

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121821\
 Data File : VN070212.D
 Acq On : 18 Dec 2021 14:45
 Operator : JC/MD
 Sample : M5044-03 10X
 Misc : 5.94g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 19 08:45:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

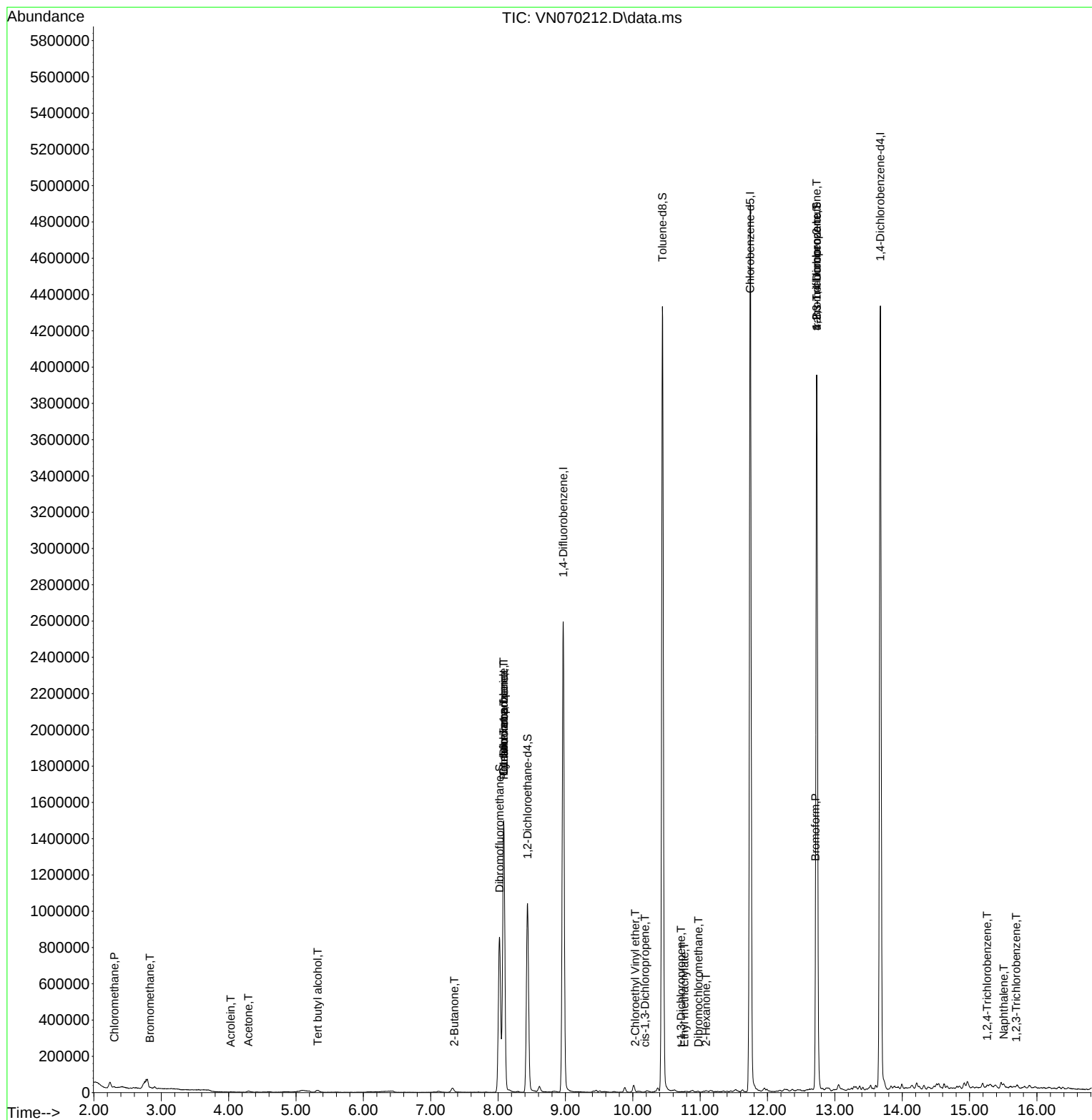
Internal Standards							
1) Pentafluorobenzene		8.086	168	1130636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		8.968	114	2162264	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.744	117	2670713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.675	152	1144719	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.437	65	896837	51.374	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.740%	
35) Dibromofluoromethane		8.021	113	627592	46.337	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.680%	
50) Toluene-d8		10.440	98	2931476	53.904	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.800%	
62) 4-Bromofluorobenzene		12.731	95	1384711	70.283	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	140.560%#	
Target Compounds							
						Qvalue	
3) Chloromethane		2.303	50	3811	0.231	ug/l #	80
5) Bromomethane		2.832	94	2478	0.300	ug/l	95
11) Tert butyl alcohol		5.323	59	11523	3.492	ug/l #	72
13) Acrolein		4.030	56	739	0.263	ug/l	95
16) Acetone		4.293	43	8876	0.845	ug/l #	87
25) 2-Butanone		7.351	43	3797	0.266	ug/l	95
31) Cyclohexane		8.083	56	28344	1.167	ug/l #	17
36) 1,1-Dichloropropene		8.083	75	96164	4.672	ug/l #	43
38) Carbon Tetrachloride		8.083	117	116551	5.774	ug/l #	16
53) t-1,3-Dichloropropene		10.714	75	160	2.800	ug/l #	57
54) cis-1,3-Dichloropropene		10.183	75	56	2.001	ug/l #	32
56) Ethyl methacrylate		10.765	69	295	2.289	ug/l #	50
58) 2-Chloroethyl Vinyl ether		10.038	63	51	18.395	ug/l #	45
59) 2-Hexanone		11.087	43	5393	0.242	ug/l	96
60) Dibromochloromethane		10.974	129	357	2.397	ug/l #	11
71) Bromoform		12.712	173	916	2.784	ug/l #	1
76) 1,2,3-Trichloropropane		12.731	75	757521	23.076	ug/l #	1
81) trans-1,4-Dichloro-2-b...		12.731	75	757521	73.450	ug/l #	5
93) 1,2,4-Trichlorobenzene		15.263	180	3382	3.048	ug/l	85
95) Naphthalene		15.507	128	23176	4.366	ug/l	97
96) 1,2,3-Trichlorobenzene		15.692	180	1733	2.526	ug/l #	1

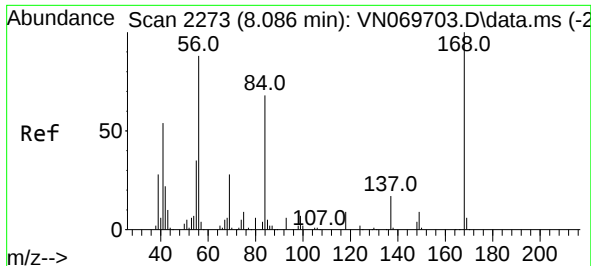
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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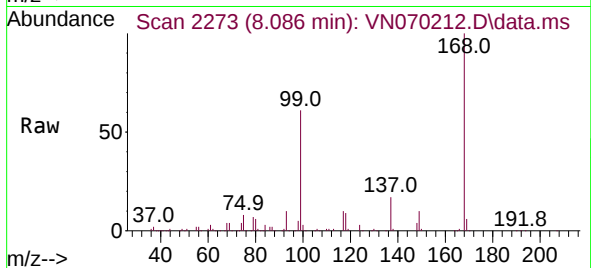
Quant Time: Dec 19 08:45:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
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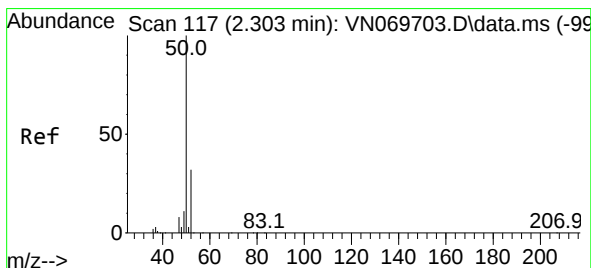
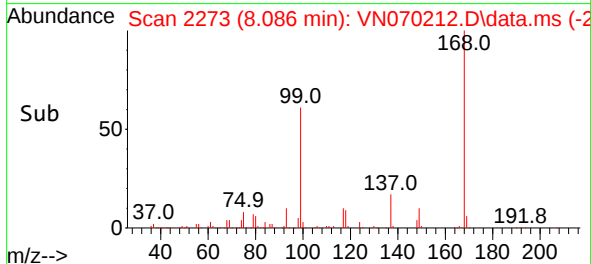
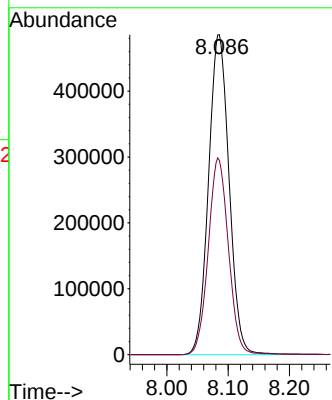


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070212.D
Acq: 18 Dec 2021 14:45

Instrument :
MSVOA_N
ClientSampleId :

