

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
 Data File : VN070001.D
 Acq On : 11 Dec 2021 11:51
 Operator : JC/MD
 Sample : VN1211MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 12 16:17:14 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

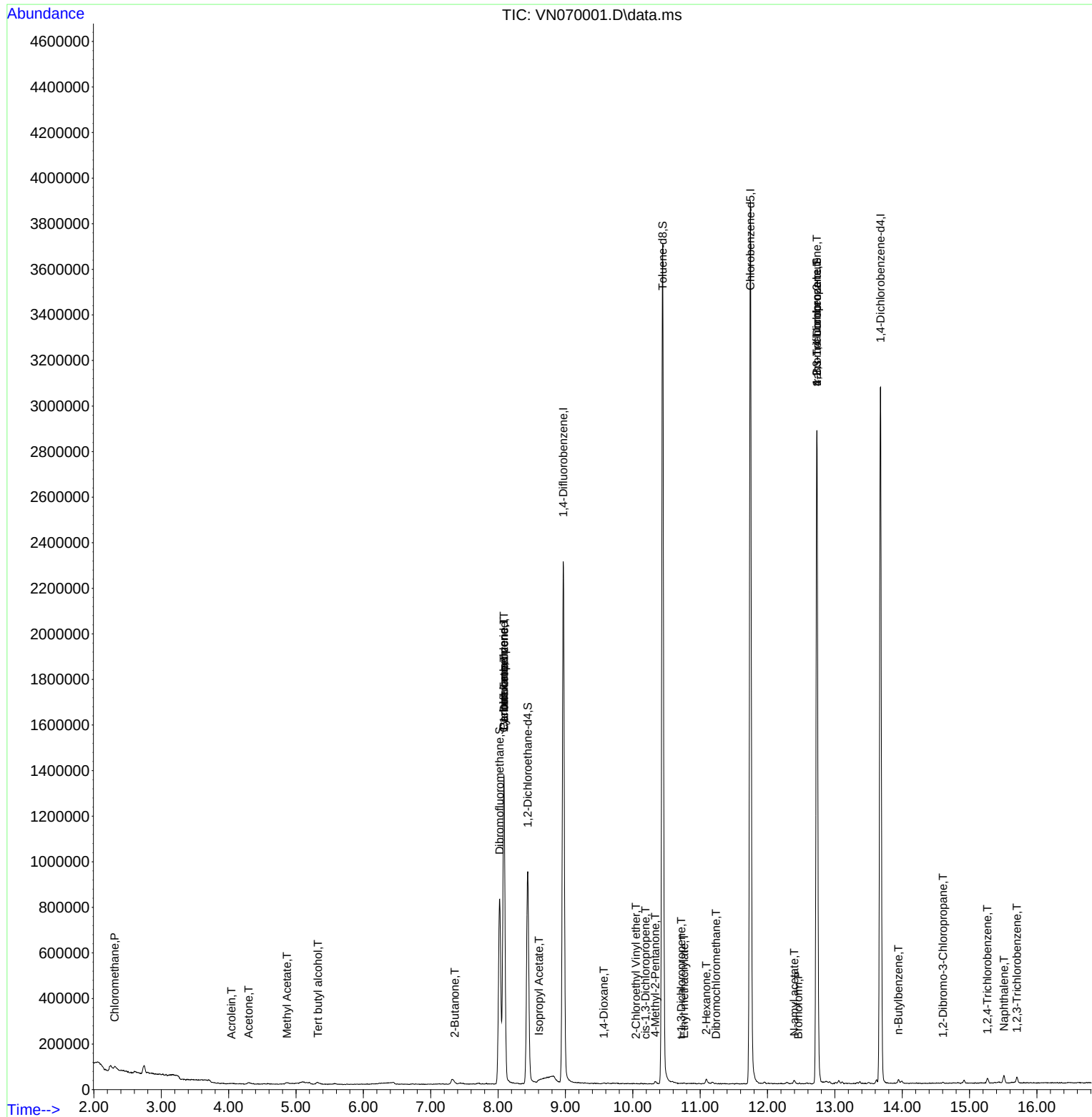
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.086	168	1000380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1901998	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2148427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	806451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	807501	52.279	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.560%	
35) Dibromofluoromethane	8.024	113	595786	50.008	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.020%	
50) Toluene-d8	10.443	98	2514846	52.571	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.140%	
62) 4-Bromofluorobenzene	12.734	95	1011469	58.364	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 116.720%	
Target Compounds						Qvalue
3) Chloromethane	2.306	50	3030	0.207	ug/l	94
11) Tert butyl alcohol	5.326	59	6942	2.378	ug/l #	71
13) Acrolein	4.041	56	821	0.330	ug/l #	28
16) Acetone	4.296	43	8357	0.899	ug/l	99
18) Methyl Acetate	4.867	43	11342	0.404	ug/l #	65
25) 2-Butanone	7.356	43	4756	0.377	ug/l #	76
31) Cyclohexane	8.088	56	26561	1.236	ug/l #	39
36) 1,1-Dichloropropene	8.088	75	84344	4.658	ug/l #	50
38) Carbon Tetrachloride	8.086	117	102884	5.794	ug/l #	16
43) Isopropyl Acetate	8.609	43	12502	0.313	ug/l #	55
49) 1,4-Dioxane	9.572	88	194	0.581	ug/l #	1
51) 4-Methyl-2-Pentanone	10.333	43	7006	0.271	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	679	2.823	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	403	2.015	ug/l #	34
56) Ethyl methacrylate	10.762	69	1262	2.326	ug/l #	26
58) 2-Chloroethyl Vinyl ether	10.049	63	90	18.401	ug/l #	40
59) 2-Hexanone	11.092	43	16488	0.842	ug/l	84
60) Dibromochloromethane	11.237	129	155	2.386	ug/l	84
71) Bromoform	12.457	173	508	2.767	ug/l #	29
74) N-amyl acetate	12.396	43	9164	0.289	ug/l	91
76) 1,2,3-Trichloropropane	12.734	75	564090	24.391	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.734	75	564090	77.405	ug/l #	5
89) n-Butylbenzene	13.943	91	9891	0.225	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.606	75	1768	0.394	ug/l #	47
93) 1,2,4-Trichlorobenzene	15.265	180	7475	3.410	ug/l	95
95) Naphthalene	15.512	128	28402	4.648	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.703	180	9395	3.129	ug/l	96

