

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
 Data File : VN070073.D
 Acq On : 14 Dec 2021 16:01
 Operator : JC/MD
 Sample : M4873-10
 Misc : 7.75g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 15 05:18:27 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

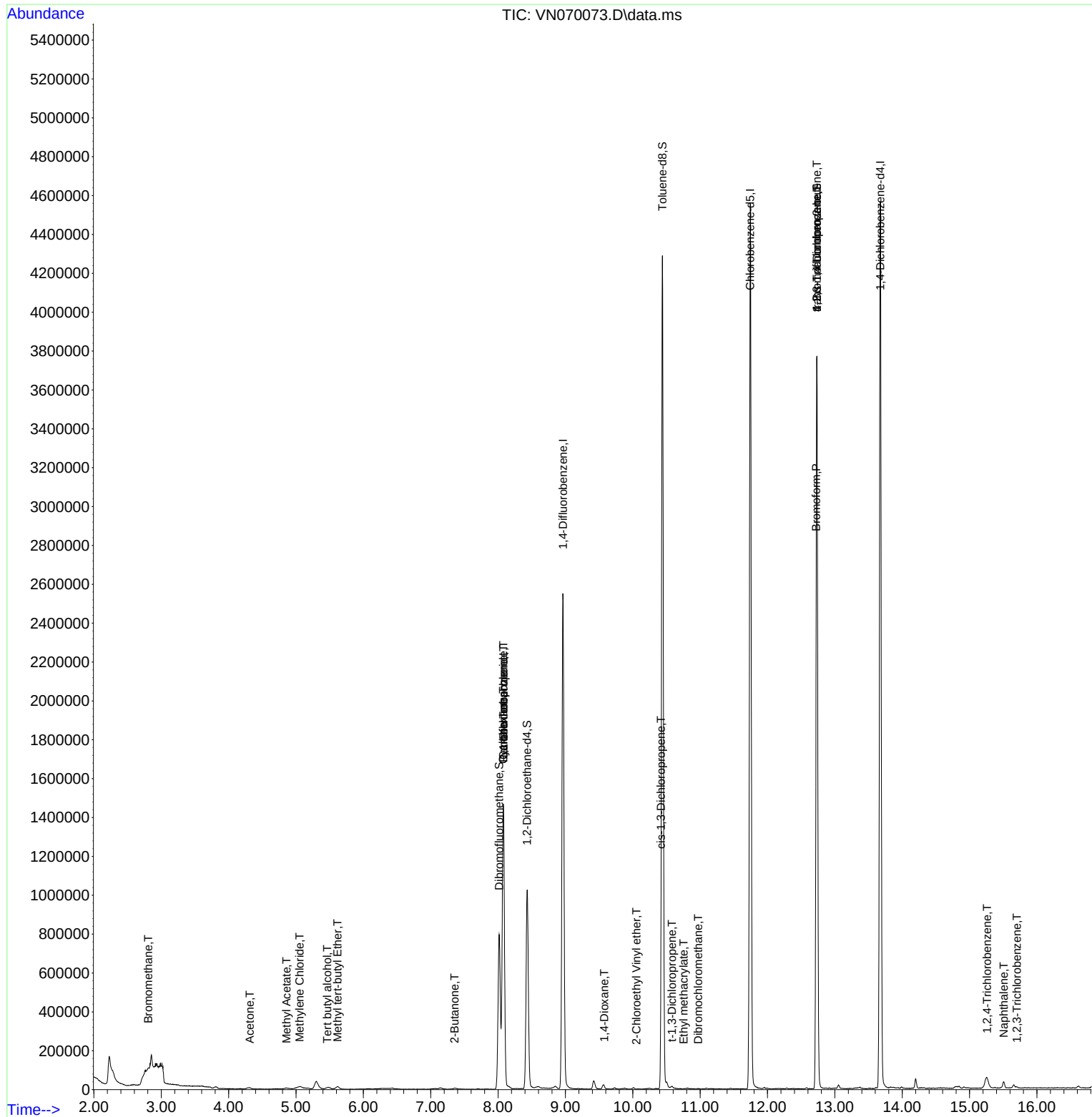
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.080	168	1111246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	2144386	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2500686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1175356	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	895511	52.193	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.380%	
35) Dibromofluoromethane	8.016	113	588656	43.825	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 87.640%	
50) Toluene-d8	10.440	98	2911613	53.985	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 107.960%	
62) 4-Bromofluorobenzene	12.734	95	1289384	65.990	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 131.980%	
Target Compounds						Qvalue
5) Bromomethane	2.805	94	1951	0.241	ug/l	# 77
11) Tert butyl alcohol	5.465	59	5325	1.642	ug/l	95
16) Acetone	4.315	43	7275	0.705	ug/l	91
18) Methyl Acetate	4.857	43	9199	0.295	ug/l	# 61
19) Methyl tert-butyl Ether	5.616	73	18460	0.449	ug/l	93
20) Methylene Chloride	5.055	84	3543	0.258	ug/l	# 74
25) 2-Butanone	7.354	43	5605	0.400	ug/l	99
31) Cyclohexane	8.075	56	28551	1.196	ug/l	# 28
36) 1,1-Dichloropropene	8.078	75	95494	4.678	ug/l	# 43
38) Carbon Tetrachloride	8.078	117	113356	5.663	ug/l	# 16
49) 1,4-Dioxane	9.577	88	272	0.722	ug/l	# 1
53) t-1,3-Dichloropropene	10.583	75	2645	2.894	ug/l	# 73
54) cis-1,3-Dichloropropene	10.419	75	121	2.003	ug/l	# 1
56) Ethyl methacrylate	10.754	69	298	2.289	ug/l	# 24
58) 2-Chloroethyl Vinyl ether	10.054	63	24	18.392	ug/l	# 45
60) Dibromochloromethane	10.969	129	52	2.379	ug/l	# 11
71) Bromoform	12.723	173	1765	2.840	ug/l	# 29
76) 1,2,3-Trichloropropane	12.734	75	710858	21.090	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.734	75	710858	67.479	ug/l	# 5
93) 1,2,4-Trichlorobenzene	15.260	180	900	2.922	ug/l	69
95) Naphthalene	15.507	128	28087	4.435	ug/l	98
96) 1,2,3-Trichlorobenzene	15.703	180	1283	2.501	ug/l	71

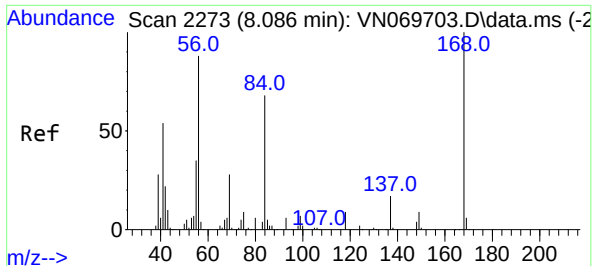
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
Data File : VN070073.D
Acq On : 14 Dec 2021 16:01
Operator : JC/MD
Sample : M4873-10
Misc : 7.75g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

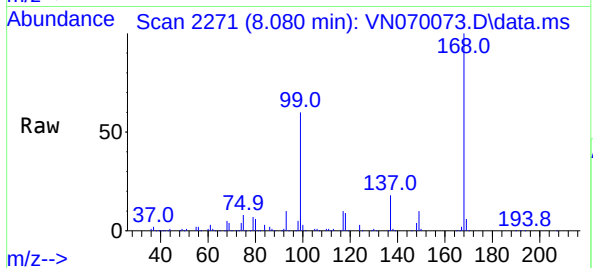
Quant Time: Dec 15 05:18:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration



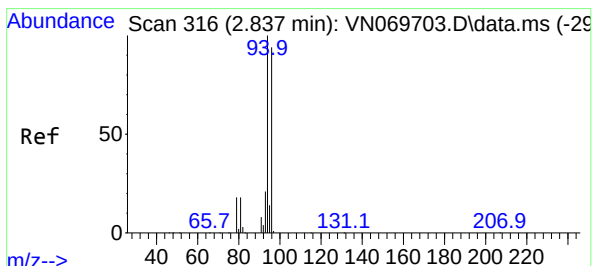
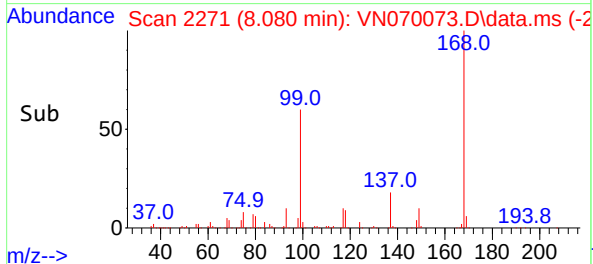
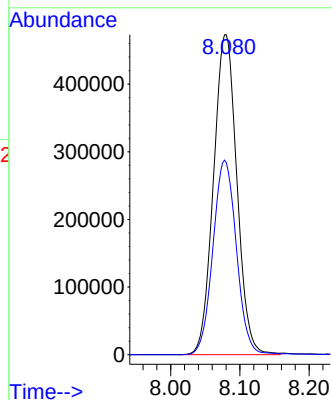


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 211
Delta R.T. -0.006 min
Lab File: VN070073.D
Acq: 14 Dec 2021 16:01

Instrument :
MSVOA_N
ClientSampleId :

