ion Ratio Lower Upper
43 100
58 42.9 26.9 80.7

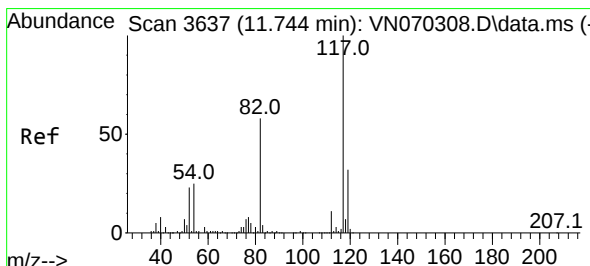
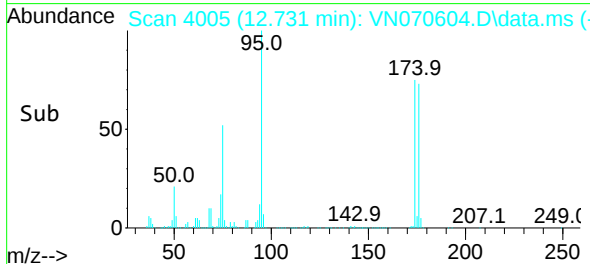
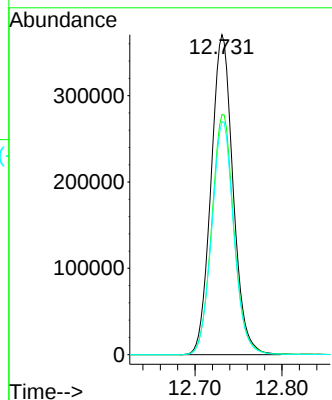
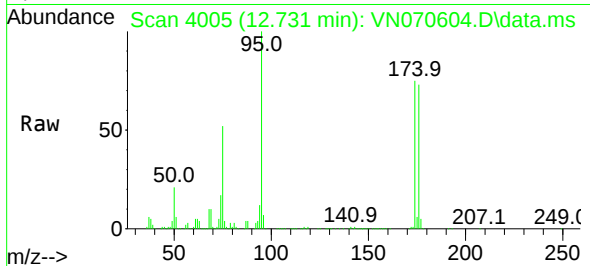




#62
4-Bromofluorobenzene
Concen: 49.652 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070604.D
Acq: 13 Jan 2022 11:46

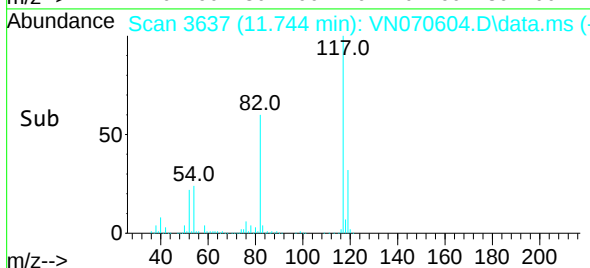
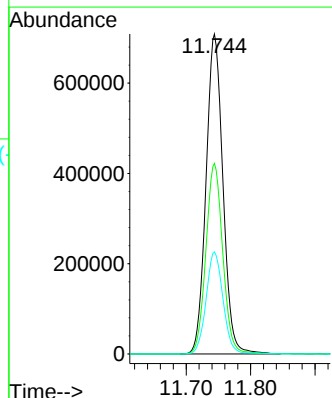
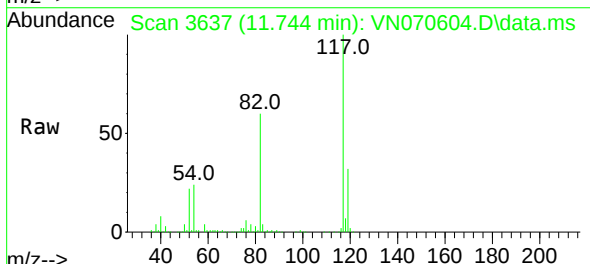
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBL01