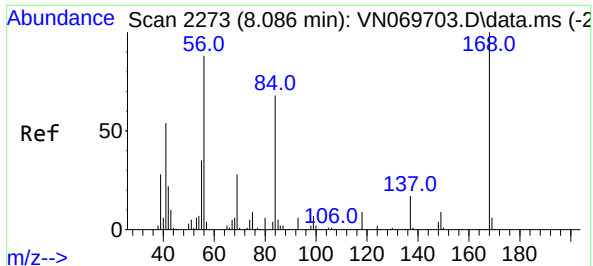
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
Data File : VN070001.D
Acq On : 11 Dec 2021 11:51
Operator : JC/MD
Sample : VN1211MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

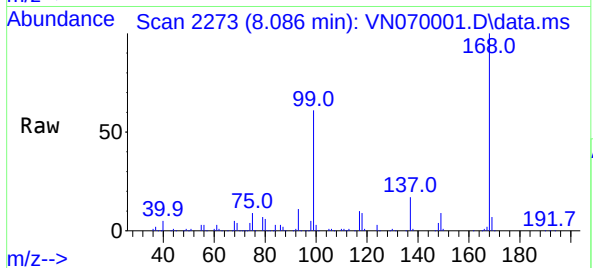
Quant Time: Dec 12 16:17:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration



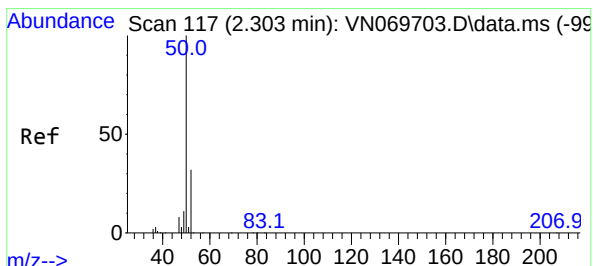
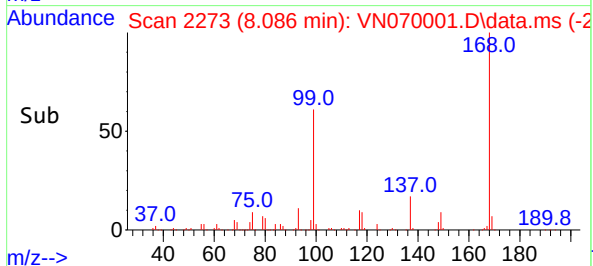
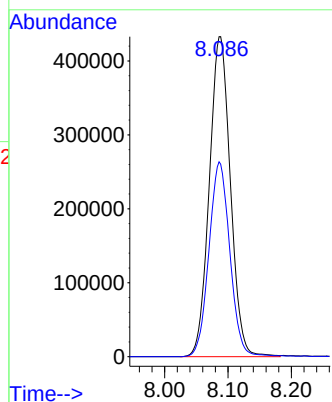


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070001.D
Acq: 11 Dec 2021 11:51

Instrument :
MSVOA_N
ClientSampleId :

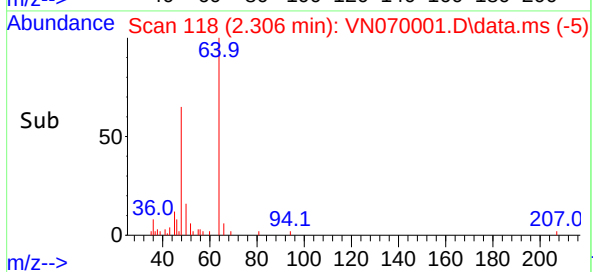
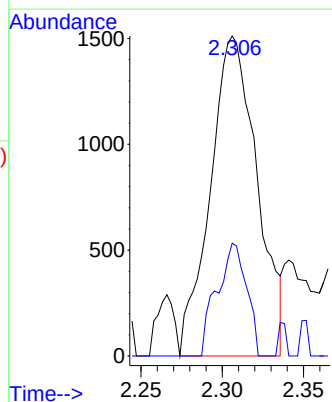
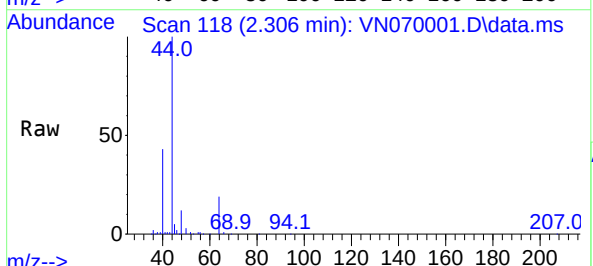


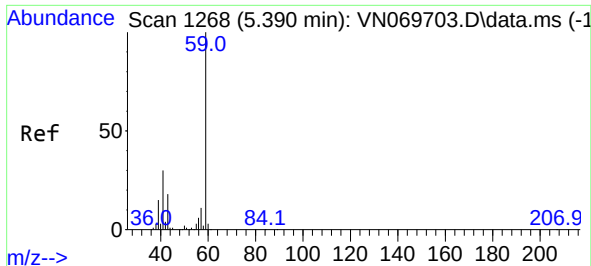
Tgt Ion:168 Resp: 1000380
Ion Ratio Lower Upper
168 100
99 60.9 41.3 61.9



#3
Chloromethane
Concen: 0.207 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN070001.D
Acq: 11 Dec 2021 11:51

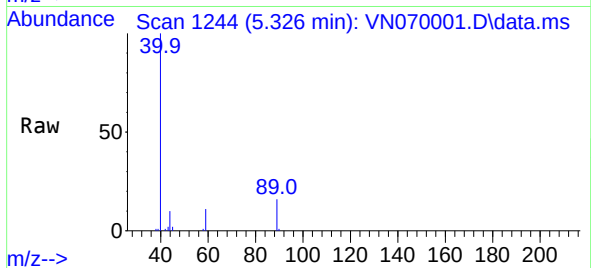
Tgt Ion: 50 Resp: 3030
Ion Ratio Lower Upper
50 100
52 35.3 25.4 38.0



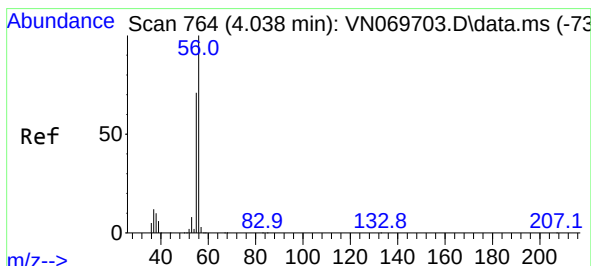
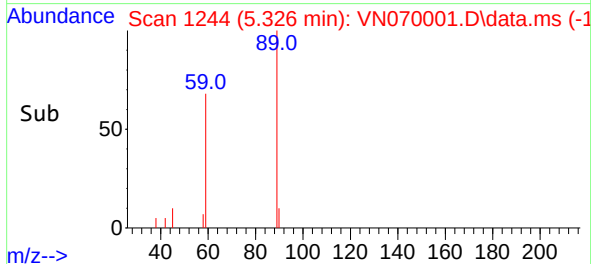
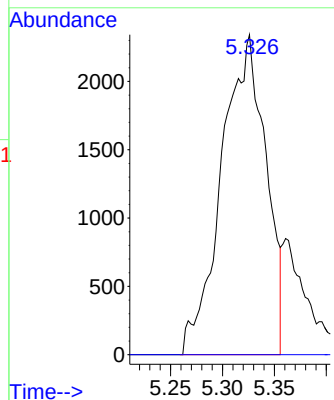