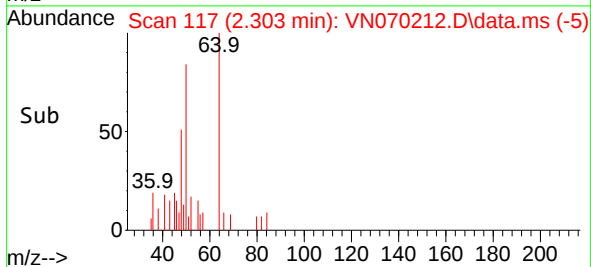
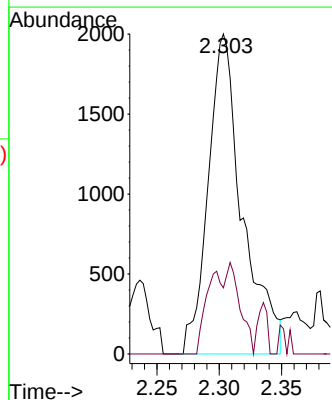
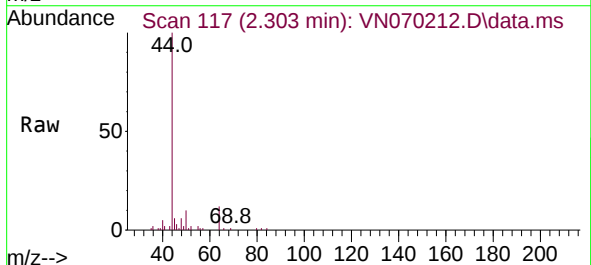


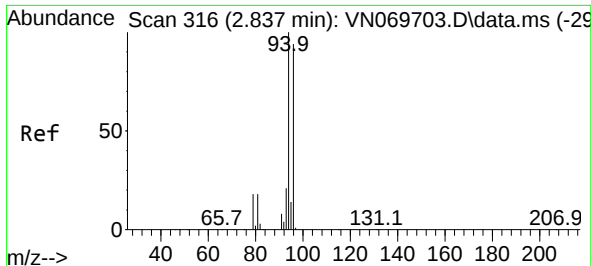
Tgt Ion:168 Resp: 1130636
Ion Ratio Lower Upper
168 100
99 60.7 41.3 61.9



#3
Chloromethane
Concen: 0.231 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070212.D
Acq: 18 Dec 2021 14:45

Tgt Ion: 50 Resp: 3811
Ion Ratio Lower Upper
50 100
52 20.6 25.4 38.0#

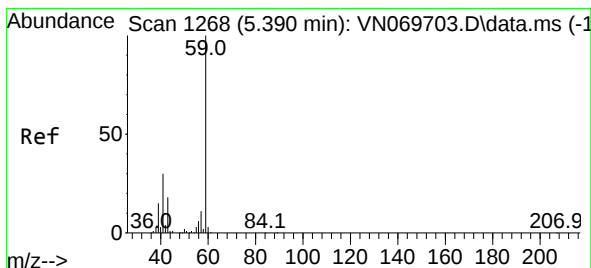
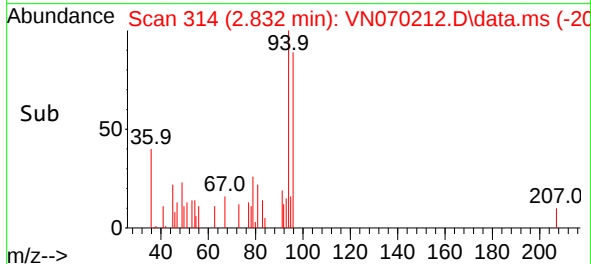
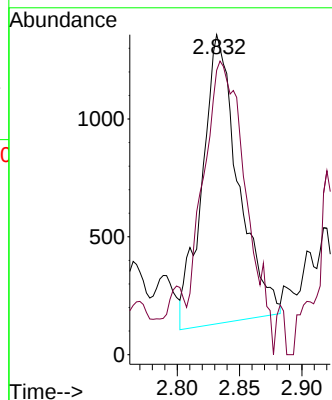
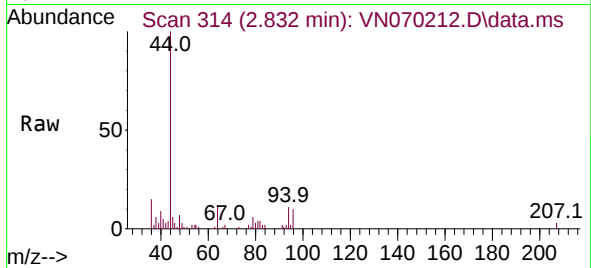




#5
Bromomethane
Concen: 0.300 ug/l
RT: 2.832 min Scan# 316
Delta R.T. -0.005 min
Lab File: VN070212.D
Acq: 18 Dec 2021 14:45

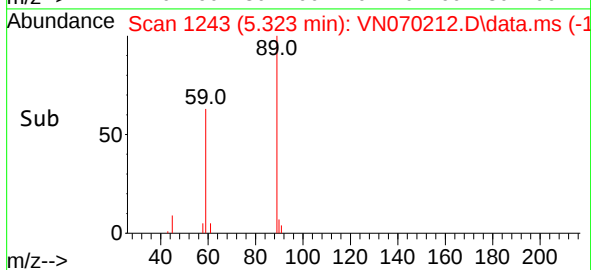
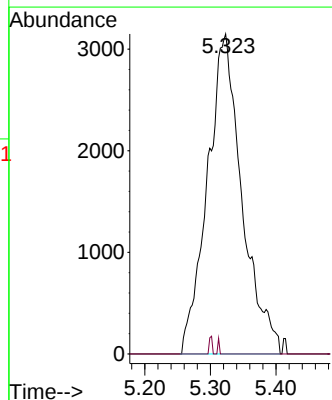
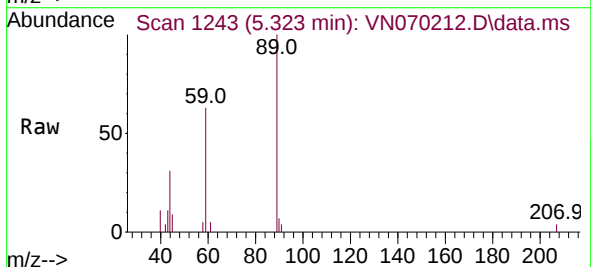
Instrument :
MSVOA_N
ClientSampleId :

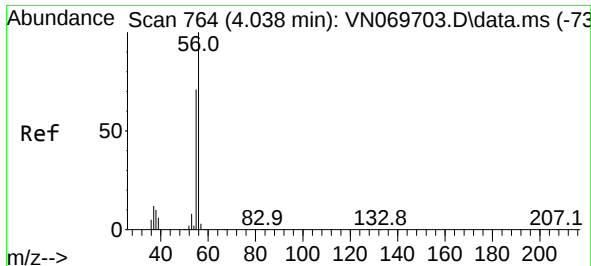
Tgt Ion: 94 Resp: 2478
Ion Ratio Lower Upper
94 100
96 87.1 73.8 110.8



#11
Tert butyl alcohol
Concen: 3.492 ug/l
RT: 5.323 min Scan# 1243
Delta R.T. -0.067 min
Lab File: VN070212.D
Acq: 18 Dec 2021 14:45

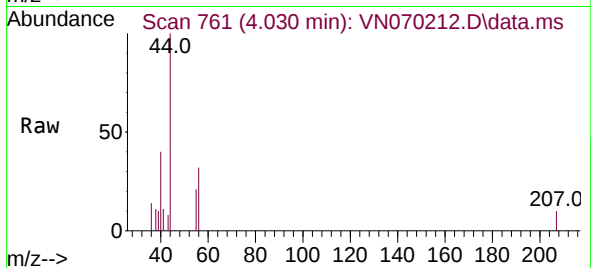
Tgt Ion: 59 Resp: 11523
Ion Ratio Lower Upper
59 100
57 0.2 8.7 13.1#



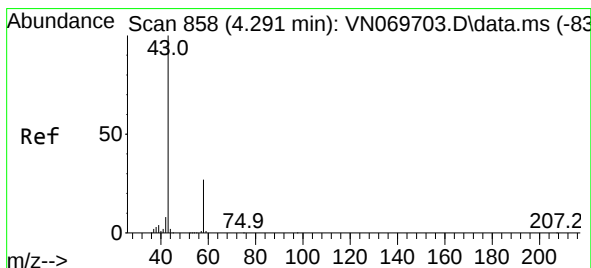
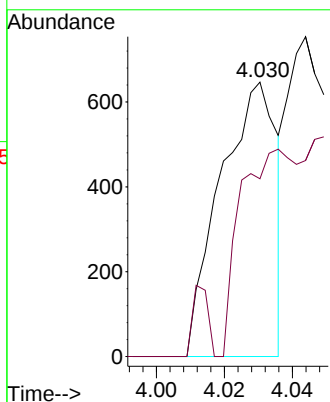
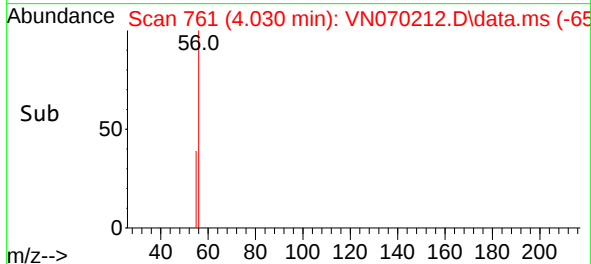


#13
Acrolein
Concen: 0.263 ug/l
RT: 4.030 min Scan# 761
Delta R.T. -0.008 min
Lab File: VN070212.D
Acq: 18 Dec 2021 14:45

