

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121521\
 Data File : VN070105.D
 Acq On : 15 Dec 2021 11:50
 Operator : JC/MD
 Sample : VN1215MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 16 05:37:31 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)

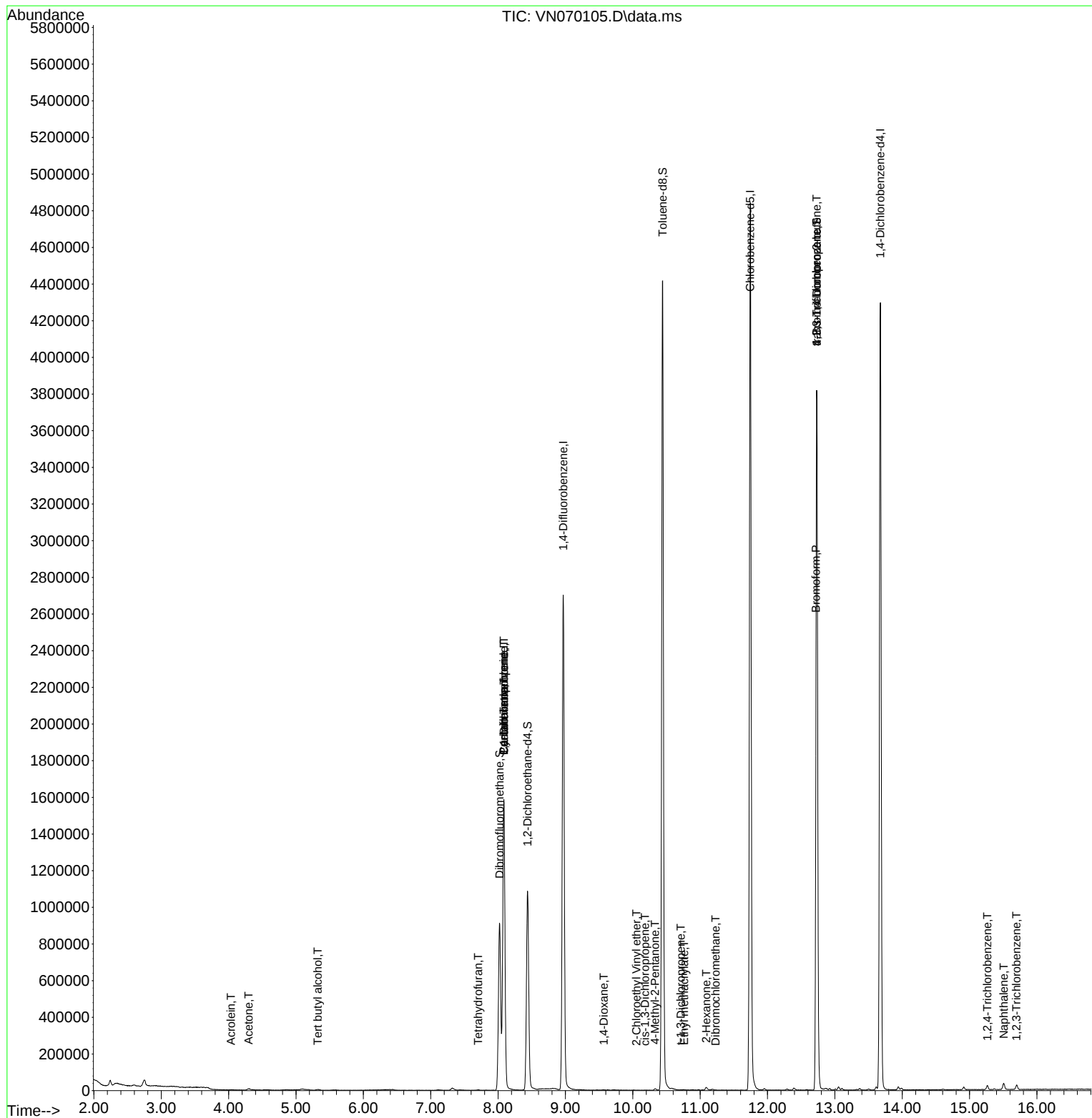
Internal Standards						
1) Pentafluorobenzene	8.086	168	1185126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2280571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2690784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1152076	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	957287	52.315	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.640%	
35) Dibromofluoromethane	8.021	113	668921	46.827	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 93.660%	
50) Toluene-d8	10.443	98	3030077	52.827	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.660%	
62) 4-Bromofluorobenzene	12.731	95	1357356	65.321	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 130.640%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.321	59	3341	0.966	ug/l #	71
13) Acrolein	4.033	56	823	0.279	ug/l #	42
16) Acetone	4.296	43	10603	0.963	ug/l	89
29) Tetrahydrofuran	7.705	42	2136	0.235	ug/l #	54
31) Cyclohexane	8.086	56	30706	1.206	ug/l #	22
36) 1,1-Dichloropropene	8.086	75	100703	4.638	ug/l #	49
38) Carbon Tetrachloride	8.086	117	121386	5.702	ug/l #	16
49) 1,4-Dioxane	9.569	88	311	0.777	ug/l #	63
51) 4-Methyl-2-Pentanone	10.331	43	7108	0.229	ug/l	96
53) t-1,3-Dichloropropene	10.711	75	259	2.803	ug/l #	47
54) cis-1,3-Dichloropropene	10.183	75	139	2.003	ug/l #	70
56) Ethyl methacrylate	10.762	69	1036	2.311	ug/l #	30
58) 2-Chloroethyl Vinyl ether	10.054	63	120	18.402	ug/l #	45
59) 2-Hexanone	11.090	43	13821	0.589	ug/l	90
60) Dibromochloromethane	11.232	129	49	2.379	ug/l #	11
71) Bromoform	12.720	173	1216	2.801	ug/l #	1
76) 1,2,3-Trichloropropane	12.731	75	749402	22.682	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	749402	72.268	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.265	180	7404	3.247	ug/l	99
95) Naphthalene	15.507	128	31438	4.499	ug/l	98
96) 1,2,3-Trichlorobenzene	15.697	180	8876	2.894	ug/l	94

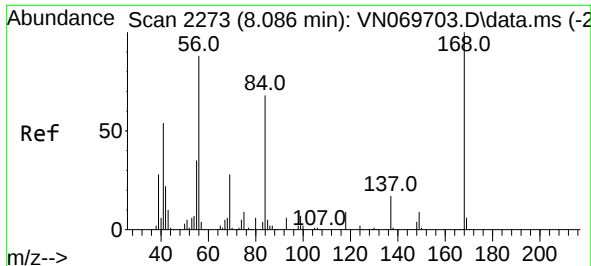
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121521\
Data File : VN070105.D
Acq On : 15 Dec 2021 11:50
Operator : JC/MD
Sample : VN1215MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

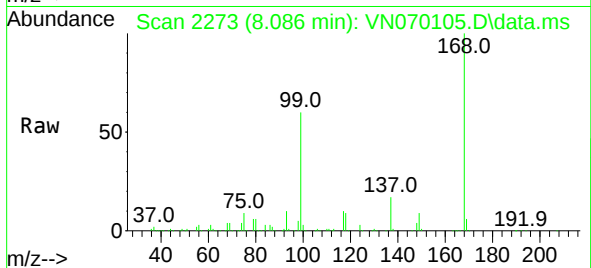
Quant Time: Dec 16 05:37:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration



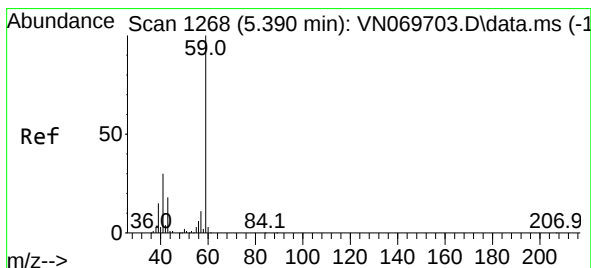
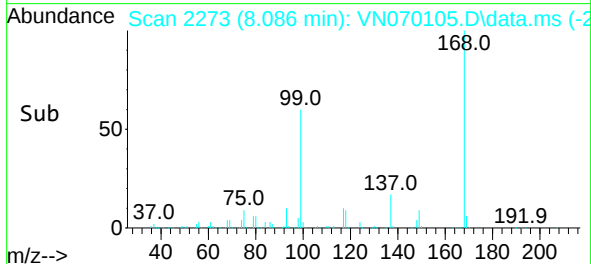
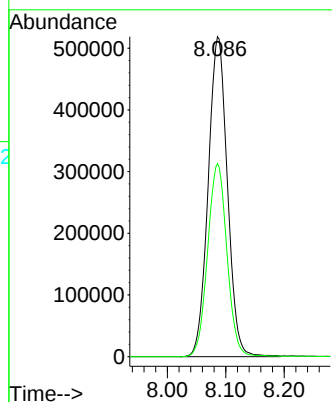


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070105.D
Acq: 15 Dec 2021 11:50

Instrument :
MSVOA_N
ClientSampleId :