#11
Tert butyl alcohol
Concen: 2.378 ug/l
RT: 5.326 min Scan# 11
Delta R.T. -0.064 min
Lab File: VN070001.D
Acq: 11 Dec 2021 11:51

Instrument :
MSVOA_N
ClientSampleId :

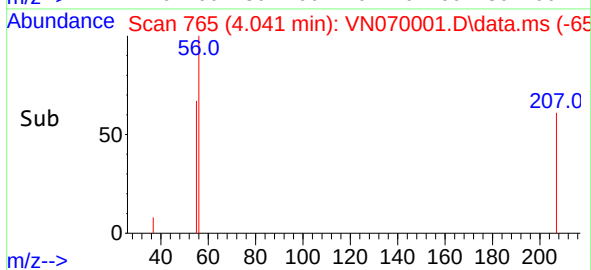
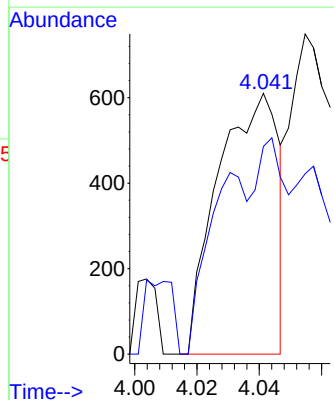
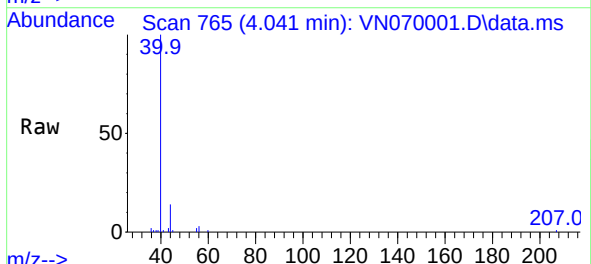


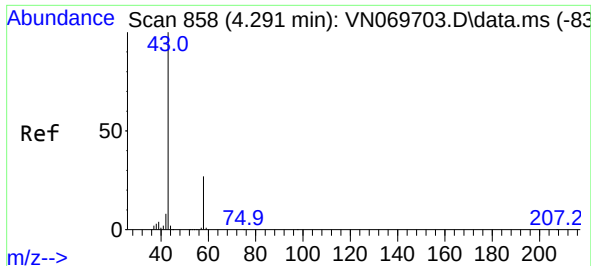
Tgt Ion: 59 Resp: 6942
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 0.330 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN070001.D
Acq: 11 Dec 2021 11:51

Tgt Ion: 56 Resp: 821
Ion Ratio Lower Upper
56 100
55 11.4 56.6 85.0#

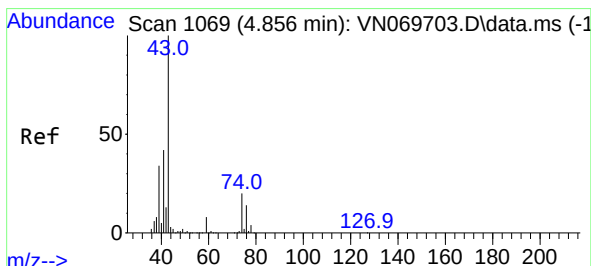
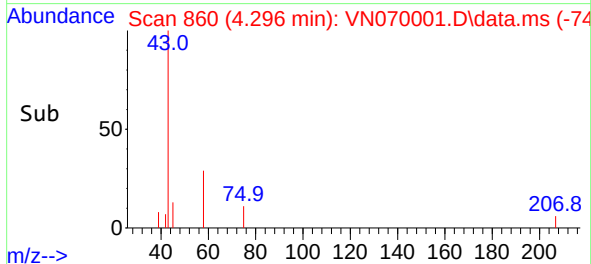
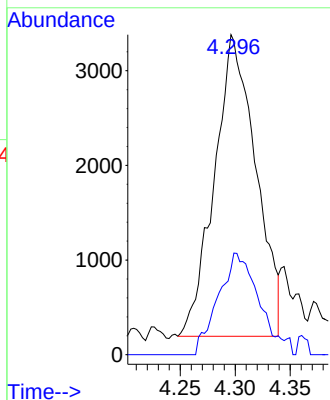
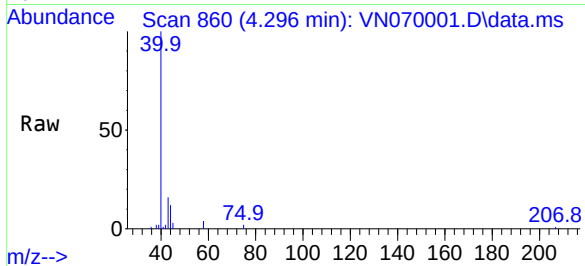




#16
Acetone
Concen: 0.899 ug/l
RT: 4.296 min Scan# 80
Delta R.T. 0.006 min
Lab File: VN070001.D
Acq: 11 Dec 2021 11:51

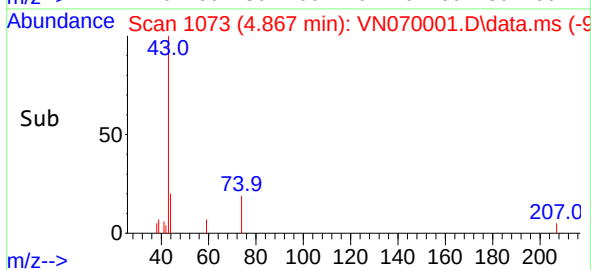
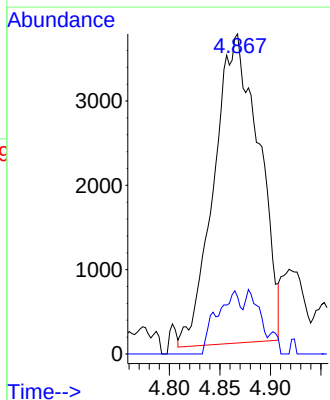
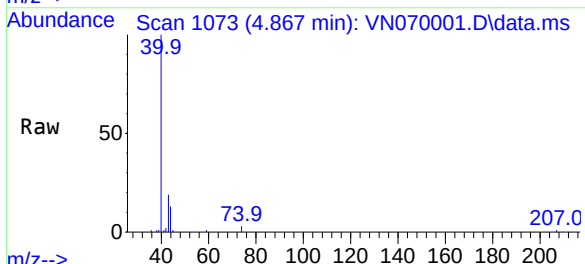
Instrument :
MSVOA_N
ClientSampleId :