Instrument :
MSVOA_N
ClientSampleId :

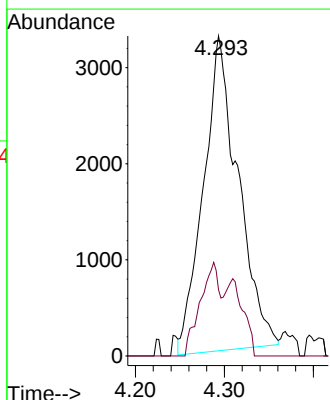
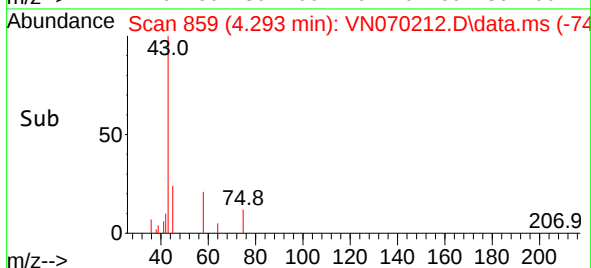
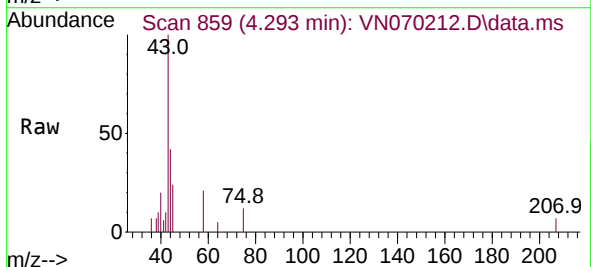


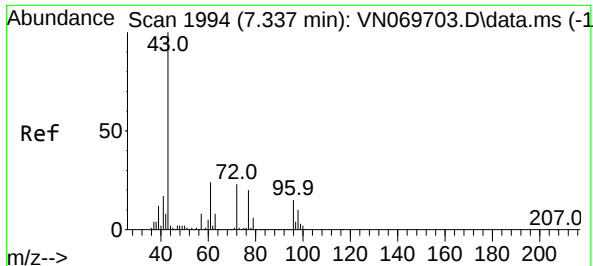
Tgt Ion: 56 Resp: 739
Ion Ratio Lower Upper
56 100
55 74.7 56.6 85.0



#16
Acetone
Concen: 0.845 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN070212.D
Acq: 18 Dec 2021 14:45

Tgt Ion: 43 Resp: 8876
Ion Ratio Lower Upper
43 100
58 21.8 23.1 34.7#





#25

2-Butanone

Concen: 0.266 ug/l

RT: 7.351 min Scan# 1999

Delta R.T. 0.013 min

Lab File: VN070212.D

Acq: 18 Dec 2021 14:45

Instrument :

MSVOA_N

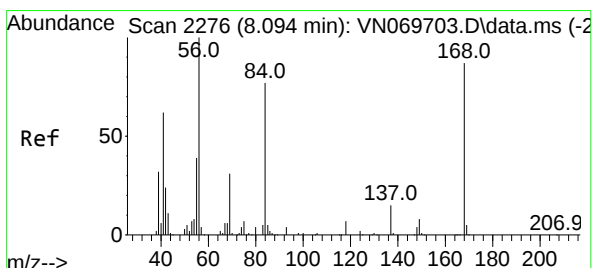
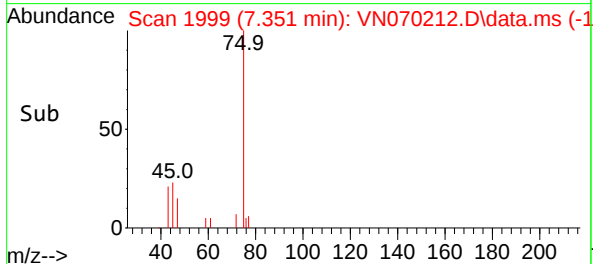
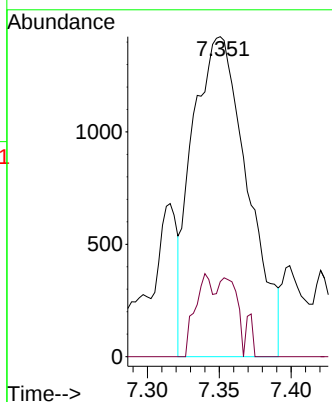
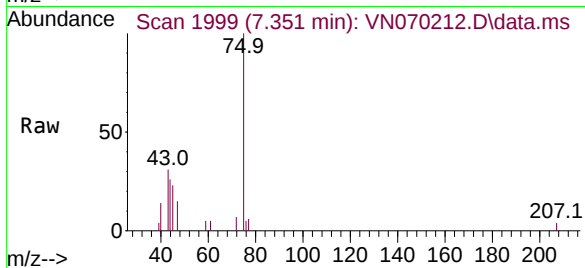
ClientSampleId :

Tgt Ion: 43 Resp: 3797

Ion Ratio Lower Upper

43 100

72 29.8 21.7 32.5



#31

Cyclohexane

Concen: 1.167 ug/l

RT: 8.083 min Scan# 2272

Delta R.T. -0.011 min

Lab File: VN070212.D

Acq: 18 Dec 2021 14:45

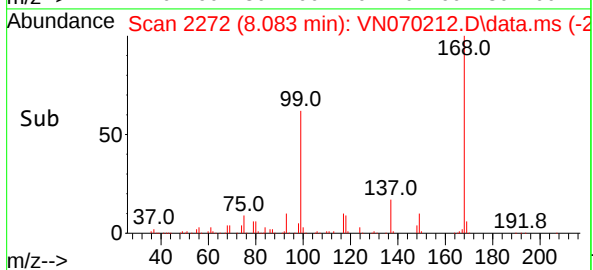
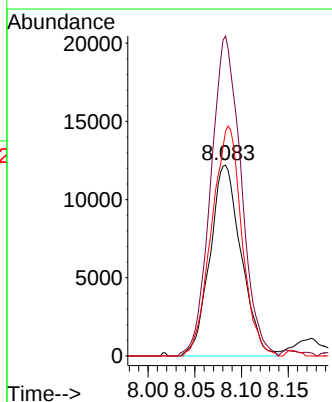
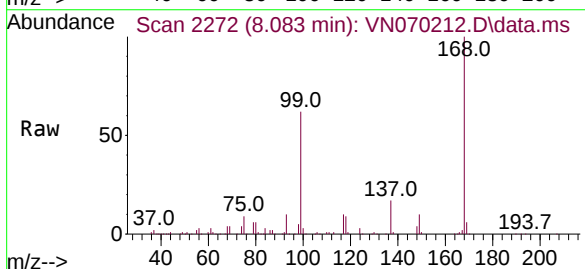
Tgt Ion: 56 Resp: 28344

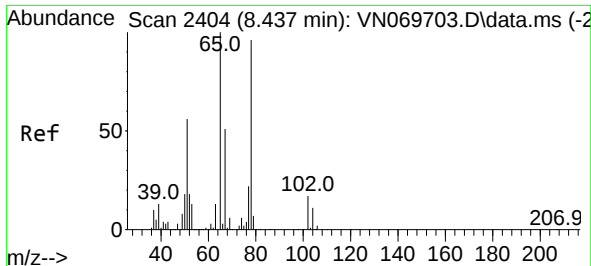
Ion Ratio Lower Upper

56 100

69 167.8 27.1 40.7#

84 117.8 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 51.374 ug/l

RT: 8.437 min Scan# 24

Delta R.T. 0.000 min

Lab File: VN070212.D

Acq: 18 Dec 2021 14:45

Instrument :

MSVOA_N

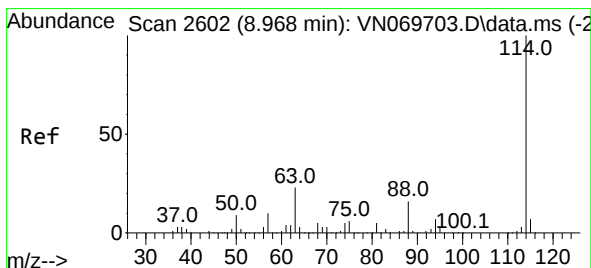
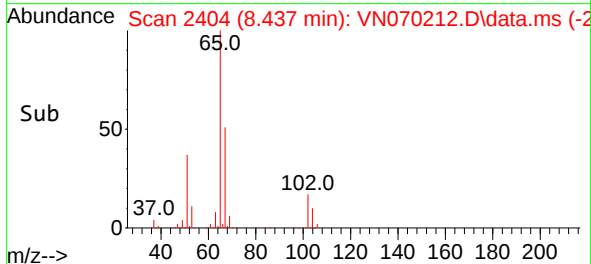
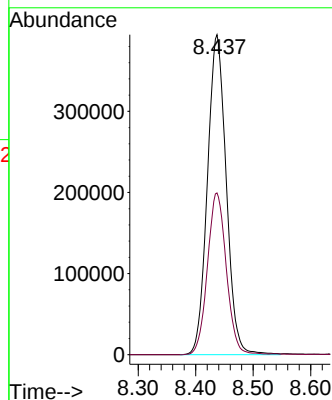
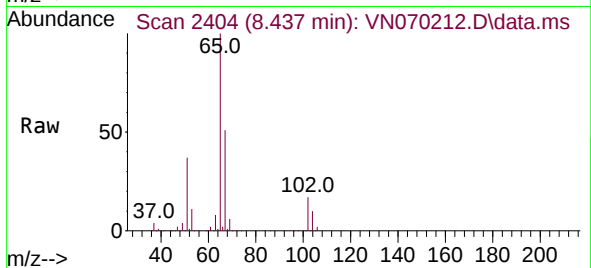
ClientSampleId :