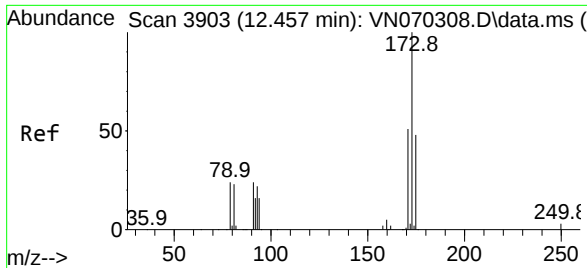
Tgt Ion: 95 Resp: 652338
Ion Ratio Lower Upper
95 100
174 75.8 0.0 187.2
176 73.2 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070604.D
Acq: 13 Jan 2022 11:46

Tgt Ion: 117 Resp: 1294814
Ion Ratio Lower Upper
117 100
82 59.5 42.4 63.6
119 31.9 25.4 38.2

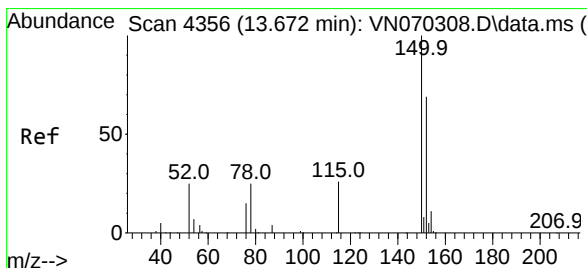
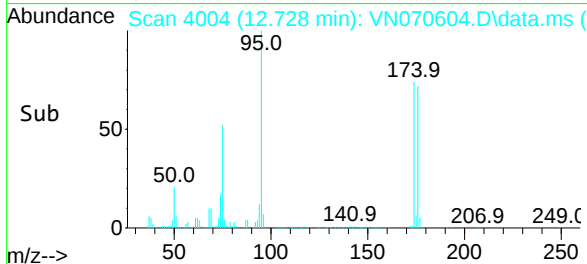
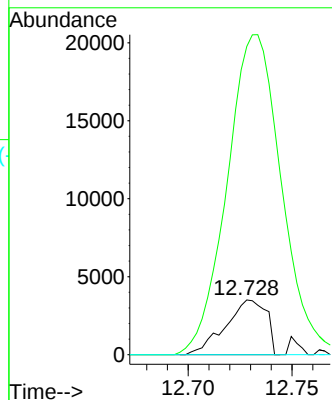
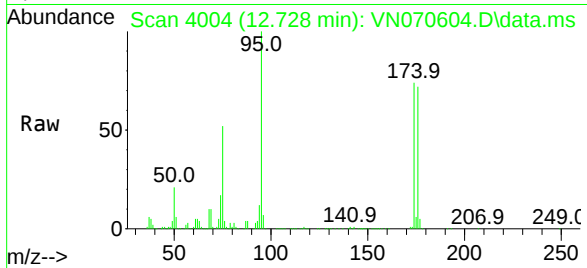




#71
Bromoform
Concen: 0.661 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.271 min
Lab File: VN070604.D
Acq: 13 Jan 2022 11:46

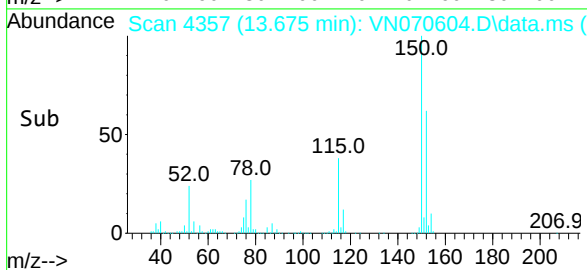
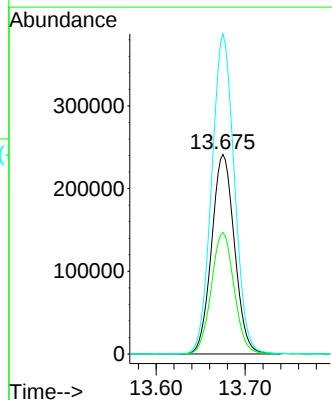
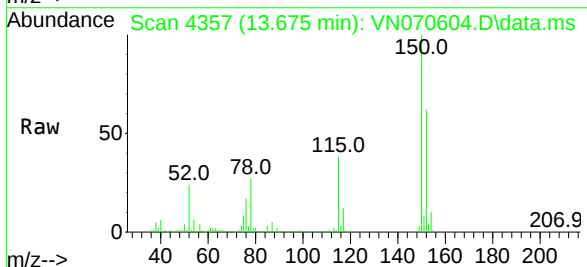
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBL01