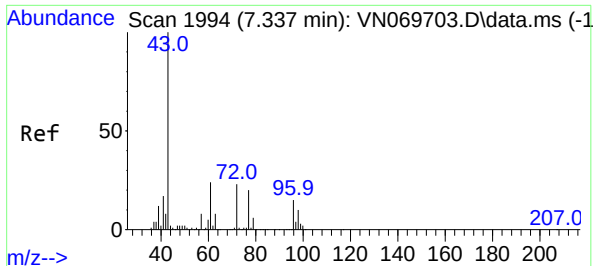
Tgt Ion: 43 Resp: 8357
Ion Ratio Lower Upper
43 100
58 28.4 23.1 34.7



#18
Methyl Acetate
Concen: 0.404 ug/l
RT: 4.867 min Scan# 1073
Delta R.T. 0.011 min
Lab File: VN070001.D
Acq: 11 Dec 2021 11:51

Tgt Ion: 43 Resp: 11342
Ion Ratio Lower Upper
43 100
74 6.7 19.4 29.2#





#25

2-Butanone

Concen: 0.377 ug/l

RT: 7.356 min Scan# 2001

Delta R.T. 0.019 min

Lab File: VN070001.D

Acq: 11 Dec 2021 11:51

Instrument :

MSVOA_N

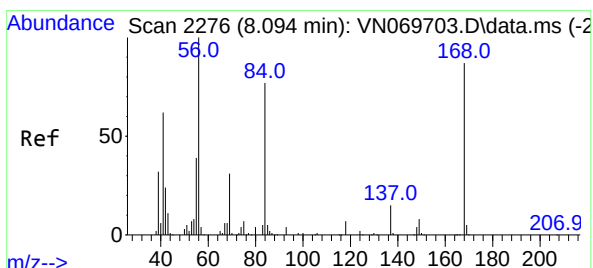
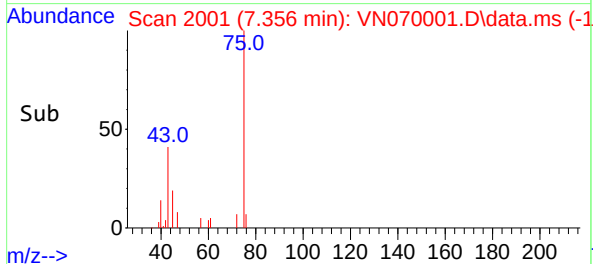
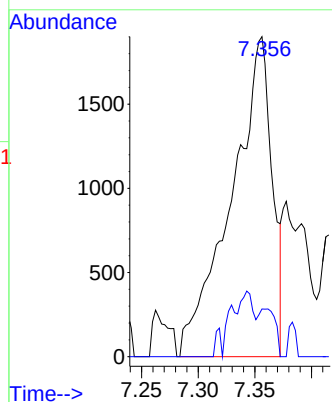
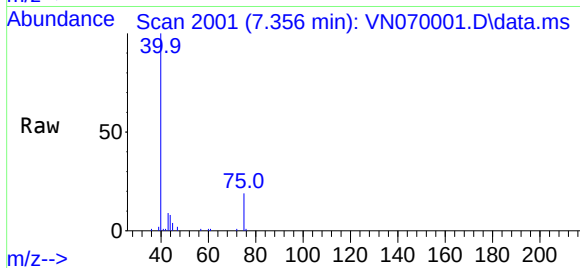
ClientSampleId :

Tgt Ion: 43 Resp: 4756

Ion Ratio Lower Upper

43 100

72 14.9 21.7 32.5#



#31

Cyclohexane

Concen: 1.236 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. -0.005 min

Lab File: VN070001.D

Acq: 11 Dec 2021 11:51

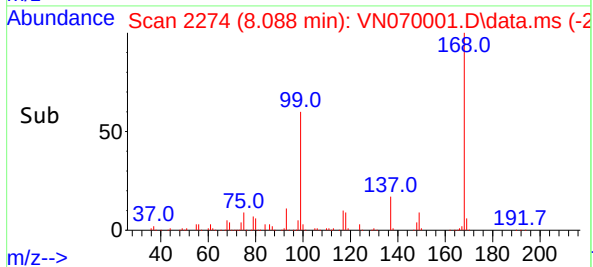
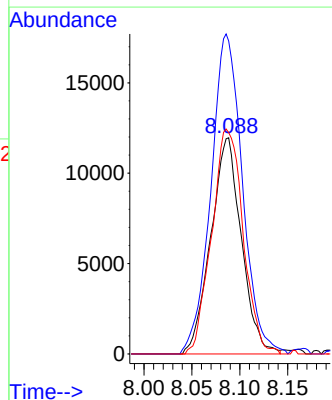
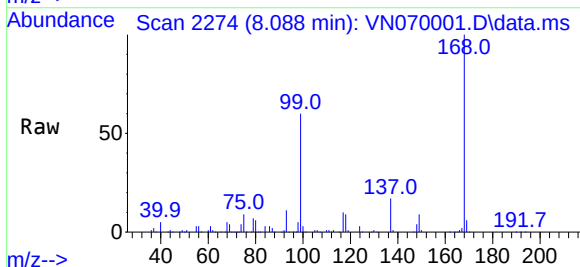
Tgt Ion: 56 Resp: 26561