Tgt Ion: 65 Resp: 896837

Ion Ratio Lower Upper

65 100

67 50.8 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: VN070212.D

Acq: 18 Dec 2021 14:45

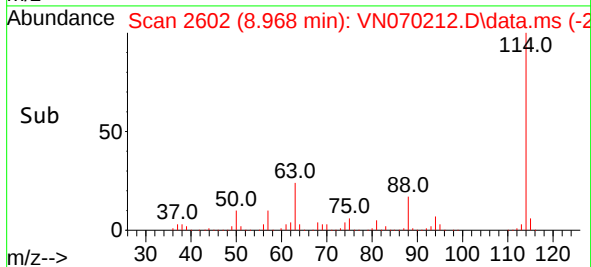
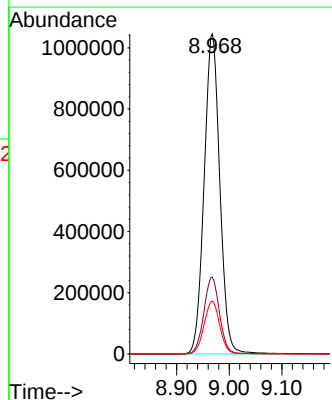
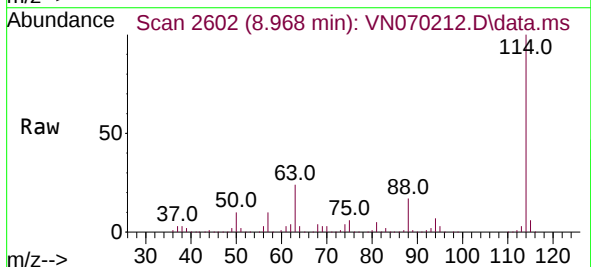
Tgt Ion: 114 Resp: 2162264

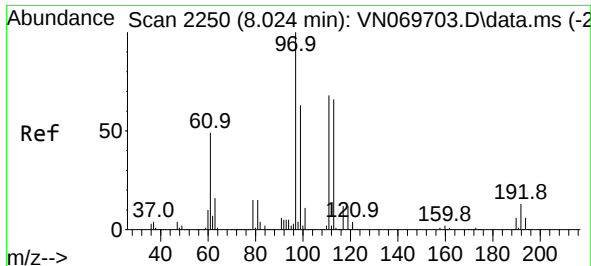
Ion Ratio Lower Upper

114 100

63 24.0 0.0 37.8

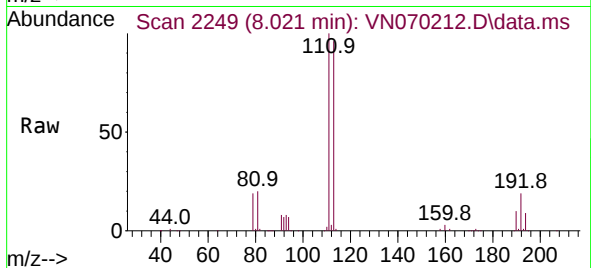
88 16.5 0.0 27.4



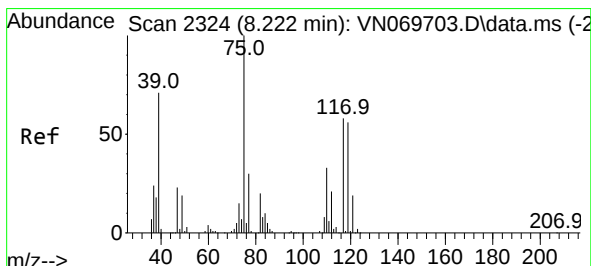
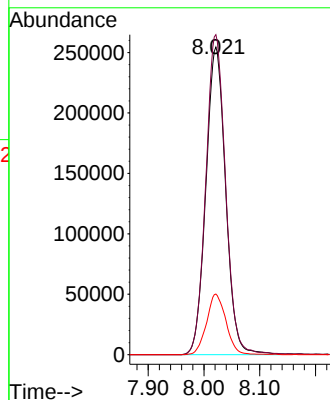
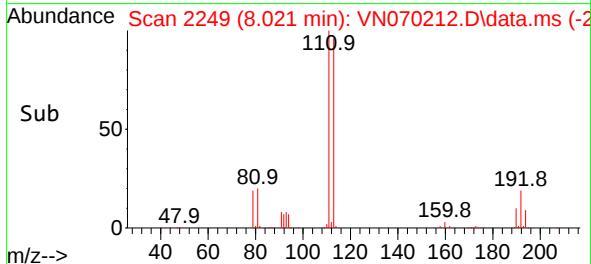


#35
 Dibromofluoromethane
 Concen: 46.337 ug/l
 RT: 8.021 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VN070212.D
 Acq: 18 Dec 2021 14:45

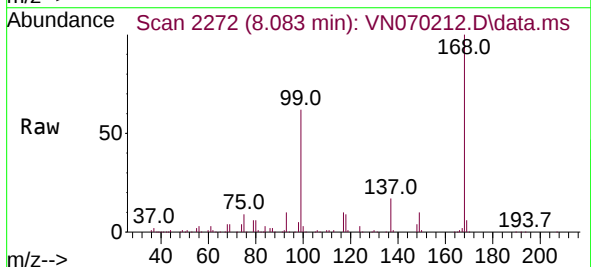
Instrument :
 MSVOA_N
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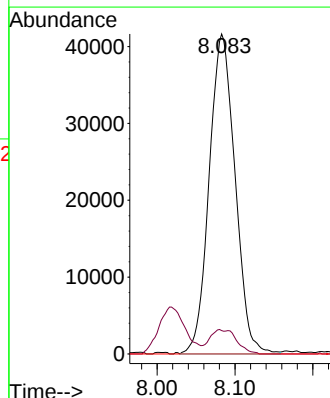
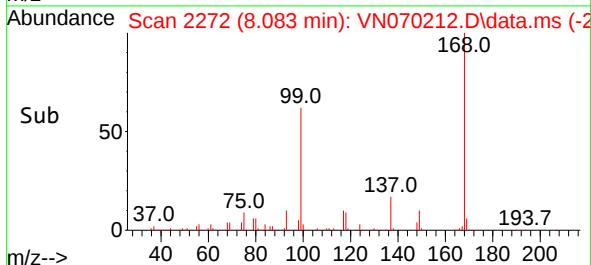
Tgt Ion:113 Resp: 627592
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.2 123.2
 192 19.3 16.9 25.3

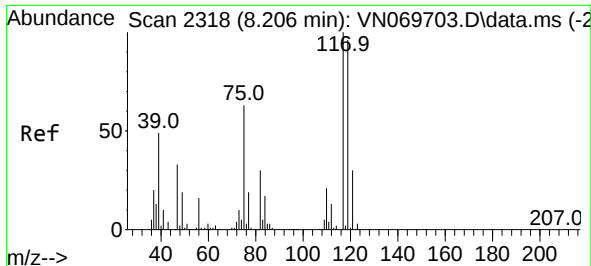


#36
 1,1-Dichloropropene
 Concen: 4.672 ug/l
 RT: 8.083 min Scan# 2272
 Delta R.T. -0.139 min
 Lab File: VN070212.D
 Acq: 18 Dec 2021 14:45



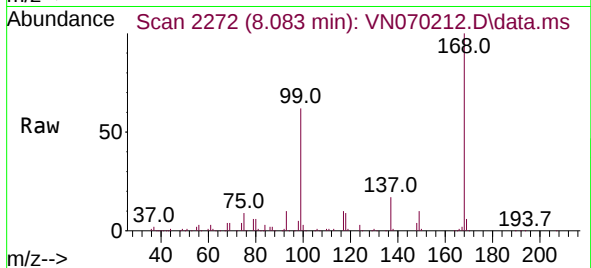
Tgt Ion: 75 Resp: 96164
 Ion Ratio Lower Upper
 75 100
 110 2.3 18.4 55.2#
 77 0.0 24.4 36.6#



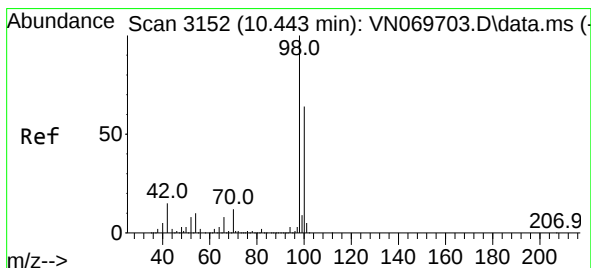
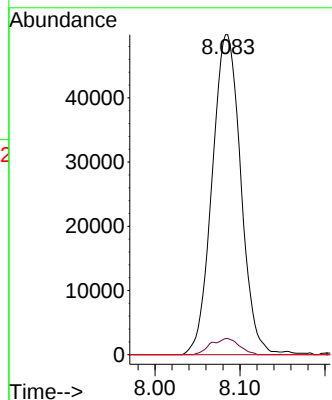
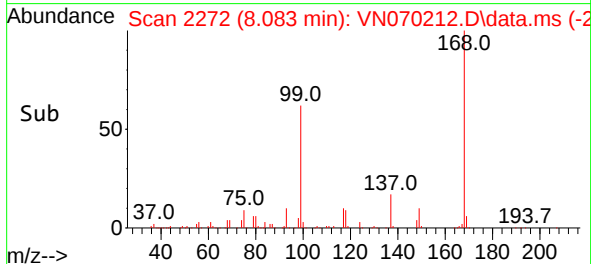