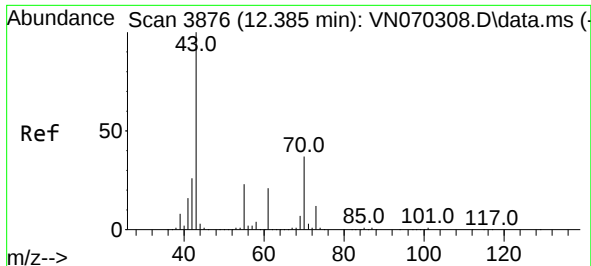
Tgt Ion:173 Resp: 4814
Ion Ratio Lower Upper
173 100
175 703.2 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070604.D
Acq: 13 Jan 2022 11:46

Tgt Ion:152 Resp: 430960
Ion Ratio Lower Upper
152 100
115 60.8 27.5 82.5
150 159.0 0.0 344.4

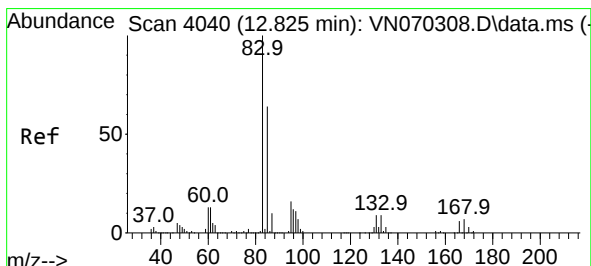
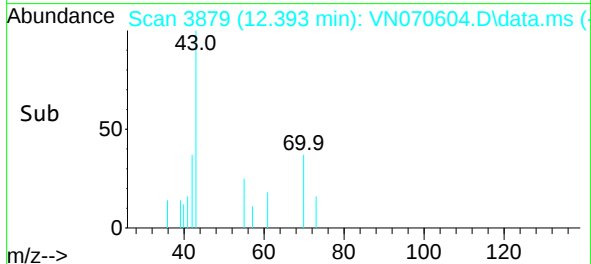
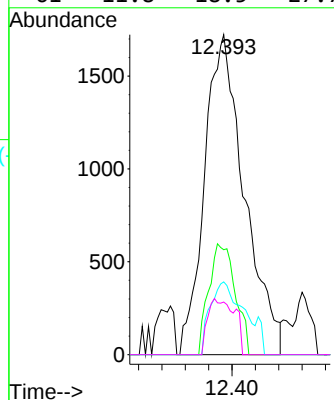
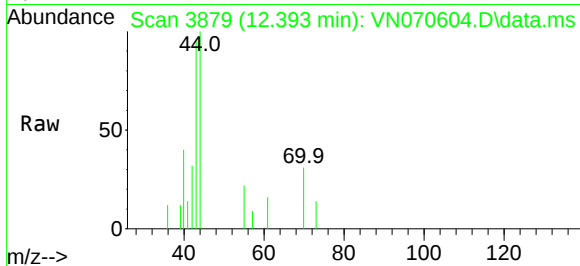




#74
N-amy1 acetate
Concen: 0.242 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.008 min
Lab File: VN070604.D
Acq: 13 Jan 2022 11:46

