

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
 Data File : VN070082.D
 Acq On : 14 Dec 2021 20:06
 Operator : JC/MD
 Sample : M5017-49ME
 Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 15 05:22:20 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)

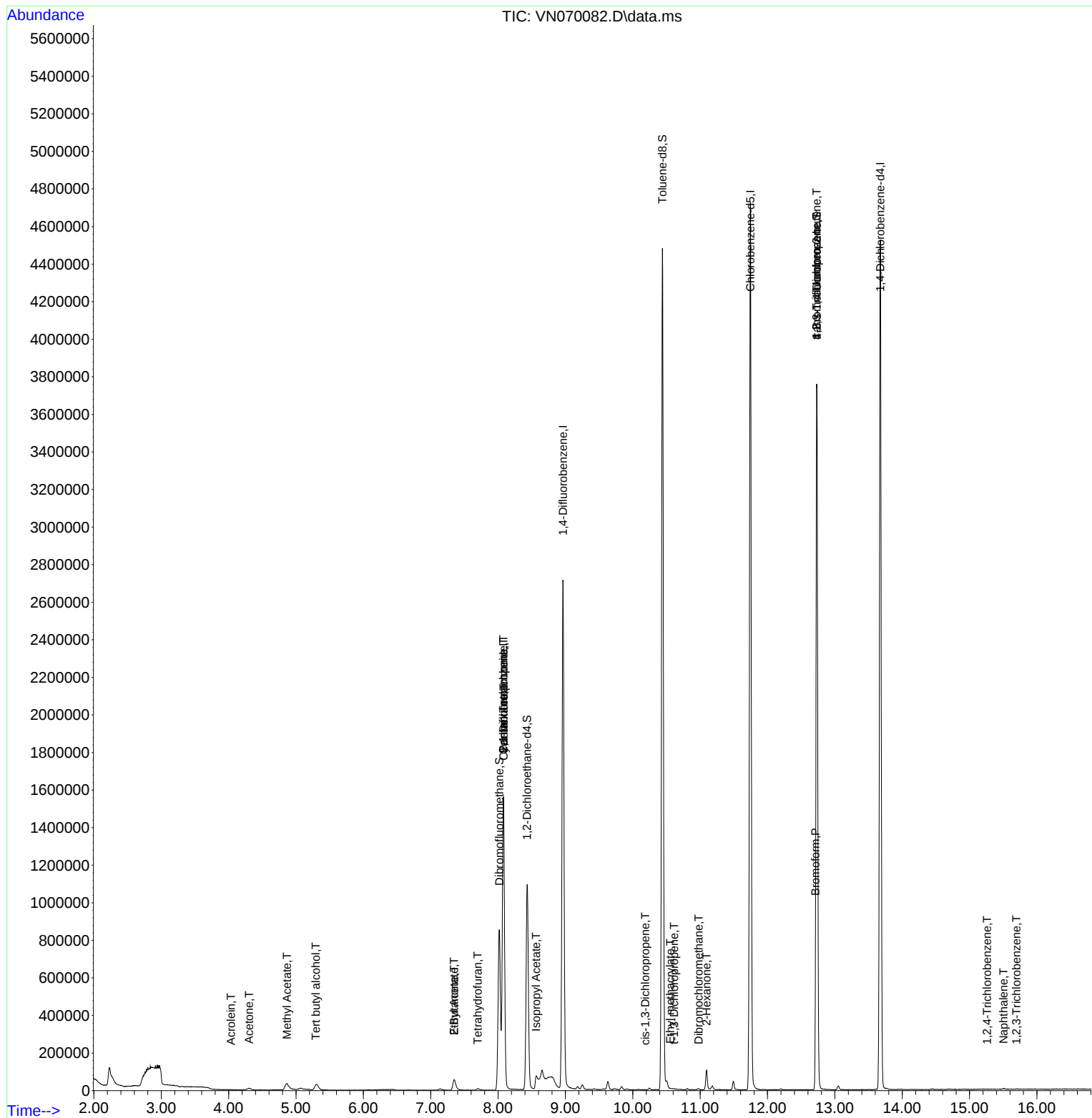
Internal Standards						
1) Pentafluorobenzene	8.080	168	1164385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	2251890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2589890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1191929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	951268	52.913	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.820%	
35) Dibromofluoromethane	8.019	113	627518	44.488	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 88.980%	
50) Toluene-d8	10.440	98	3025738	53.423	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 106.840%	
62) 4-Bromofluorobenzene	12.731	95	1294666	63.097	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 126.200%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.294	59	34032	10.014	ug/l #	74
13) Acrolein	4.036	56	737	0.255	ug/l #	14
16) Acetone	4.304	43	14415	1.333	ug/l	92
18) Methyl Acetate	4.867	43	100373	3.075	ug/l #	81
25) 2-Butanone	7.345	43	110453	7.517	ug/l	92
29) Tetrahydrofuran	7.697	42	8284	0.928	ug/l #	52
31) Cyclohexane	8.083	56	28034	1.120	ug/l #	23
36) 1,1-Dichloropropene	8.080	75	99578	4.645	ug/l #	49
37) Ethyl Acetate	7.345	43	110453	3.462	ug/l #	68
38) Carbon Tetrachloride	8.078	117	119236	5.672	ug/l #	17
43) Isopropyl Acetate	8.566	43	57426	1.216	ug/l #	55
53) t-1,3-Dichloropropene	10.615	75	119	2.798	ug/l #	1
54) cis-1,3-Dichloropropene	10.186	75	56	2.001	ug/l #	42
56) Ethyl methacrylate	10.558	69	187	2.285	ug/l #	3
59) 2-Hexanone	11.095	43	20247	0.874	ug/l #	50
60) Dibromochloromethane	10.980	129	94	2.381	ug/l #	11
71) Bromoform	12.712	173	567	2.765	ug/l #	29
76) 1,2,3-Trichloropropane	12.731	75	716056	20.948	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	716056	67.054	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.260	180	474	2.901	ug/l #	78
95) Naphthalene	15.504	128	4014	4.049	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.694	180	224	2.447	ug/l #	35

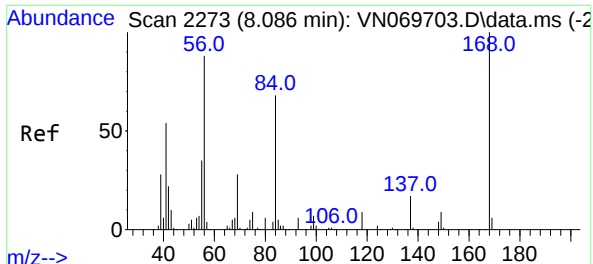
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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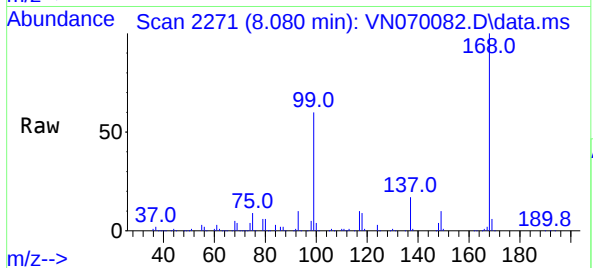
Quant Time: Dec 15 05:22:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
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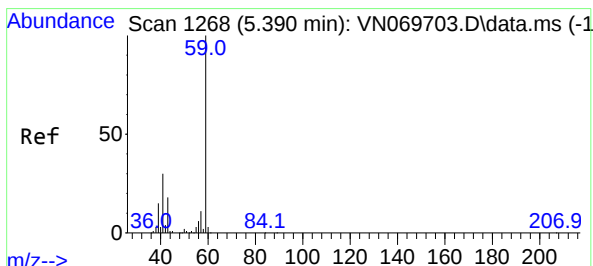
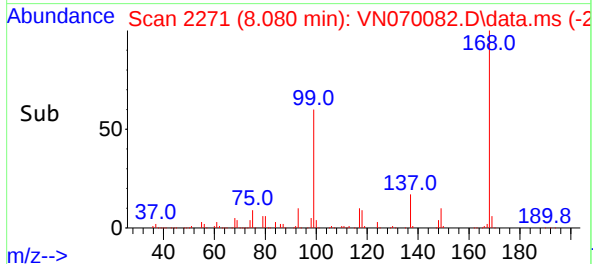
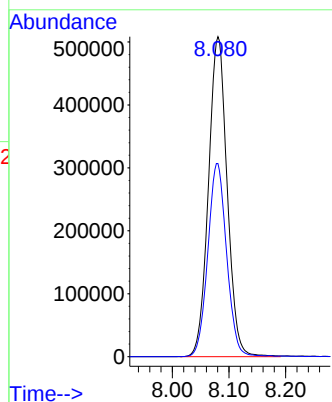


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070082.D
Acq: 14 Dec 2021 20:06

Instrument :
MSVOA_N
ClientSampleId :

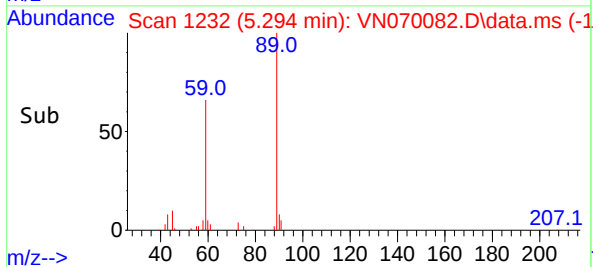
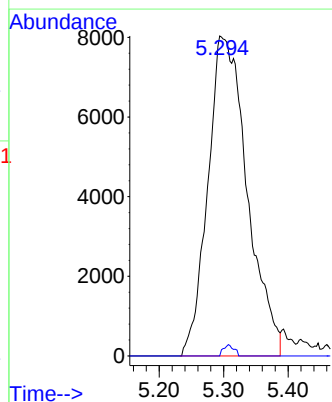
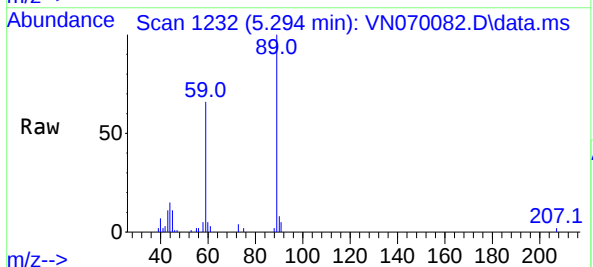