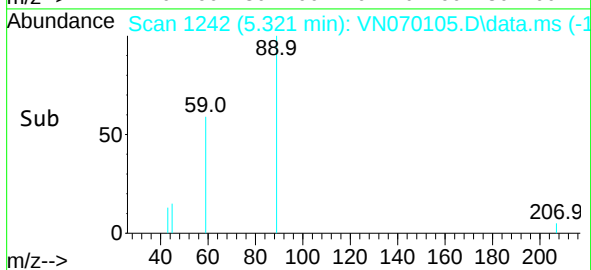
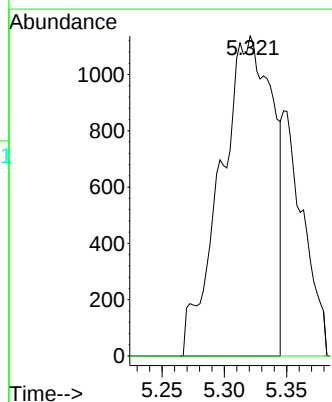
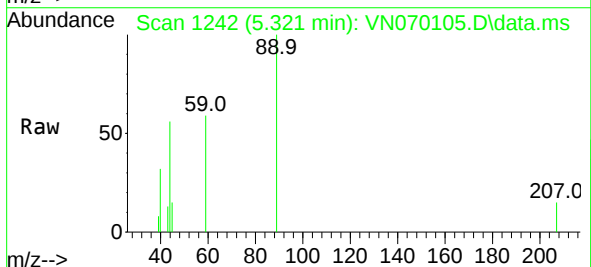


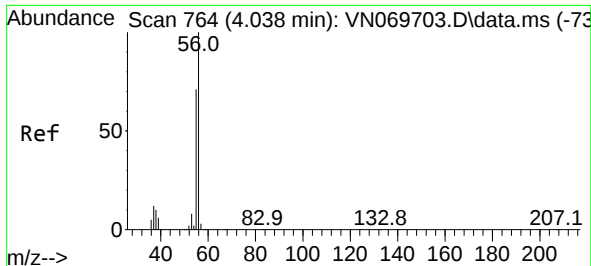
Tgt Ion:168 Resp: 1185126
Ion Ratio Lower Upper
168 100
99 60.3 41.3 61.9



#11
Tert butyl alcohol
Concen: 0.966 ug/l
RT: 5.321 min Scan# 1242
Delta R.T. -0.070 min
Lab File: VN070105.D
Acq: 15 Dec 2021 11:50

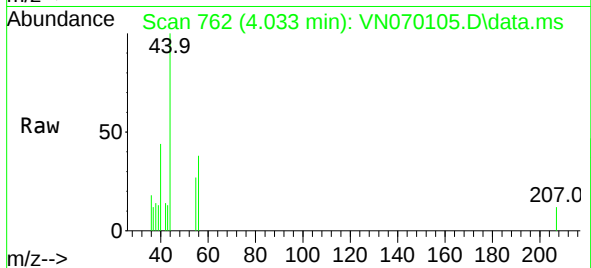
Tgt Ion: 59 Resp: 3341
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



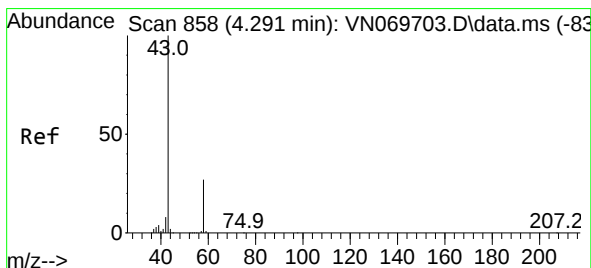
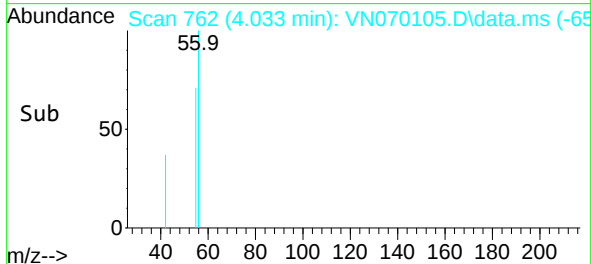
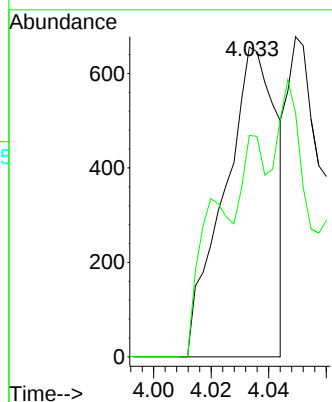


#13
Acrolein
Concen: 0.279 ug/l
RT: 4.033 min Scan# 762
Delta R.T. -0.005 min
Lab File: VN070105.D
Acq: 15 Dec 2021 11:50

Instrument :
MSVOA_N
ClientSampleId :

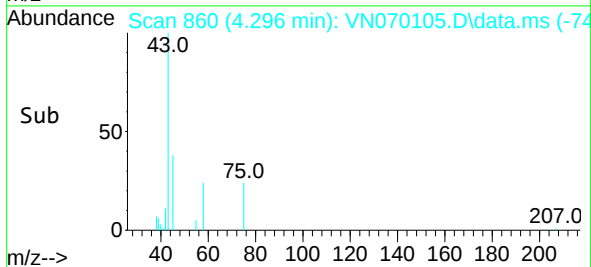
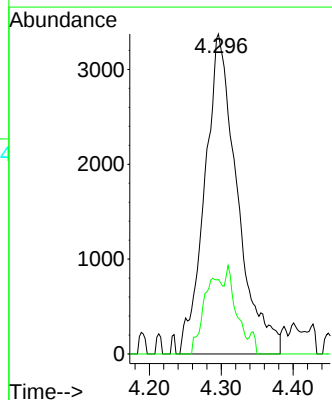
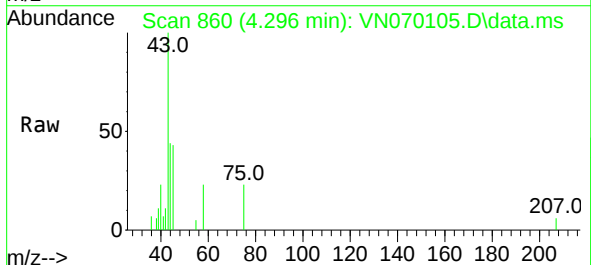


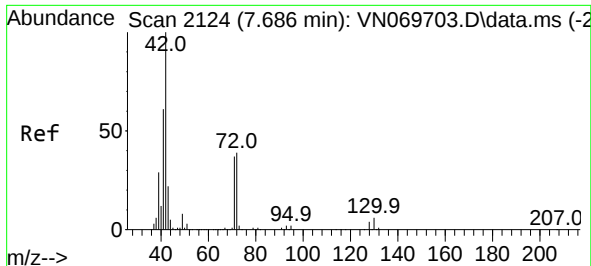
Tgt Ion: 56 Resp: 823
Ion Ratio Lower Upper
56 100
55 22.6 56.6 85.0#



#16
Acetone
Concen: 0.963 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.006 min
Lab File: VN070105.D
Acq: 15 Dec 2021 11:50

Tgt Ion: 43 Resp: 10603
Ion Ratio Lower Upper
43 100
58 23.3 23.1 34.7





#29

Tetrahydrofuran

Concen: 0.235 ug/l

RT: 7.705 min Scan# 2136

Delta R.T. 0.019 min

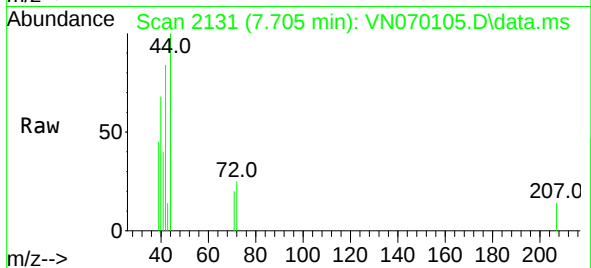
Lab File: VN070105.D

Acq: 15 Dec 2021 11:50

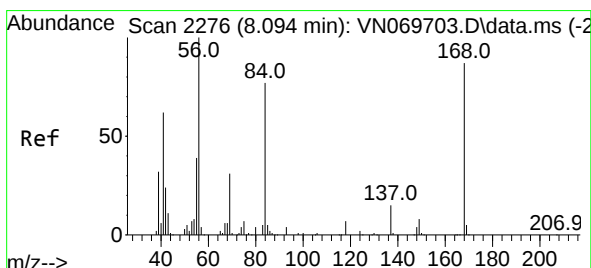
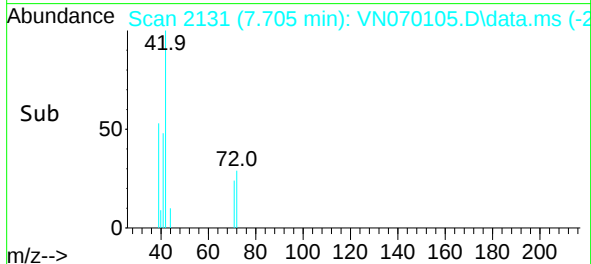
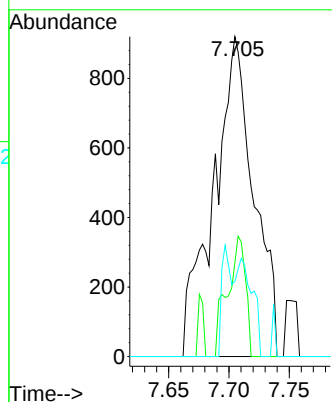
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	2136
Ion Ratio	100	Lower	Upper
42	100		
72	16.9	36.3	54.5#
71	11.6	34.7	52.1#