#38
Carbon Tetrachloride
Concen: 5.774 ug/l
RT: 8.083 min Scan# 211
Delta R.T. -0.123 min
Lab File: VN070212.D
Acq: 18 Dec 2021 14:45

Instrument :
MSVOA_N
ClientSampleId :

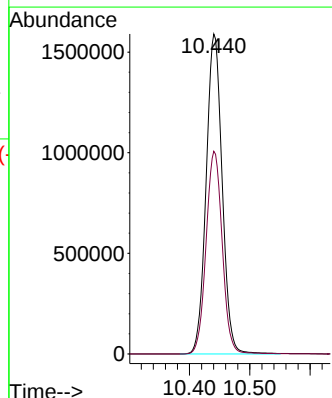
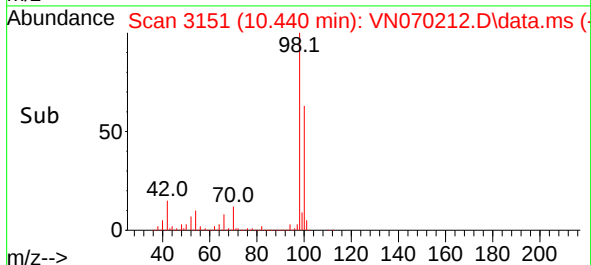
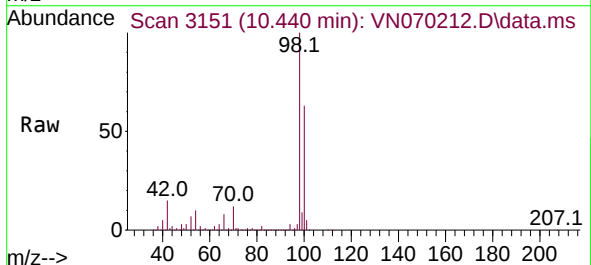


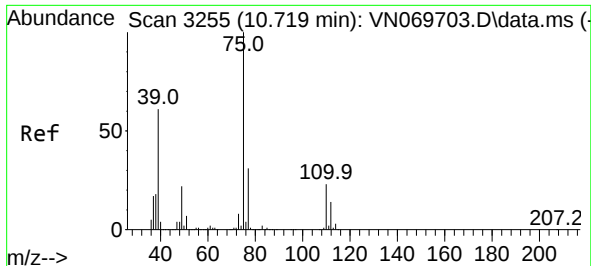
Tgt Ion:117 Resp: 116551
Ion Ratio Lower Upper
117 100
119 5.1 76.1 114.1#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 53.904 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070212.D
Acq: 18 Dec 2021 14:45

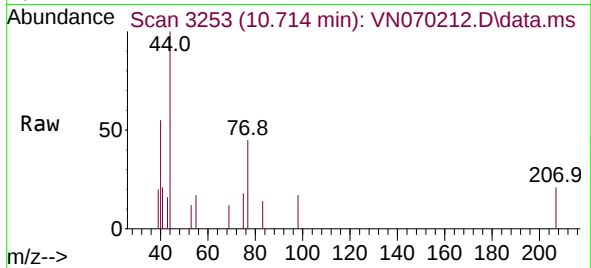
Tgt Ion: 98 Resp: 2931476
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6



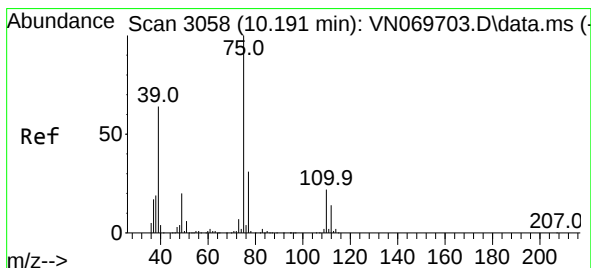
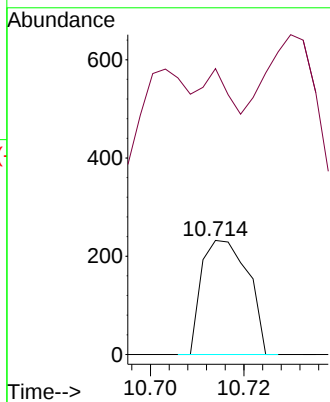
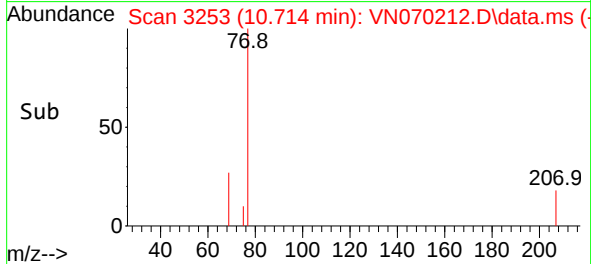


#53
t-1,3-Dichloropropene
Concen: 2.800 ug/l
RT: 10.714 min Scan# 31
Delta R.T. -0.005 min
Lab File: VN070212.D
Acq: 18 Dec 2021 14:45

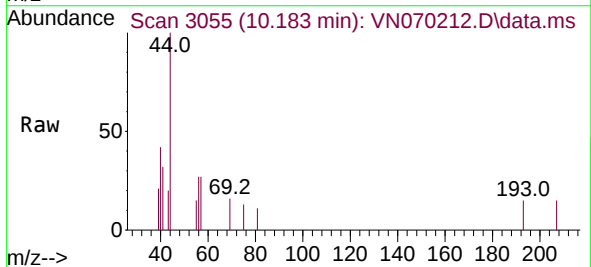
Instrument :
MSVOA_N
ClientSampleId :



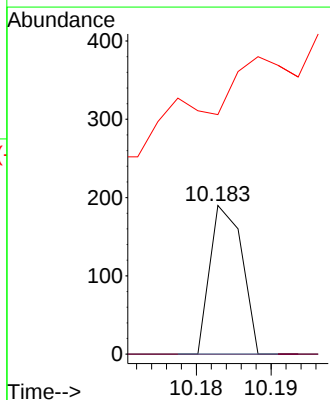
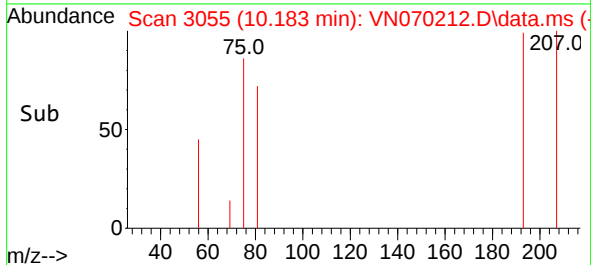
Tgt Ion: 75 Resp: 160
Ion Ratio Lower Upper
75 100
77 8.2 25.6 38.4#

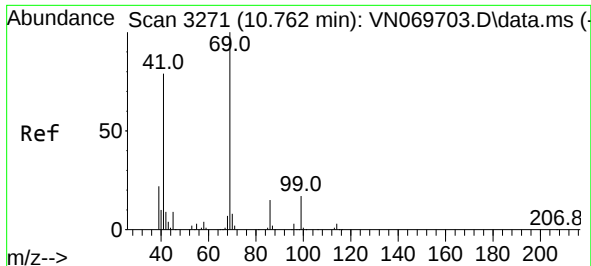


#54
cis-1,3-Dichloropropene
Concen: 2.001 ug/l
RT: 10.183 min Scan# 3055
Delta R.T. -0.008 min
Lab File: VN070212.D
Acq: 18 Dec 2021 14:45



Tgt Ion: 75 Resp: 56
Ion Ratio Lower Upper
75 100
77 0.0 26.4 39.6#
39 0.0 42.5 63.7#

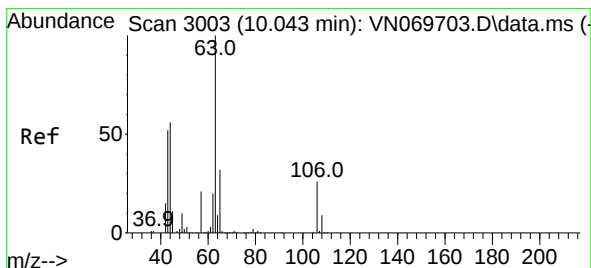
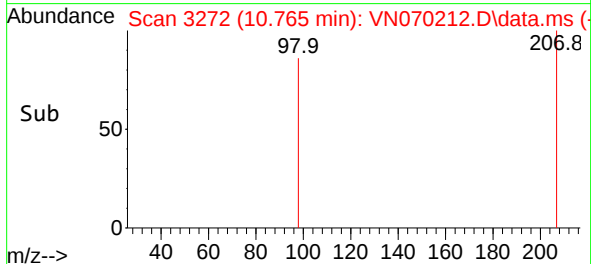
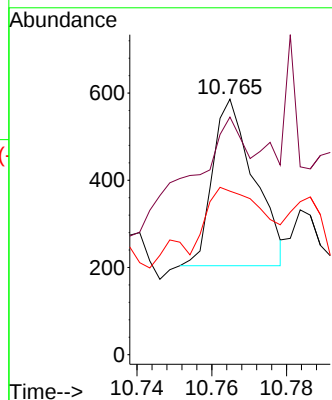
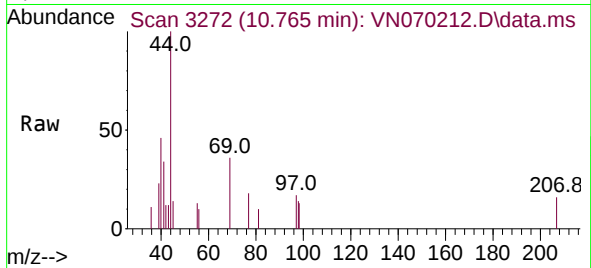




