

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070203.D
 Acq On : 18 Dec 2021 8:48
 Operator : JC/MD
 Sample : M5115-11
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 19 07:26:28 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	1144240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2181814	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2581918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1079073	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	901227	51.012	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.020%	
35) Dibromofluoromethane	8.024	113	631939	46.240	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 92.480%	
50) Toluene-d8	10.443	98	2898507	52.820	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.640%	
62) 4-Bromofluorobenzene	12.731	95	1300629	65.424	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 130.840%	

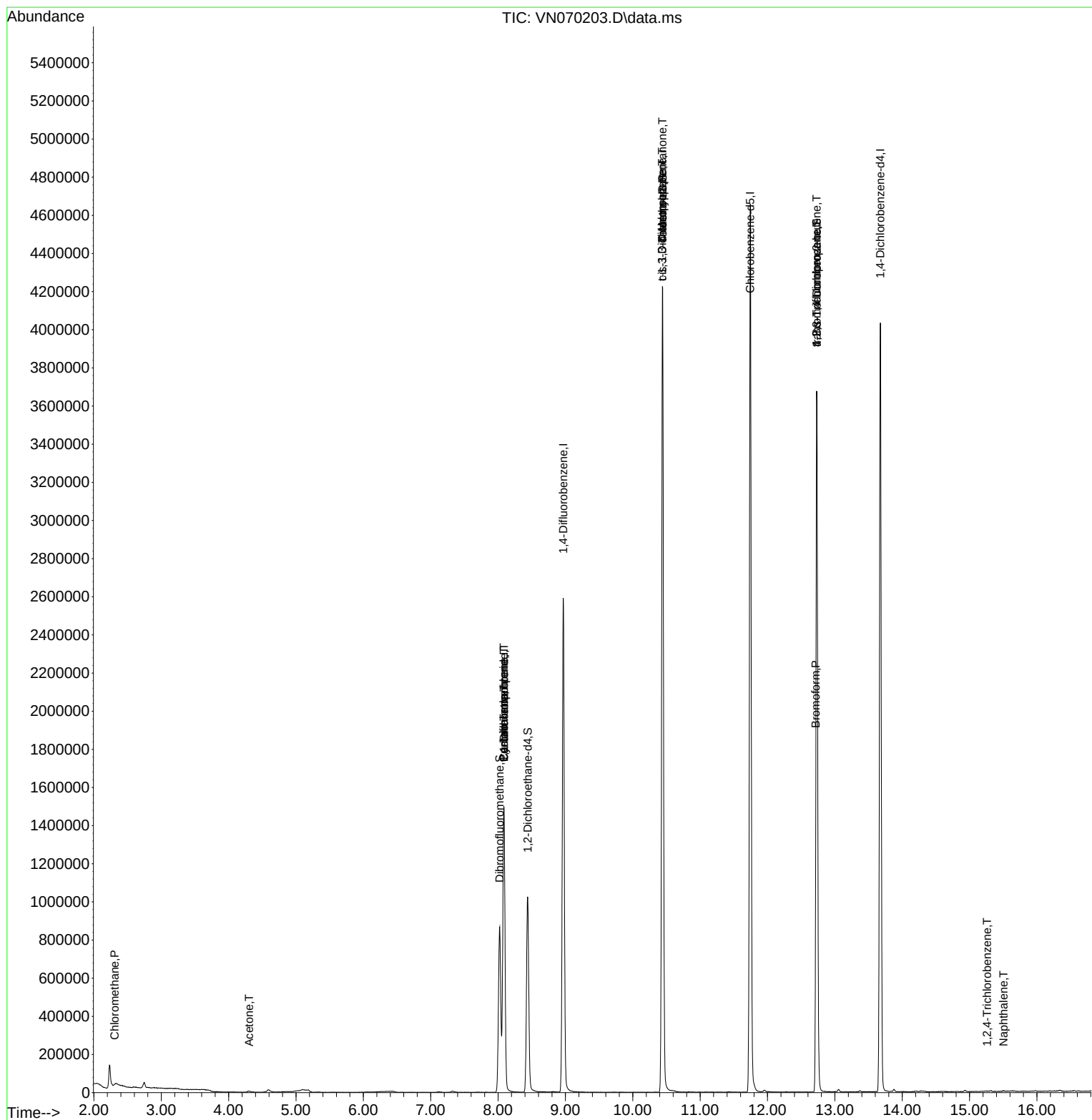
Target Compounds				Qvalue		
3) Chloromethane	2.306	50	3792	0.227	ug/l	97
16) Acetone	4.304	43	8095	0.762	ug/l #	83
31) Cyclohexane	8.086	56	28000	1.139	ug/l #	19
36) 1,1-Dichloropropene	8.086	75	96243	4.634	ug/l #	49
38) Carbon Tetrachloride	8.086	117	118009	5.794	ug/l #	16
51) 4-Methyl-2-Pentanone	10.441	43	15581	0.525	ug/l #	1
53) t-1,3-Dichloropropene	10.438	75	761	2.822	ug/l #	1
54) cis-1,3-Dichloropropene	10.438	75	786	2.027	ug/l #	1
71) Bromoform	12.718	173	1028	2.793	ug/l #	29
76) 1,2,3-Trichloropropane	12.731	75	717384	23.182	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	717384	73.771	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.260	180	147	2.886	ug/l #	57
95) Naphthalene	15.504	128	2657	4.031	ug/l #	96

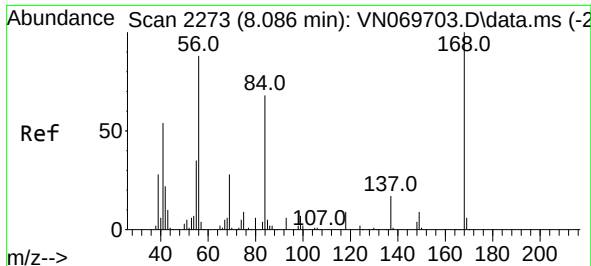
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
Data File : VN070203.D
Acq On : 18 Dec 2021 8:48
Operator : JC/MD
Sample : M5115-11
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

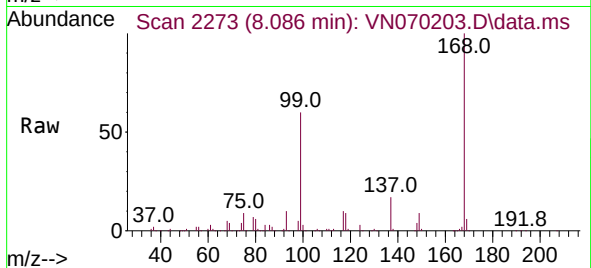
Quant Time: Dec 19 07:26:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration



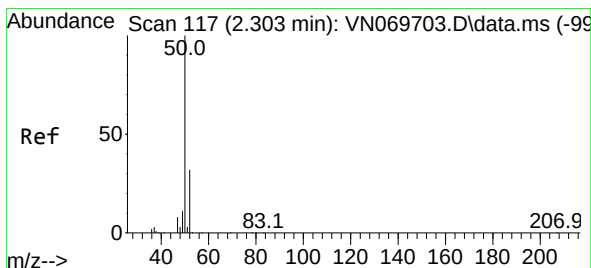
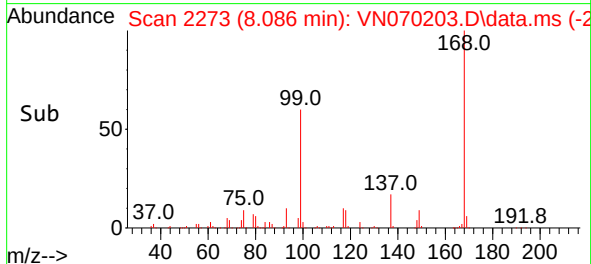
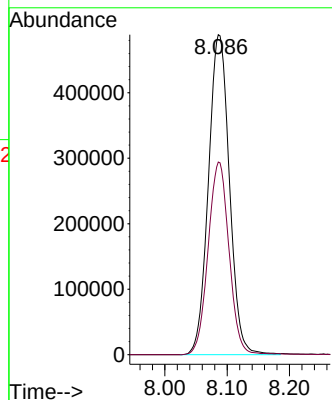


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070203.D
Acq: 18 Dec 2021 8:48

Instrument :
MSVOA_N
ClientSampleId :

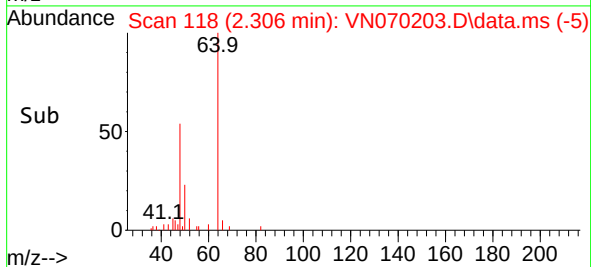
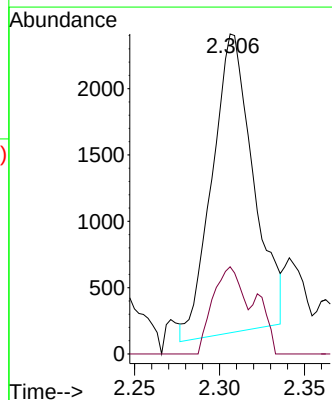
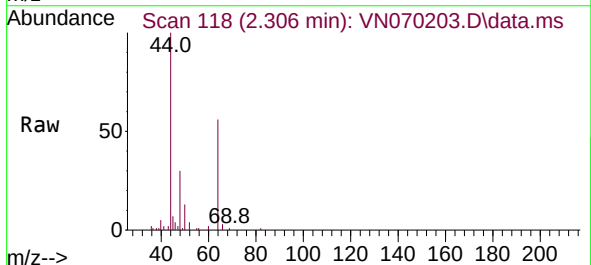


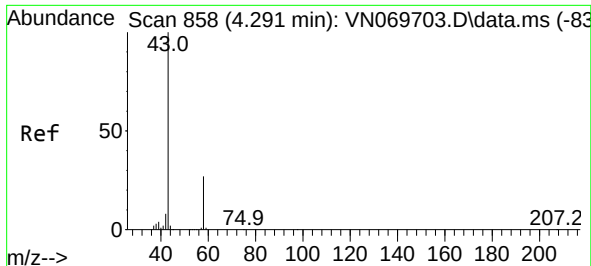
Tgt Ion:168 Resp: 1144240
Ion Ratio Lower Upper
168 100
99 60.2 41.3 61.9



#3
Chloromethane
Concen: 0.227 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN070203.D
Acq: 18 Dec 2021 8:48

Tgt Ion: 50 Resp: 3792
Ion Ratio Lower Upper
50 100
52 30.1 25.4 38.0

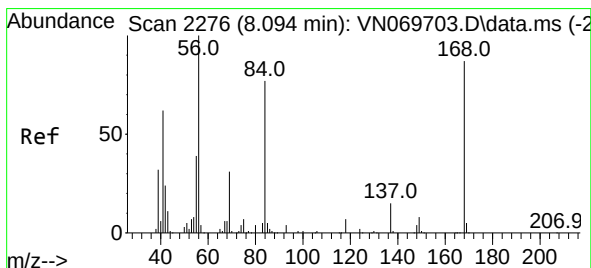
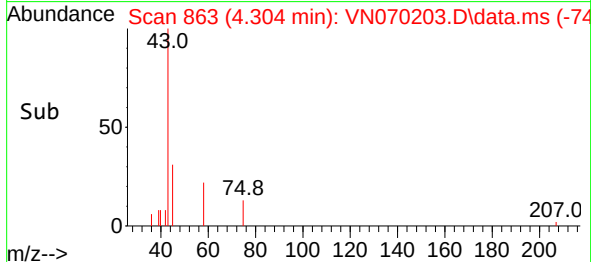
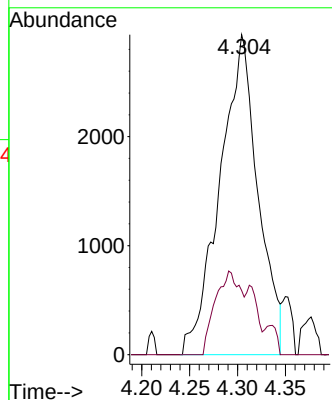
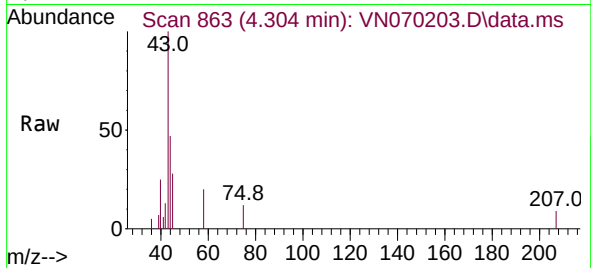




#16
Acetone
Concen: 0.762 ug/l
RT: 4.304 min Scan# 80
Delta R.T. 0.014 min
Lab File: VN070203.D
Acq: 18 Dec 2021 8:48