#31

Cyclohexane

Concen: 1.206 ug/l

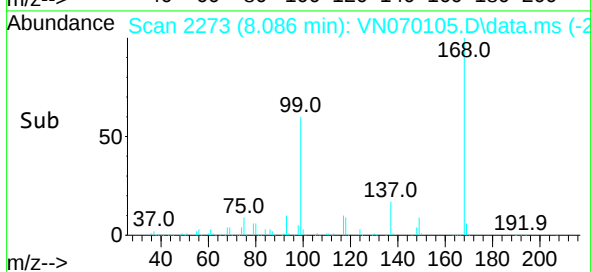
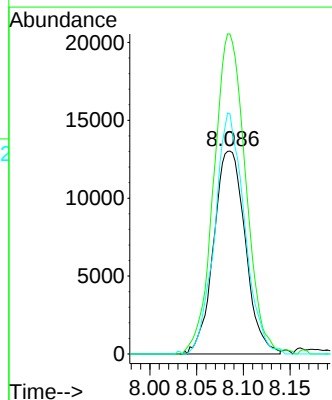
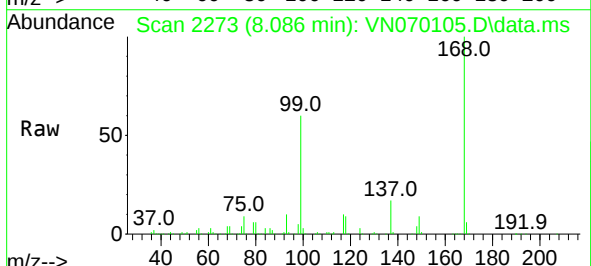
RT: 8.086 min Scan# 2273

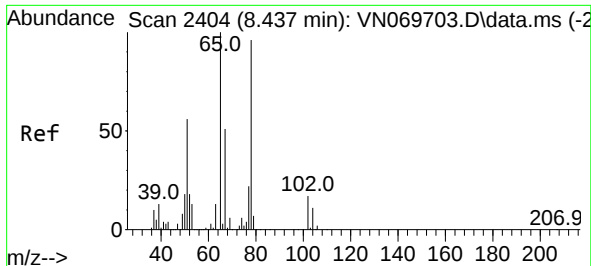
Delta R.T. -0.008 min

Lab File: VN070105.D

Acq: 15 Dec 2021 11:50

Tgt Ion:	56	Resp:	30706
Ion Ratio	100	Lower	Upper
56	100		
69	157.8	27.1	40.7#
84	117.3	73.4	110.0#





#33

1,2-Dichloroethane-d4

Concen: 52.315 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070105.D

Acq: 15 Dec 2021 11:50

Instrument :

MSVOA_N

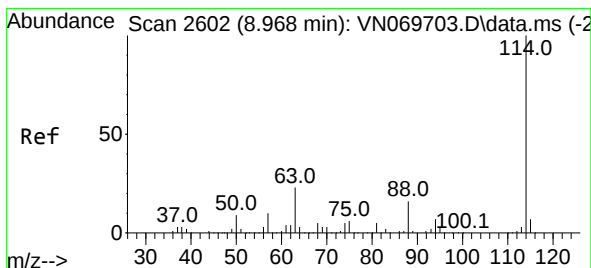
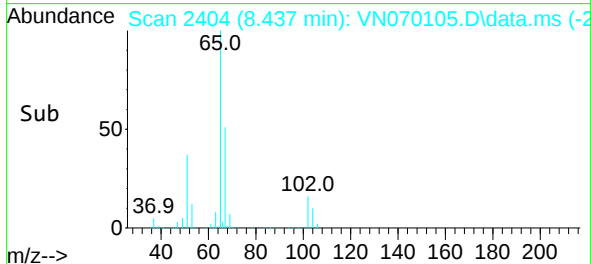
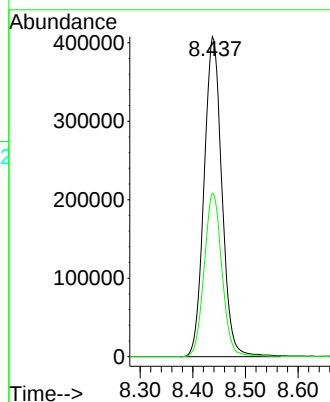
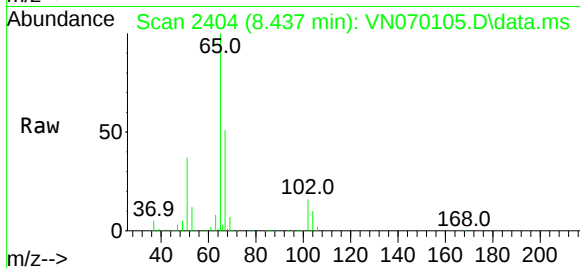
ClientSampleId :

Tgt Ion: 65 Resp: 957287

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: VN070105.D

Acq: 15 Dec 2021 11:50

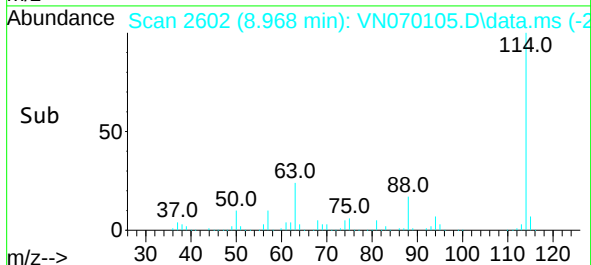
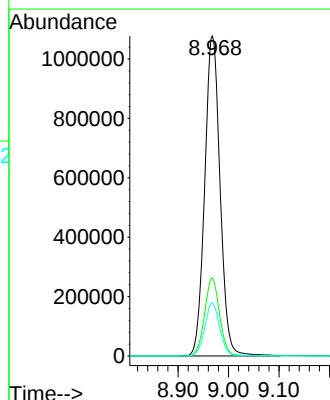
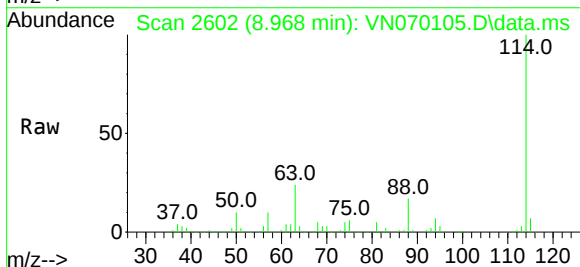
Tgt Ion: 114 Resp: 2280571

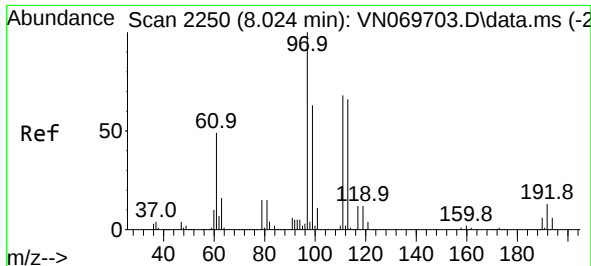
Ion Ratio Lower Upper

114 100

63 24.4 0.0 37.8

88 16.6 0.0 27.4

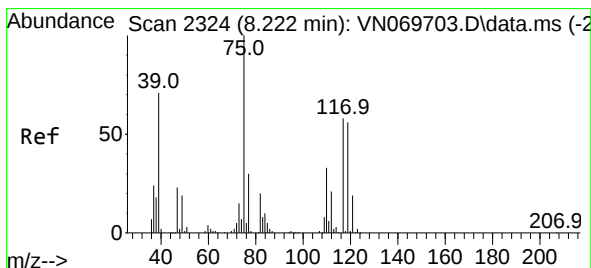
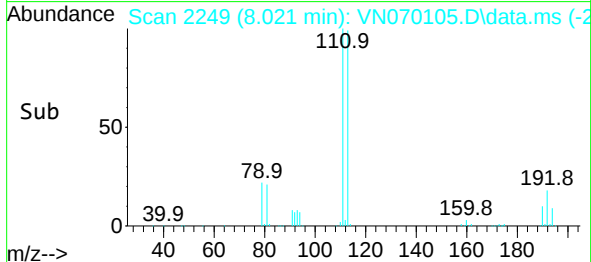
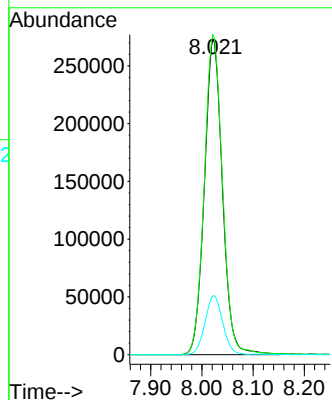
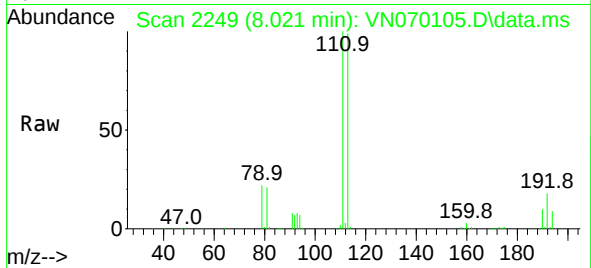