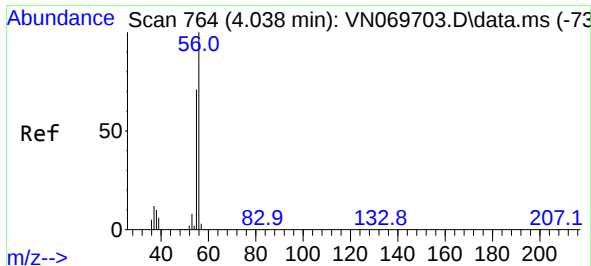
Tgt Ion:168 Resp: 1164385
Ion Ratio Lower Upper
168 100
99 60.3 41.3 61.9



#11
Tert butyl alcohol
Concen: 10.014 ug/l
RT: 5.294 min Scan# 1232
Delta R.T. -0.096 min
Lab File: VN070082.D
Acq: 14 Dec 2021 20:06

Tgt Ion: 59 Resp: 34032
Ion Ratio Lower Upper
59 100
57 0.9 8.7 13.1#

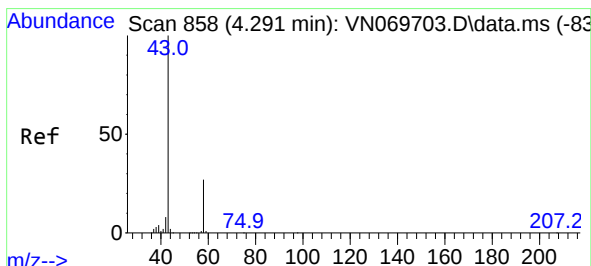
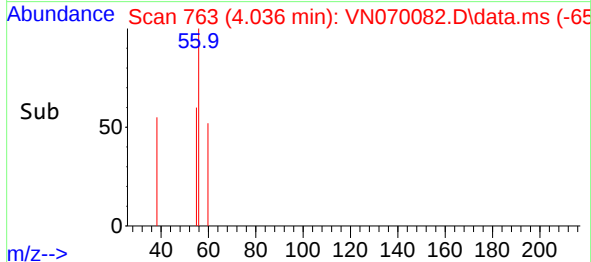
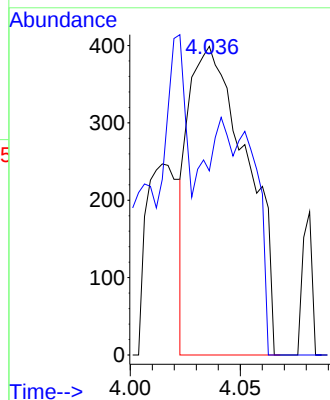
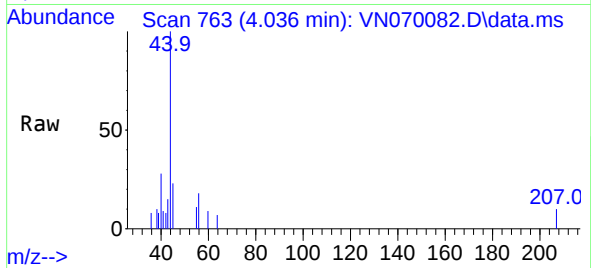




#13
Acrolein
Concen: 0.255 ug/l
RT: 4.036 min Scan# 764
Delta R.T. -0.002 min
Lab File: VN070082.D
Acq: 14 Dec 2021 20:06

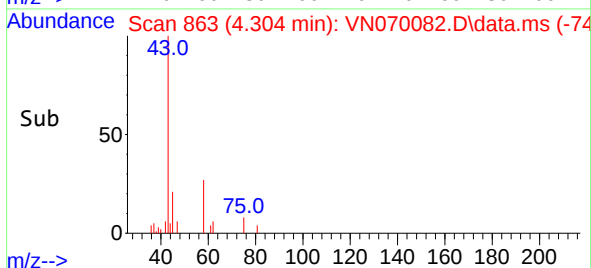
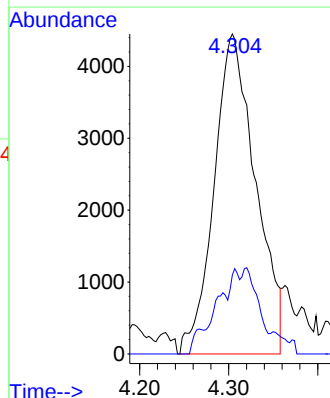
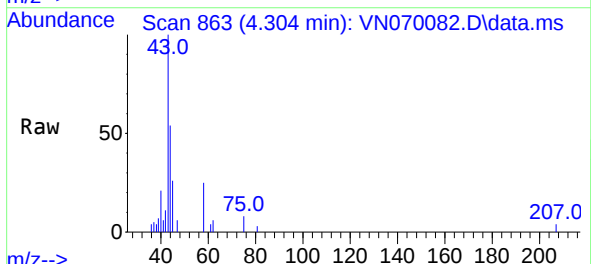
Instrument :
MSVOA_N
ClientSampleId :

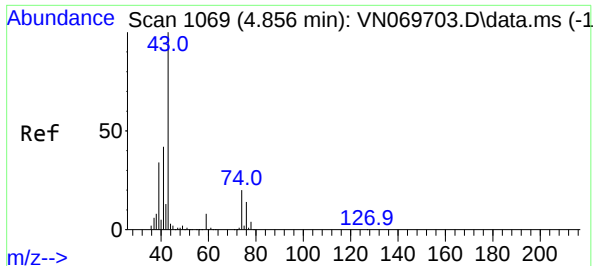
Tgt Ion: 56 Resp: 737
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#



#16
Acetone
Concen: 1.333 ug/l
RT: 4.304 min Scan# 863
Delta R.T. 0.014 min
Lab File: VN070082.D
Acq: 14 Dec 2021 20:06

Tgt Ion: 43 Resp: 14415
Ion Ratio Lower Upper
43 100
58 24.7 23.1 34.7





#18

Methyl Acetate

Concen: 3.075 ug/l

RT: 4.867 min Scan# 1069

Delta R.T. 0.011 min

Lab File: VN070082.D

Acq: 14 Dec 2021 20:06

Instrument :

MSVOA_N

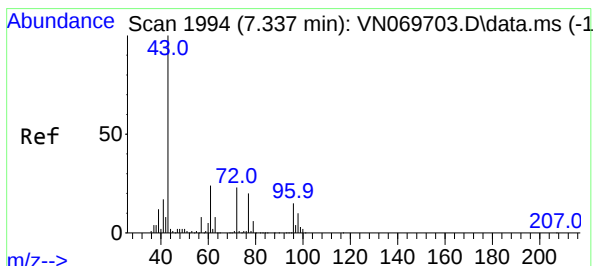
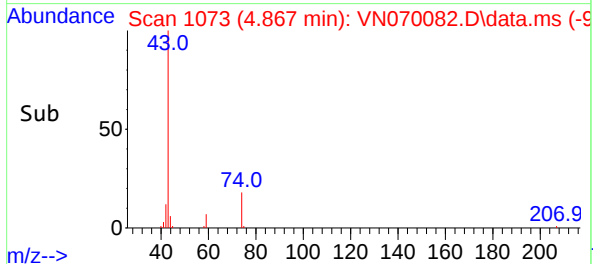
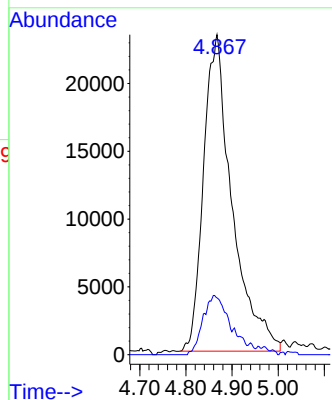
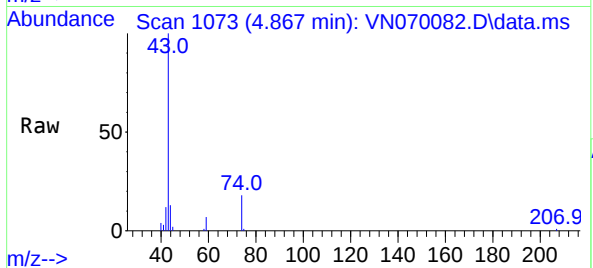
ClientSampleId :