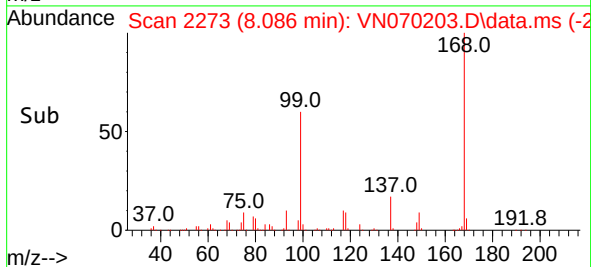
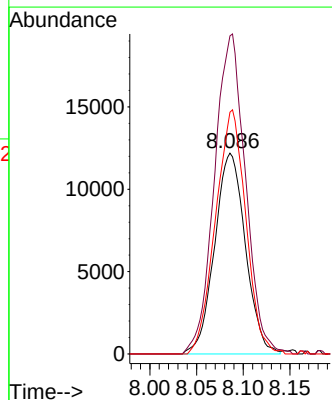
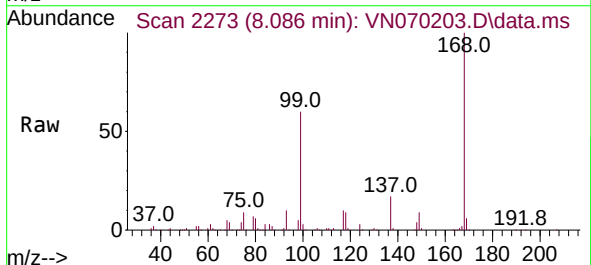
Instrument :
MSVOA_N
ClientSampleId :

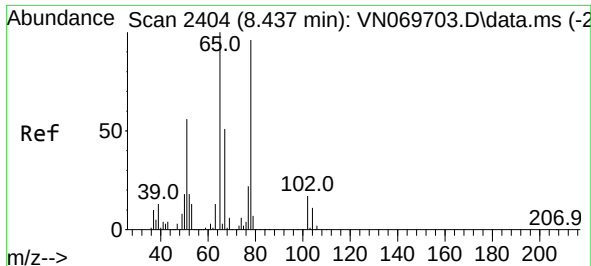
Tgt Ion: 43 Resp: 8095
Ion Ratio Lower Upper
43 100
58 20.1 23.1 34.7#



#31
Cyclohexane
Concen: 1.139 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.008 min
Lab File: VN070203.D
Acq: 18 Dec 2021 8:48

Tgt Ion: 56 Resp: 28000
Ion Ratio Lower Upper
56 100
69 158.4 27.1 40.7#
84 120.4 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 51.012 ug/l

RT: 8.440 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VN070203.D

Acq: 18 Dec 2021 8:48

Instrument :

MSVOA_N

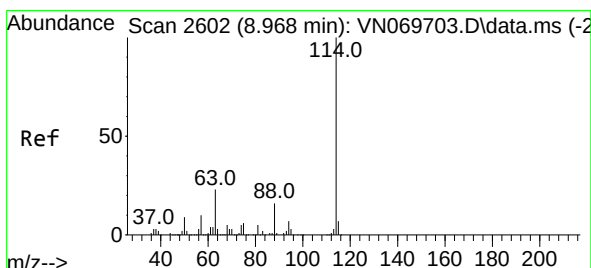
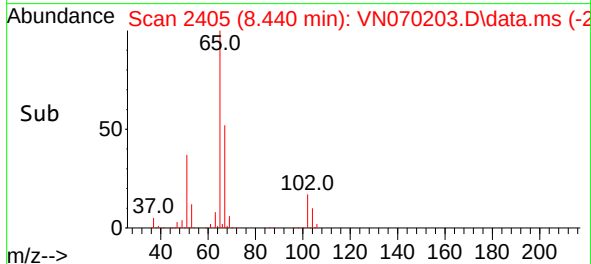
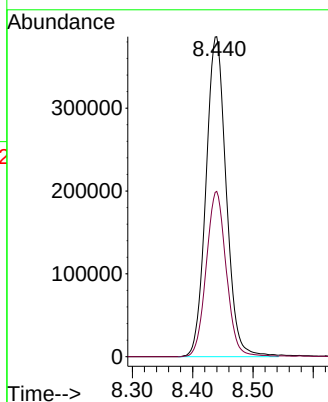
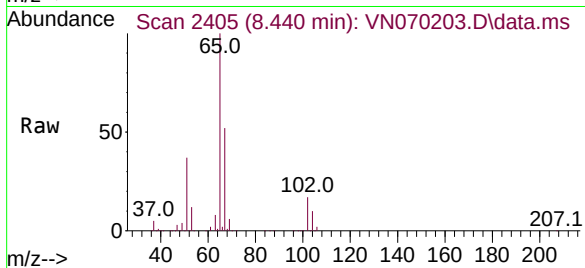
ClientSampleId :

Tgt Ion: 65 Resp: 901227

Ion Ratio Lower Upper

65 100

67 51.1 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: VN070203.D

Acq: 18 Dec 2021 8:48

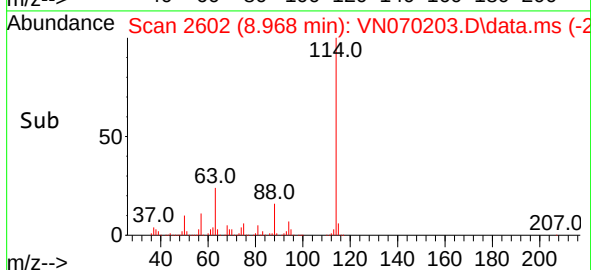
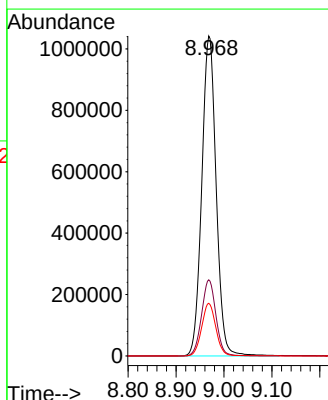
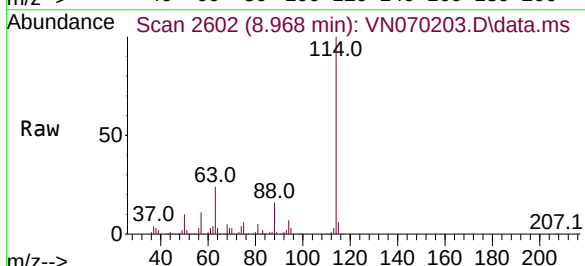
Tgt Ion: 114 Resp: 2181814