#35
Dibromofluoromethane
Concen: 46.827 ug/l
RT: 8.021 min Scan# 211
Delta R.T. -0.002 min
Lab File: VN070105.D
Acq: 15 Dec 2021 11:50

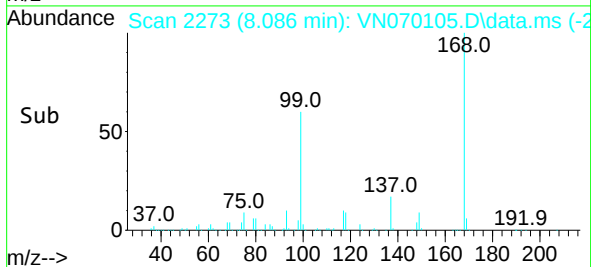
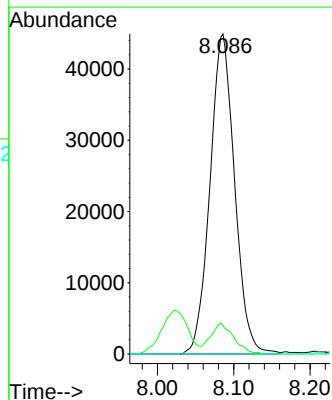
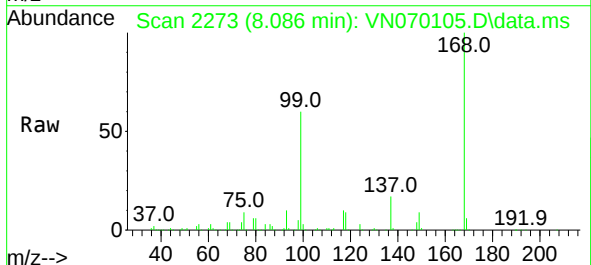
Instrument :
MSVOA_N
ClientSampleId :

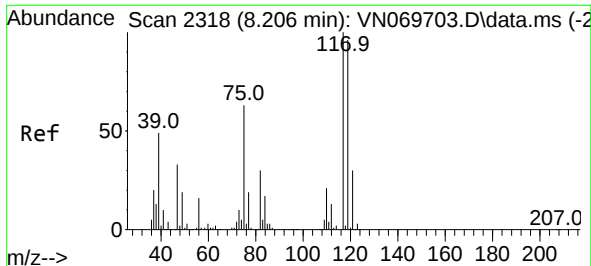
Tgt Ion:113 Resp: 668921
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 18.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.638 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN070105.D
Acq: 15 Dec 2021 11:50

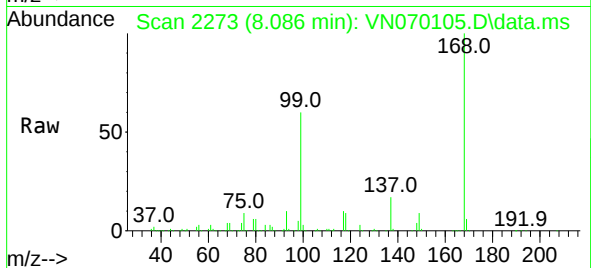
Tgt Ion: 75 Resp: 100703
Ion Ratio Lower Upper
75 100
110 9.1 18.4 55.2#
77 0.0 24.4 36.6#



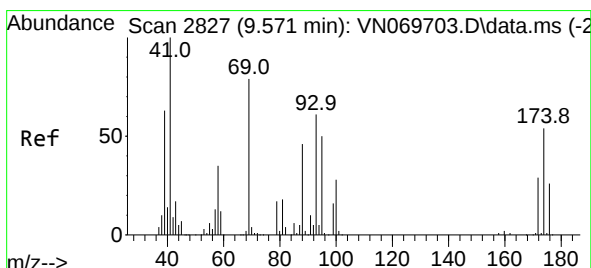
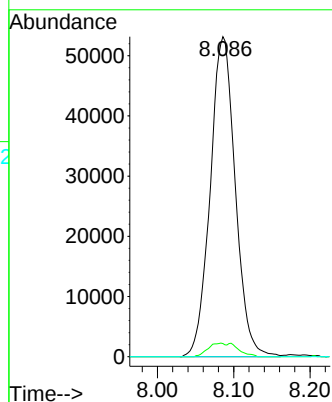
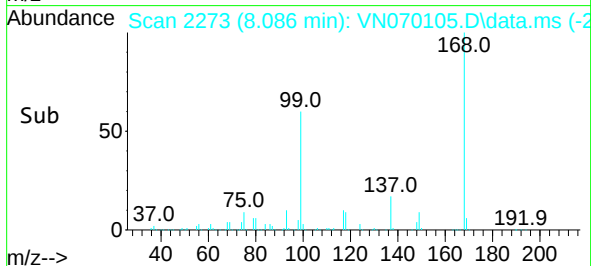


#38
Carbon Tetrachloride
Concen: 5.702 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.120 min
Lab File: VN070105.D
Acq: 15 Dec 2021 11:50

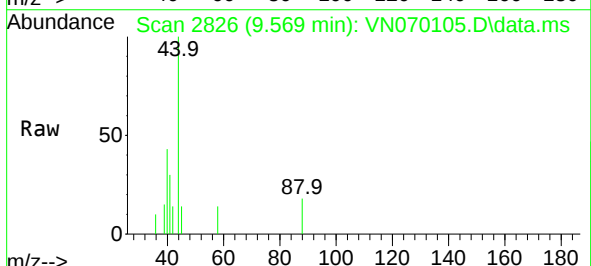
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MSVOA_N
ClientSampleId :



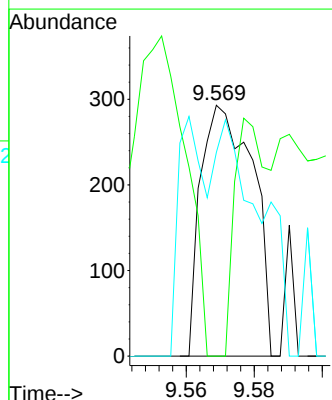
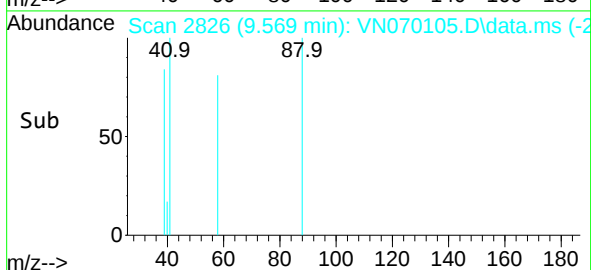
Tgt Ion:117 Resp: 121386
Ion Ratio Lower Upper
117 100
119 4.1 76.1 114.1#
121 0.0 24.2 36.2#

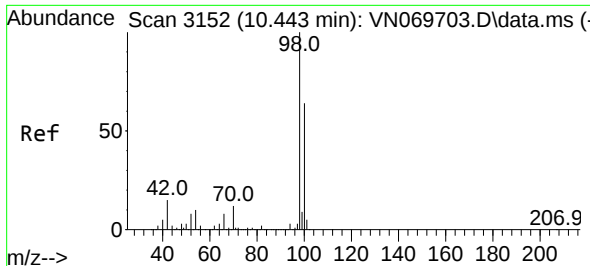


#49
1,4-Dioxane
Concen: 0.777 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.002 min
Lab File: VN070105.D
Acq: 15 Dec 2021 11:50



Tgt Ion: 88 Resp: 311
Ion Ratio Lower Upper
88 100
43 61.4 23.4 35.2#
58 83.6 50.6 75.8#

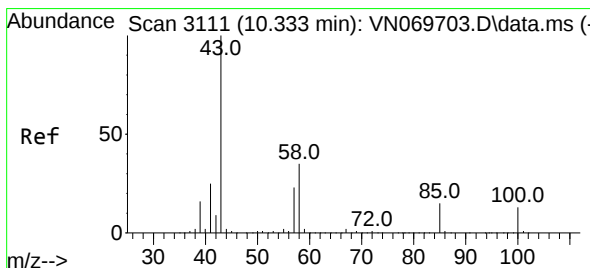
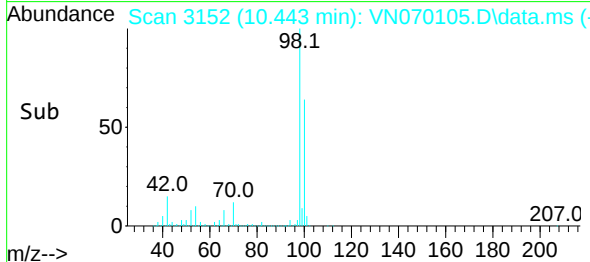
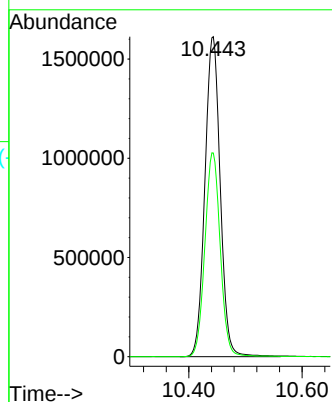
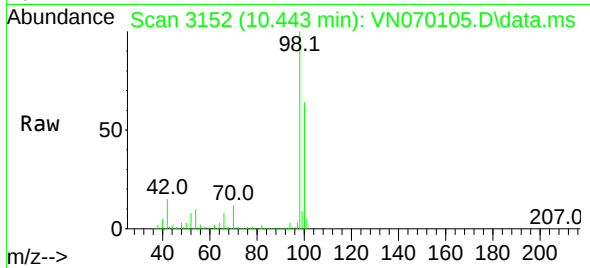