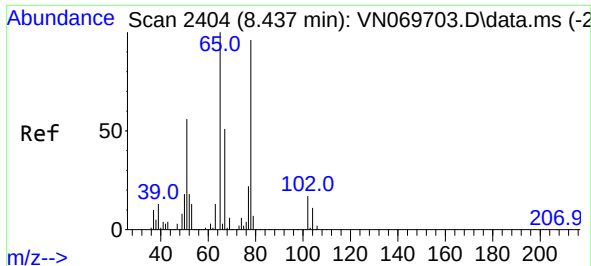
Ion Ratio Lower Upper

56 100

69 144.7 27.1 40.7#

84 102.4 73.4 110.0

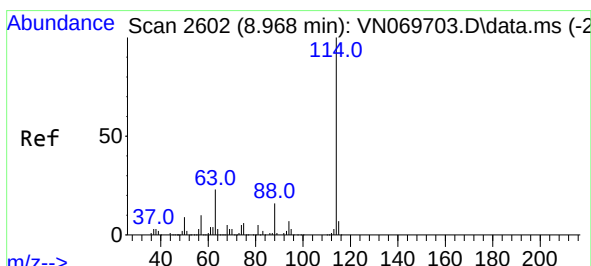
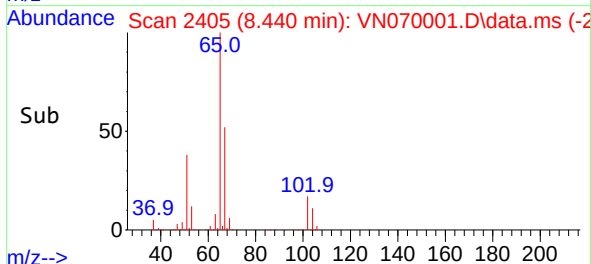
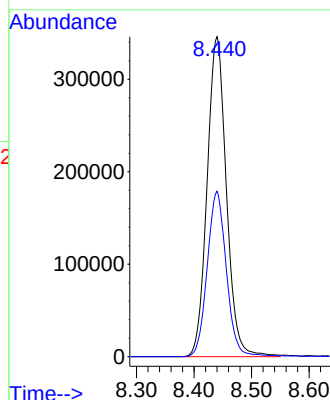
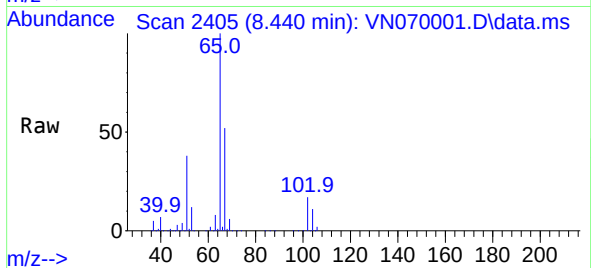




#33
1,2-Dichloroethane-d4
Concen: 52.279 ug/l
RT: 8.440 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN070001.D
Acq: 11 Dec 2021 11:51

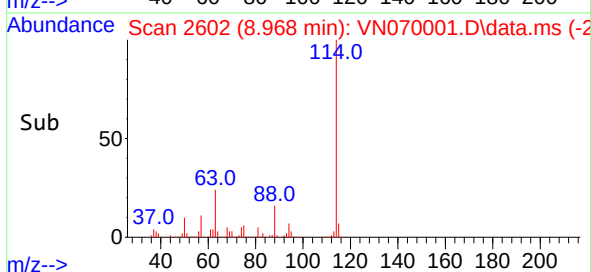
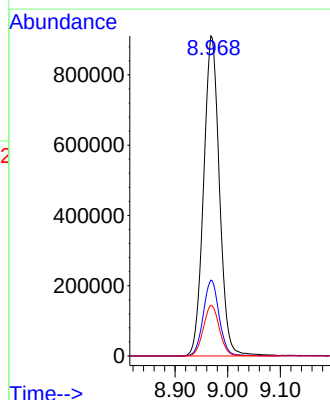
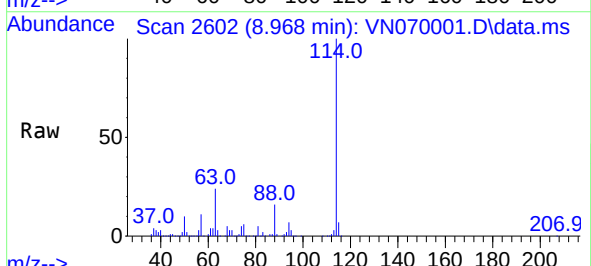
Instrument :
MSVOA_N
ClientSampleId :

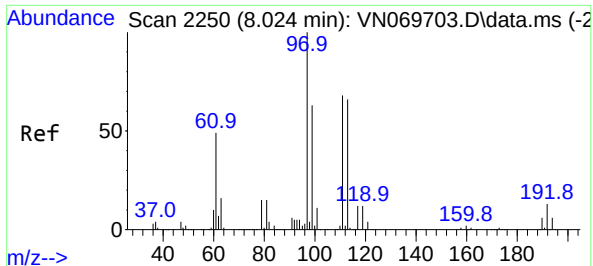
Tgt Ion: 65 Resp: 807501
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN070001.D
Acq: 11 Dec 2021 11:51

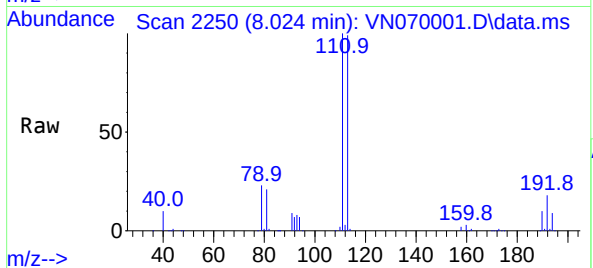
Tgt Ion: 114 Resp: 1901998
Ion Ratio Lower Upper
114 100
63 23.7 0.0 37.8
88 15.8 0.0 27.4



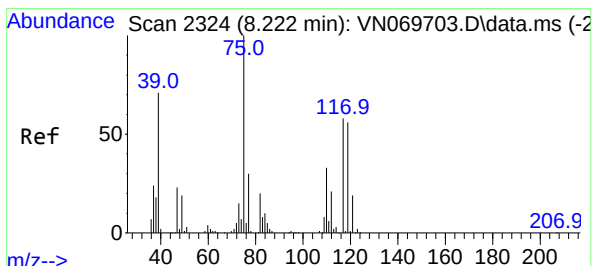
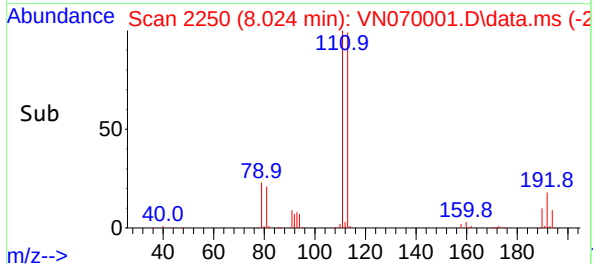
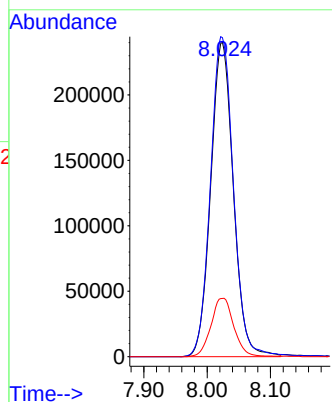