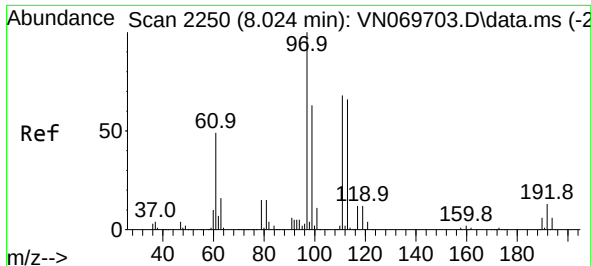
Ion Ratio Lower Upper

114 100

63 23.8 0.0 37.8

88 16.4 0.0 27.4

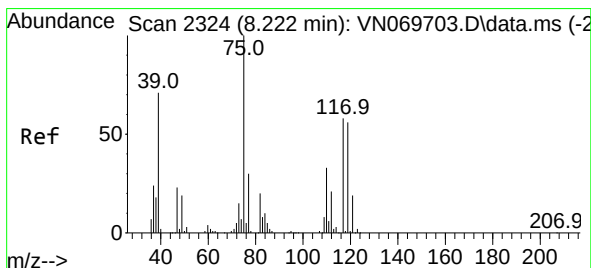
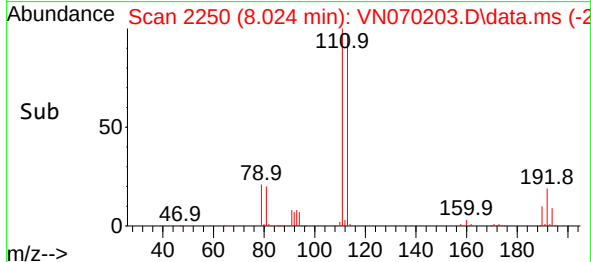
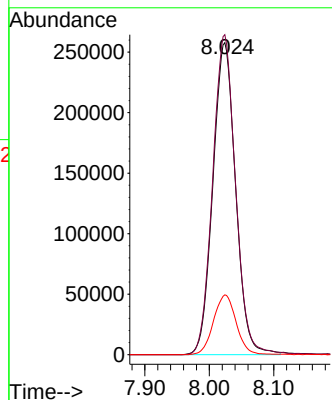
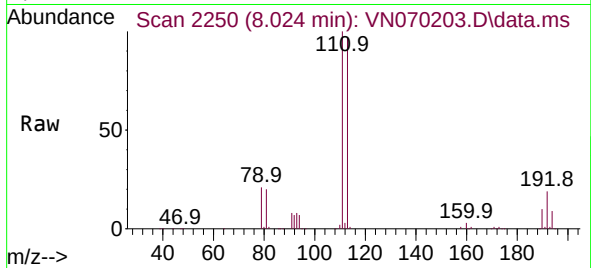




#35
Dibromofluoromethane
Concen: 46.240 ug/l
RT: 8.024 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070203.D
Acq: 18 Dec 2021 8:48

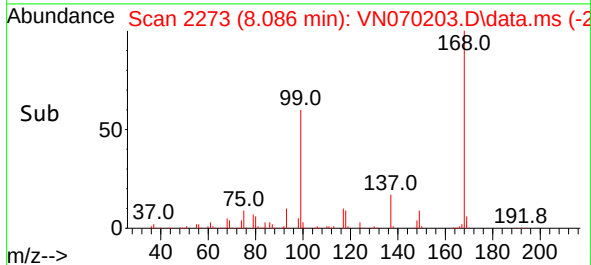
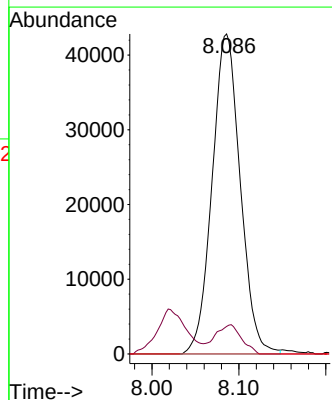
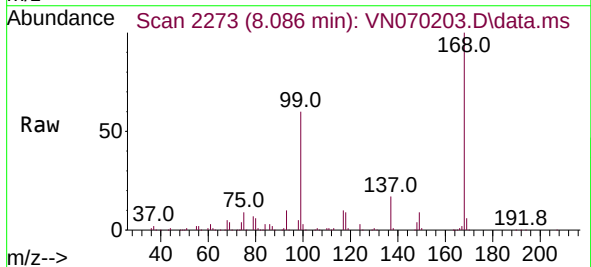
Instrument :
MSVOA_N
ClientSampleId :

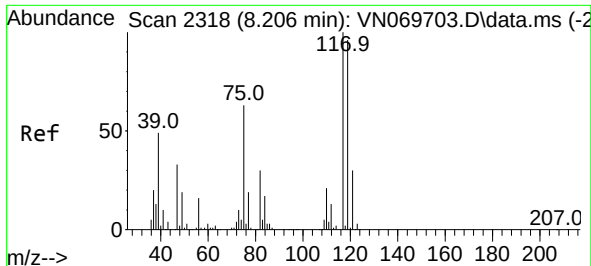
Tgt Ion:113 Resp: 631939
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 19.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.634 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN070203.D
Acq: 18 Dec 2021 8:48

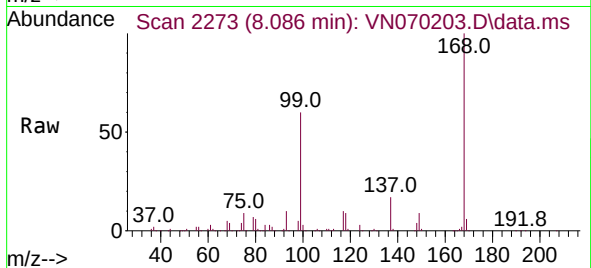
Tgt Ion: 75 Resp: 96243
Ion Ratio Lower Upper
75 100
110 8.5 18.4 55.2#
77 0.0 24.4 36.6#



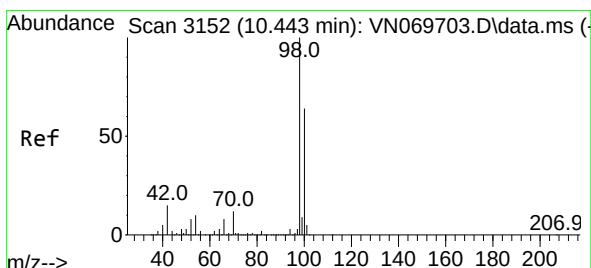
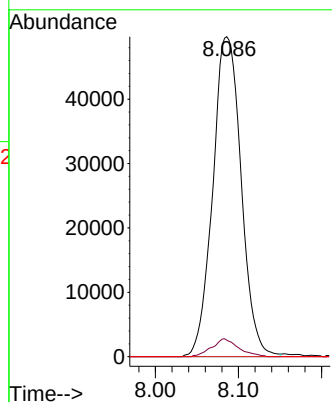
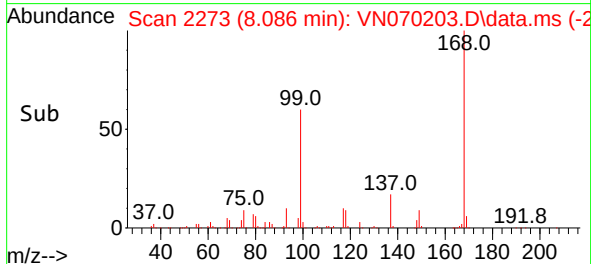


#38
Carbon Tetrachloride
Concen: 5.794 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.120 min
Lab File: VN070203.D
Acq: 18 Dec 2021 8:48

Instrument :
MSVOA_N
ClientSampleId :