#50
Toluene-d8
Concen: 52.827 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070105.D
Acq: 15 Dec 2021 11:50

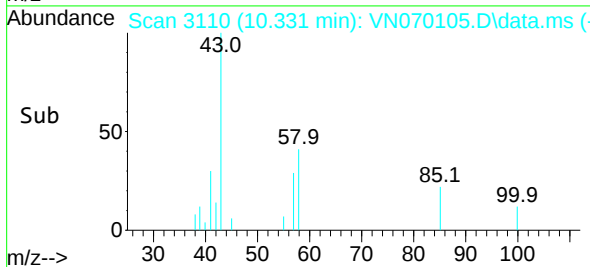
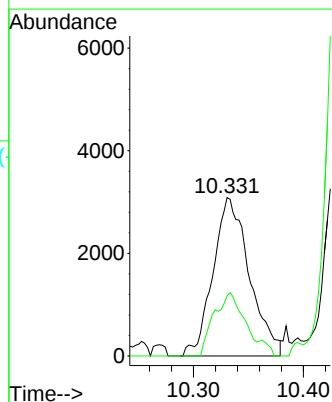
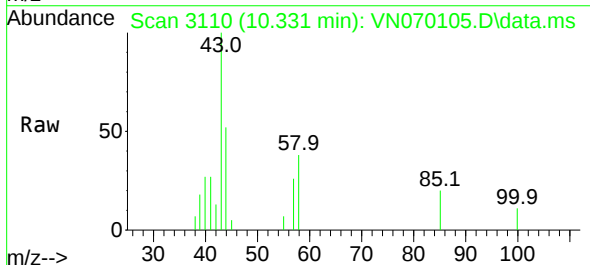
Instrument :
MSVOA_N
ClientSampleId :

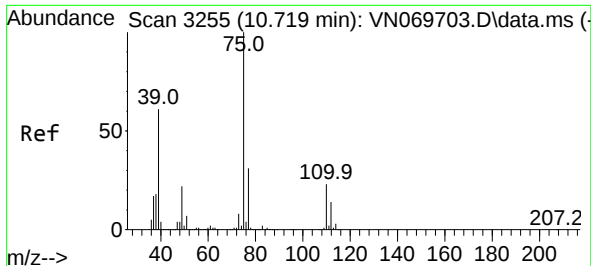
Tgt Ion: 98 Resp: 3030077
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.229 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. -0.002 min
Lab File: VN070105.D
Acq: 15 Dec 2021 11:50

Tgt Ion: 43 Resp: 7108
Ion Ratio Lower Upper
43 100
58 35.4 30.4 45.6

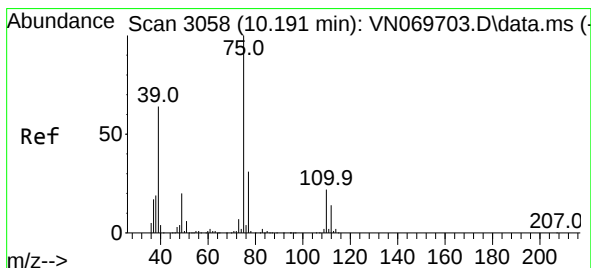
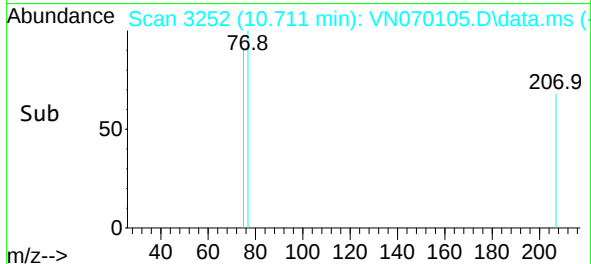
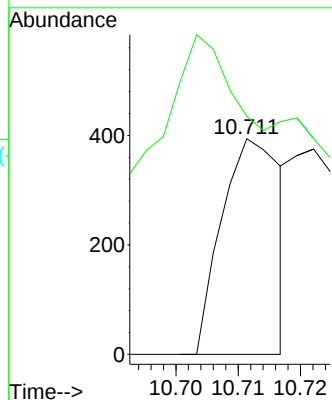
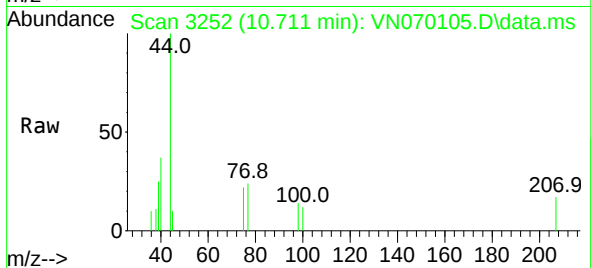




#53
t-1,3-Dichloropropene
Concen: 2.803 ug/l
RT: 10.711 min Scan# 31
Delta R.T. -0.008 min
Lab File: VN070105.D
Acq: 15 Dec 2021 11:50

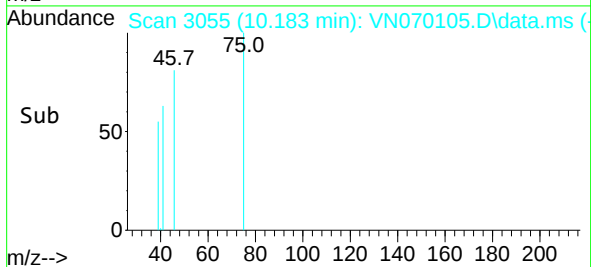
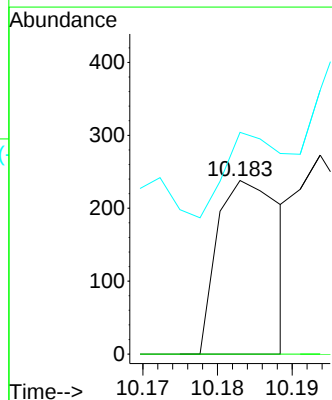
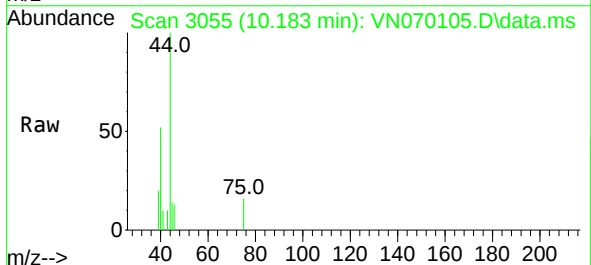
Instrument :
MSVOA_N
ClientSampleId :

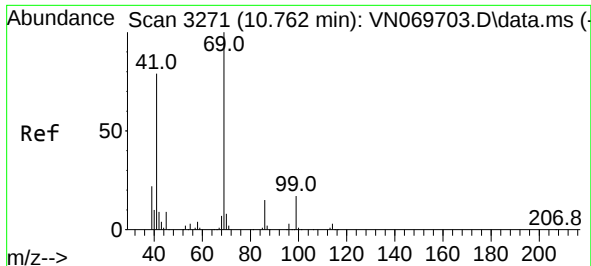
Tgt Ion: 75 Resp: 259
Ion Ratio Lower Upper
75 100
77 2.5 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 2.003 ug/l
RT: 10.183 min Scan# 3055
Delta R.T. -0.008 min
Lab File: VN070105.D
Acq: 15 Dec 2021 11:50

Tgt Ion: 75 Resp: 139
Ion Ratio Lower Upper
75 100
77 0.0 26.4 39.6#
39 44.5 42.5 63.7

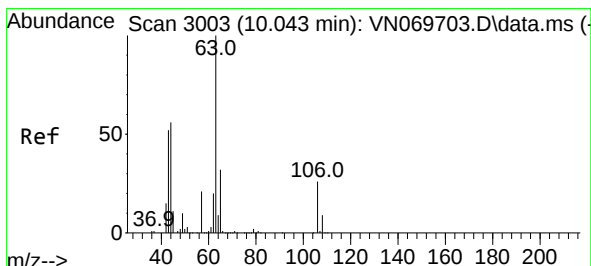
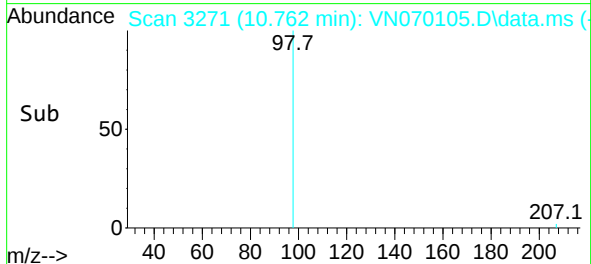
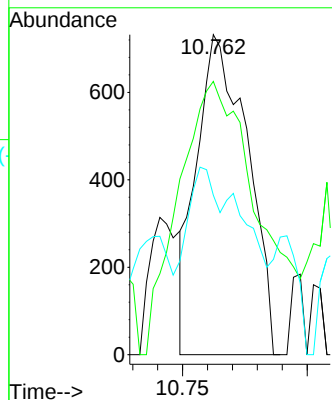
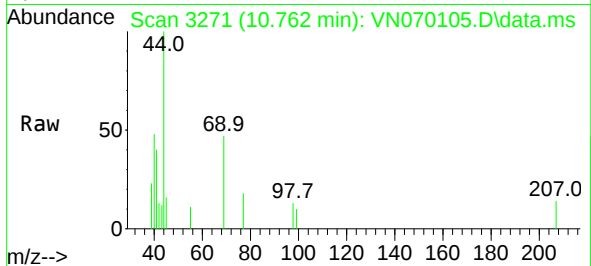