#56
Ethyl methacrylate
Concen: 2.289 ug/l
RT: 10.765 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070212.D
Acq: 18 Dec 2021 14:45

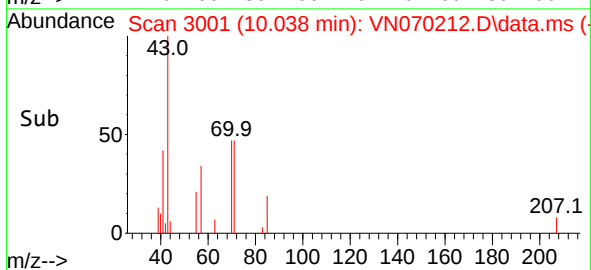
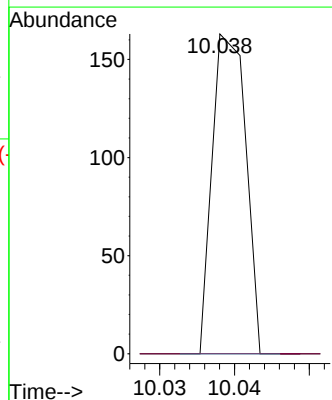
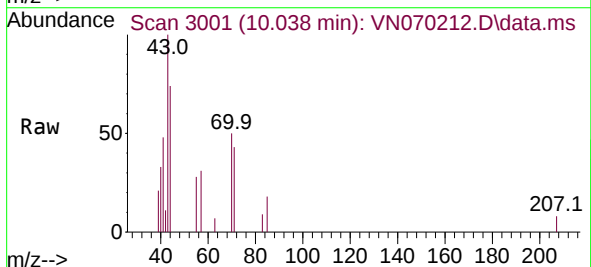
Instrument :
MSVOA_N
ClientSampleId :

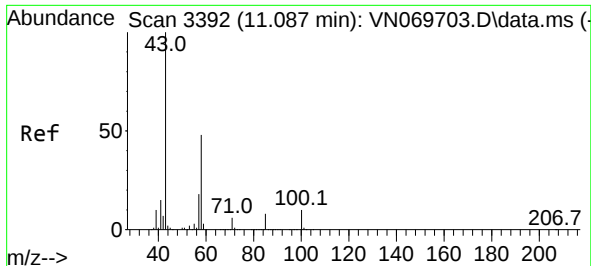
Tgt Ion: 69 Resp: 295
Ion Ratio Lower Upper
69 100
41 100.0 51.4 77.0#
39 79.0 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 18.395 ug/l
RT: 10.038 min Scan# 3001
Delta R.T. -0.005 min
Lab File: VN070212.D
Acq: 18 Dec 2021 14:45

Tgt Ion: 63 Resp: 51
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

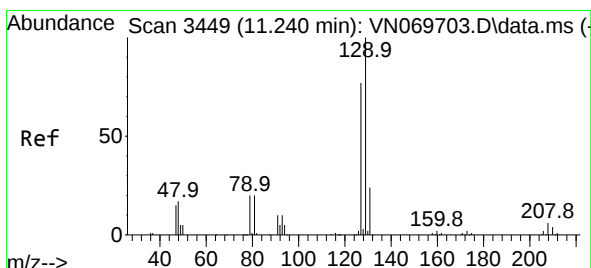
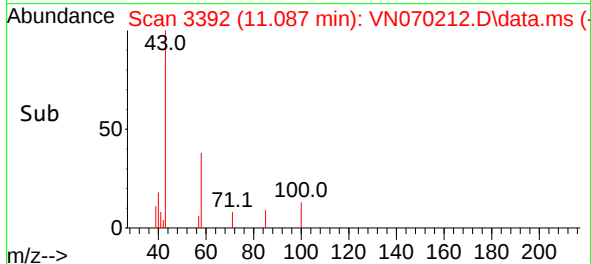
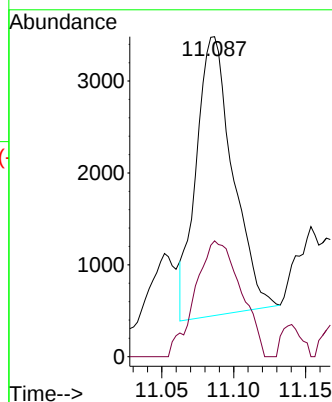
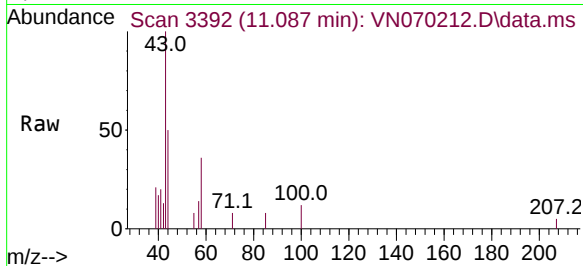




#59
2-Hexanone
Concen: 0.242 ug/l
RT: 11.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070212.D
Acq: 18 Dec 2021 14:45

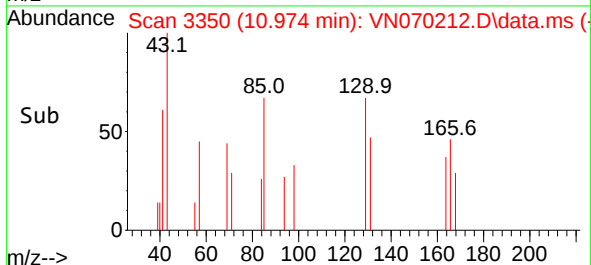
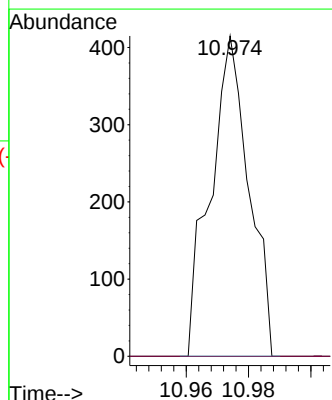
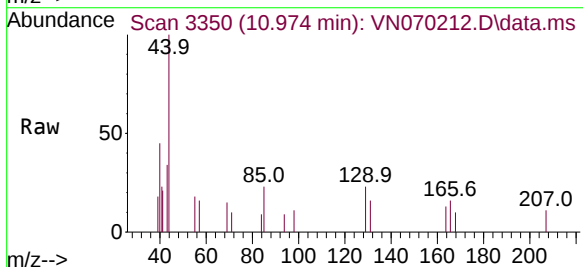
Instrument :
MSVOA_N
ClientSampleId :

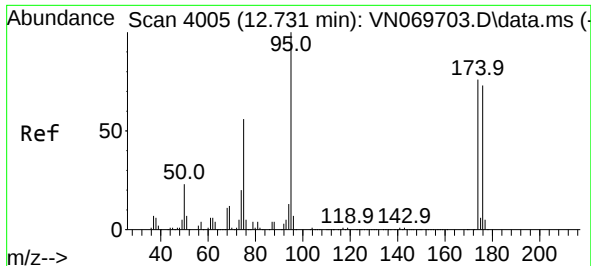
Tgt Ion: 43 Resp: 5393
Ion Ratio Lower Upper
43 100
58 51.3 26.9 80.7



#60
Dibromochloromethane
Concen: 2.397 ug/l
RT: 10.974 min Scan# 3350
Delta R.T. -0.266 min
Lab File: VN070212.D
Acq: 18 Dec 2021 14:45

Tgt Ion:129 Resp: 357
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

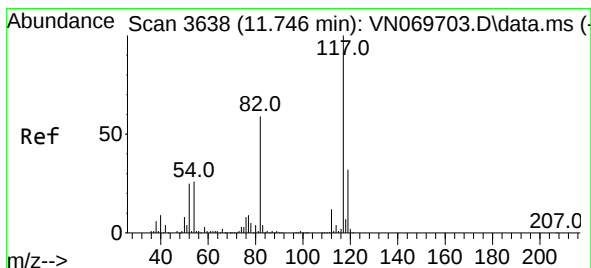
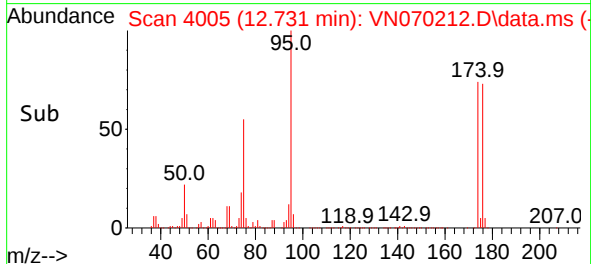
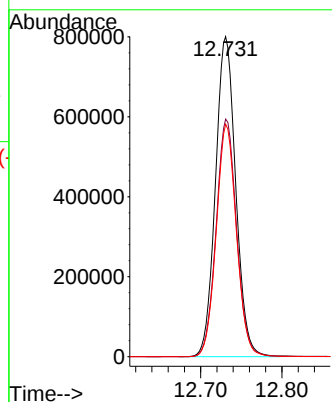
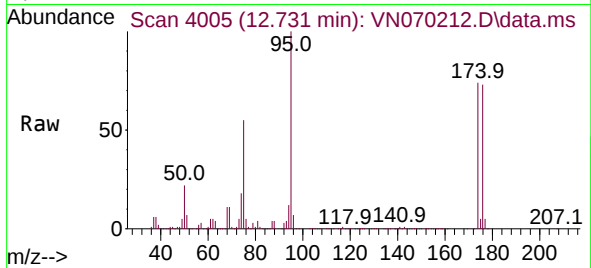