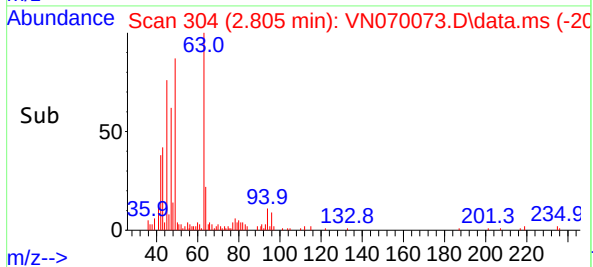
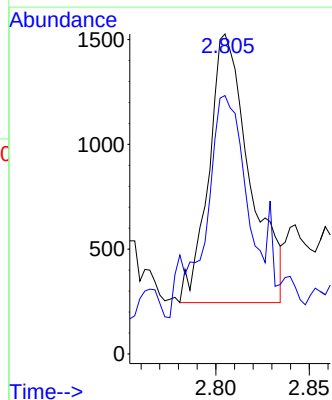
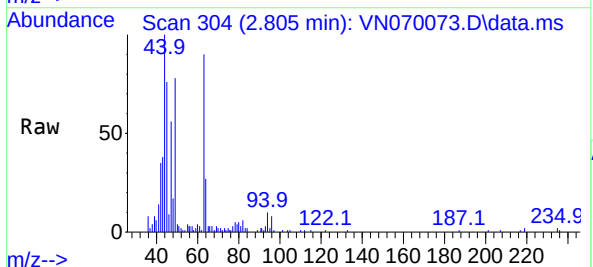


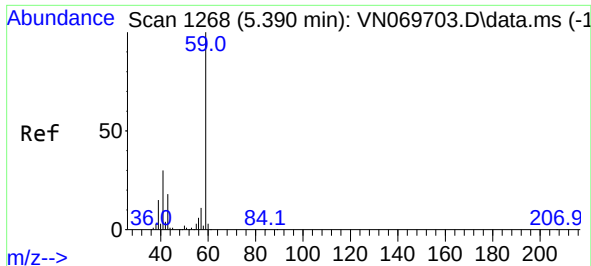
Tgt Ion:168 Resp: 1111246
Ion Ratio Lower Upper
168 100
99 60.0 41.3 61.9



#5
Bromomethane
Concen: 0.241 ug/l
RT: 2.805 min Scan# 304
Delta R.T. -0.032 min
Lab File: VN070073.D
Acq: 14 Dec 2021 16:01

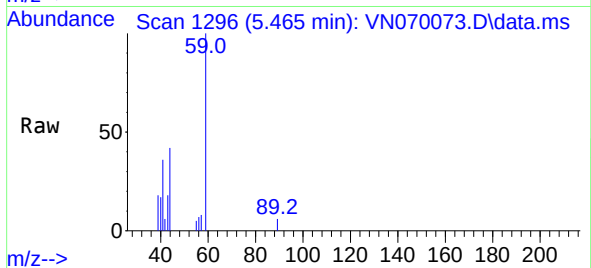
Tgt Ion: 94 Resp: 1951
Ion Ratio Lower Upper
94 100
96 70.4 73.8 110.8#



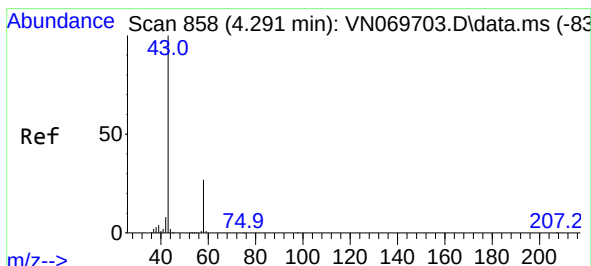
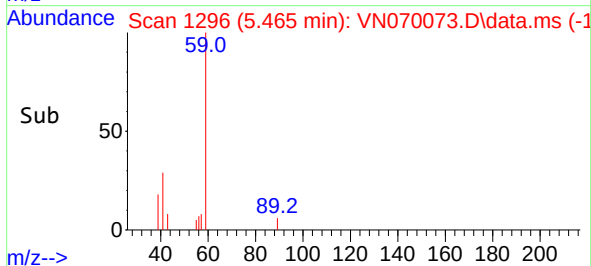
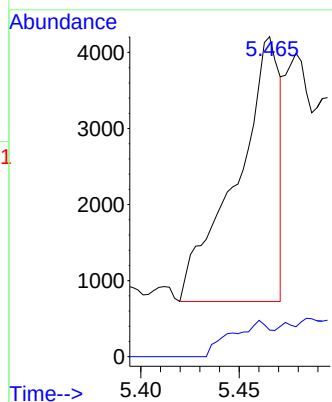


#11
Tert butyl alcohol
Concen: 1.642 ug/l
RT: 5.465 min Scan# 11
Delta R.T. 0.075 min
Lab File: VN070073.D
Acq: 14 Dec 2021 16:01

Instrument :
MSVOA_N
ClientSampleId :

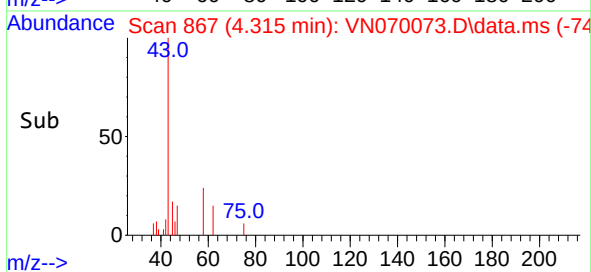
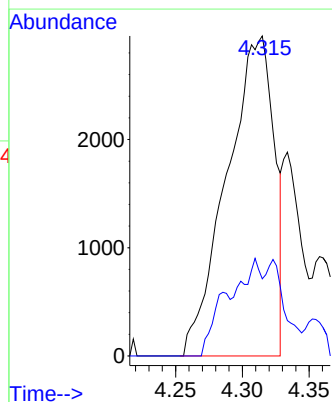
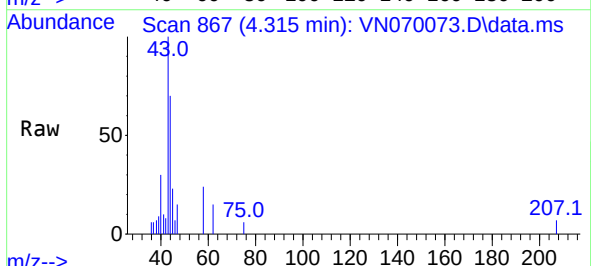


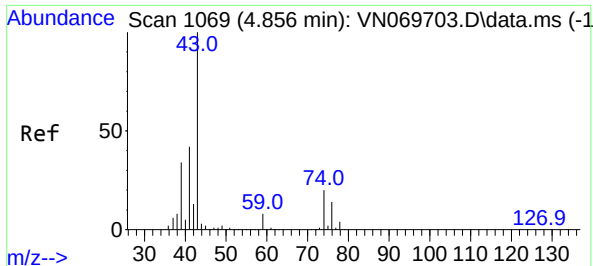
Tgt Ion: 59 Resp: 5325
Ion Ratio Lower Upper
59 100
57 12.6 8.7 13.1



#16
Acetone
Concen: 0.705 ug/l
RT: 4.315 min Scan# 867
Delta R.T. 0.024 min
Lab File: VN070073.D
Acq: 14 Dec 2021 16:01

Tgt Ion: 43 Resp: 7275
Ion Ratio Lower Upper
43 100
58 24.1 23.1 34.7





#18

Methyl Acetate

Concen: 0.295 ug/l

RT: 4.857 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VN070073.D

Acq: 14 Dec 2021 16:01

Instrument :

MSVOA_N

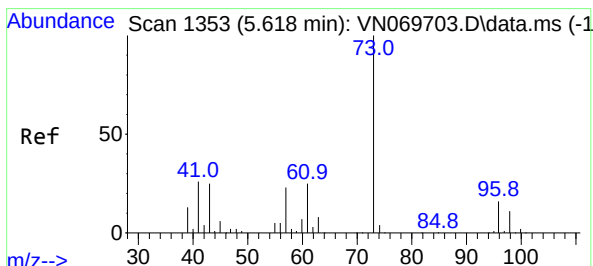
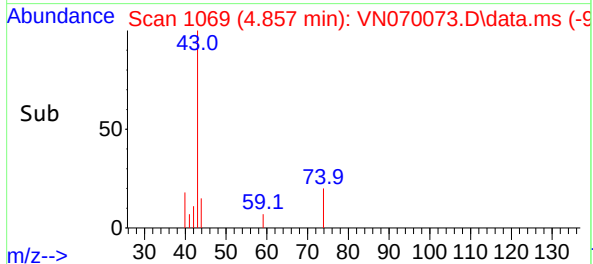
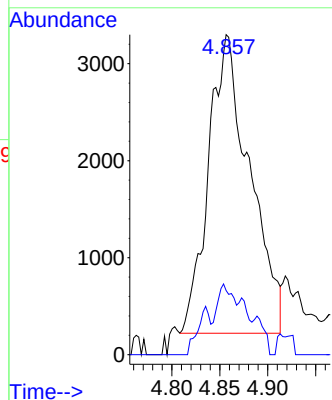
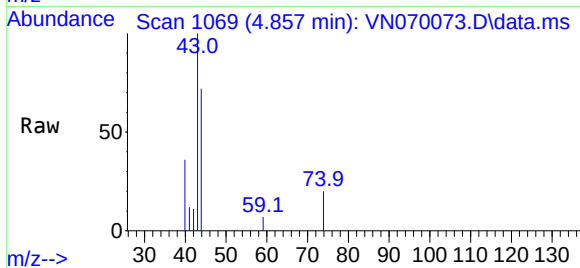
ClientSampleId :