#56
Ethyl methacrylate
Concen: 2.311 ug/l
RT: 10.762 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070105.D
Acq: 15 Dec 2021 11:50

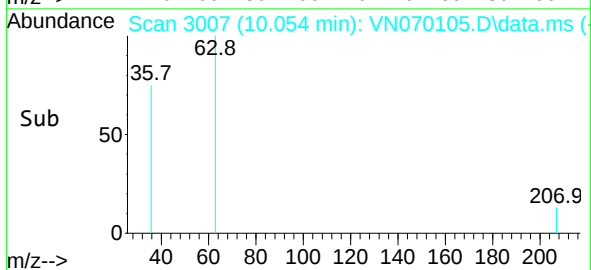
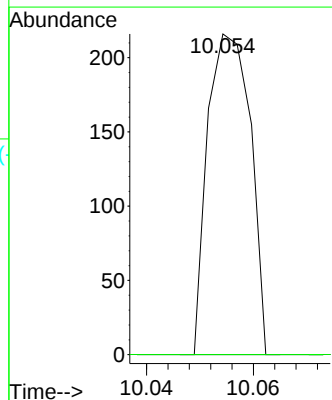
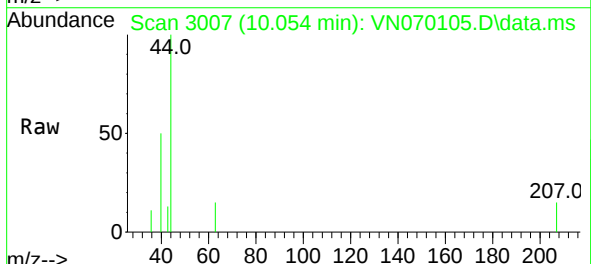
Instrument :
MSVOA_N
ClientSampleId :

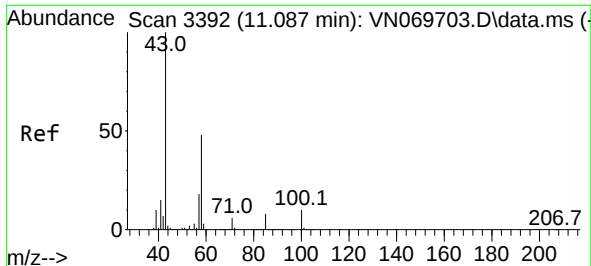
Tgt Ion: 69 Resp: 1036
Ion Ratio Lower Upper
69 100
41 134.6 51.4 77.0#
39 18.0 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 18.402 ug/l
RT: 10.054 min Scan# 3007
Delta R.T. 0.011 min
Lab File: VN070105.D
Acq: 15 Dec 2021 11:50

Tgt Ion: 63 Resp: 120
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

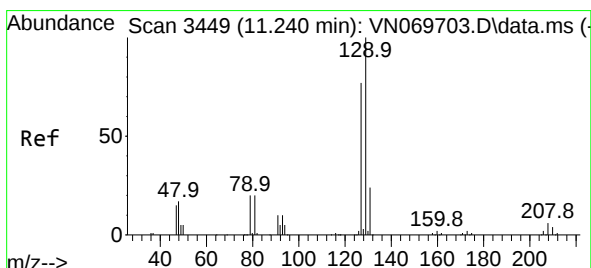
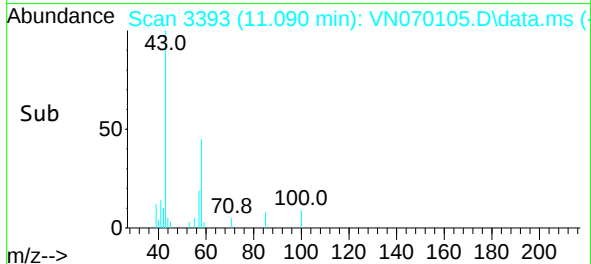
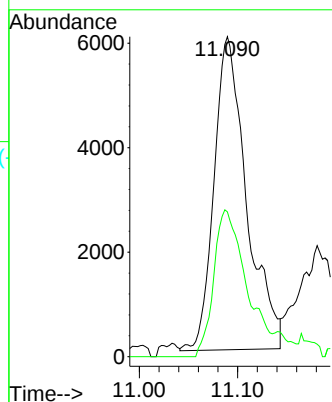
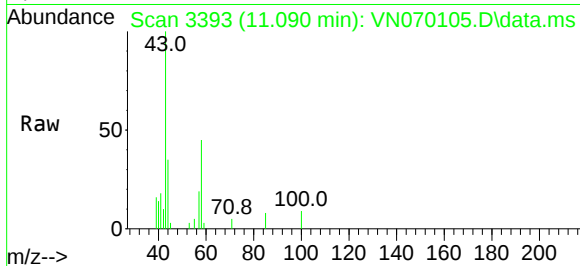




#59
2-Hexanone
Concen: 0.589 ug/l
RT: 11.090 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070105.D
Acq: 15 Dec 2021 11:50

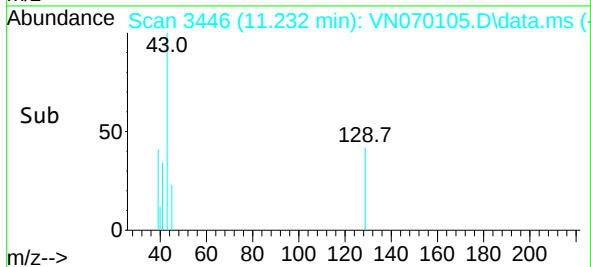
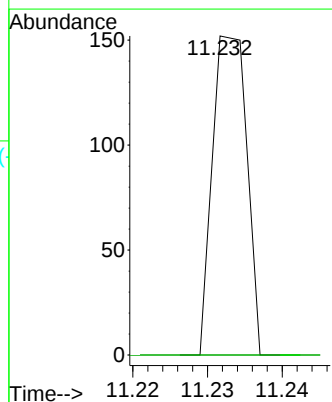
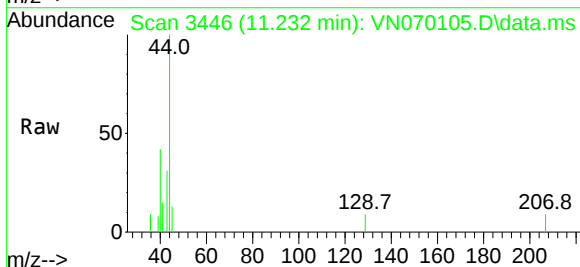
Instrument :
MSVOA_N
ClientSampleId :

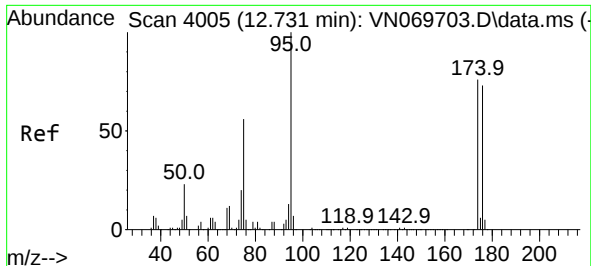
Tgt Ion: 43 Resp: 13821
Ion Ratio Lower Upper
43 100
58 46.7 26.9 80.7



#60
Dibromochloromethane
Concen: 2.379 ug/l
RT: 11.232 min Scan# 3446
Delta R.T. -0.008 min
Lab File: VN070105.D
Acq: 15 Dec 2021 11:50

Tgt Ion: 129 Resp: 49
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

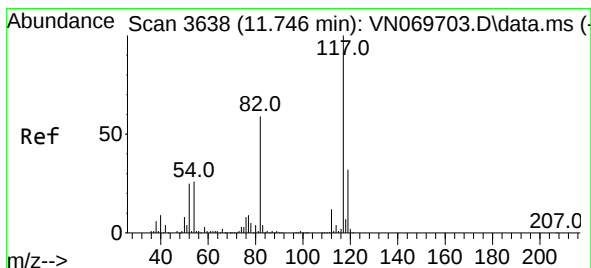
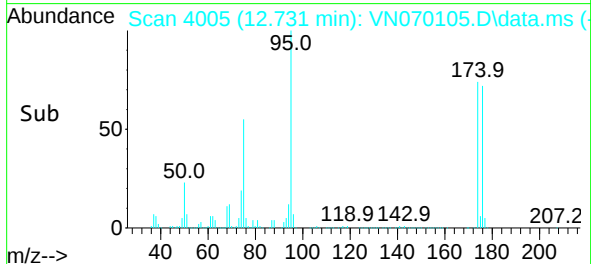
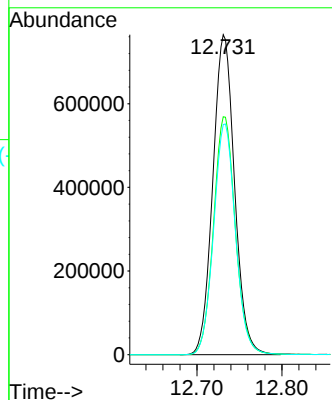
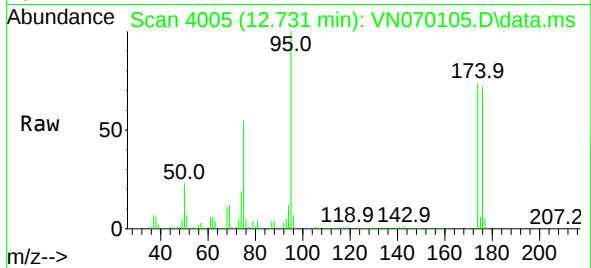