Tgt Ion: 43 Resp: 100373

Ion Ratio Lower Upper

43 100

74 15.1 19.4 29.2#



#25

2-Butanone

Concen: 7.517 ug/l

RT: 7.345 min Scan# 1997

Delta R.T. 0.008 min

Lab File: VN070082.D

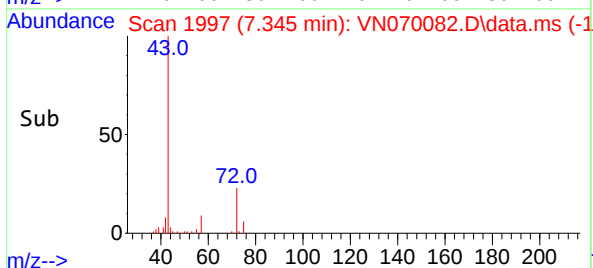
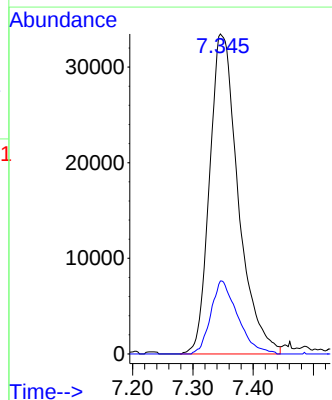
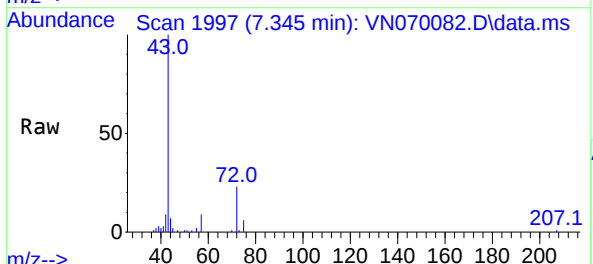
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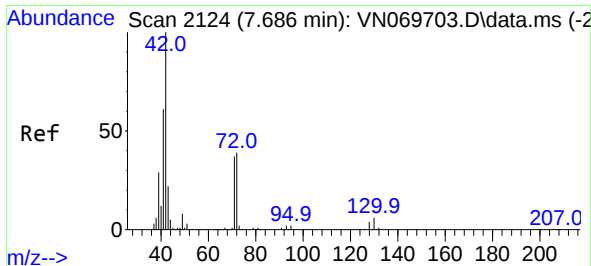
Tgt Ion: 43 Resp: 110453

Ion Ratio Lower Upper

43 100

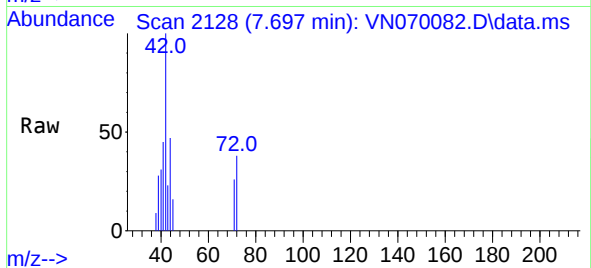
72 22.8 21.7 32.5



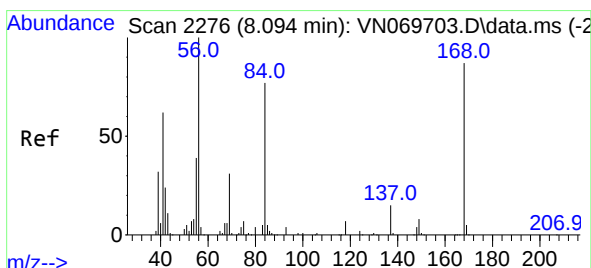
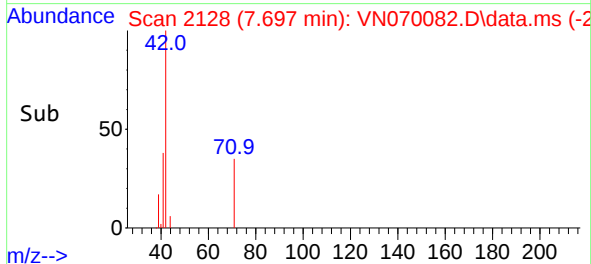
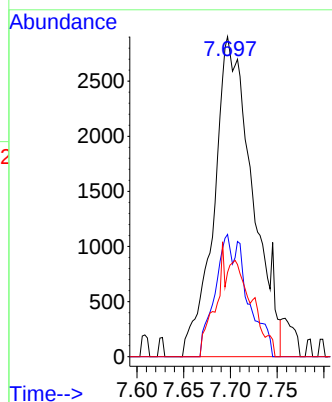


#29
Tetrahydrofuran
Concen: 0.928 ug/l
RT: 7.697 min Scan# 2124
Delta R.T. 0.011 min
Lab File: VN070082.D
Acq: 14 Dec 2021 20:06

Instrument :
MSVOA_N
ClientSampleId :

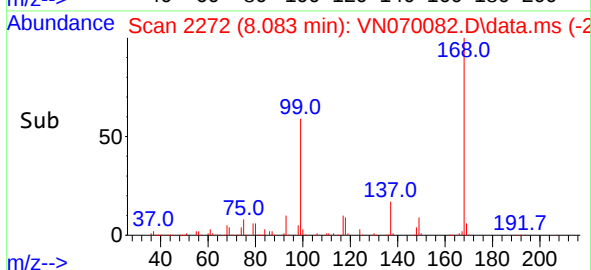
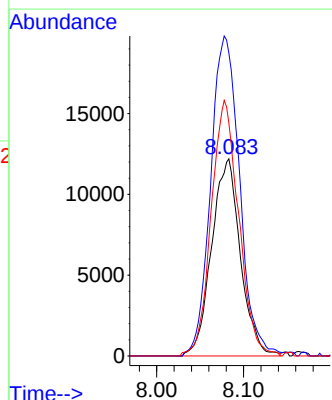
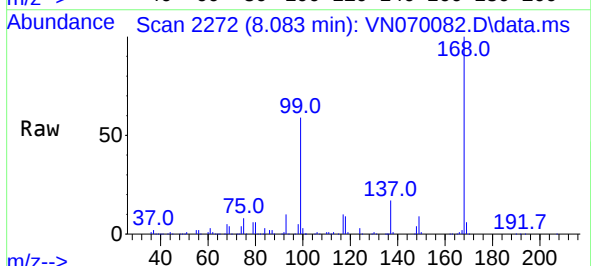


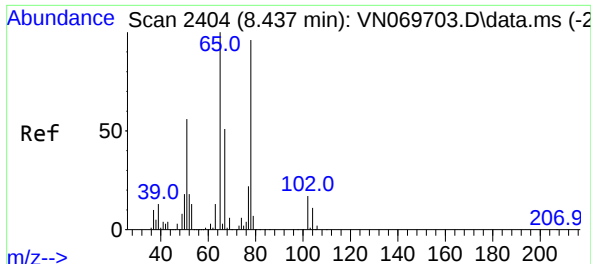
Tgt Ion: 42 Resp: 8284
Ion Ratio Lower Upper
42 100
72 17.2 36.3 54.5#
71 9.1 34.7 52.1#



#31
Cyclohexane
Concen: 1.120 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.011 min
Lab File: VN070082.D
Acq: 14 Dec 2021 20:06

Tgt Ion: 56 Resp: 28034
Ion Ratio Lower Upper
56 100
69 153.7 27.1 40.7#
84 118.3 73.4 110.0#

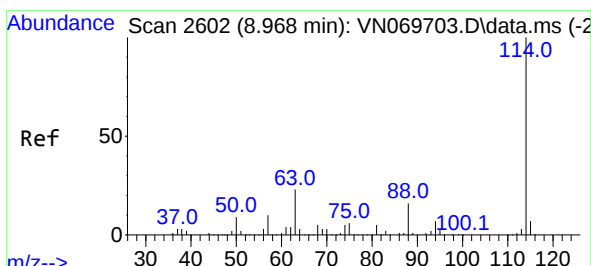
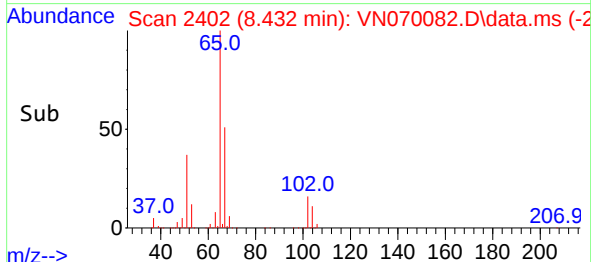
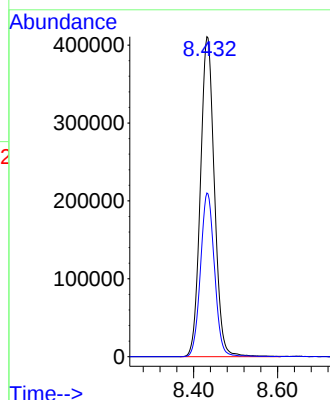
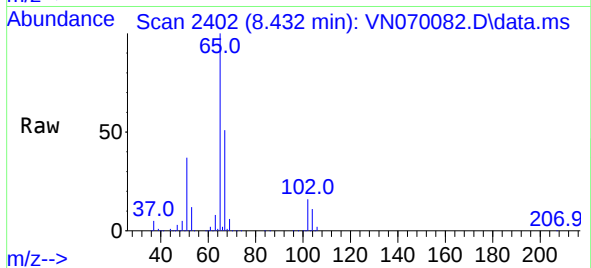




#33
 1,2-Dichloroethane-d4
 Concen: 52.913 ug/l
 RT: 8.432 min Scan# 24
 Delta R.T. -0.005 min
 Lab File: VN070082.D
 Acq: 14 Dec 2021 20:06