#62
4-Bromofluorobenzene
Concen: 70.283 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070212.D
Acq: 18 Dec 2021 14:45

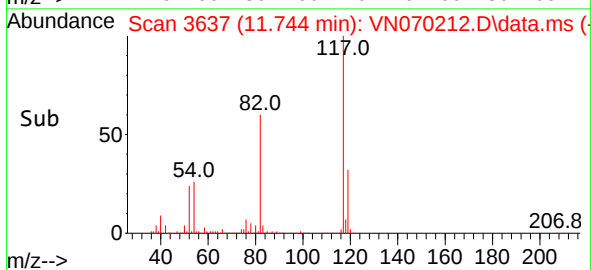
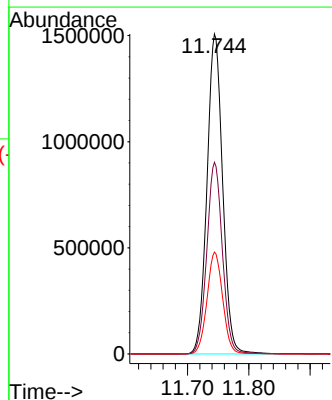
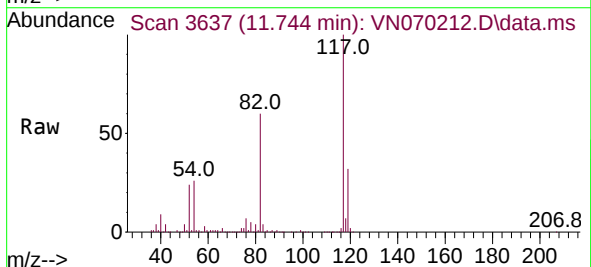
Instrument :
MSVOA_N
ClientSampleId :

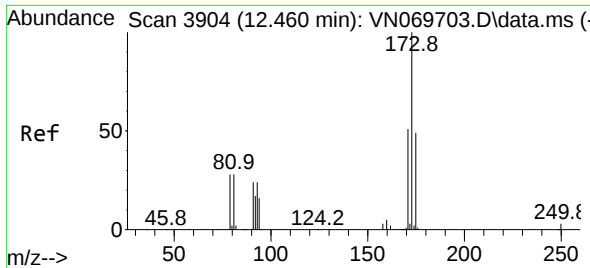
Tgt Ion: 95 Resp: 1384711
Ion Ratio Lower Upper
95 100
174 75.2 0.0 187.2
176 72.4 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070212.D
Acq: 18 Dec 2021 14:45

Tgt Ion: 117 Resp: 2670713
Ion Ratio Lower Upper
117 100
82 59.9 42.4 63.6
119 31.9 25.4 38.2

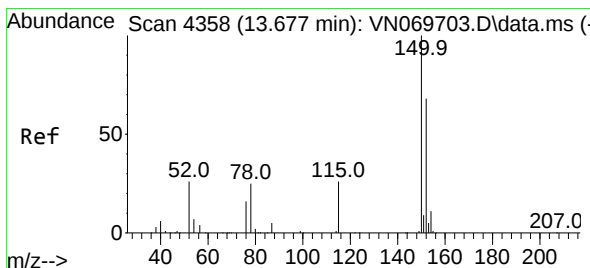
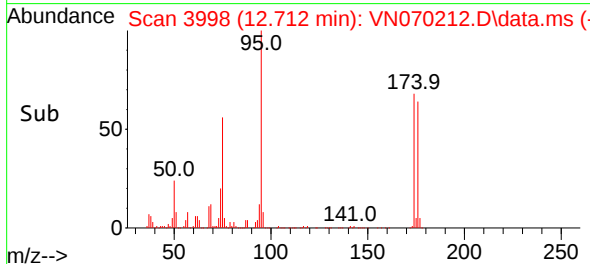
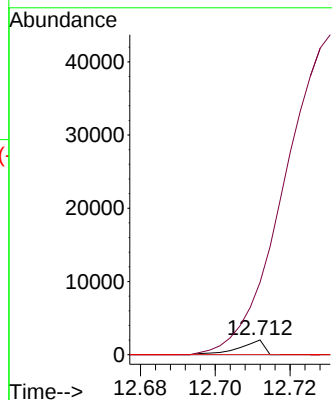
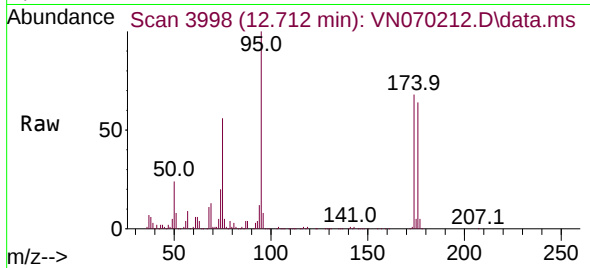




#71
Bromoform
Concen: 2.784 ug/l
RT: 12.712 min Scan# 3904
Delta R.T. 0.252 min
Lab File: VN070212.D
Acq: 18 Dec 2021 14:45

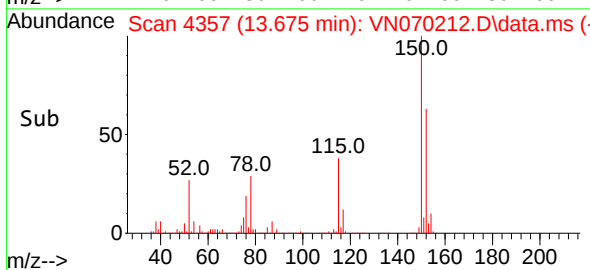
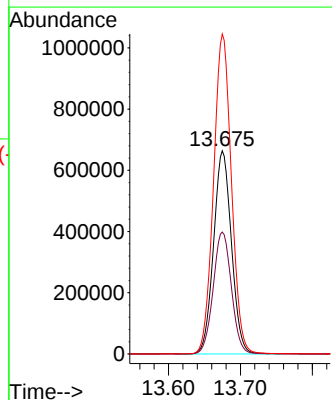
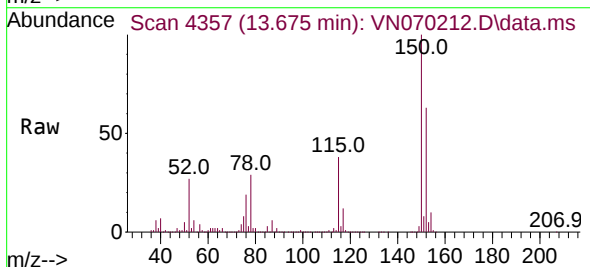
Instrument :
MSVOA_N
ClientSampleId :

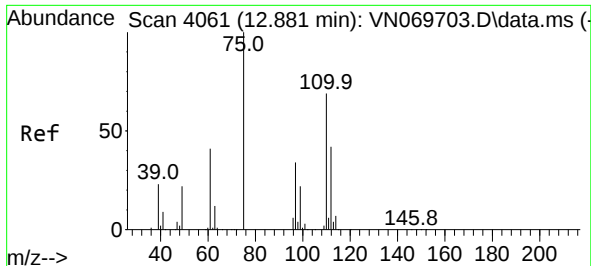
Tgt Ion:173 Resp: 916
Ion Ratio Lower Upper
173 100
175 7983.4 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070212.D
Acq: 18 Dec 2021 14:45

Tgt Ion:152 Resp: 1144719
Ion Ratio Lower Upper
152 100
115 61.0 27.5 82.5
150 157.2 0.0 344.4