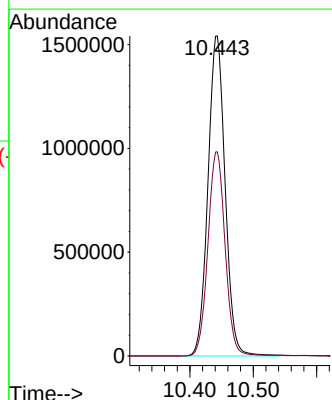
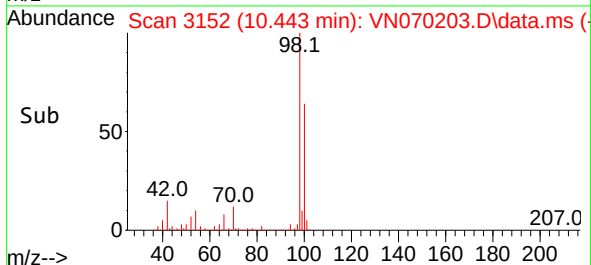
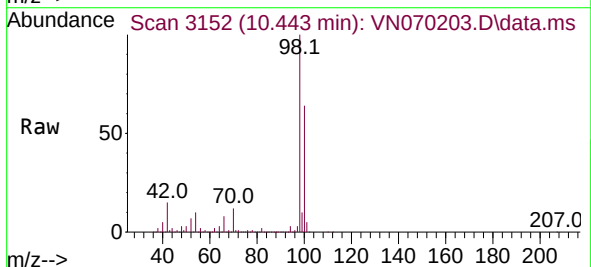


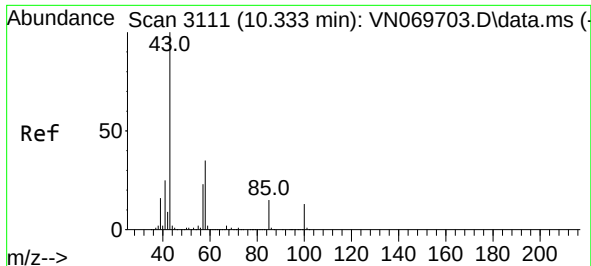
Tgt Ion:117 Resp: 118009
Ion Ratio Lower Upper
117 100
119 5.2 76.1 114.1#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 52.820 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070203.D
Acq: 18 Dec 2021 8:48

Tgt Ion: 98 Resp: 2898507
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6

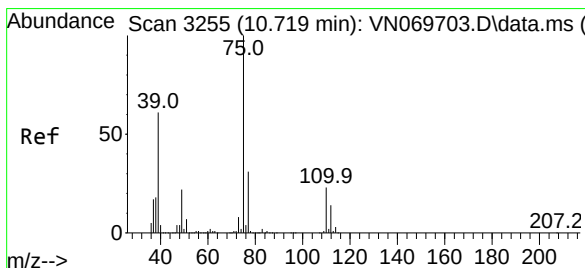
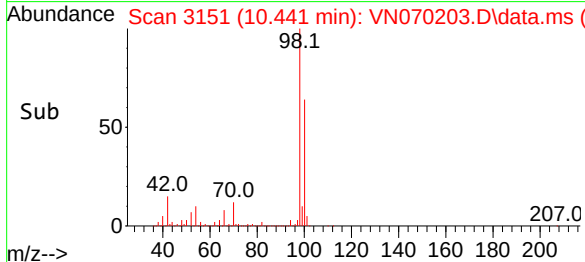
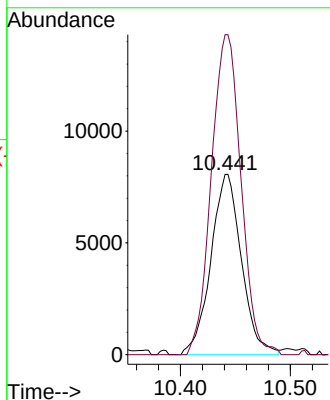
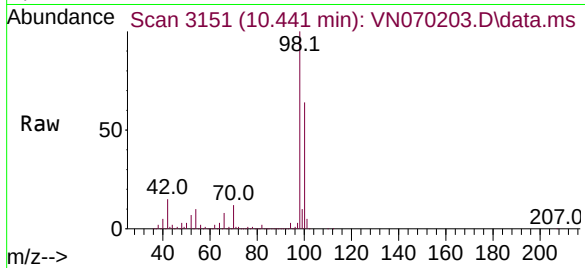




#51
4-Methyl-2-Pentanone
Concen: 0.525 ug/l
RT: 10.441 min Scan# 3111
Delta R.T. 0.108 min
Lab File: VN070203.D
Acq: 18 Dec 2021 8:48

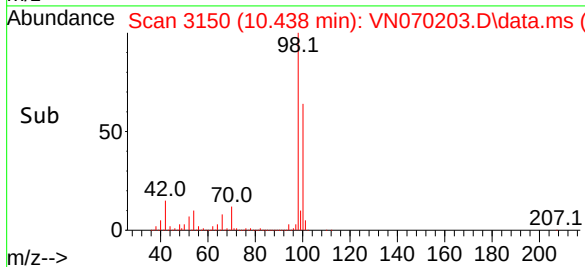
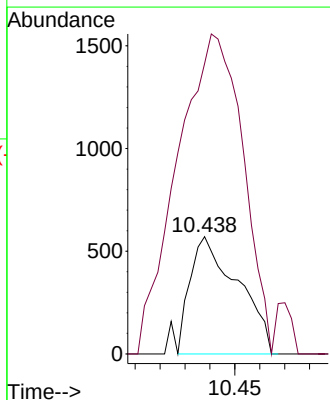
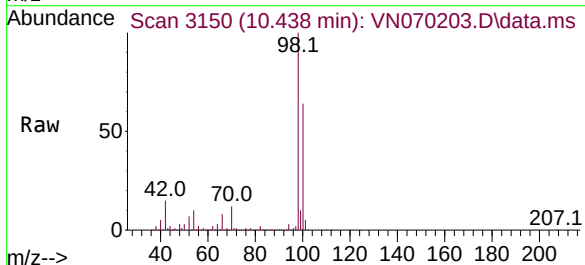
Instrument :
MSVOA_N
ClientSampleId :

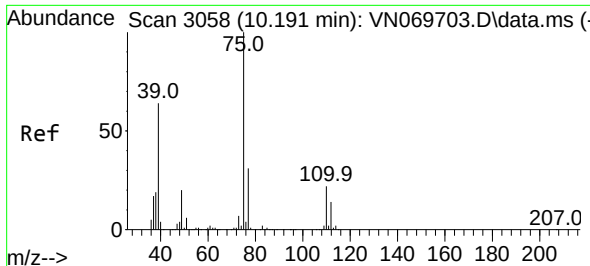
Tgt Ion: 43 Resp: 15581
Ion Ratio Lower Upper
43 100
58 172.2 30.4 45.6#