#35
Dibromofluoromethane
Concen: 50.008 ug/l
RT: 8.024 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN070001.D
Acq: 11 Dec 2021 11:51

Instrument :
MSVOA_N
ClientSampleId :

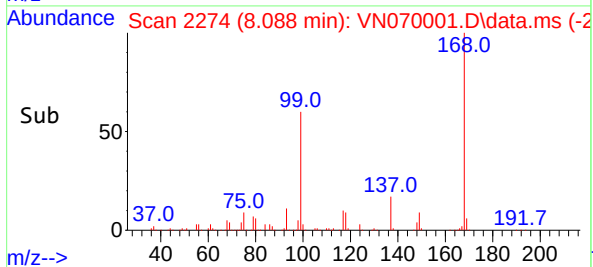
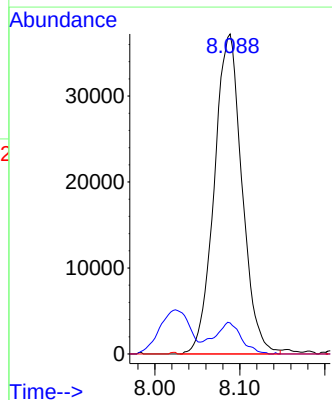
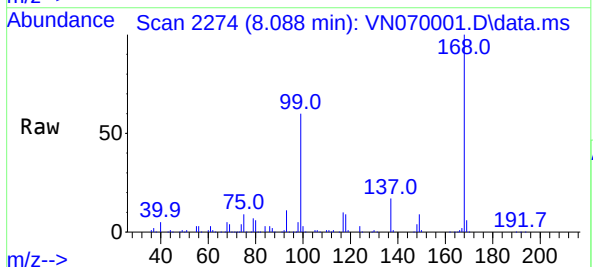


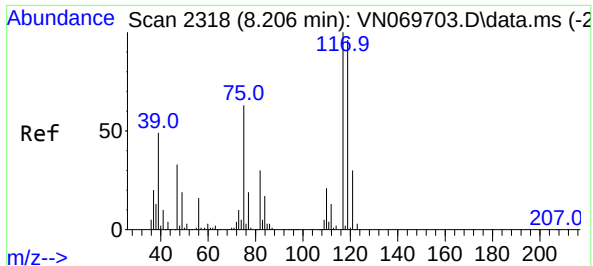
Tgt Ion:113 Resp: 595786
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 18.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.658 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN070001.D
Acq: 11 Dec 2021 11:51

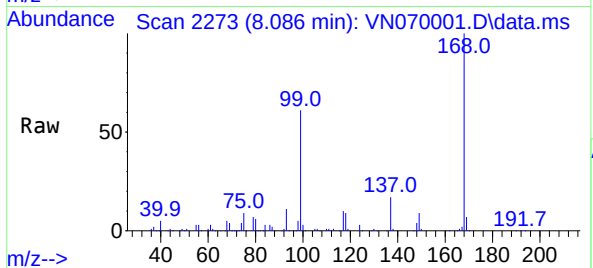
Tgt Ion: 75 Resp: 84344
Ion Ratio Lower Upper
75 100
110 9.6 18.4 55.2#
77 0.0 24.4 36.6#



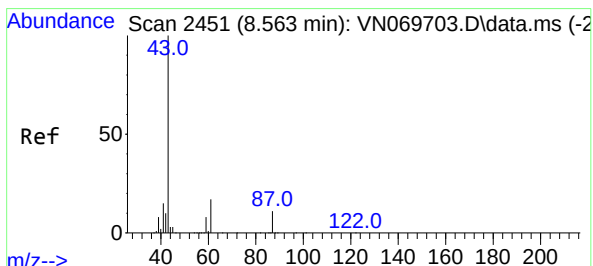
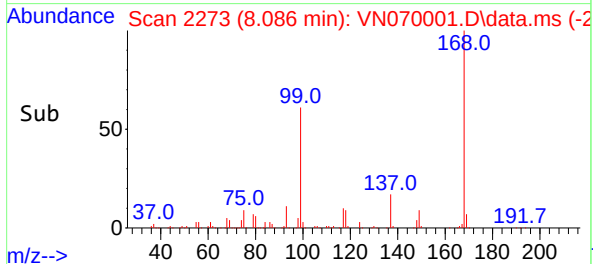
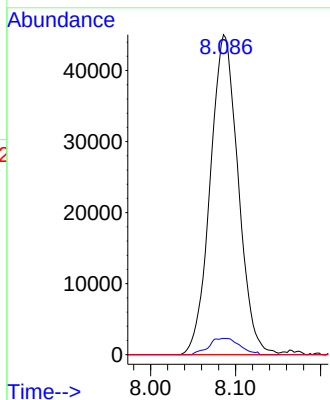


#38
Carbon Tetrachloride
Concen: 5.794 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.120 min
Lab File: VN070001.D
Acq: 11 Dec 2021 11:51

Instrument :
MSVOA_N
ClientSampleId :

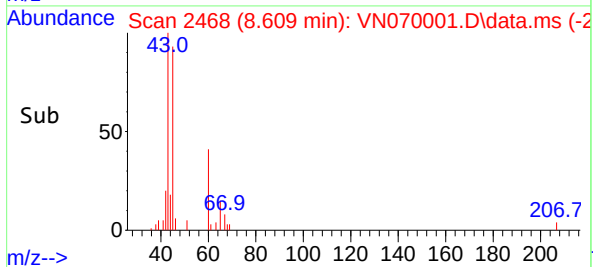
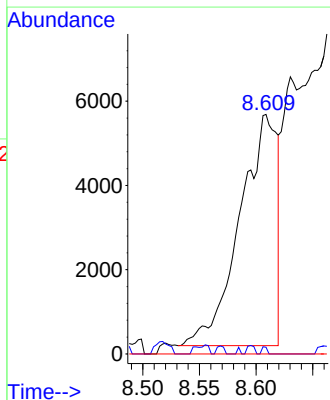
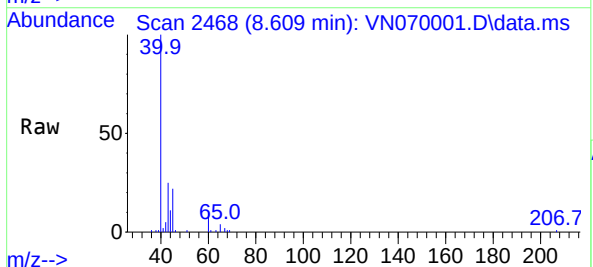