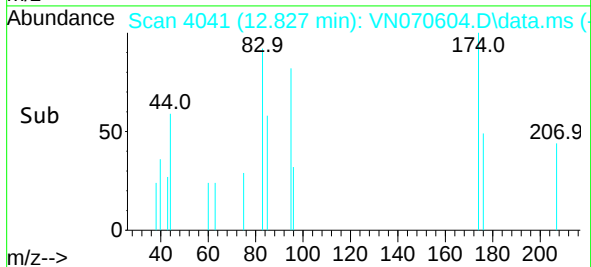
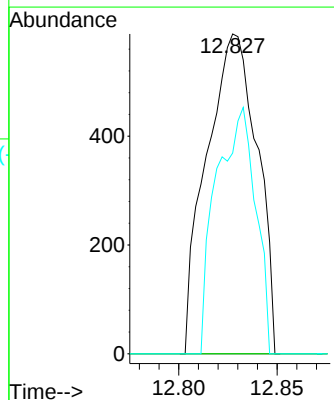
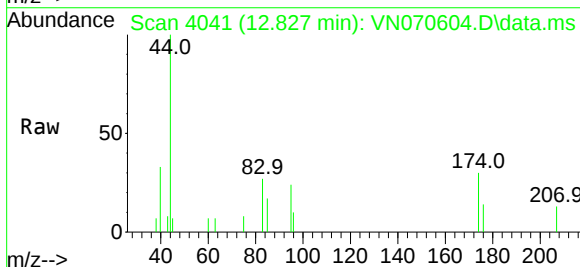
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBL01

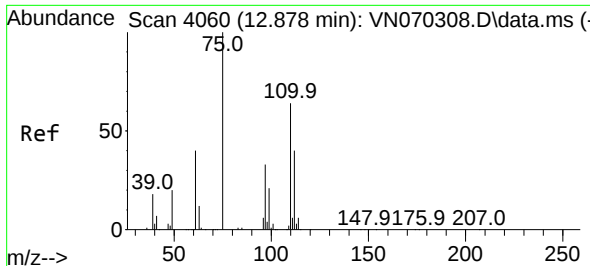
Tgt Ion: 43	Resp: 4071
Ion Ratio	Lower Upper
43	100
70	23.1 33.4 50.0#
55	19.9 19.3 28.9
61	11.8 18.5 27.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.519 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.002 min
Lab File: VN070604.D
Acq: 13 Jan 2022 11:46

Tgt Ion: 83	Resp: 1049
Ion Ratio	Lower Upper
83	100
131	0.0 5.5 16.5#
85	59.8 32.4 97.2

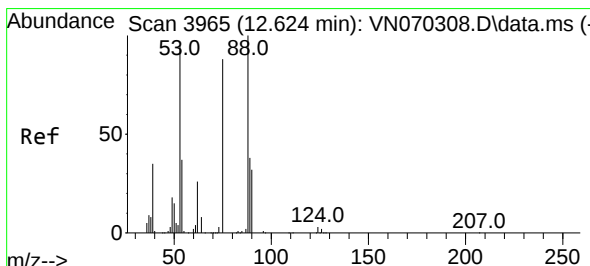
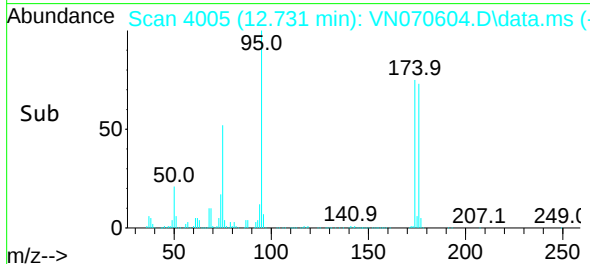
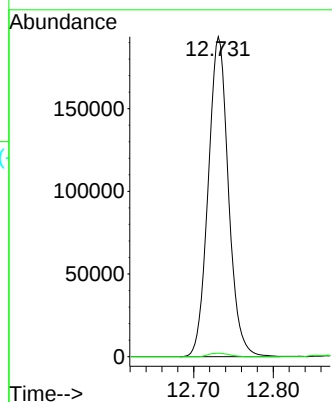
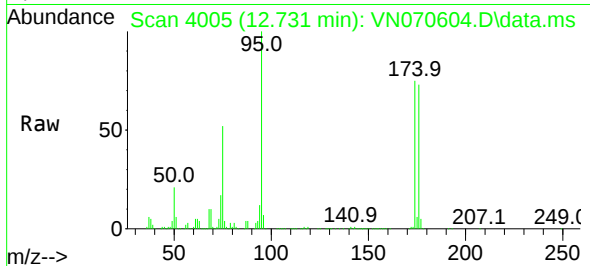