#53
t-1,3-Dichloropropene
Concen: 2.822 ug/l
RT: 10.438 min Scan# 3150
Delta R.T. -0.281 min
Lab File: VN070203.D
Acq: 18 Dec 2021 8:48

Tgt Ion: 75 Resp: 761
Ion Ratio Lower Upper
75 100
77 204.7 25.6 38.4#

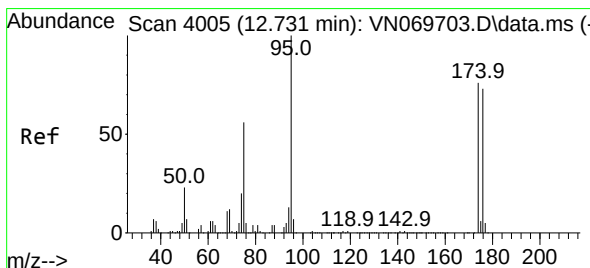
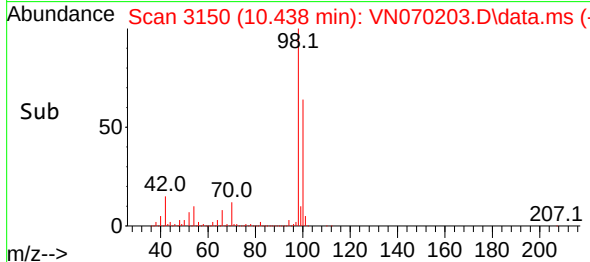
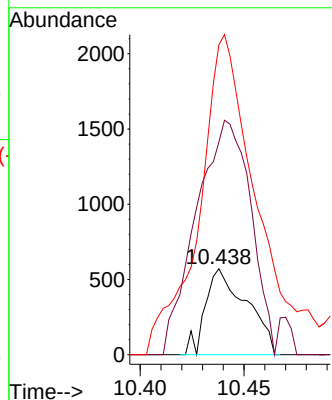
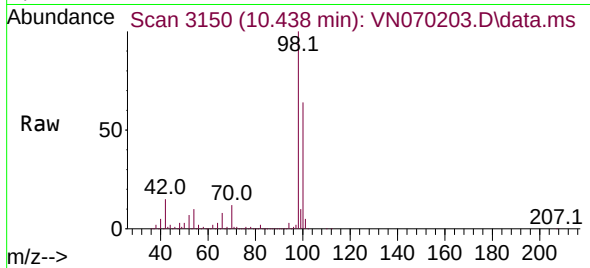




#54
 cis-1,3-Dichloropropene
 Concen: 2.027 ug/l
 RT: 10.438 min Scan# 3150
 Delta R.T. 0.247 min
 Lab File: VN070203.D
 Acq: 18 Dec 2021 8:48

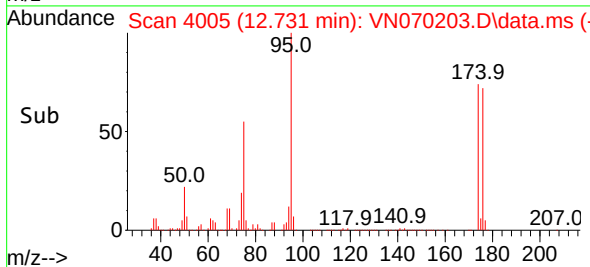
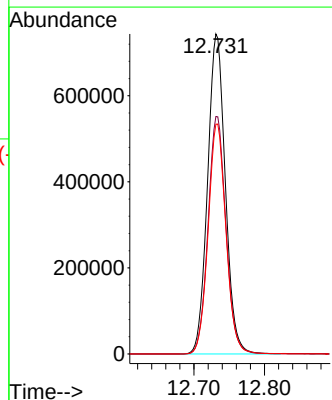
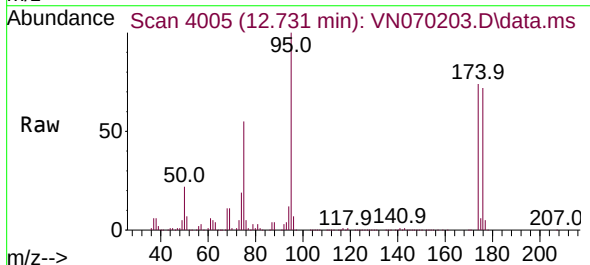
Instrument :
 MSVOA_N
 ClientSampleId :

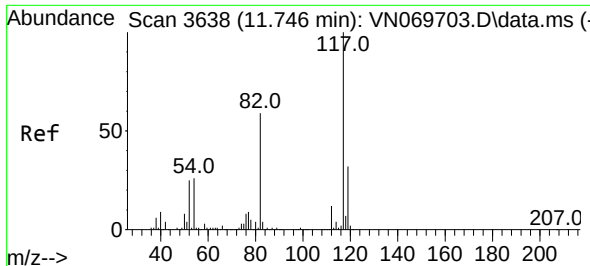
Tgt Ion: 75 Resp: 786
 Ion Ratio Lower Upper
 75 100
 77 204.7 26.4 39.6#
 39 288.6 42.5 63.7#



#62
 4-Bromofluorobenzene
 Concen: 65.424 ug/l
 RT: 12.731 min Scan# 4005
 Delta R.T. -0.000 min
 Lab File: VN070203.D
 Acq: 18 Dec 2021 8:48

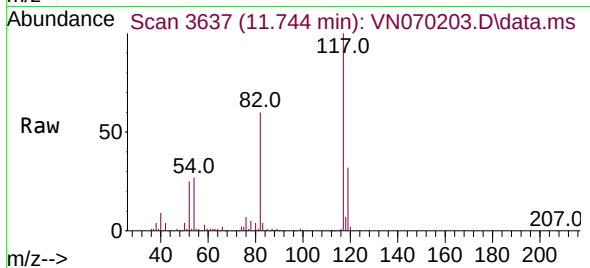
Tgt Ion: 95 Resp: 1300629
 Ion Ratio Lower Upper
 95 100
 174 74.8 0.0 187.2
 176 72.1 0.0 181.4



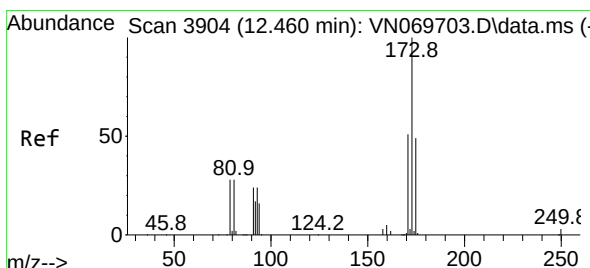
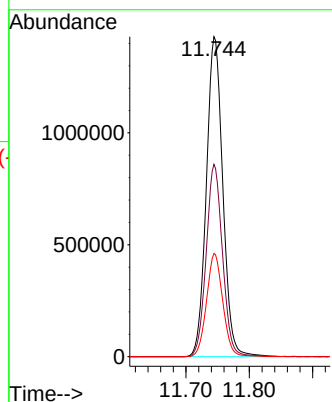
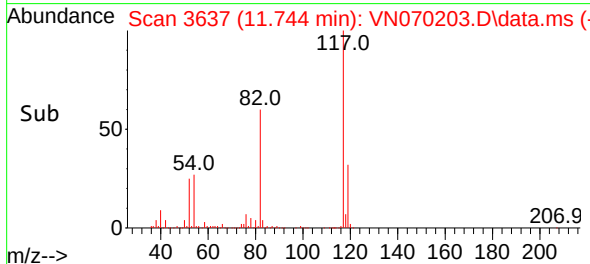