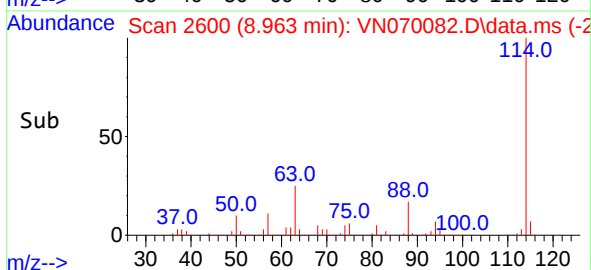
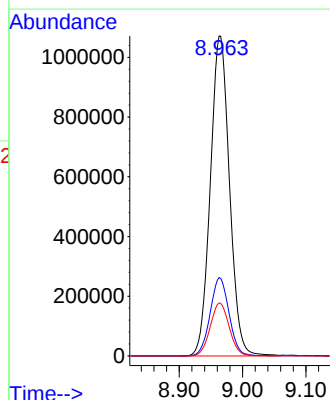
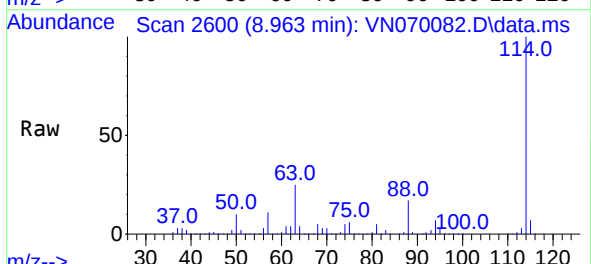
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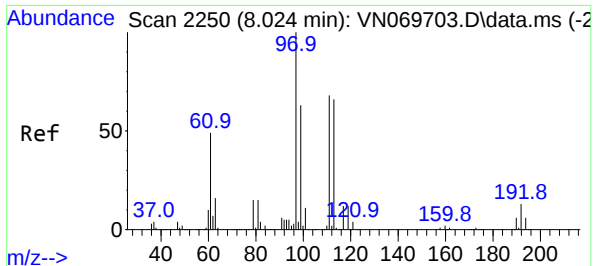
Tgt Ion: 65 Resp: 951268
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.963 min Scan# 2600
 Delta R.T. -0.005 min
 Lab File: VN070082.D
 Acq: 14 Dec 2021 20:06

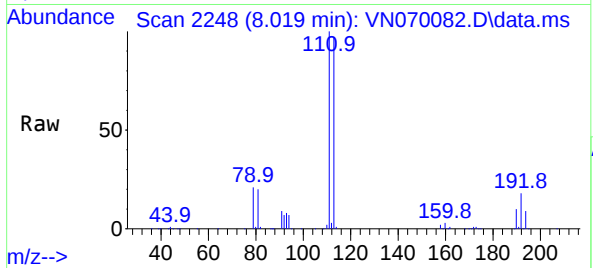
Tgt Ion: 114 Resp: 2251890
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 37.8
 88 16.6 0.0 27.4



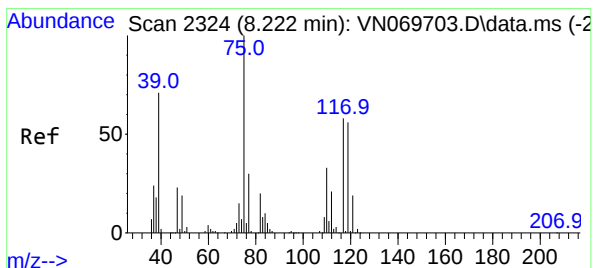
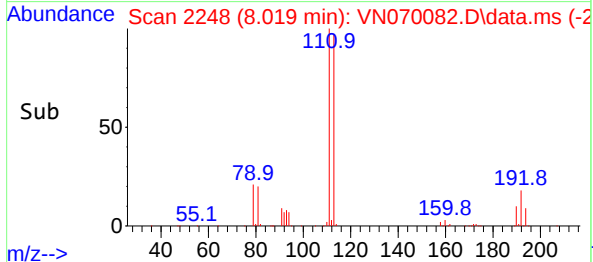
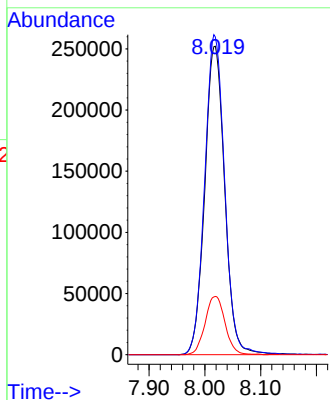


#35
Dibromofluoromethane
Concen: 44.488 ug/l
RT: 8.019 min Scan# 211
Delta R.T. -0.005 min
Lab File: VN070082.D
Acq: 14 Dec 2021 20:06

Instrument :
MSVOA_N
ClientSampleId :

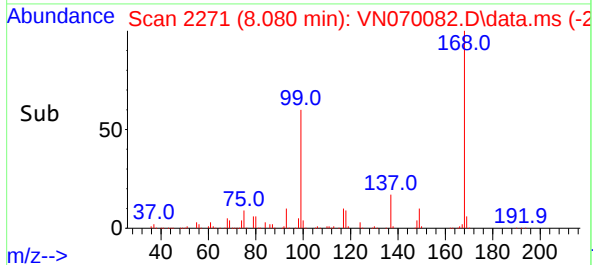
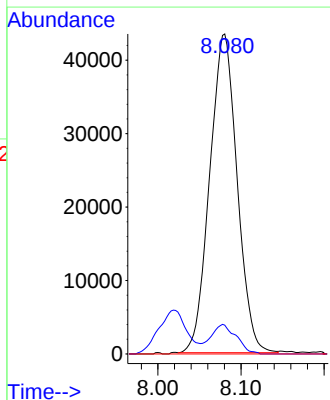
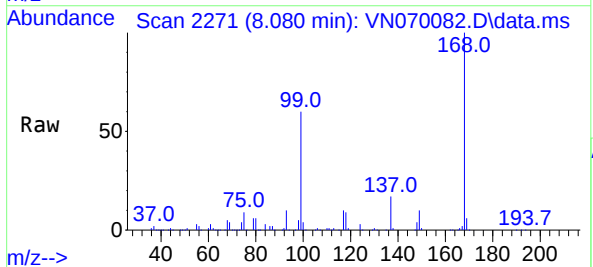


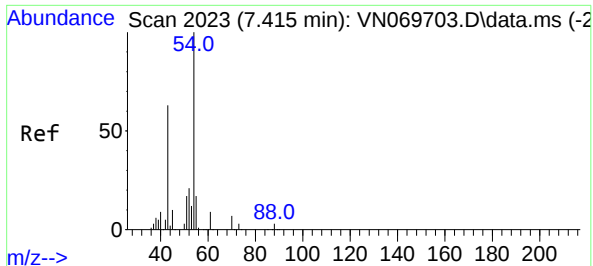
Tgt Ion:113 Resp: 627518
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 18.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.645 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.142 min
Lab File: VN070082.D
Acq: 14 Dec 2021 20:06

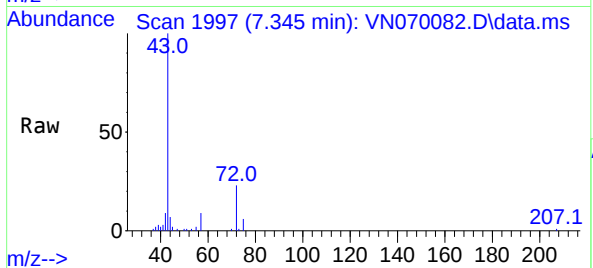
Tgt Ion: 75 Resp: 99578
Ion Ratio Lower Upper
75 100
110 8.5 18.4 55.2#
77 0.0 24.4 36.6#



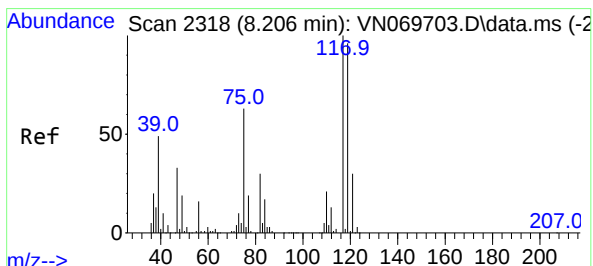
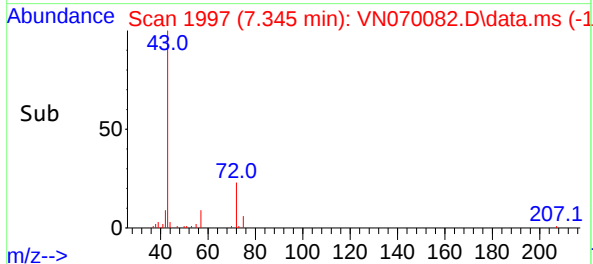
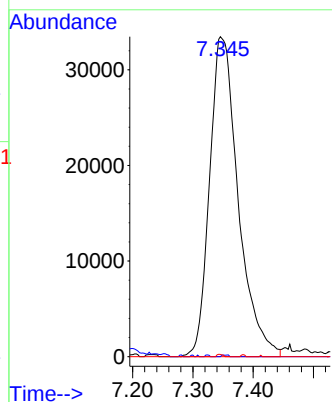


#37
Ethyl Acetate
Concen: 3.462 ug/l
RT: 7.345 min Scan# 19
Delta R.T. -0.070 min
Lab File: VN070082.D
Acq: 14 Dec 2021 20:06

Instrument :
MSVOA_N
ClientSampleId :