#76
1,2,3-Trichloropropane
Concen: 28.057 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070604.D
Acq: 13 Jan 2022 11:46

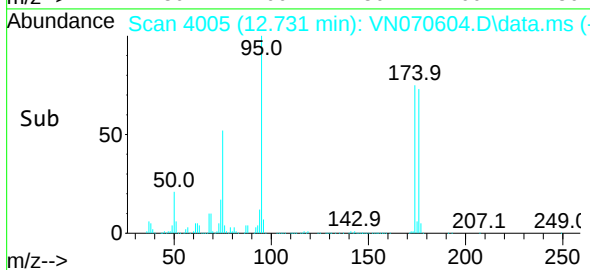
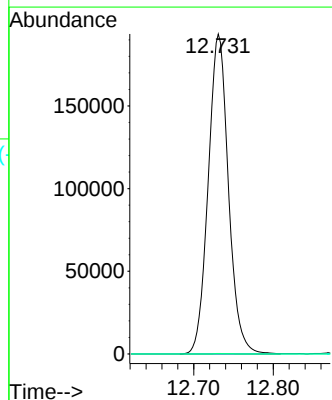
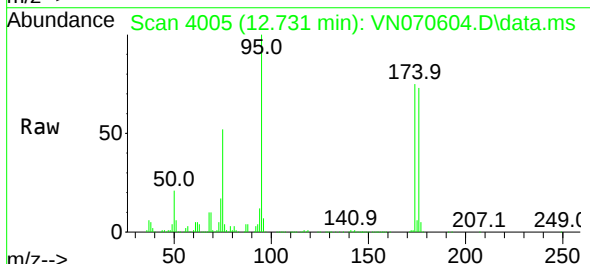
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBL01

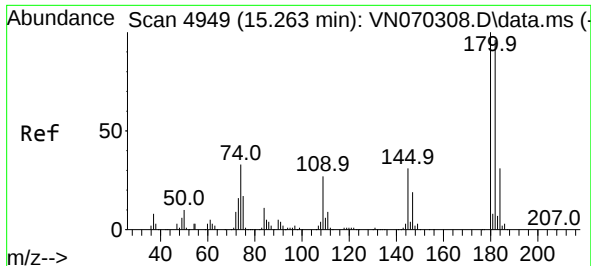
Tgt Ion: 75 Resp: 341774
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.893 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070604.D
Acq: 13 Jan 2022 11:46

Tgt Ion: 75 Resp: 341774
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#

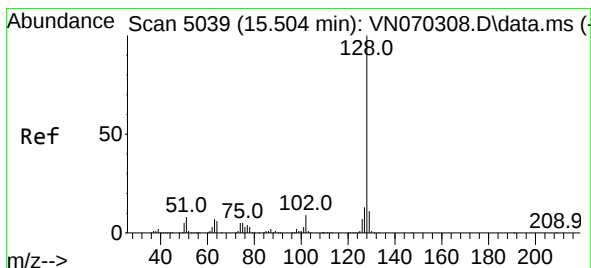
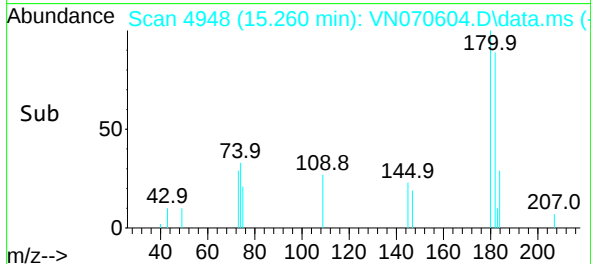
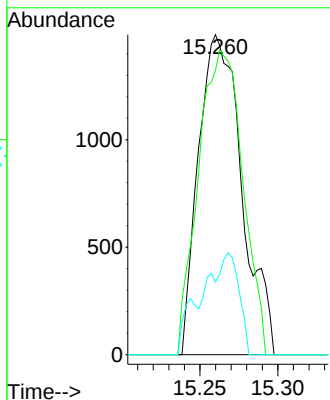
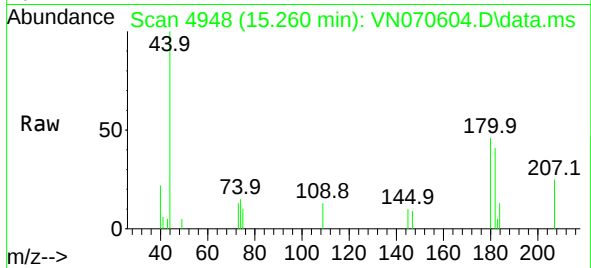