#62
4-Bromofluorobenzene
Concen: 65.321 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070105.D
Acq: 15 Dec 2021 11:50

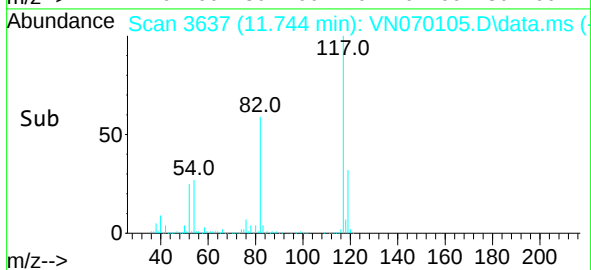
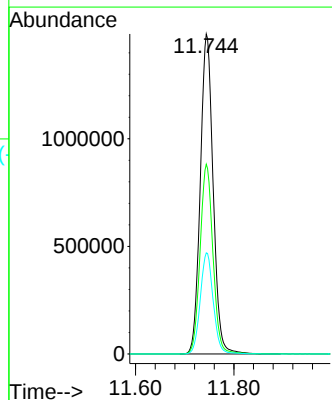
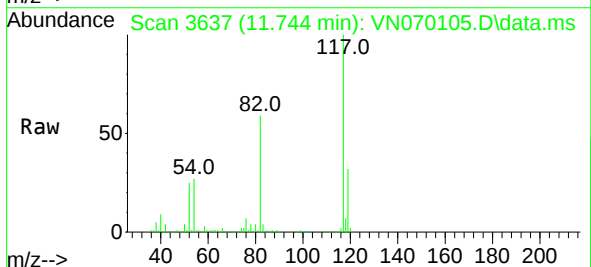
Instrument :
MSVOA_N
ClientSampleId :

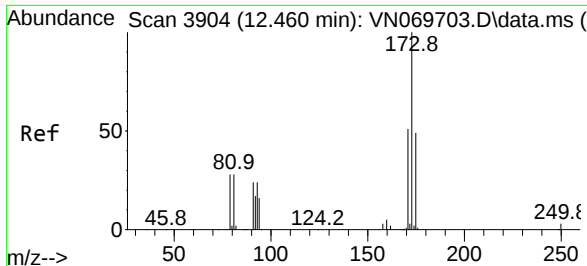
Tgt Ion: 95 Resp: 1357356
Ion Ratio Lower Upper
95 100
174 74.9 0.0 187.2
176 72.6 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070105.D
Acq: 15 Dec 2021 11:50

Tgt Ion: 117 Resp: 2690784
Ion Ratio Lower Upper
117 100
82 59.3 42.4 63.6
119 31.6 25.4 38.2

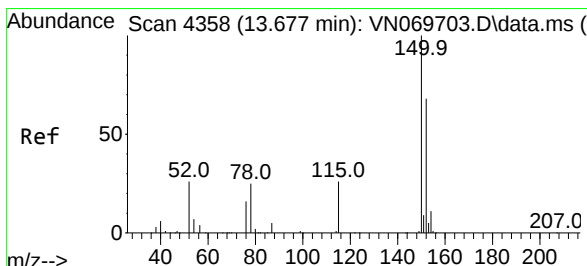
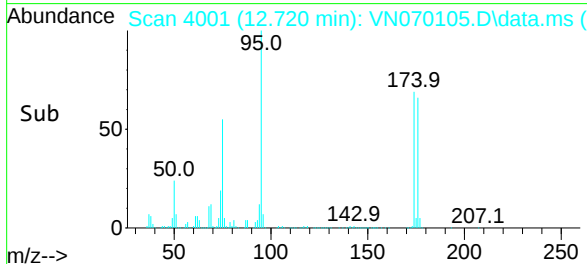
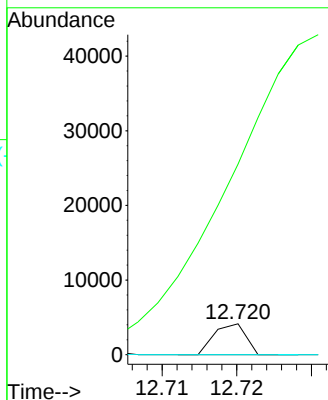
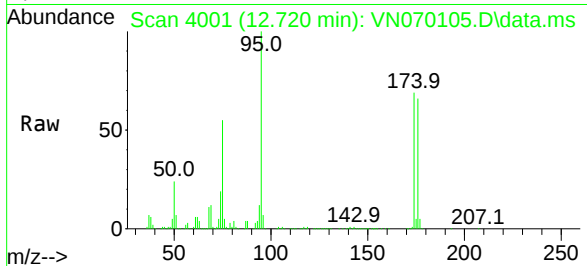




#71
Bromoform
Concen: 2.801 ug/l
RT: 12.720 min Scan# 4001
Delta R.T. 0.260 min
Lab File: VN070105.D
Acq: 15 Dec 2021 11:50

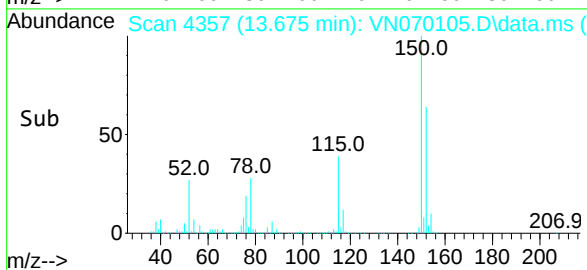
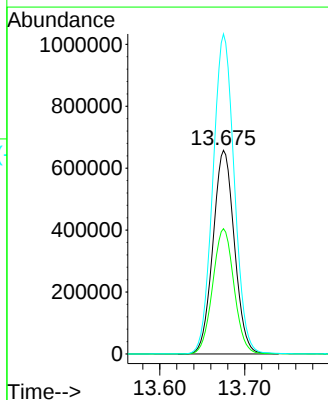
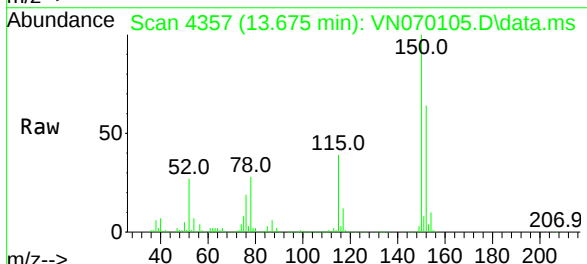
Instrument :
MSVOA_N
ClientSampleId :

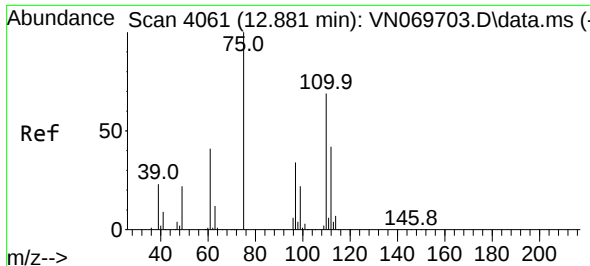
Tgt Ion:173 Resp: 1216
Ion Ratio Lower Upper
173 100
175 5906.8 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.002 min
Lab File: VN070105.D
Acq: 15 Dec 2021 11:50

Tgt Ion:152 Resp: 1152076
Ion Ratio Lower Upper
152 100
115 61.4 27.5 82.5
150 156.9 0.0 344.4