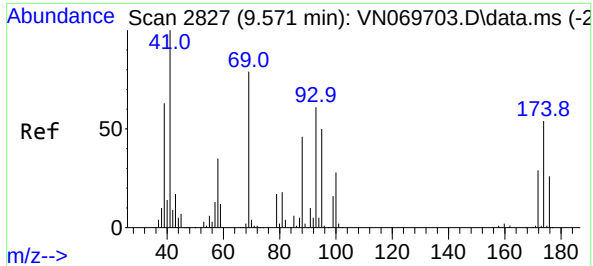
Tgt Ion:117 Resp: 102884
Ion Ratio Lower Upper
117 100
119 5.1 76.1 114.1#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 0.313 ug/l
RT: 8.609 min Scan# 2468
Delta R.T. 0.046 min
Lab File: VN070001.D
Acq: 11 Dec 2021 11:51

Tgt Ion: 43 Resp: 12502
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#

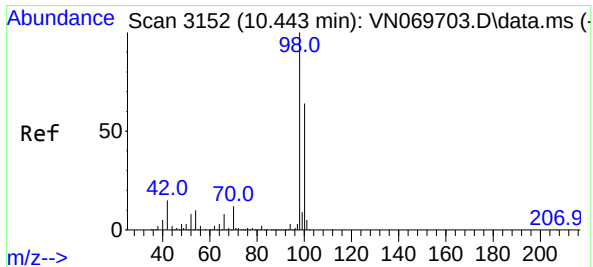
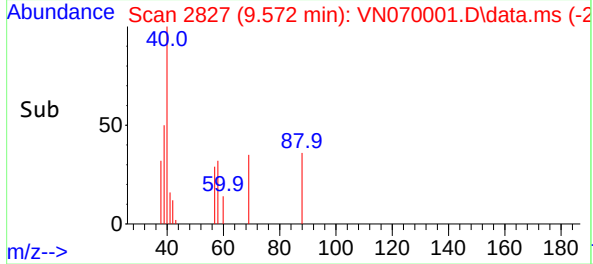
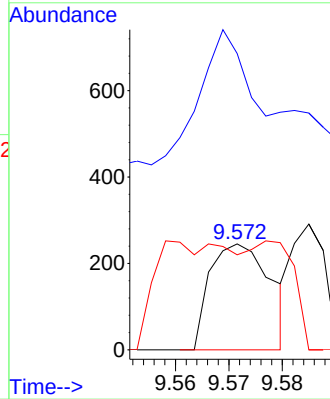
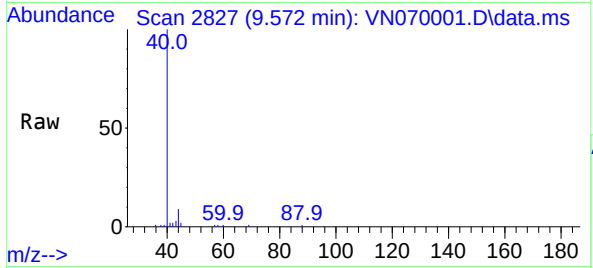




#49
1,4-Dioxane
Concen: 0.581 ug/l
RT: 9.572 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070001.D
Acq: 11 Dec 2021 11:51

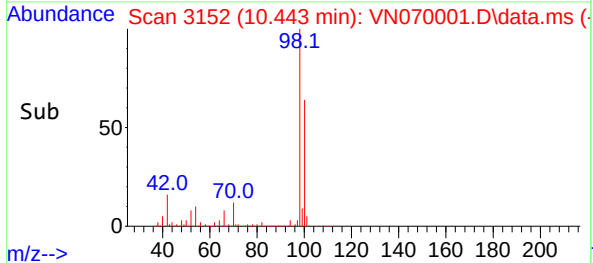
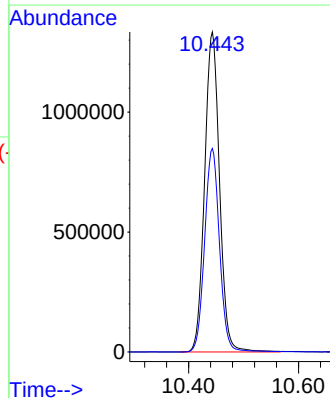
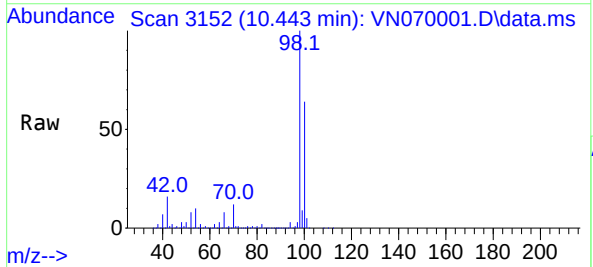
Instrument :
MSVOA_N
ClientSampleId :

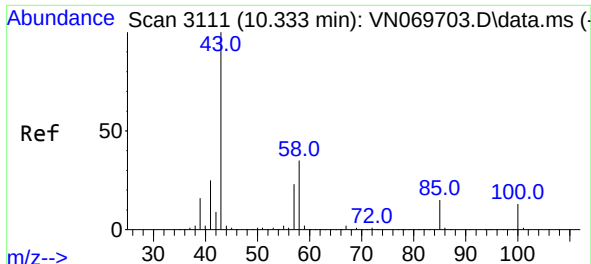
Tgt Ion: 88 Resp: 194
Ion Ratio Lower Upper
88 100
43 188.1 23.4 35.2#
58 72.7 50.6 75.8



#50
Toluene-d8
Concen: 52.571 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070001.D
Acq: 11 Dec 2021 11:51