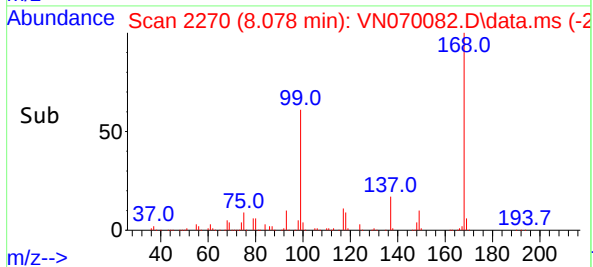
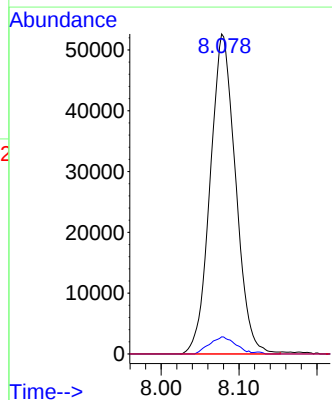
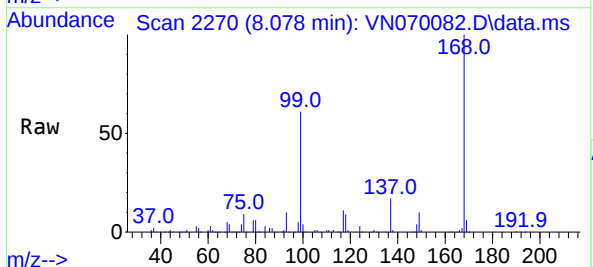


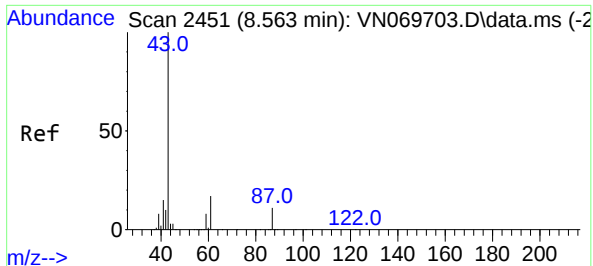
Tgt Ion: 43 Resp: 110453
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.1 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 5.672 ug/l
RT: 8.078 min Scan# 2270
Delta R.T. -0.129 min
Lab File: VN070082.D
Acq: 14 Dec 2021 20:06

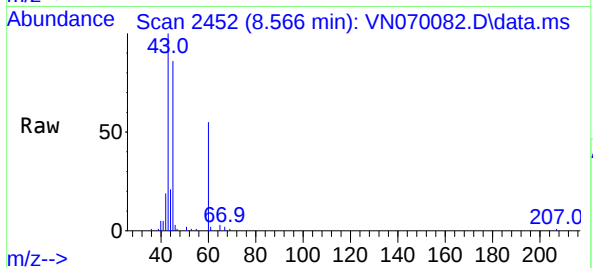
Tgt Ion: 117 Resp: 119236
Ion Ratio Lower Upper
117 100
119 5.3 76.1 114.1#
121 0.0 24.2 36.2#



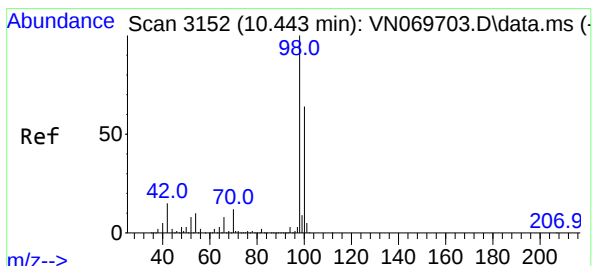
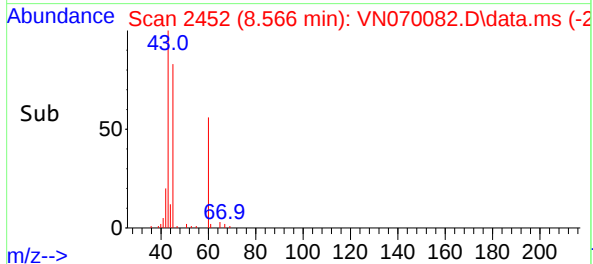
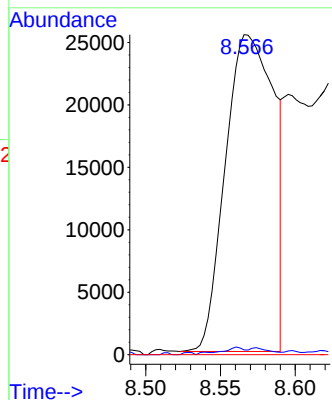


#43
Isopropyl Acetate
Concen: 1.216 ug/l
RT: 8.566 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN070082.D
Acq: 14 Dec 2021 20:06

Instrument :
MSVOA_N
ClientSampleId :

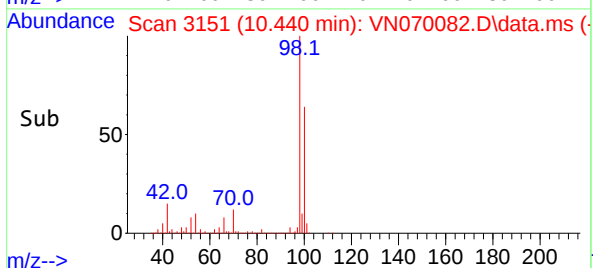
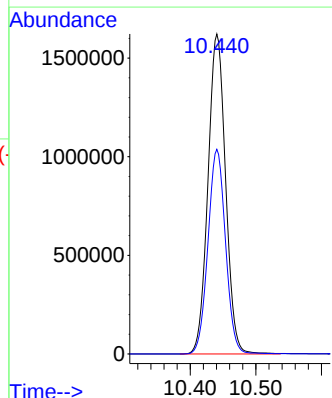
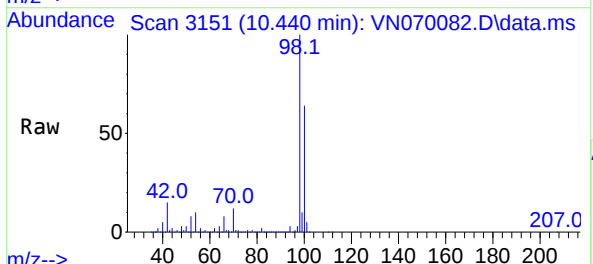


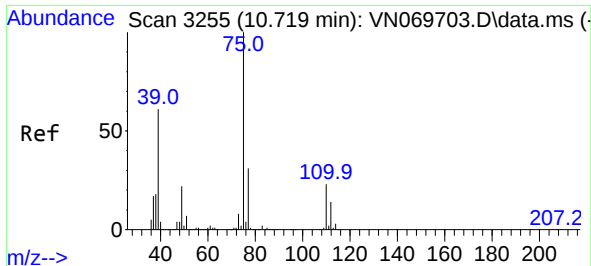
Tgt Ion: 43 Resp: 57426
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#50
Toluene-d8
Concen: 53.423 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.002 min
Lab File: VN070082.D
Acq: 14 Dec 2021 20:06

Tgt Ion: 98 Resp: 3025738
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6

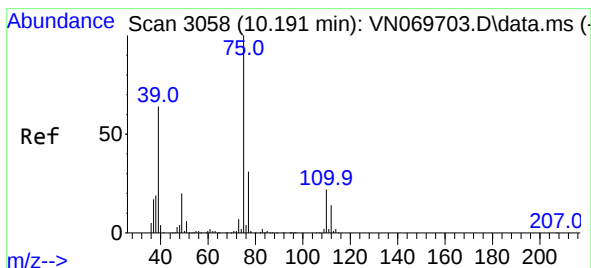
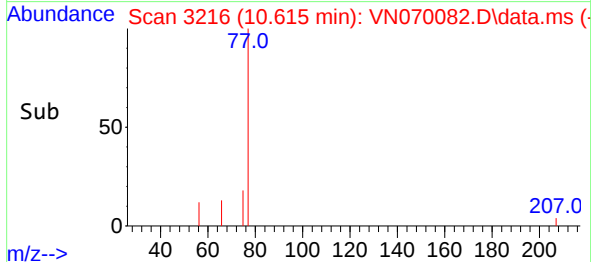
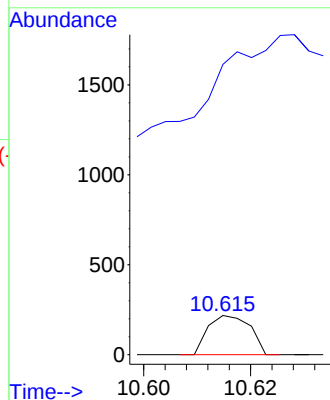
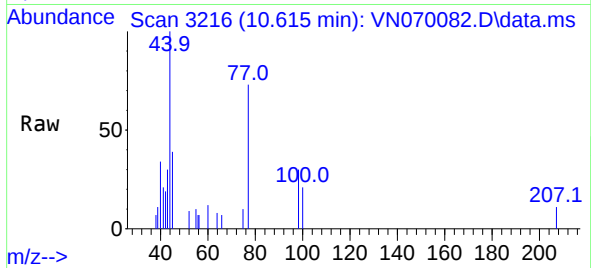




#53
t-1,3-Dichloropropene
Concen: 2.798 ug/l
RT: 10.615 min Scan# 31
Delta R.T. -0.104 min
Lab File: VN070082.D
Acq: 14 Dec 2021 20:06

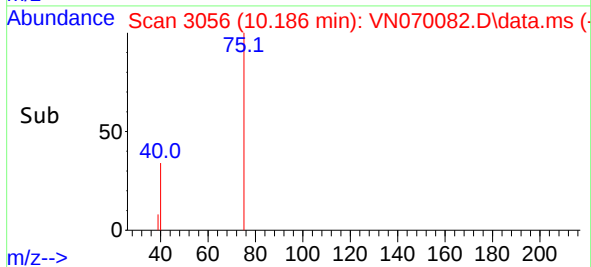
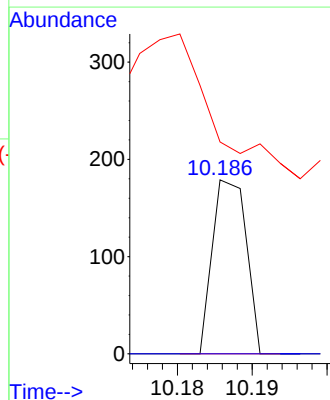
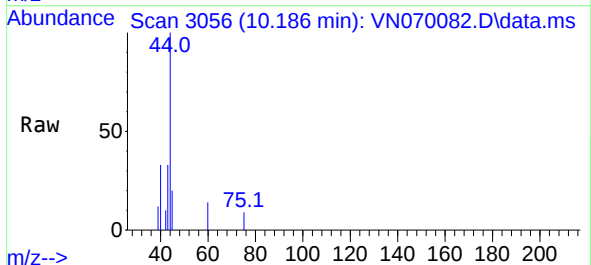
Instrument :
MSVOA_N
ClientSampleId :