#93
1,2,4-Trichlorobenzene
Concen: 0.405 ug/l
RT: 15.260 min Scan# 4949
Delta R.T. -0.003 min
Lab File: VN070604.D
Acq: 13 Jan 2022 11:46

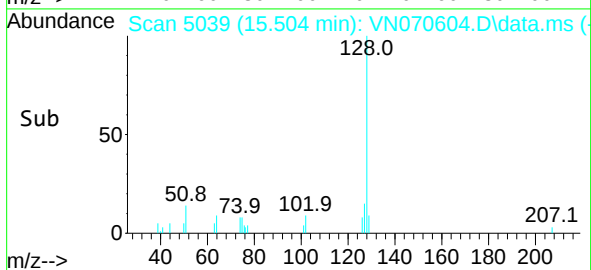
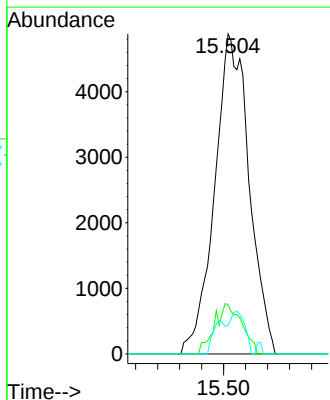
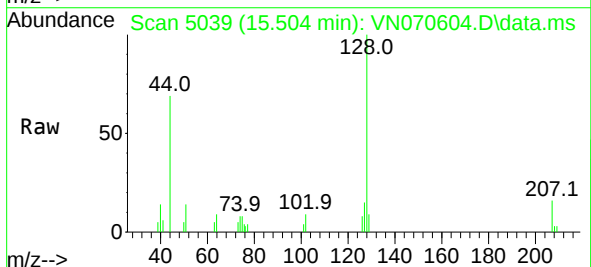
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBL01

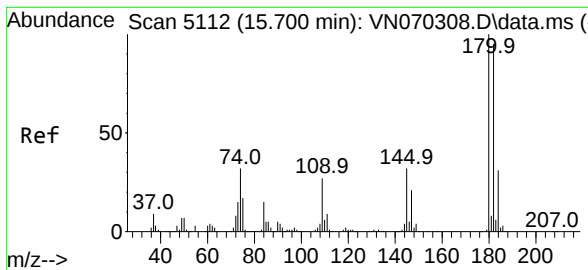
Tgt Ion:	180	Resp:	2880
Ion Ratio	Lower	Upper	
180	100		
182	97.4	48.3	144.9
145	21.6	14.5	43.5



#95
Naphthalene
Concen: 2.318 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. 0.000 min
Lab File: VN070604.D
Acq: 13 Jan 2022 11:46

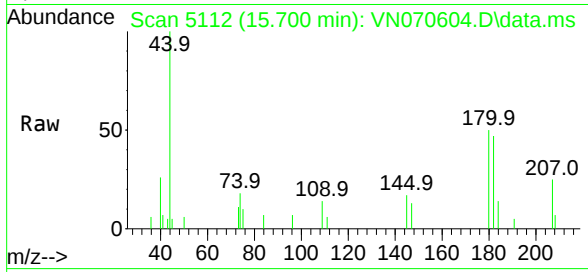
Tgt Ion:	128	Resp:	10614
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.5	15.7
129	3.7	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.315 ug/l
 RT: 15.700 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN070604.D
 Acq: 13 Jan 2022 11:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0113WBL01



Tgt Ion:	180	Resp:	3381
Ion	Ratio	Lower	Upper
180	100		
182	88.6	47.4	142.2
145	27.4	15.0	45.1