Tgt Ion: 43 Resp: 9199

Ion Ratio Lower Upper

43 100

74 5.1 19.4 29.2#



#19

Methyl tert-butyl Ether

Concen: 0.449 ug/l

RT: 5.616 min Scan# 1352

Delta R.T. -0.002 min

Lab File: VN070073.D

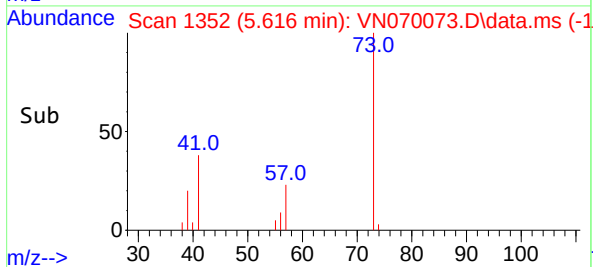
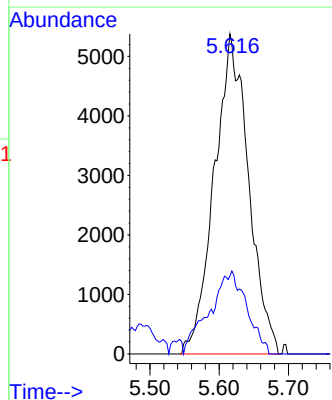
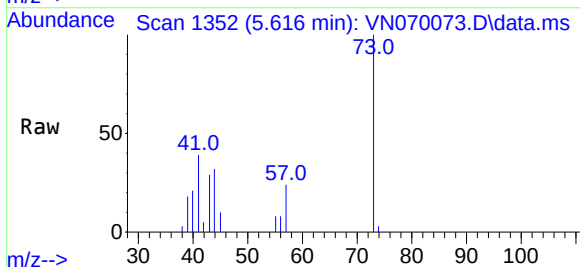
Acq: 14 Dec 2021 16:01

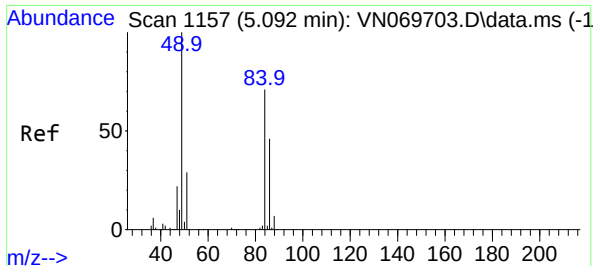
Tgt Ion: 73 Resp: 18460

Ion Ratio Lower Upper

73 100

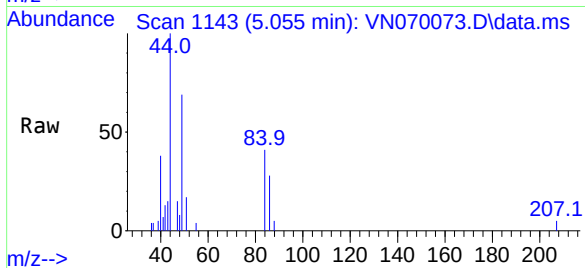
57 24.4 16.8 25.2



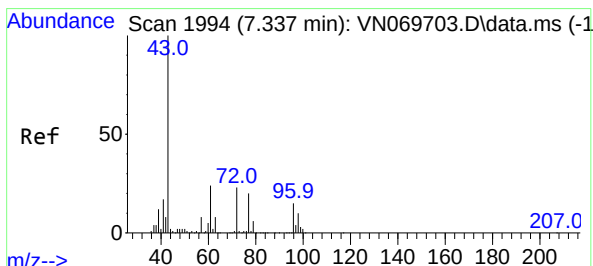
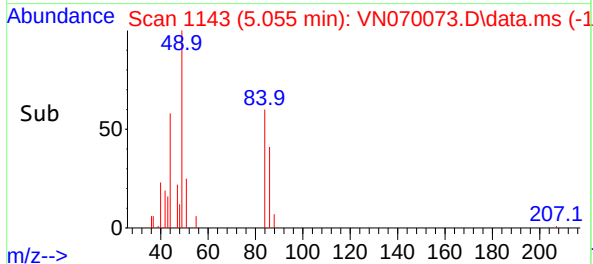
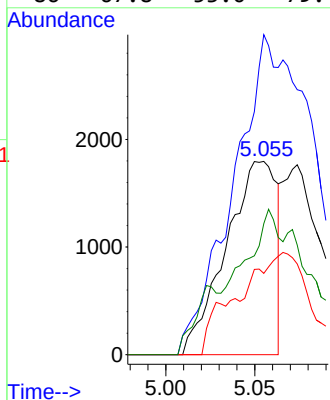


#20
Methylene Chloride
Concen: 0.258 ug/l
RT: 5.055 min Scan# 1157
Delta R.T. -0.037 min
Lab File: VN070073.D
Acq: 14 Dec 2021 16:01

Instrument :
MSVOA_N
ClientSampleId :

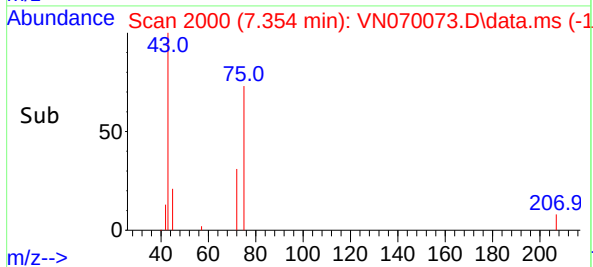
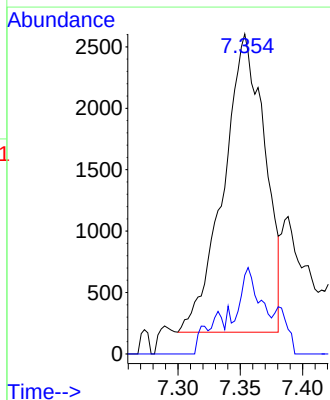
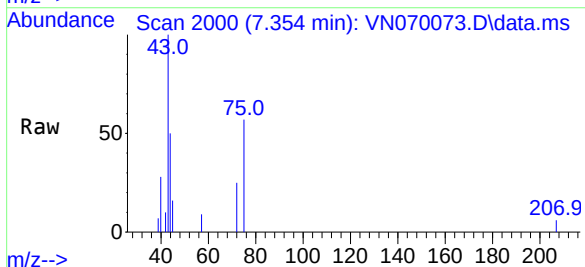


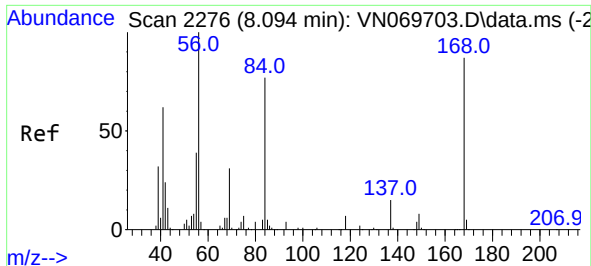
Tgt Ion: 84 Resp: 3543
Ion Ratio Lower Upper
84 100
49 165.5 93.5 140.3#
51 42.0 29.4 44.2
86 67.8 53.0 79.4



#25
2-Butanone
Concen: 0.400 ug/l
RT: 7.354 min Scan# 2000
Delta R.T. 0.016 min
Lab File: VN070073.D
Acq: 14 Dec 2021 16:01

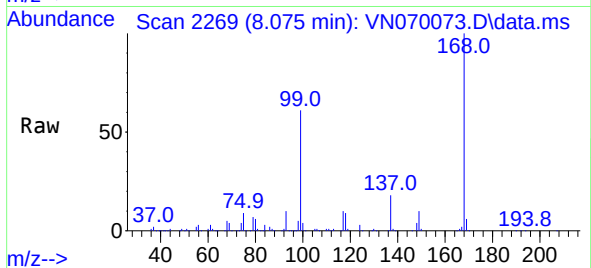
Tgt Ion: 43 Resp: 5605
Ion Ratio Lower Upper
43 100
72 26.4 21.7 32.5



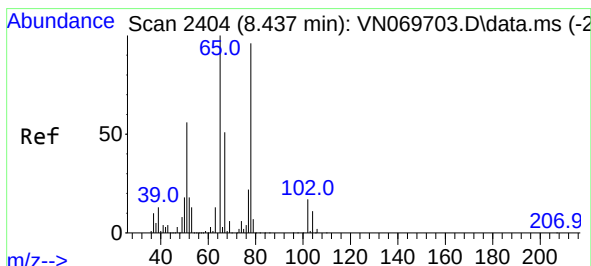
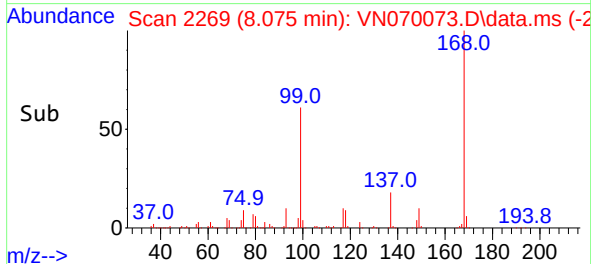
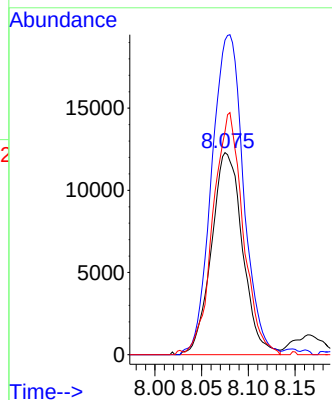


#31
Cyclohexane
Concen: 1.196 ug/l
RT: 8.075 min Scan# 21
Delta R.T. -0.019 min
Lab File: VN070073.D
Acq: 14 Dec 2021 16:01