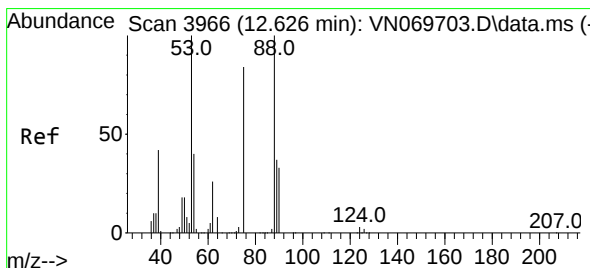
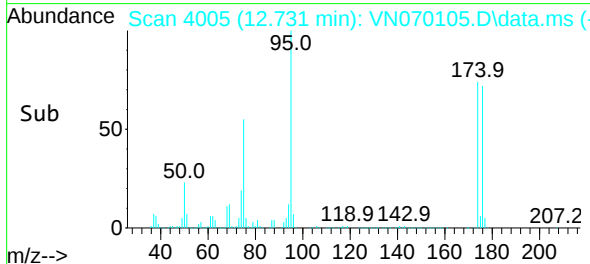
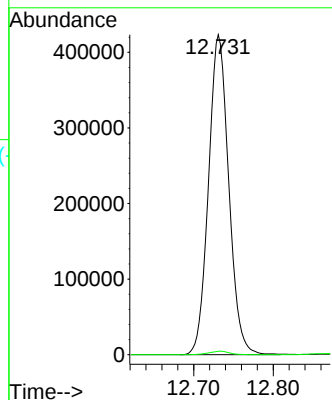
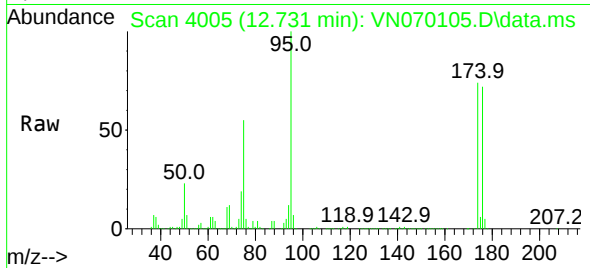




#76
1,2,3-Trichloropropane
Concen: 22.682 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.150 min
Lab File: VN070105.D
Acq: 15 Dec 2021 11:50

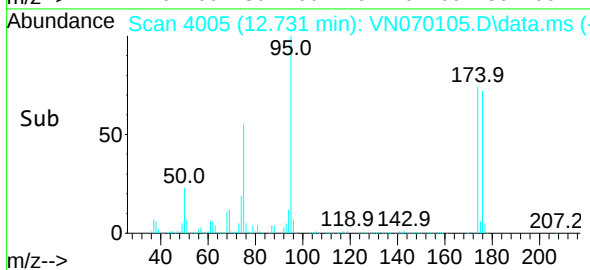
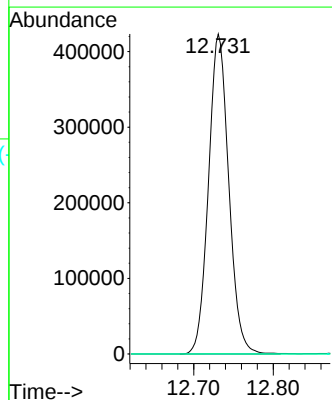
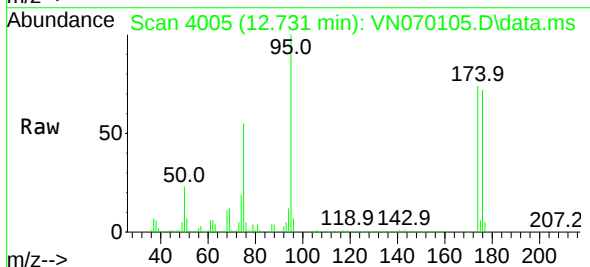
Instrument :
MSVOA_N
ClientSampleId :

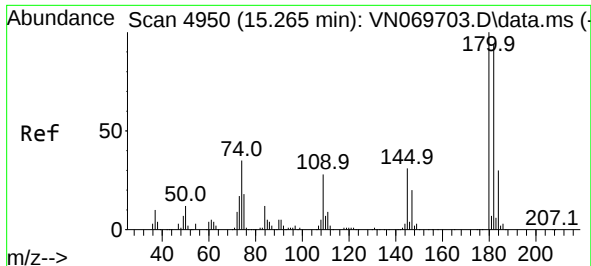
Tgt Ion: 75 Resp: 749402
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.268 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN070105.D
Acq: 15 Dec 2021 11:50

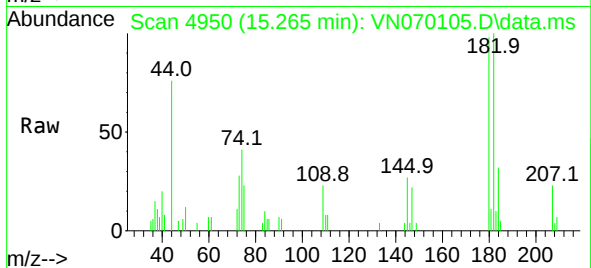
Tgt Ion: 75 Resp: 749402
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



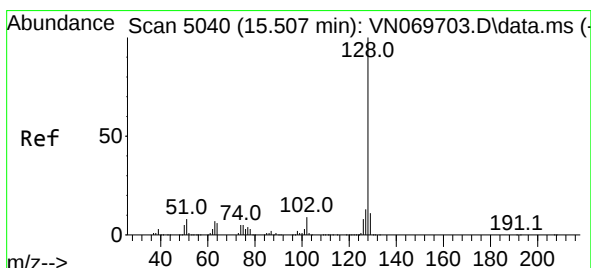
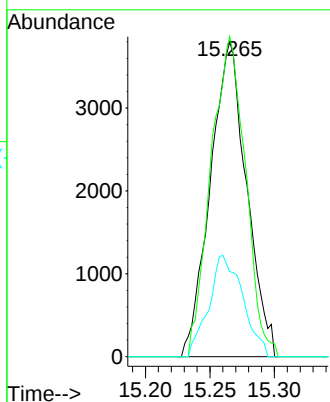
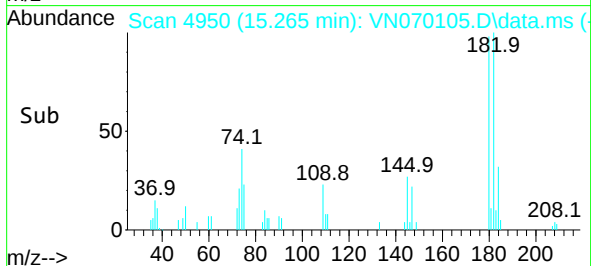


#93
1,2,4-Trichlorobenzene
Concen: 3.247 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN070105.D
Acq: 15 Dec 2021 11:50

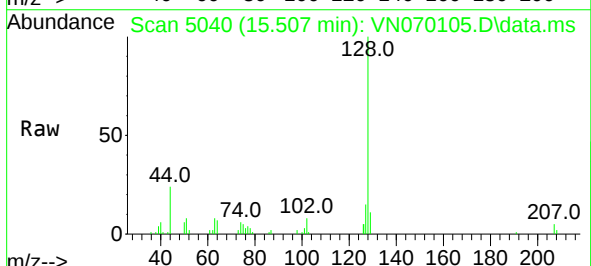
Instrument :
MSVOA_N
ClientSampleId :



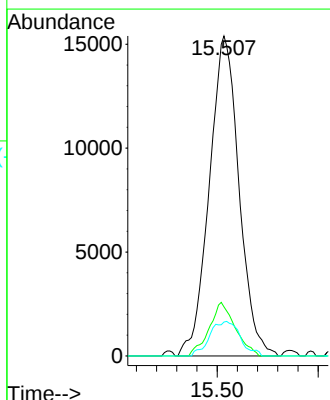
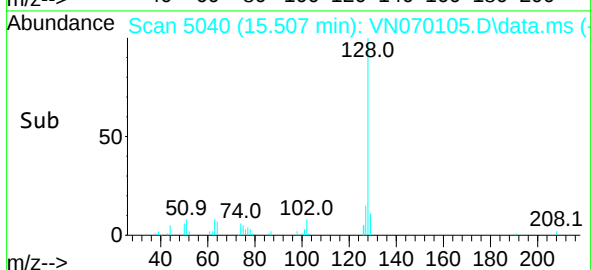
Tgt Ion:180 Resp: 7404
Ion Ratio Lower Upper
180 100
182 97.3 48.3 144.9
145 30.3 14.5 43.5

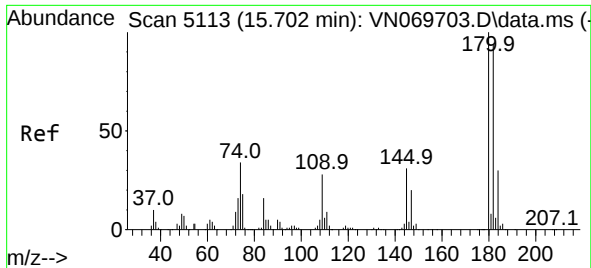


#95
Naphthalene
Concen: 4.499 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070105.D
Acq: 15 Dec 2021 11:50



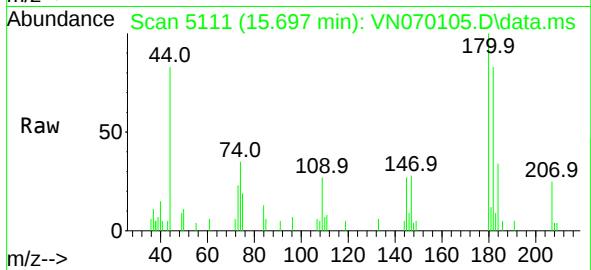
Tgt Ion:128 Resp: 31438
Ion Ratio Lower Upper
128 100
127 14.7 10.5 15.7
129 11.1 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.894 ug/l
 RT: 15.697 min Scan# 51
 Delta R.T. -0.005 min
 Lab File: VN070105.D
 Acq: 15 Dec 2021 11:50

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180	Resp:	8876
Ion	Ratio	Lower Upper
180	100	
182	87.1	47.4 142.2
145	30.0	15.0 45.1