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. -0.002 min
Lab File: VN070203.D
Acq: 18 Dec 2021 8:48

Instrument :
MSVOA_N
ClientSampleId :

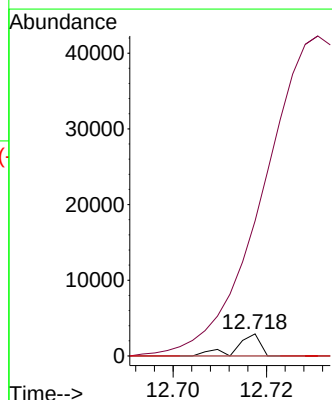
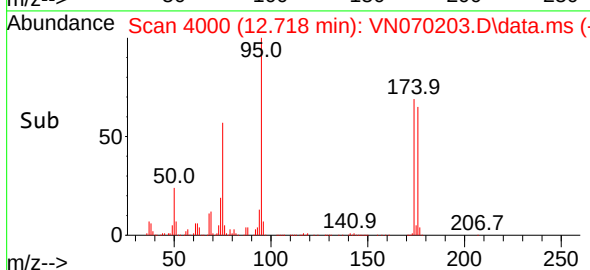
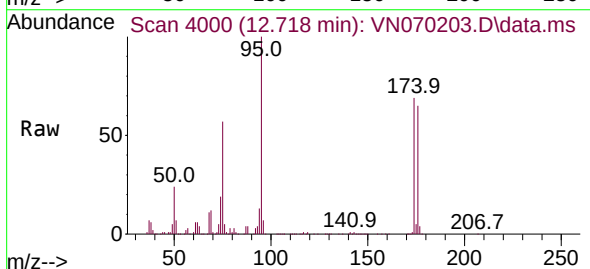


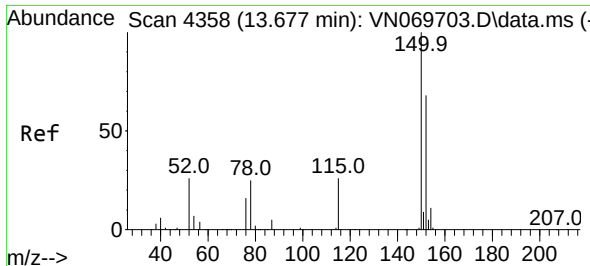
Tgt Ion:117 Resp: 2581918
Ion Ratio Lower Upper
117 100
82 60.1 42.4 63.6
119 32.2 25.4 38.2



#71
Bromoform
Concen: 2.793 ug/l
RT: 12.718 min Scan# 4000
Delta R.T. 0.258 min
Lab File: VN070203.D
Acq: 18 Dec 2021 8:48

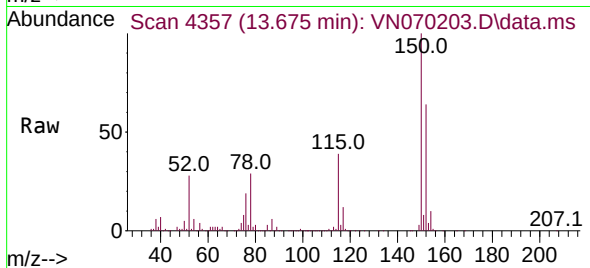
Tgt Ion:173 Resp: 1028
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0





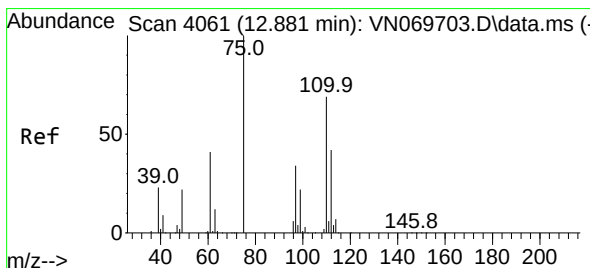
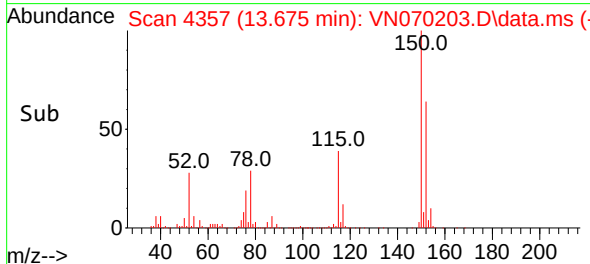
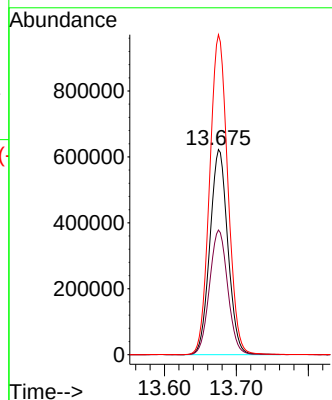
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.002 min
 Lab File: VN070203.D
 Acq: 18 Dec 2021 8:48

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:152 Resp: 1079073

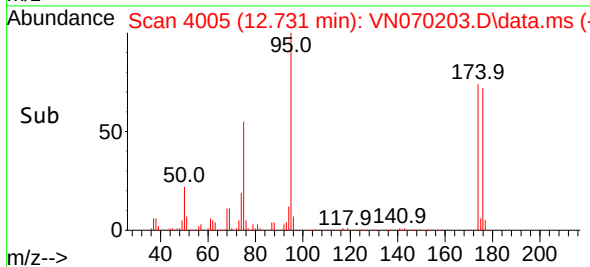
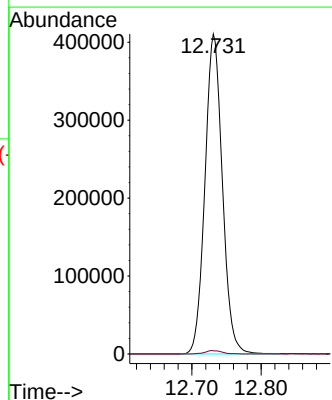
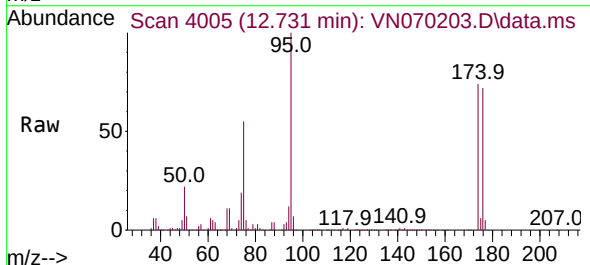
Ion	Ratio	Lower	Upper
152	100		
115	61.8	27.5	82.5
150	157.8	0.0	344.4