Instrument :
MSVOA_N
ClientSampleId :

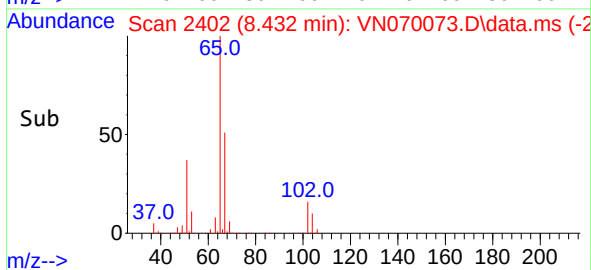
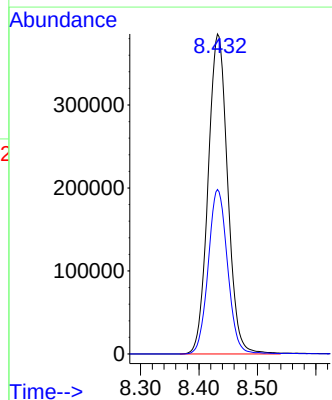
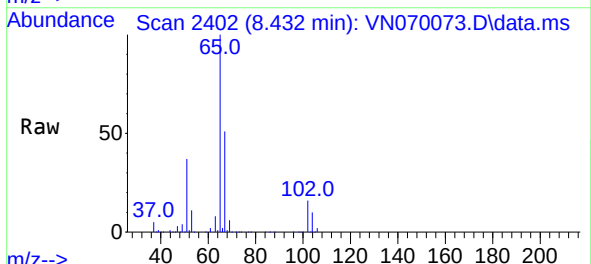


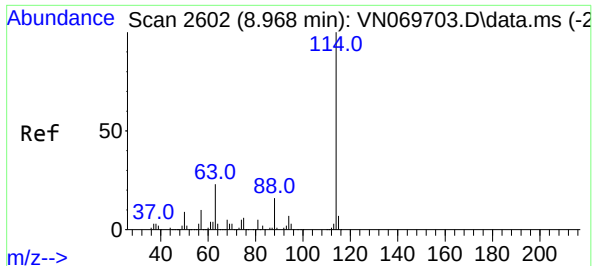
Tgt Ion: 56 Resp: 28551
Ion Ratio Lower Upper
56 100
69 155.7 27.1 40.7#
84 110.4 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 52.193 ug/l
RT: 8.432 min Scan# 2402
Delta R.T. -0.005 min
Lab File: VN070073.D
Acq: 14 Dec 2021 16:01

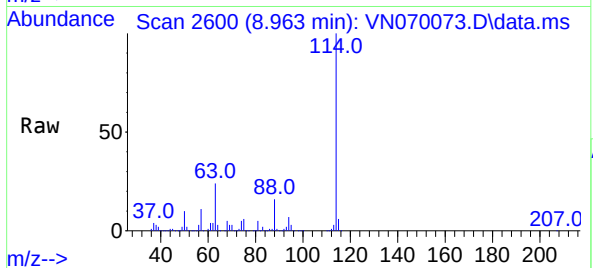
Tgt Ion: 65 Resp: 895511
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.0



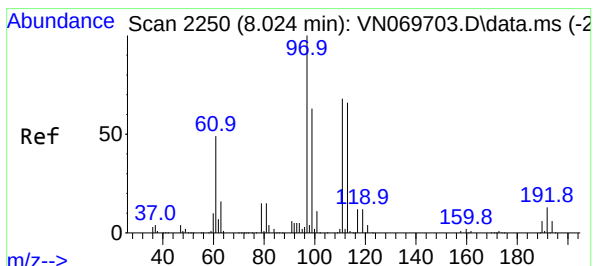
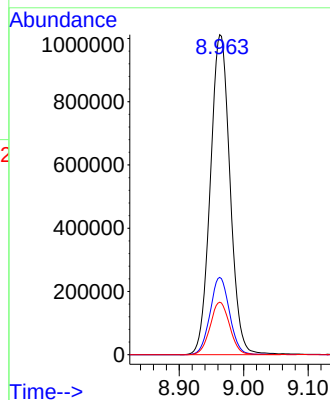
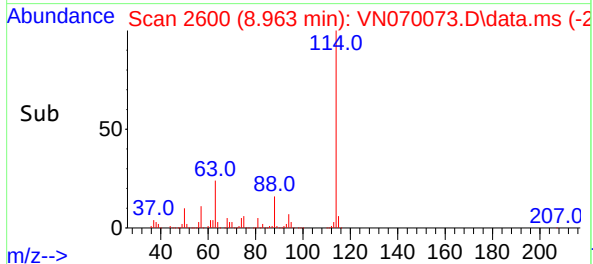


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 2144
Delta R.T. -0.005 min
Lab File: VN070073.D
Acq: 14 Dec 2021 16:01

Instrument :
MSVOA_N
ClientSampleId :

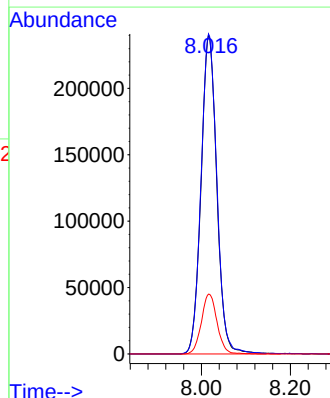
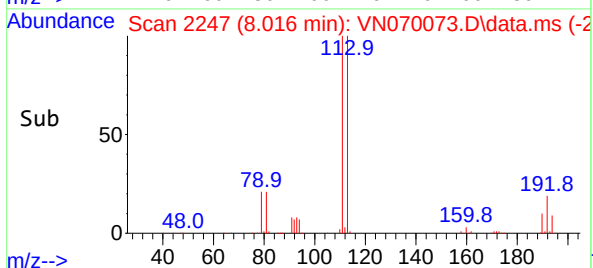
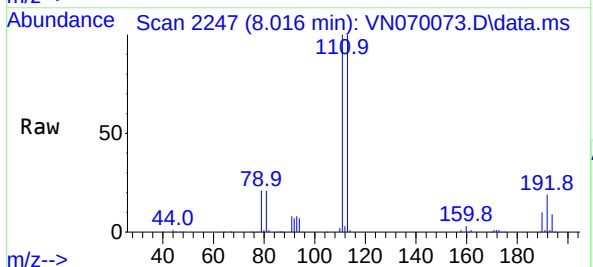


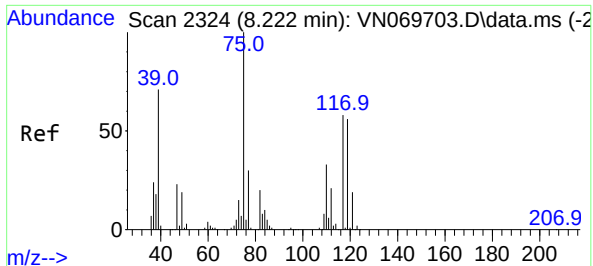
Tgt Ion:114 Resp: 2144386
Ion Ratio Lower Upper
114 100
63 24.2 0.0 37.8
88 16.4 0.0 27.4



#35
Dibromofluoromethane
Concen: 43.825 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.008 min
Lab File: VN070073.D
Acq: 14 Dec 2021 16:01

Tgt Ion:113 Resp: 588656
Ion Ratio Lower Upper
113 100
111 100.8 82.2 123.2
192 18.6 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.678 ug/l

RT: 8.078 min Scan# 21

Delta R.T. -0.145 min

Lab File: VN070073.D

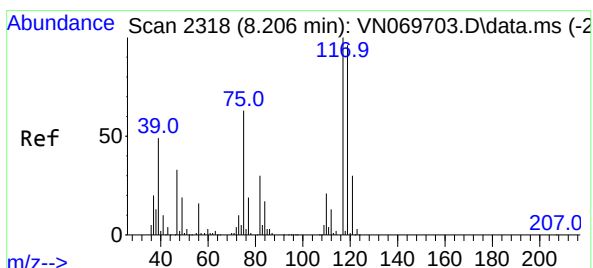
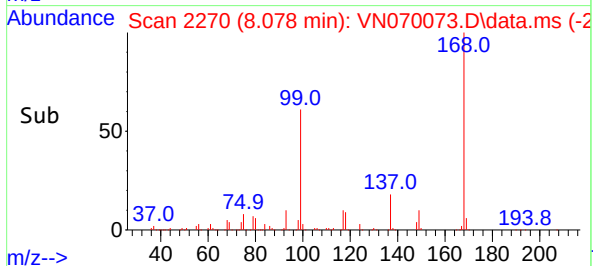
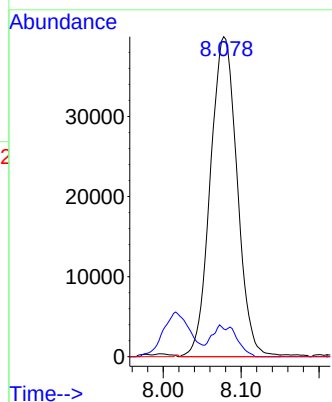
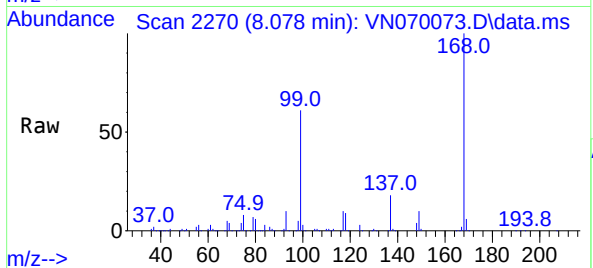
Acq: 14 Dec 2021 16:01