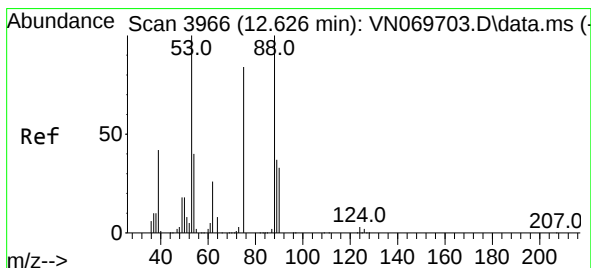
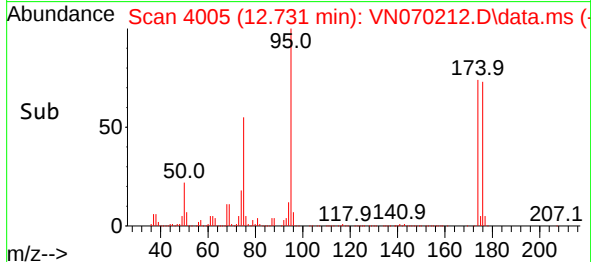
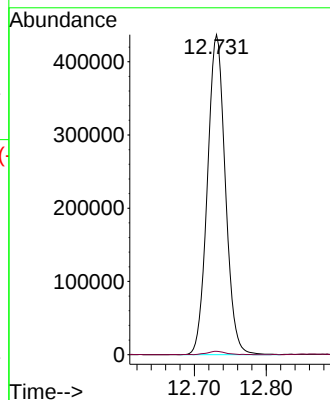
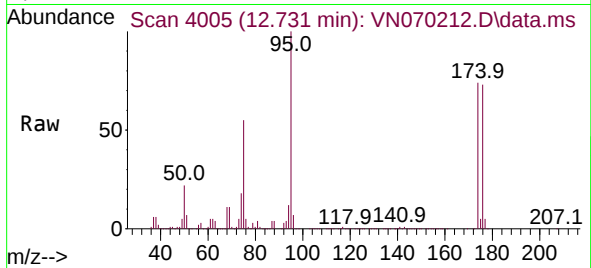




#76
1,2,3-Trichloropropane
Concen: 23.076 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.150 min
Lab File: VN070212.D
Acq: 18 Dec 2021 14:45

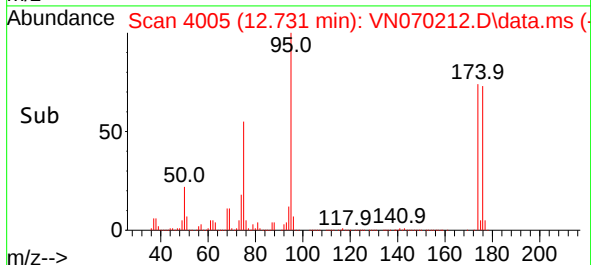
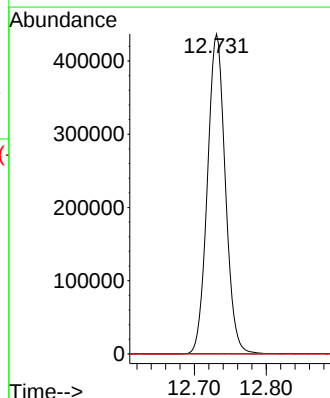
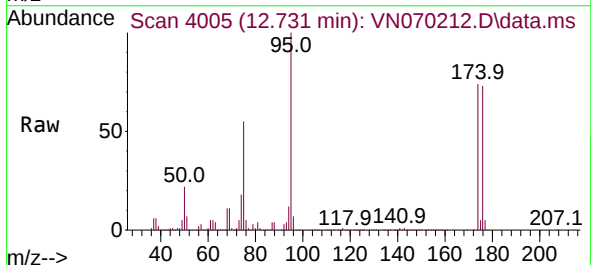
Instrument :
MSVOA_N
ClientSampleId :

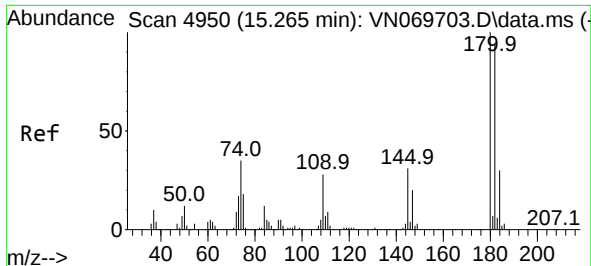
Tgt Ion: 75 Resp: 757521
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.450 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN070212.D
Acq: 18 Dec 2021 14:45

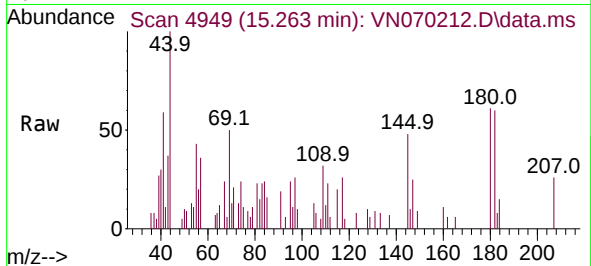
Tgt Ion: 75 Resp: 757521
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



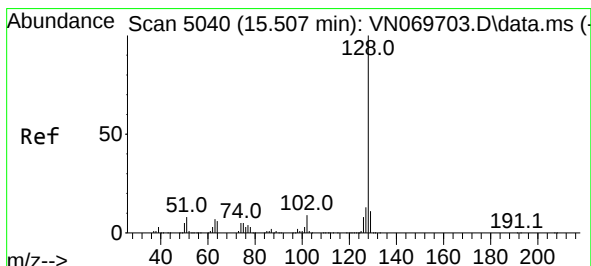
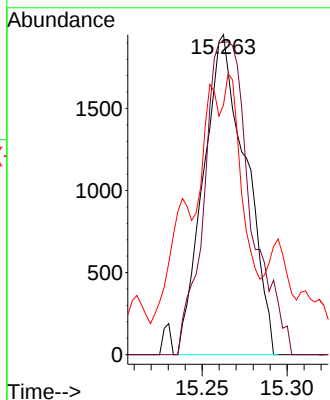
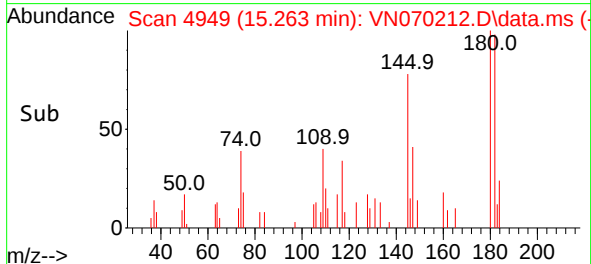


#93
1,2,4-Trichlorobenzene
Concen: 3.048 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN070212.D
Acq: 18 Dec 2021 14:45

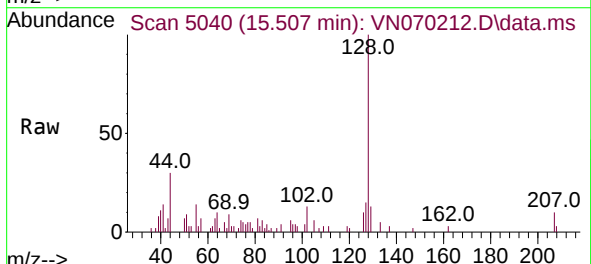
Instrument :
MSVOA_N
ClientSampleId :



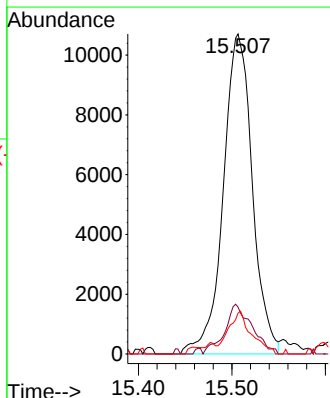
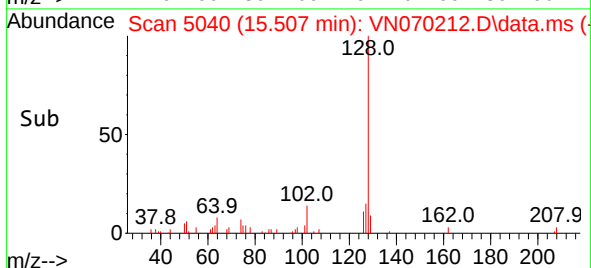
Tgt Ion:180 Resp: 3382
Ion Ratio Lower Upper
180 100
182 107.3 48.3 144.9
145 14.6 14.5 43.5

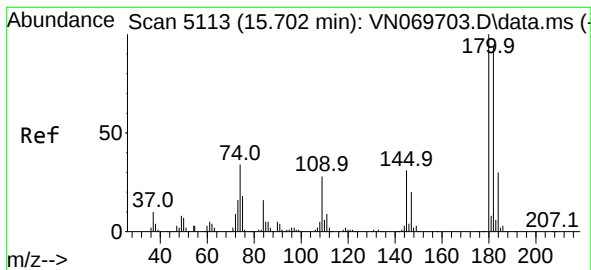


#95
Naphthalene
Concen: 4.366 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070212.D
Acq: 18 Dec 2021 14:45



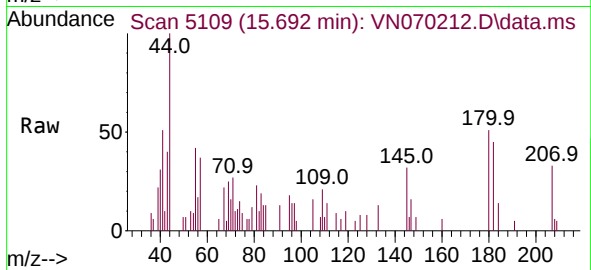
Tgt Ion:128 Resp: 23176
Ion Ratio Lower Upper
128 100
127 14.6 10.5 15.7
129 10.5 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.526 ug/l
 RT: 15.692 min Scan# 51
 Delta R.T. -0.010 min
 Lab File: VN070212.D
 Acq: 18 Dec 2021 14:45

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 1733
 Ion Ratio Lower Upper
 180 100
 182 218.9 47.4 142.2#
 145 108.4 15.0 45.1#