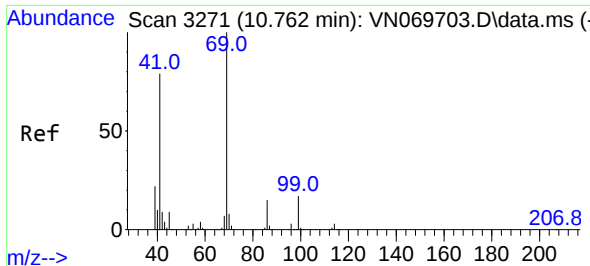
Tgt Ion: 75 Resp: 119
Ion Ratio Lower Upper
75 100
77 145.4 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 2.001 ug/l
RT: 10.186 min Scan# 3056
Delta R.T. -0.005 min
Lab File: VN070082.D
Acq: 14 Dec 2021 20:06

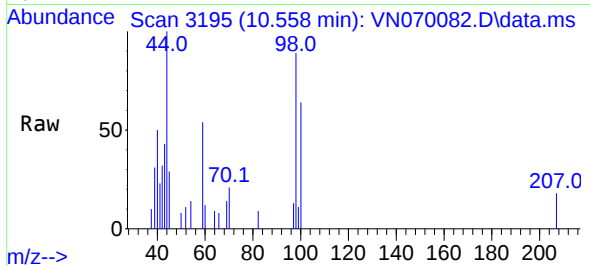
Tgt Ion: 75 Resp: 56
Ion Ratio Lower Upper
75 100
77 0.0 26.4 39.6#
39 12.3 42.5 63.7#



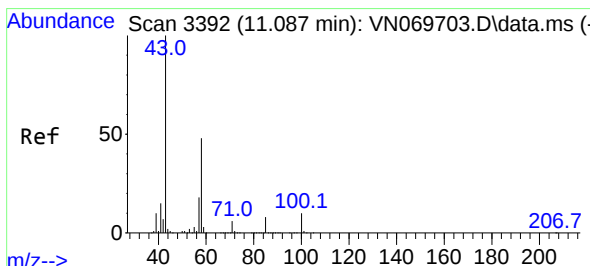
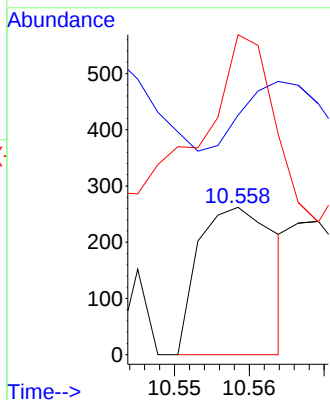
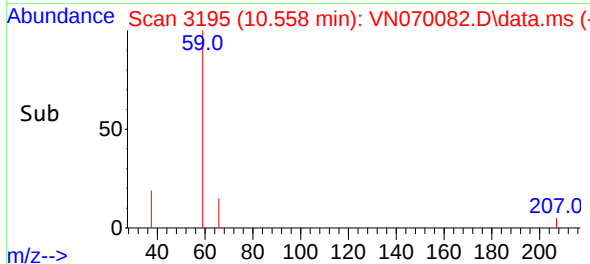


#56
Ethyl methacrylate
Concen: 2.285 ug/l
RT: 10.558 min Scan# 3195
Delta R.T. -0.204 min
Lab File: VN070082.D
Acq: 14 Dec 2021 20:06

Instrument :
MSVOA_N
ClientSampleId :

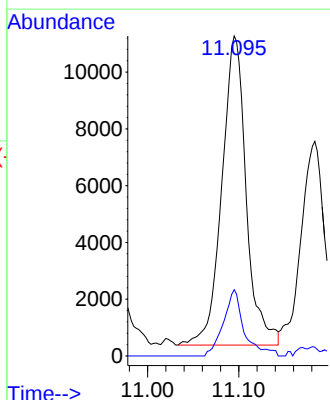
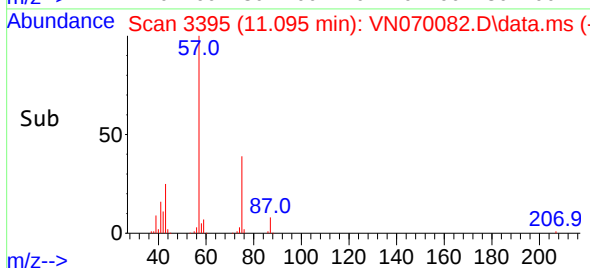
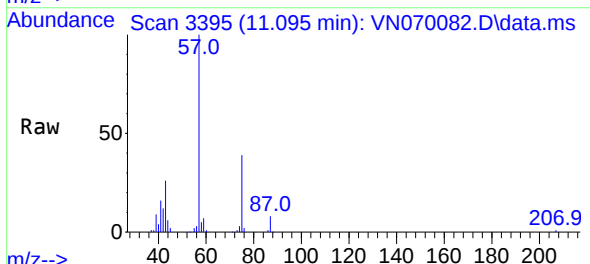


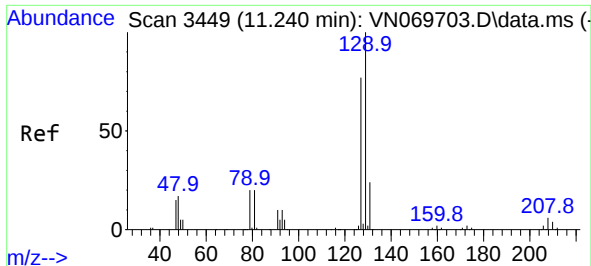
Tgt Ion: 69 Resp: 187
Ion Ratio Lower Upper
69 100
41 0.0 51.4 77.0#
39 119.8 34.6 52.0#



#59
2-Hexanone
Concen: 0.874 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.008 min
Lab File: VN070082.D
Acq: 14 Dec 2021 20:06

Tgt Ion: 43 Resp: 20247
Ion Ratio Lower Upper
43 100
58 18.1 26.9 80.7#

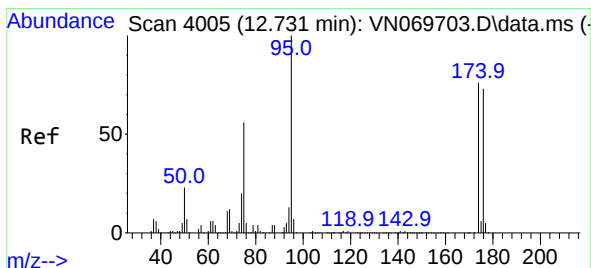
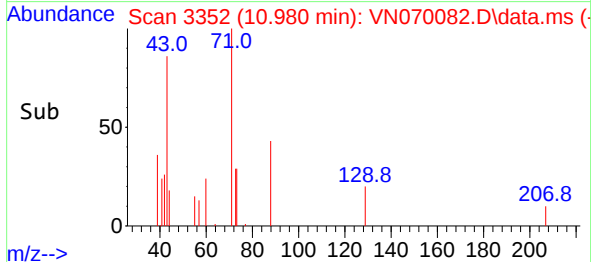
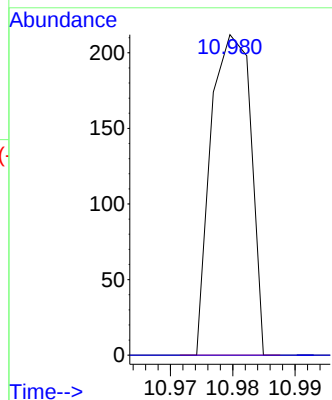
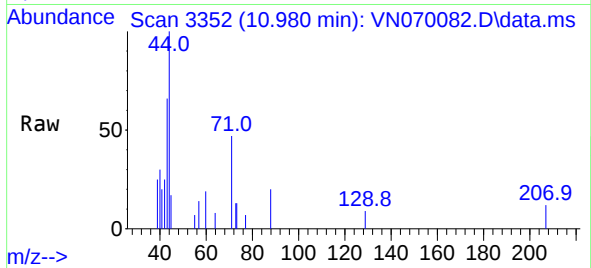




#60
Dibromochloromethane
Concen: 2.381 ug/l
RT: 10.980 min Scan# 31
Delta R.T. -0.260 min
Lab File: VN070082.D
Acq: 14 Dec 2021 20:06