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	95494
Ion	Ratio	Lower	Upper
75	100		
110	2.7	18.4	55.2#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.663 ug/l

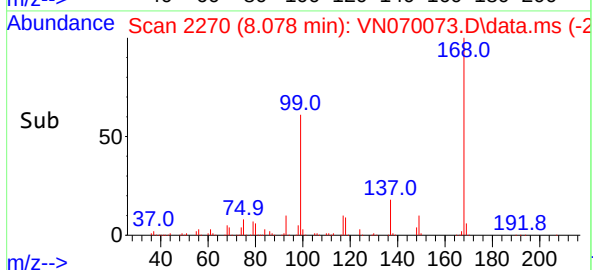
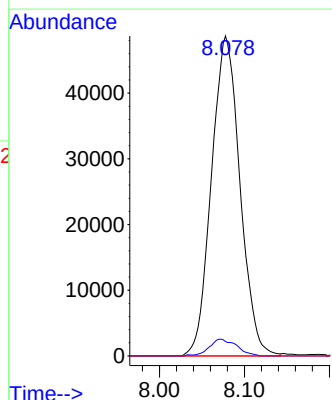
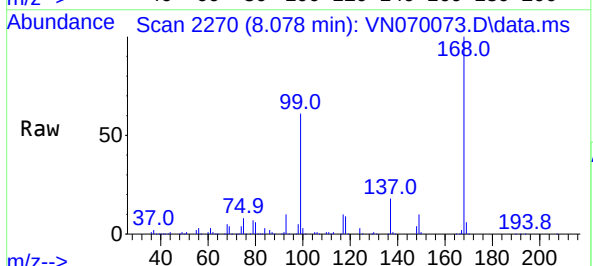
RT: 8.078 min Scan# 2270

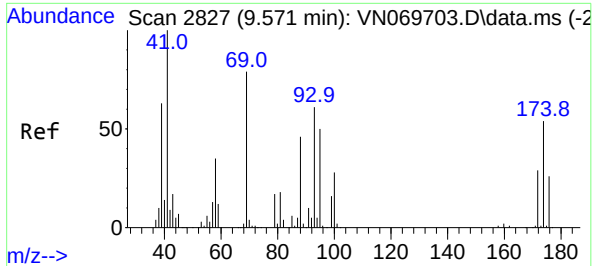
Delta R.T. -0.129 min

Lab File: VN070073.D

Acq: 14 Dec 2021 16:01

Tgt Ion:	117	Resp:	113356
Ion	Ratio	Lower	Upper
117	100		
119	4.5	76.1	114.1#
121	0.0	24.2	36.2#

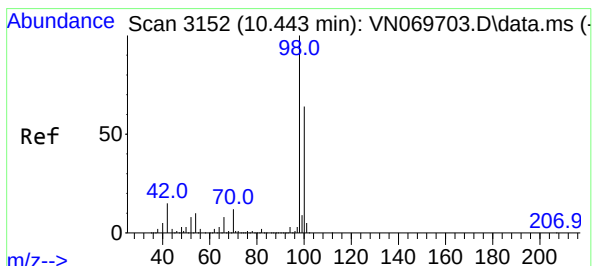
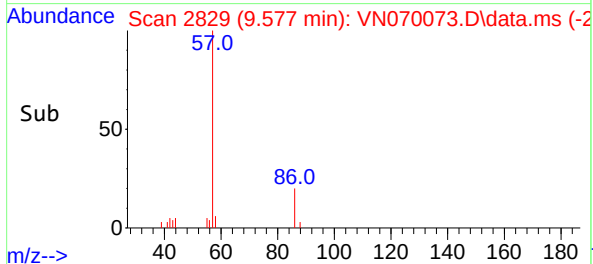
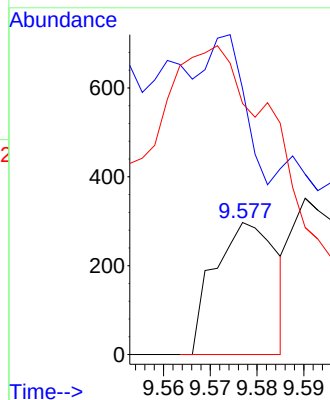
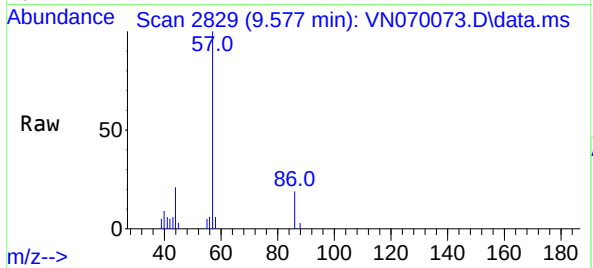




#49
1,4-Dioxane
Concen: 0.722 ug/l
RT: 9.577 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN070073.D
Acq: 14 Dec 2021 16:01

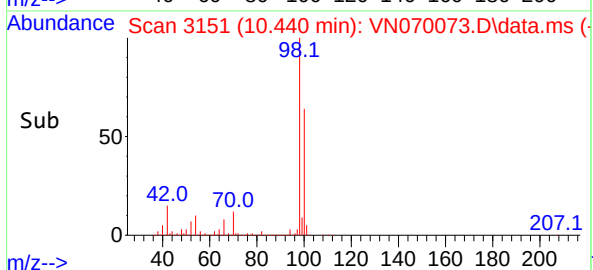
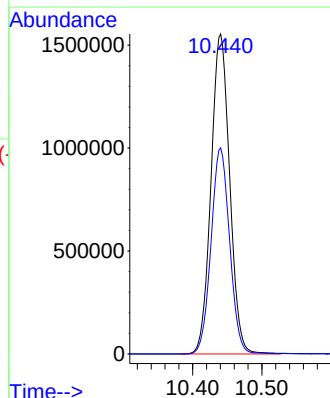
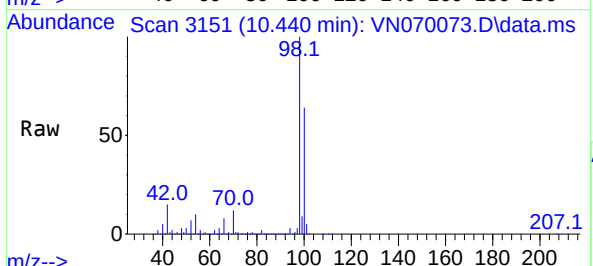
Instrument :
MSVOA_N
ClientSampleId :

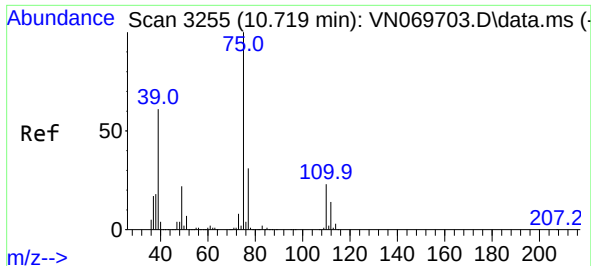
Tgt Ion: 88 Resp: 272
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 631.3 50.6 75.8#



#50
Toluene-d8
Concen: 53.985 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.002 min
Lab File: VN070073.D
Acq: 14 Dec 2021 16:01

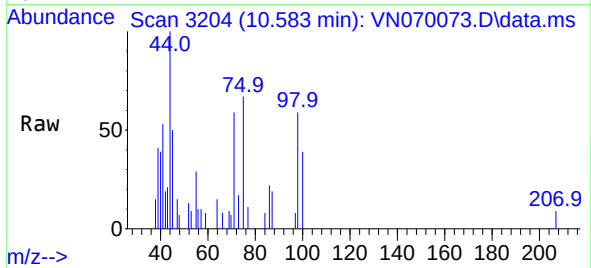
Tgt Ion: 98 Resp: 2911613
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6



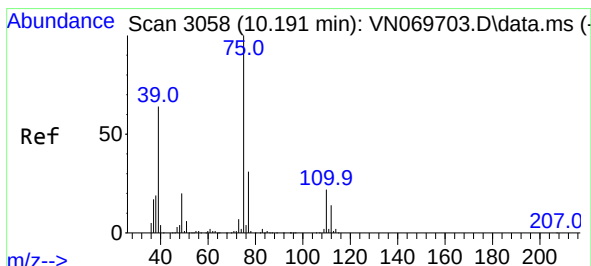
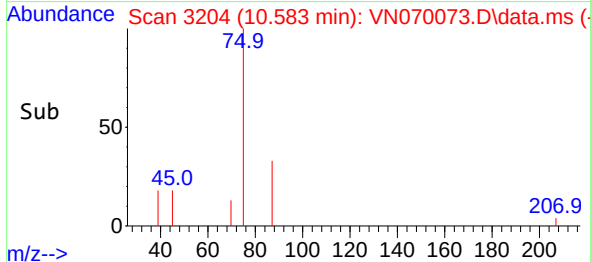
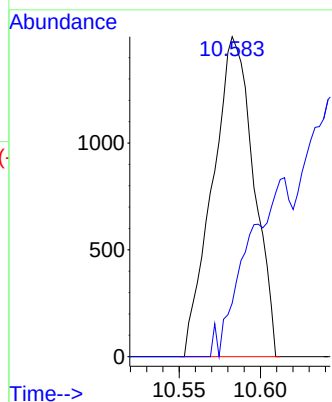


#53
t-1,3-Dichloropropene
Concen: 2.894 ug/l
RT: 10.583 min Scan# 3143
Delta R.T. -0.136 min
Lab File: VN070073.D
Acq: 14 Dec 2021 16:01

Instrument :
MSVOA_N
ClientSampleId :