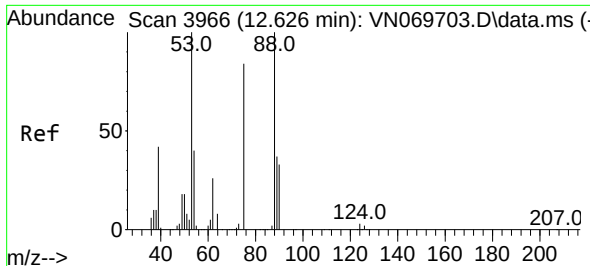


#76
 1,2,3-Trichloropropane
 Concen: 23.182 ug/l
 RT: 12.731 min Scan# 4005
 Delta R.T. -0.150 min
 Lab File: VN070203.D
 Acq: 18 Dec 2021 8:48

Tgt Ion: 75 Resp: 717384

Ion	Ratio	Lower	Upper
75	100		
77	1.0	82.6	247.8#

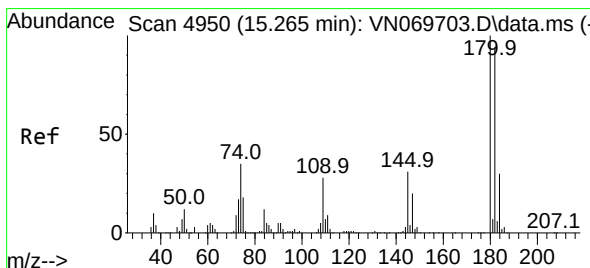
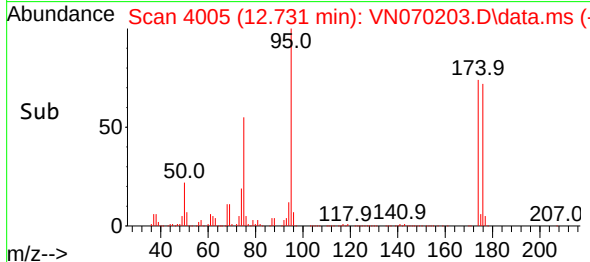
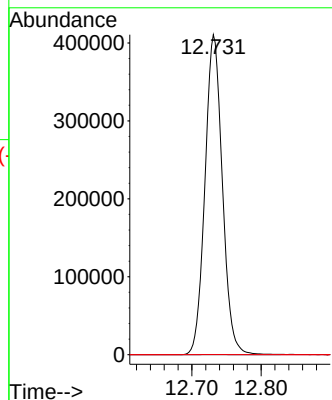
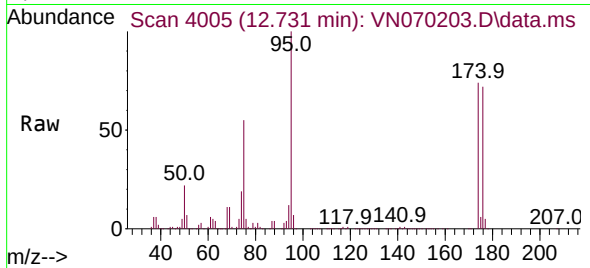




#81
trans-1,4-Dichloro-2-butene
Concen: 73.771 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN070203.D
Acq: 18 Dec 2021 8:48

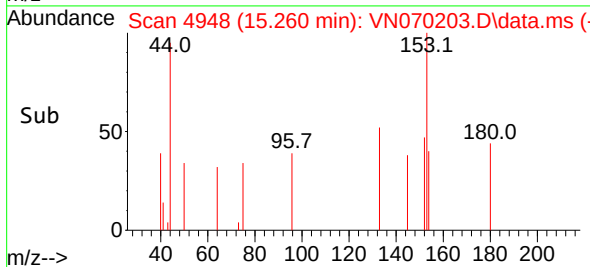
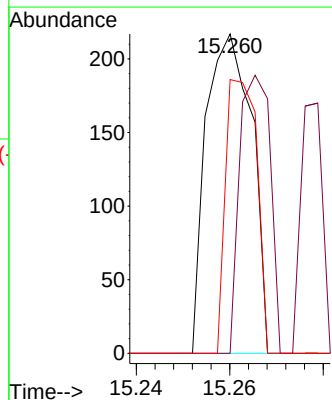
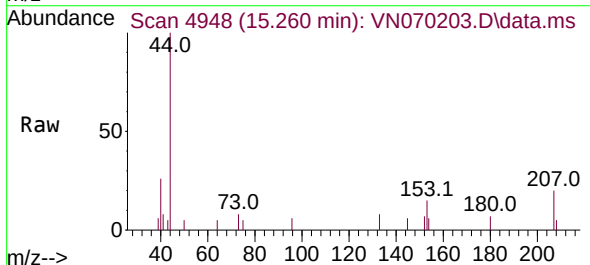
Instrument :
MSVOA_N
ClientSampleId :

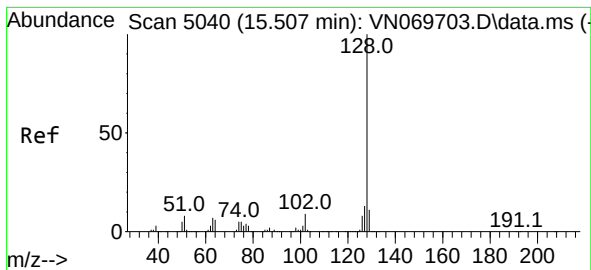
Tgt Ion: 75 Resp: 717384
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 2.886 ug/l
RT: 15.260 min Scan# 4948
Delta R.T. -0.005 min
Lab File: VN070203.D
Acq: 18 Dec 2021 8:48

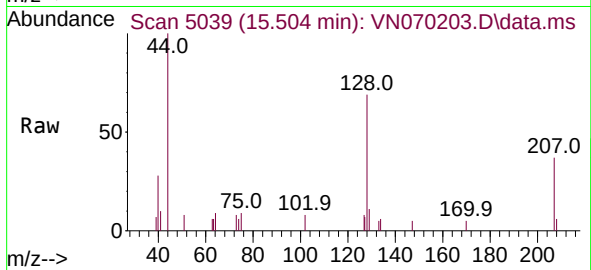
Tgt Ion: 180 Resp: 147
Ion Ratio Lower Upper
180 100
182 58.5 48.3 144.9
145 58.5 14.5 43.5#





#95
Naphthalene
Concen: 4.031 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN070203.D
Acq: 18 Dec 2021 8:48

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 2657
Ion Ratio Lower Upper
128 100
127 14.2 10.5 15.7
129 13.4 8.7 13.1#