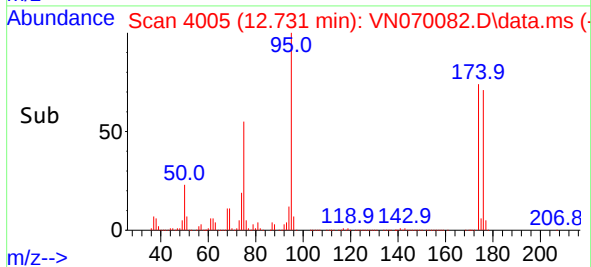
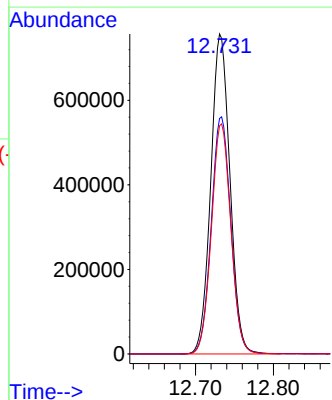
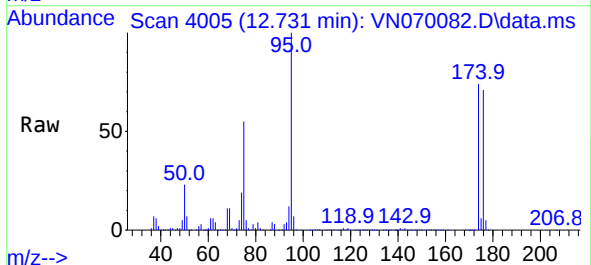
Instrument :
MSVOA_N
ClientSampleId :

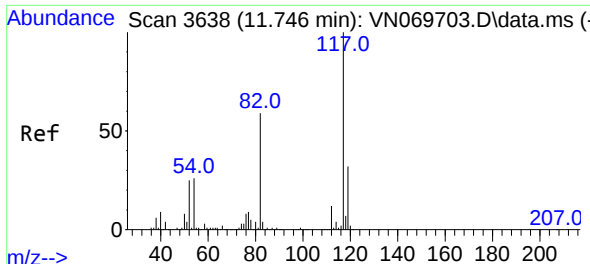
Tgt Ion:129 Resp: 94
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#



#62
4-Bromofluorobenzene
Concen: 63.097 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070082.D
Acq: 14 Dec 2021 20:06

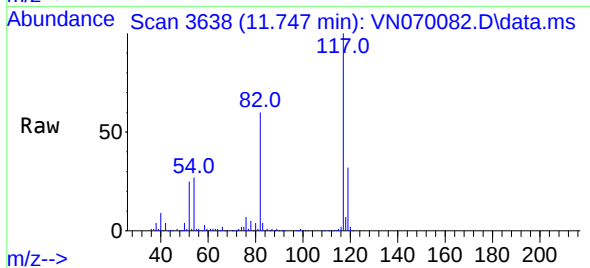
Tgt Ion: 95 Resp: 1294666
Ion Ratio Lower Upper
95 100
174 75.7 0.0 187.2
176 72.8 0.0 181.4



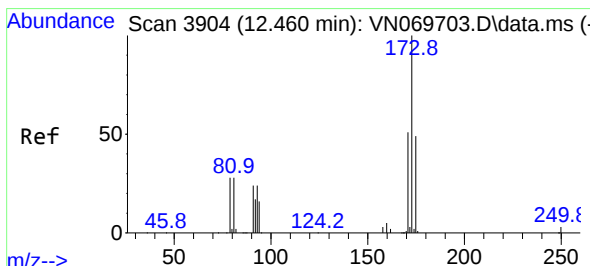
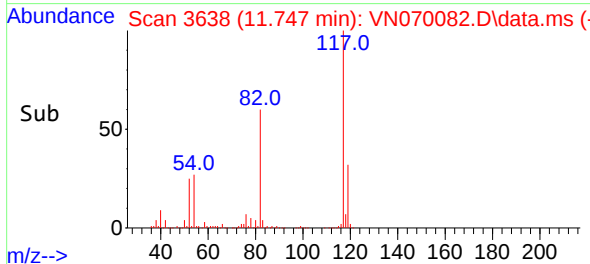
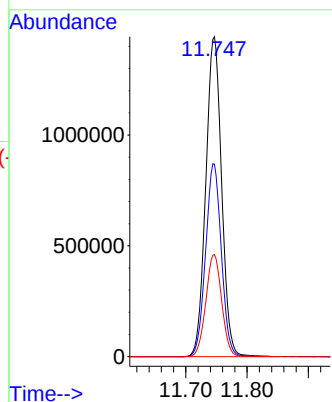


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 30
Delta R.T. 0.001 min
Lab File: VN070082.D
Acq: 14 Dec 2021 20:06

Instrument :
MSVOA_N
ClientSampleId :

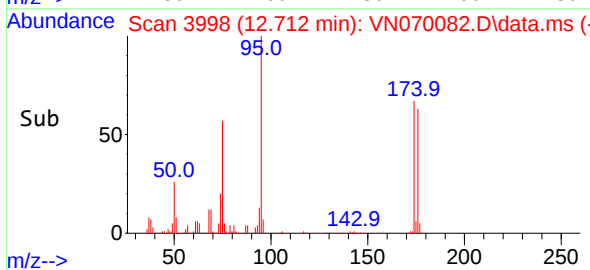
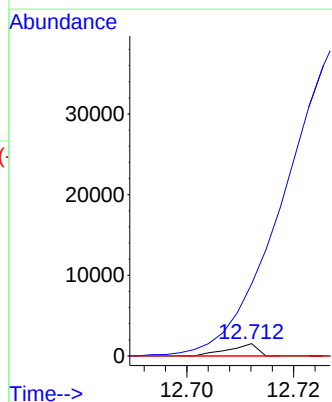
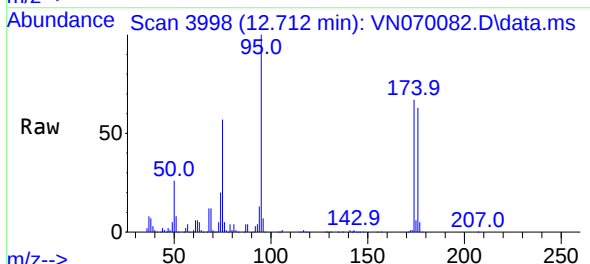


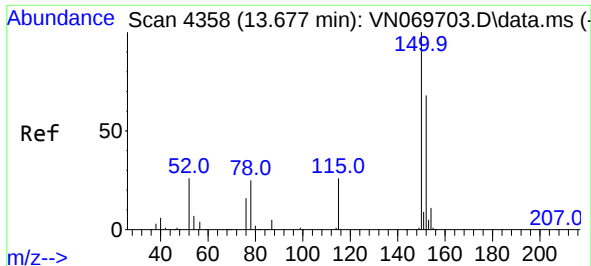
Tgt Ion:117 Resp: 2589890
Ion Ratio Lower Upper
117 100
82 60.2 42.4 63.6
119 31.9 25.4 38.2



#71
Bromoform
Concen: 2.765 ug/l
RT: 12.712 min Scan# 3998
Delta R.T. 0.252 min
Lab File: VN070082.D
Acq: 14 Dec 2021 20:06

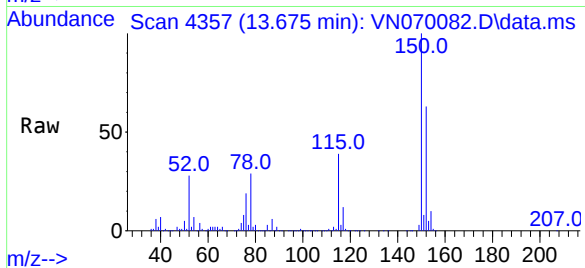
Tgt Ion:173 Resp: 567
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0





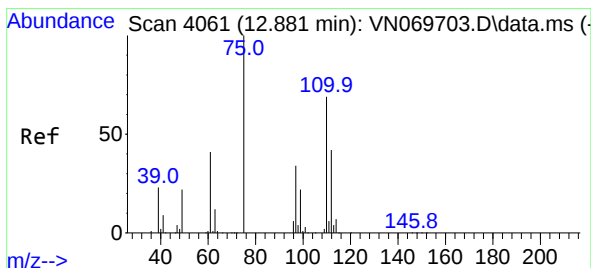
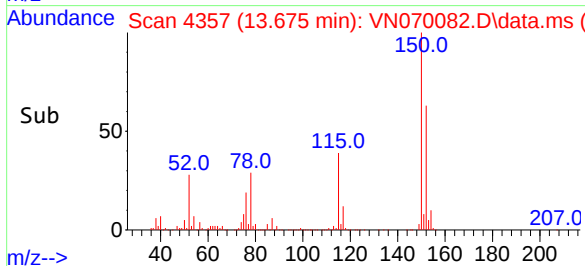
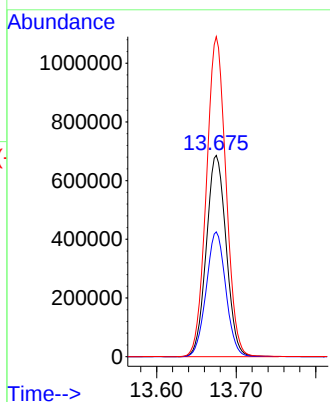
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.002 min
 Lab File: VN070082.D
 Acq: 14 Dec 2021 20:06

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:152 Resp: 1191929

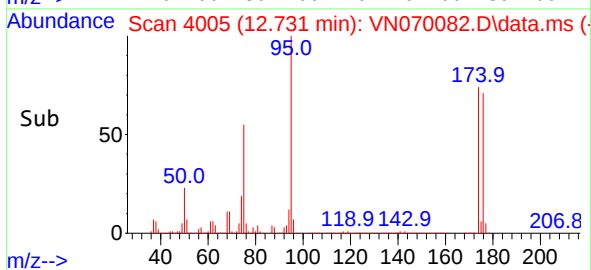
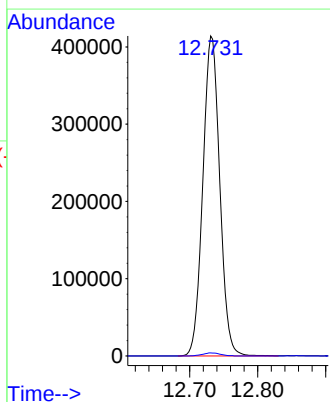
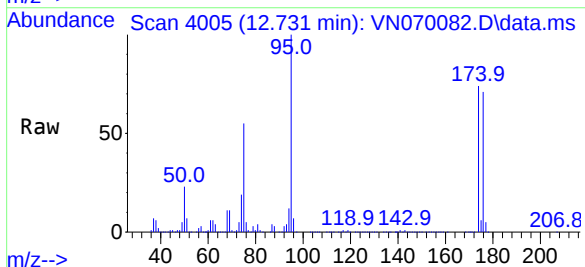
Ion	Ratio	Lower	Upper
152	100		
115	61.2	27.5	82.5
150	156.4	0.0	344.4