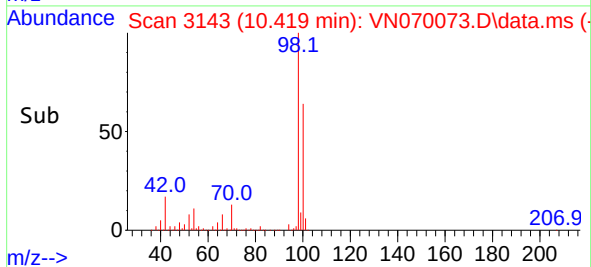
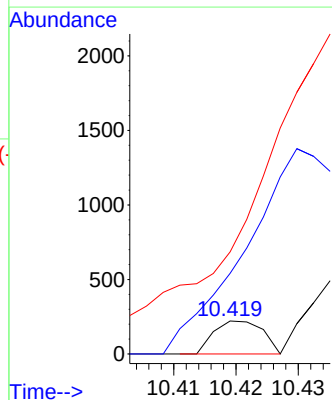
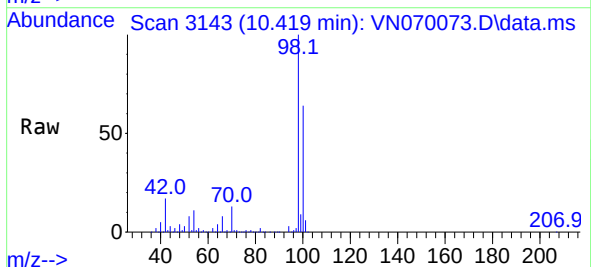


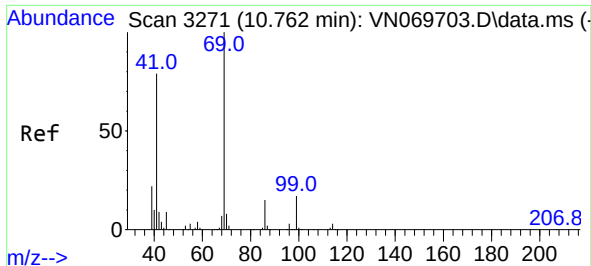
Tgt Ion: 75 Resp: 2645
Ion Ratio Lower Upper
75 100
77 16.8 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 2.003 ug/l
RT: 10.419 min Scan# 3143
Delta R.T. 0.228 min
Lab File: VN070073.D
Acq: 14 Dec 2021 16:01

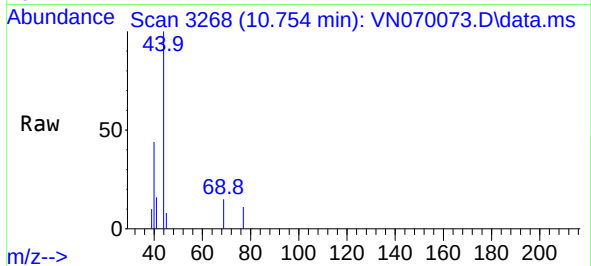
Tgt Ion: 75 Resp: 121
Ion Ratio Lower Upper
75 100
77 167.9 26.4 39.6#
39 100.9 42.5 63.7#



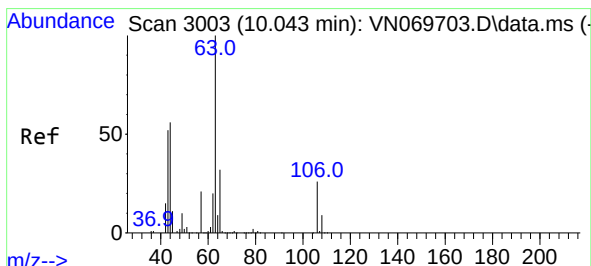
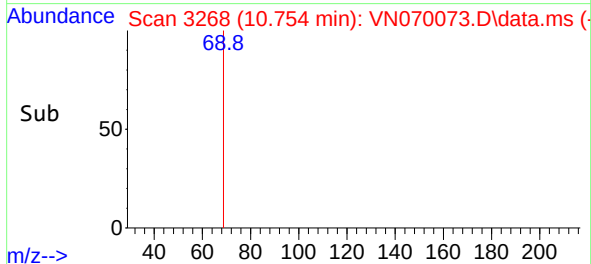
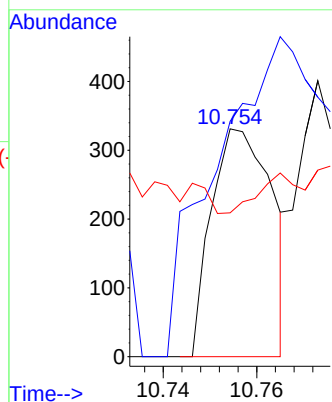


#56
Ethyl methacrylate
Concen: 2.289 ug/l
RT: 10.754 min Scan# 31
Delta R.T. -0.008 min
Lab File: VN070073.D
Acq: 14 Dec 2021 16:01

Instrument :
MSVOA_N
ClientSampleId :

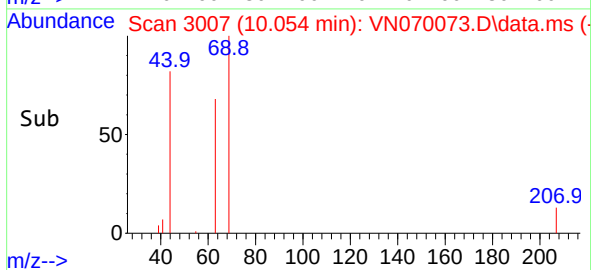
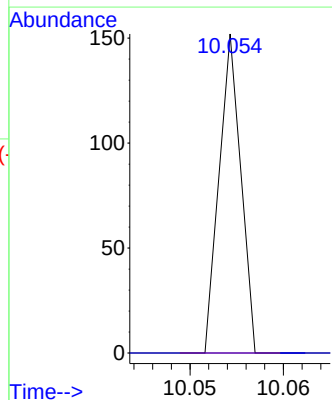
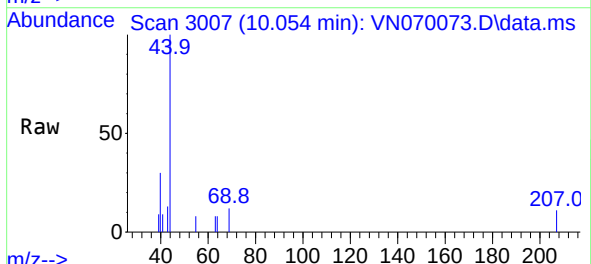


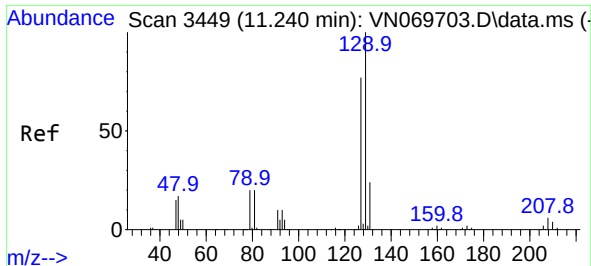
Tgt Ion: 69 Resp: 298
Ion Ratio Lower Upper
69 100
41 0.0 51.4 77.0#
39 0.0 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 18.392 ug/l
RT: 10.054 min Scan# 3007
Delta R.T. 0.011 min
Lab File: VN070073.D
Acq: 14 Dec 2021 16:01

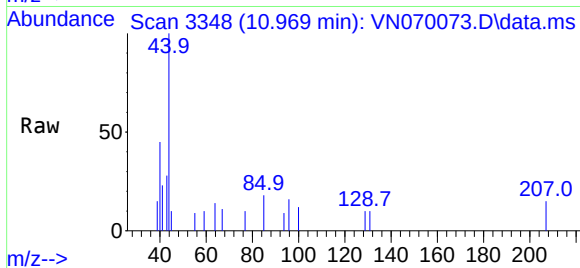
Tgt Ion: 63 Resp: 24
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



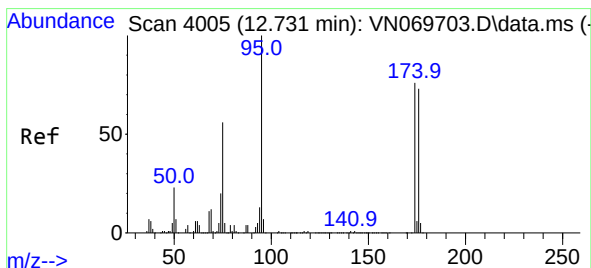
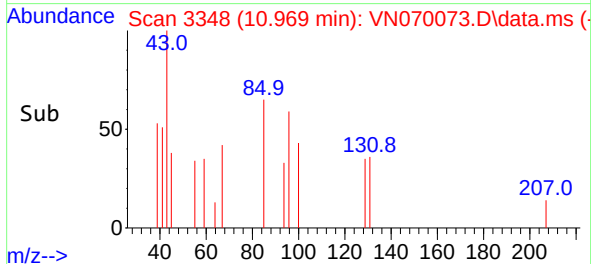
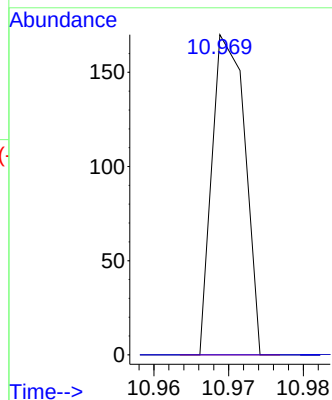


#60
Dibromochloromethane
Concen: 2.379 ug/l
RT: 10.969 min Scan# 31
Delta R.T. -0.271 min
Lab File: VN070073.D
Acq: 14 Dec 2021 16:01

Instrument :
MSVOA_N
ClientSampleId :

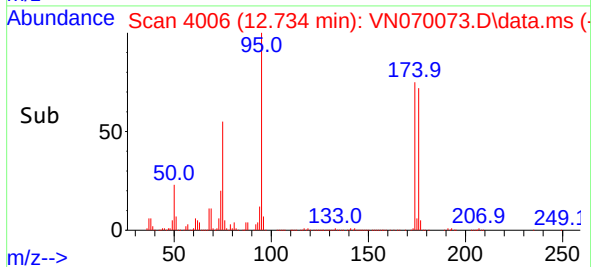
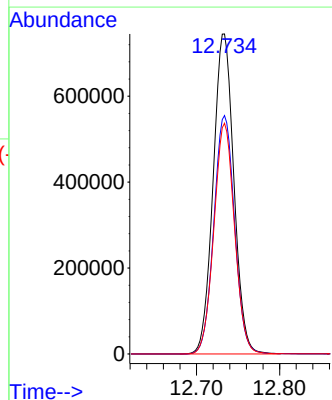
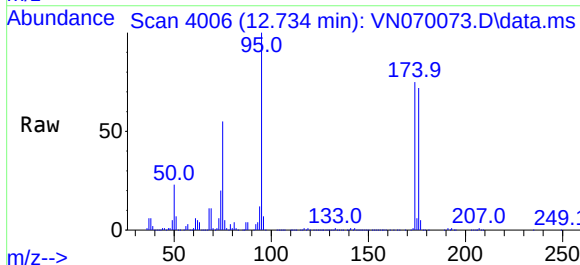


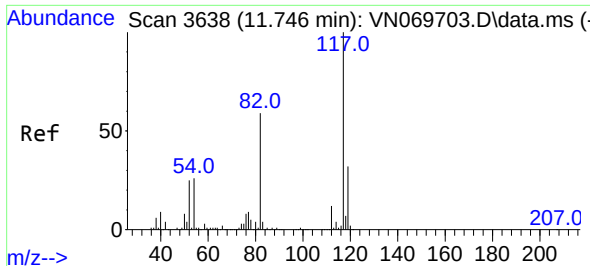
Tgt Ion:129 Resp: 52
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#



#62
4-Bromofluorobenzene
Concen: 65.990 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN070073.D
Acq: 14 Dec 2021 16:01

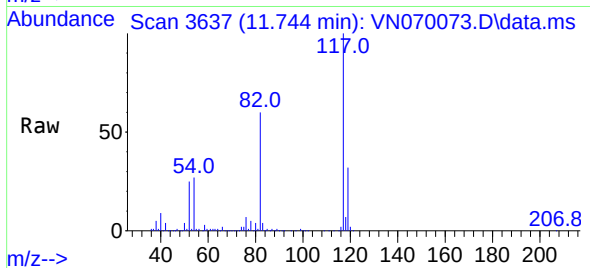
Tgt Ion: 95 Resp: 1289384
Ion Ratio Lower Upper
95 100
174 74.7 0.0 187.2
176 71.9 0.0 181.4





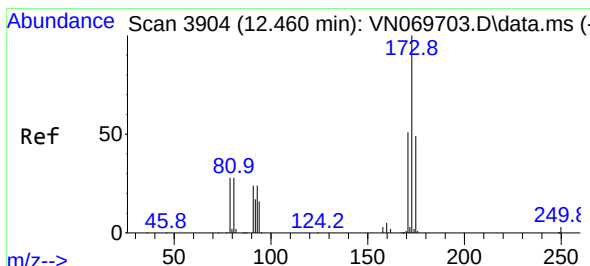
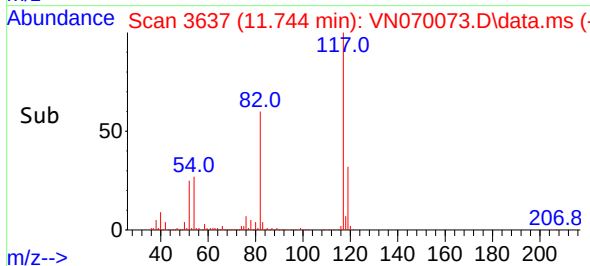
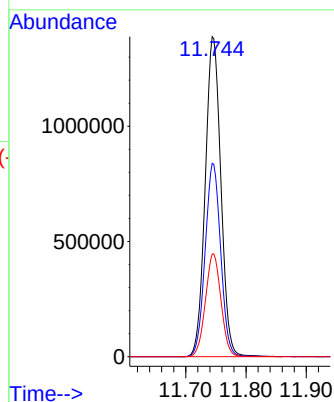
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 301
Delta R.T. -0.002 min
Lab File: VN070073.D
Acq: 14 Dec 2021 16:01

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:117 Resp: 2500686

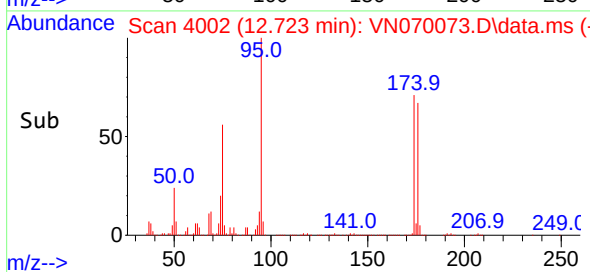
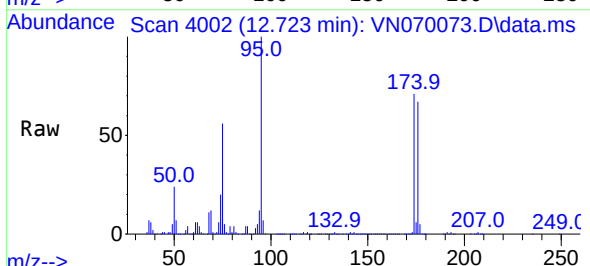
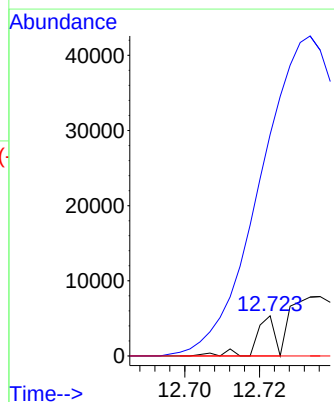
Ion	Ratio	Lower	Upper
117	100		
82	60.5	42.4	63.6
119	32.1	25.4	38.2

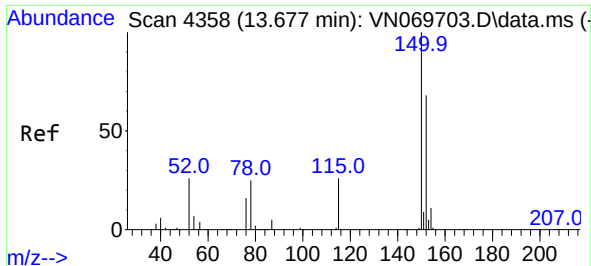


#71
Bromoform
Concen: 2.840 ug/l
RT: 12.723 min Scan# 4002
Delta R.T. 0.263 min
Lab File: VN070073.D
Acq: 14 Dec 2021 16:01

Tgt Ion:173 Resp: 1765

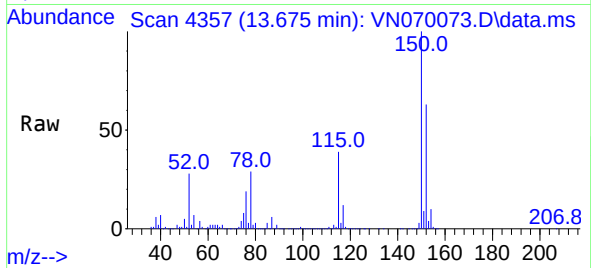
Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.2	72.6#
254	0.0	0.0	0.0



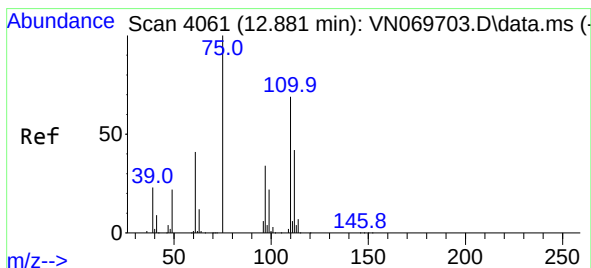
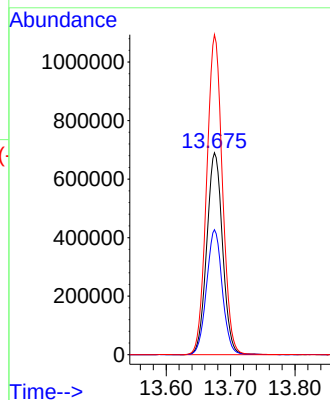
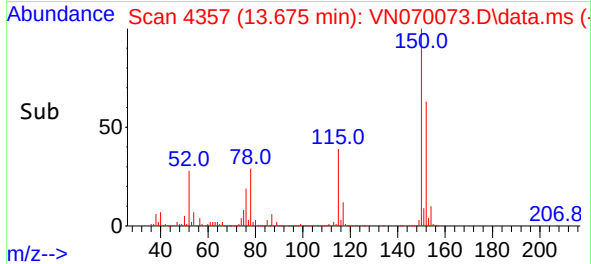


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.002 min
Lab File: VN070073.D
Acq: 14 Dec 2021 16:01

Instrument :
MSVOA_N
ClientSampleId :