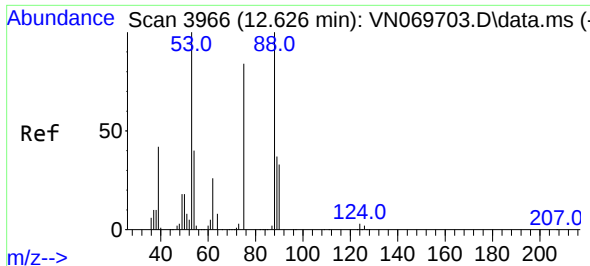


#76
 1,2,3-Trichloropropane
 Concen: 20.948 ug/l
 RT: 12.731 min Scan# 4005
 Delta R.T. -0.150 min
 Lab File: VN070082.D
 Acq: 14 Dec 2021 20:06

Tgt Ion: 75 Resp: 716056

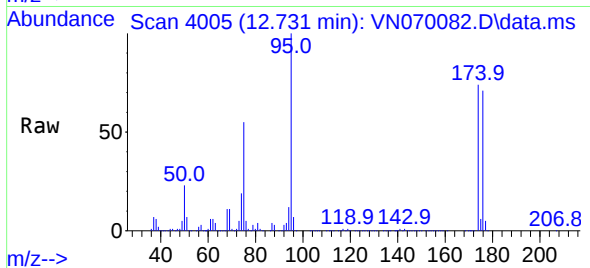
Ion	Ratio	Lower	Upper
75	100		
77	1.0	82.6	247.8#



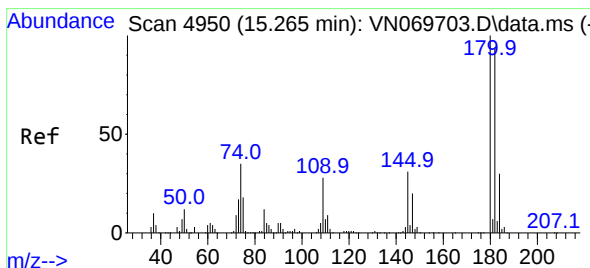
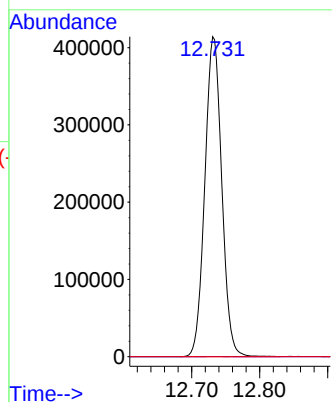
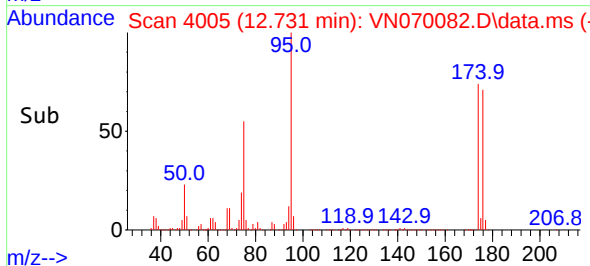


#81
trans-1,4-Dichloro-2-butene
Concen: 67.054 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN070082.D
Acq: 14 Dec 2021 20:06

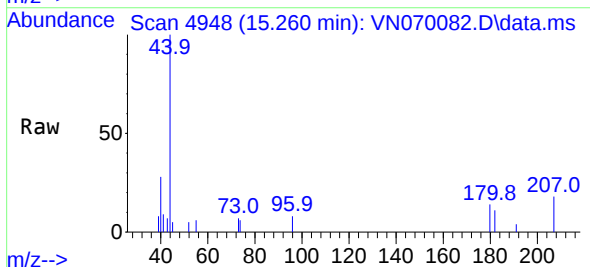
Instrument :
MSVOA_N
ClientSampleId :



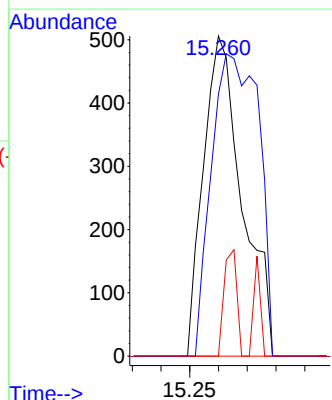
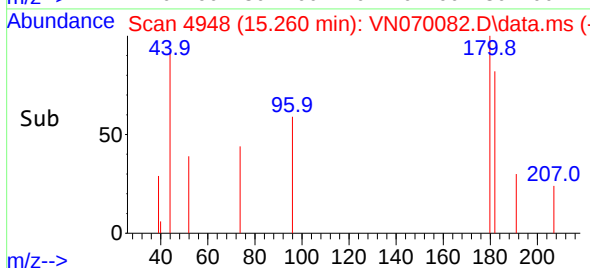
Tgt Ion: 75 Resp: 716056
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

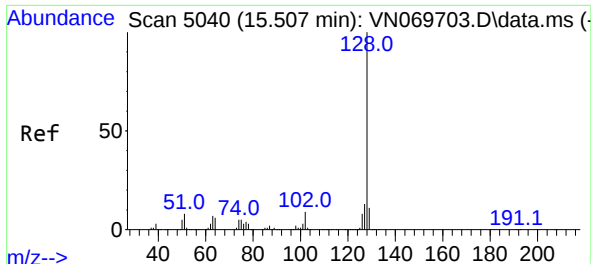


#93
1,2,4-Trichlorobenzene
Concen: 2.901 ug/l
RT: 15.260 min Scan# 4948
Delta R.T. -0.005 min
Lab File: VN070082.D
Acq: 14 Dec 2021 20:06



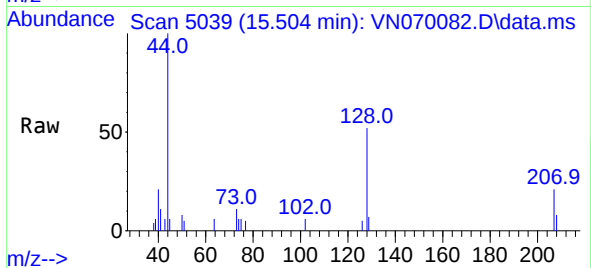
Tgt Ion: 180 Resp: 474
Ion Ratio Lower Upper
180 100
182 115.0 48.3 144.9
145 11.0 14.5 43.5#



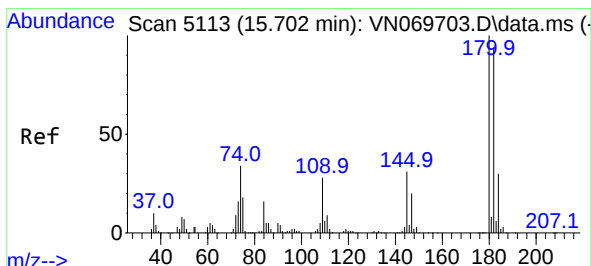
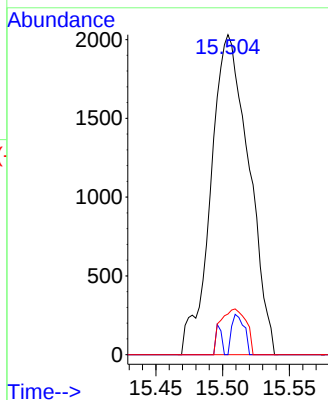
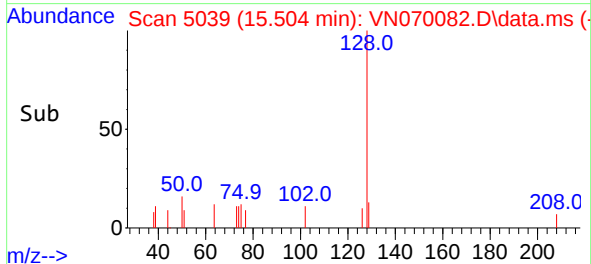


#95
Naphthalene
Concen: 4.049 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN070082.D
Acq: 14 Dec 2021 20:06

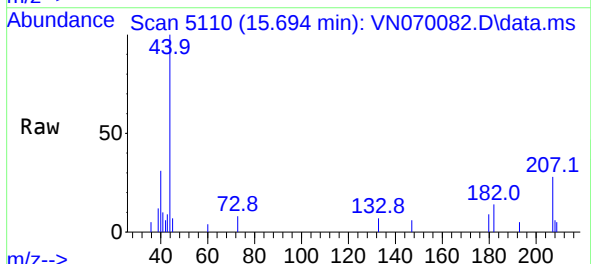
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 4014
Ion Ratio Lower Upper
128 100
127 4.1 10.5 15.7#
129 9.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.447 ug/l
RT: 15.694 min Scan# 5110
Delta R.T. -0.008 min
Lab File: VN070082.D
Acq: 14 Dec 2021 20:06



Tgt Ion:180 Resp: 224
Ion Ratio Lower Upper
180 100
182 160.3 47.4 142.2#
145 0.0 15.0 45.1#