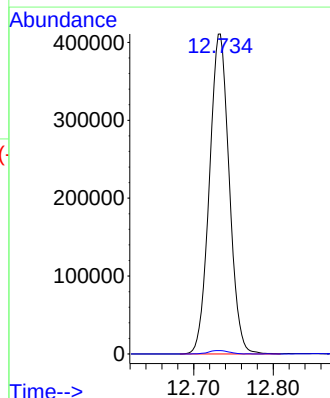
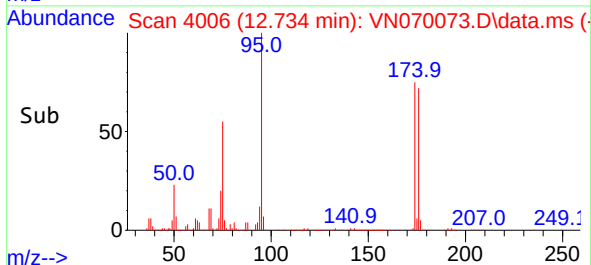
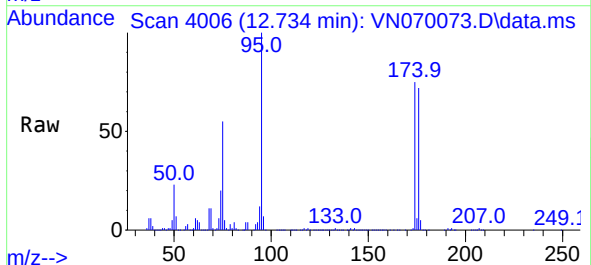


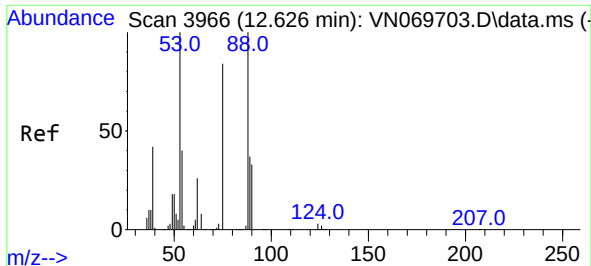
Tgt Ion:152 Resp: 1175356
Ion Ratio Lower Upper
152 100
115 62.0 27.5 82.5
150 158.1 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 21.090 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN070073.D
Acq: 14 Dec 2021 16:01

Tgt Ion: 75 Resp: 710858
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#

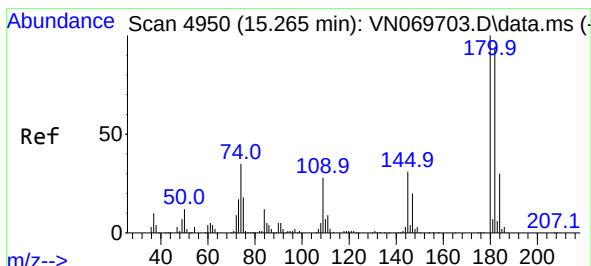
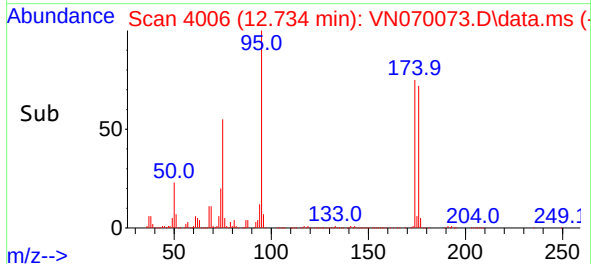
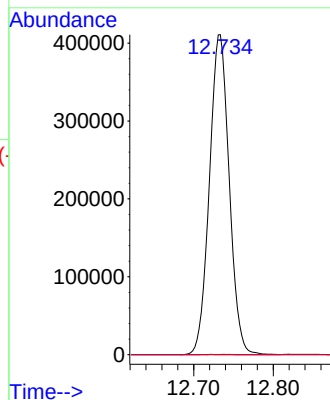
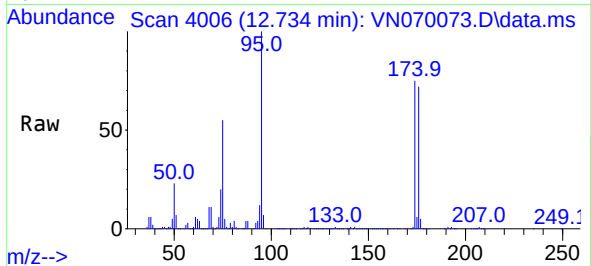




#81
trans-1,4-Dichloro-2-butene
Concen: 67.479 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.108 min
Lab File: VN070073.D
Acq: 14 Dec 2021 16:01

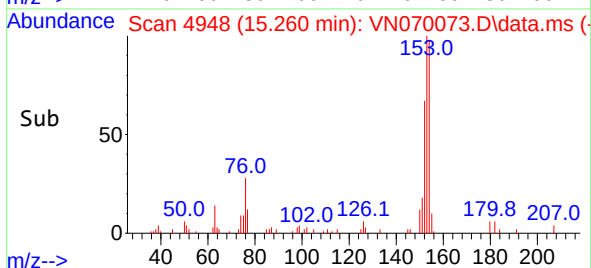
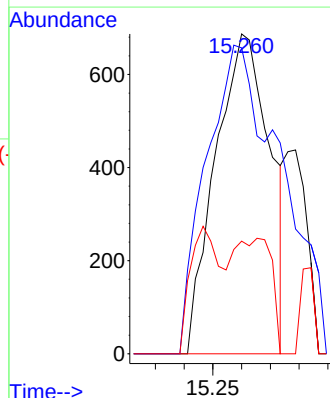
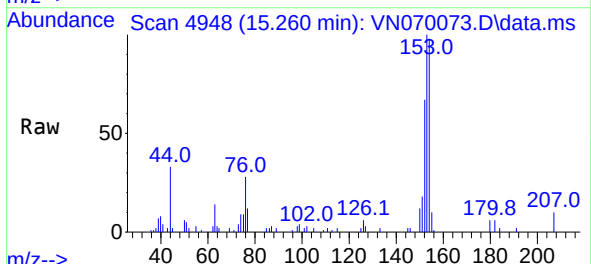
Instrument :
MSVOA_N
ClientSampleId :

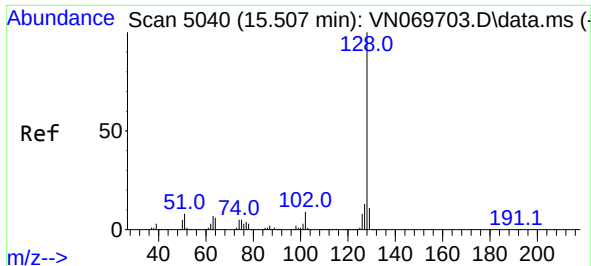
Tgt Ion: 75 Resp: 710858
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 2.922 ug/l
RT: 15.260 min Scan# 4948
Delta R.T. -0.005 min
Lab File: VN070073.D
Acq: 14 Dec 2021 16:01

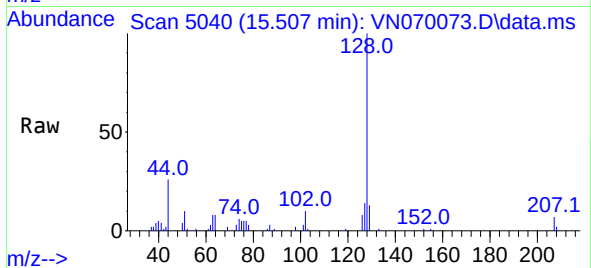
Tgt Ion:180 Resp: 900
Ion Ratio Lower Upper
180 100
182 133.4 48.3 144.9
145 24.9 14.5 43.5



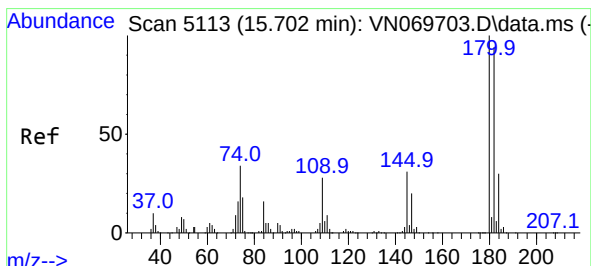
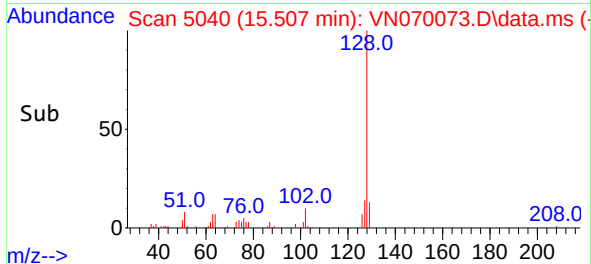
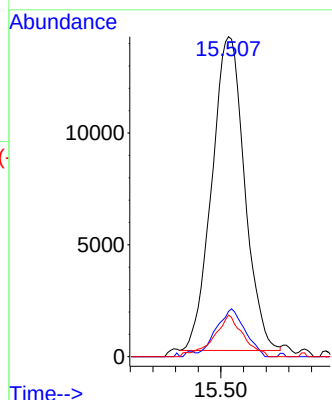


#95
Naphthalene
Concen: 4.435 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070073.D
Acq: 14 Dec 2021 16:01

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 28087
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 11.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.501 ug/l
RT: 15.703 min Scan# 5113
Delta R.T. 0.001 min
Lab File: VN070073.D
Acq: 14 Dec 2021 16:01

Tgt Ion:180 Resp: 1283
Ion Ratio Lower Upper
180 100
182 61.6 47.4 142.2
145 37.2 15.0 45.1