Tgt Ion: 98 Resp: 2514846
Ion Ratio Lower Upper
98 100
100 63.3 50.4 75.6

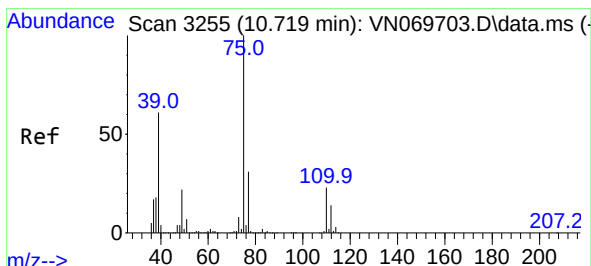
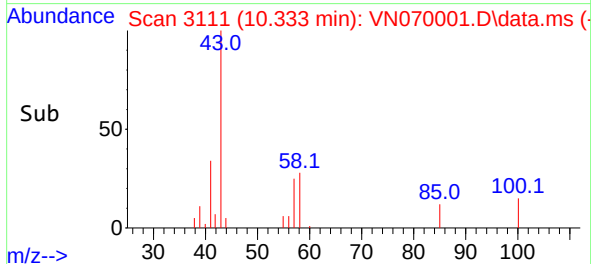
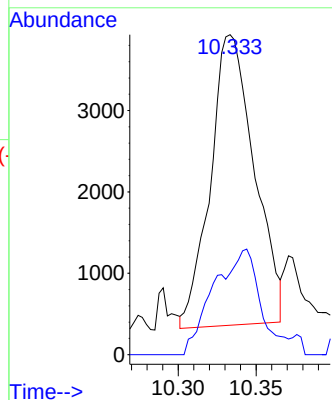
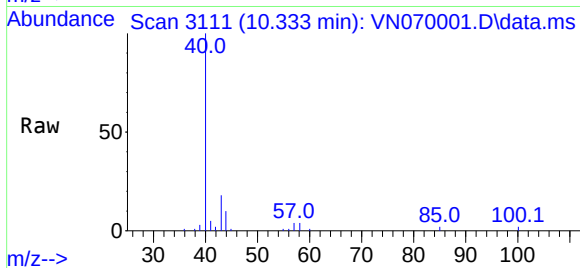




#51
4-Methyl-2-Pentanone
Concen: 0.271 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN070001.D
Acq: 11 Dec 2021 11:51

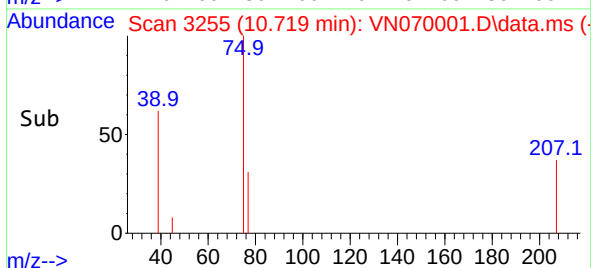
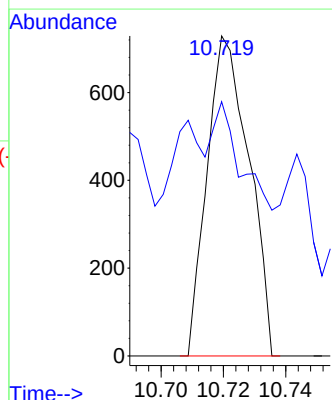
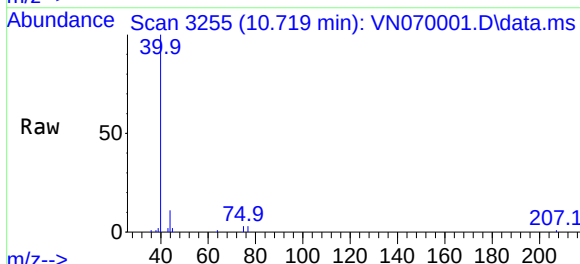
Instrument :
MSVOA_N
ClientSampleId :

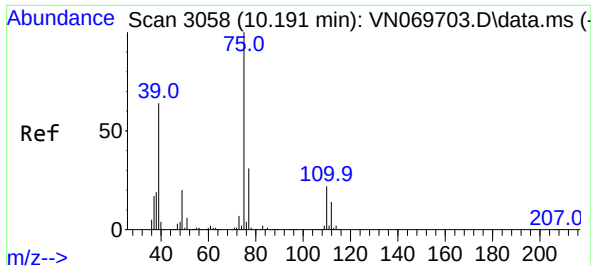
Tgt Ion: 43 Resp: 7006
Ion Ratio Lower Upper
43 100
58 38.7 30.4 45.6



#53
t-1,3-Dichloropropene
Concen: 2.823 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN070001.D
Acq: 11 Dec 2021 11:51

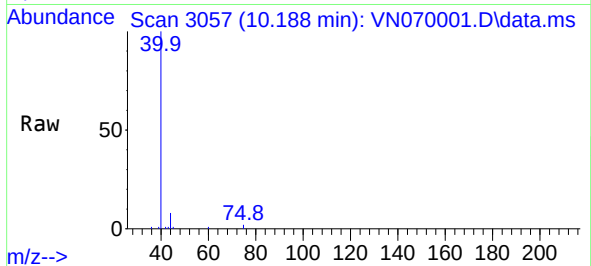
Tgt Ion: 75 Resp: 679
Ion Ratio Lower Upper
75 100
77 32.2 25.6 38.4





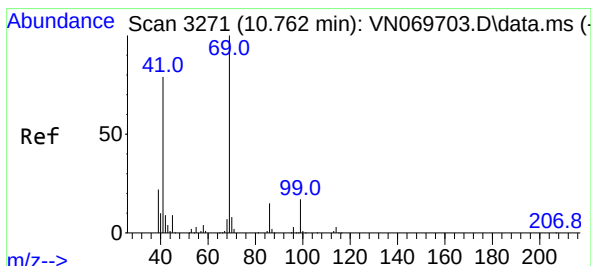
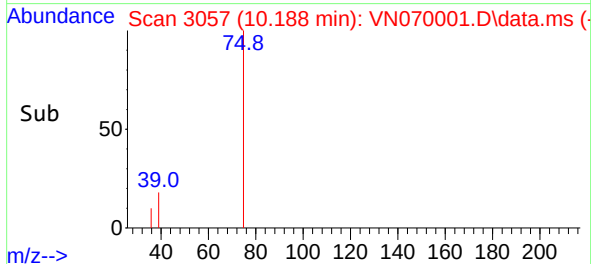
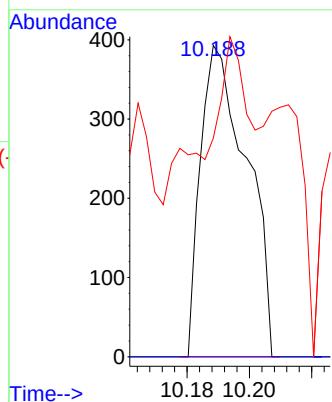
#54
 cis-1,3-Dichloropropene
 Concen: 2.015 ug/l
 RT: 10.188 min Scan# 3058
 Delta R.T. -0.003 min
 Lab File: VN070001.D
 Acq: 11 Dec 2021 11:51

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 403

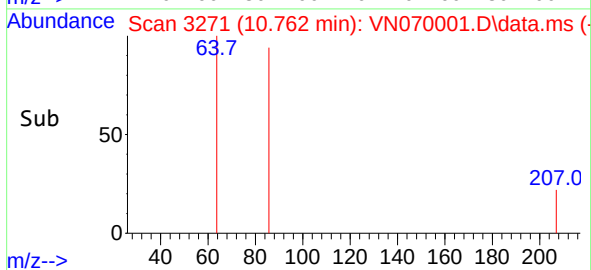
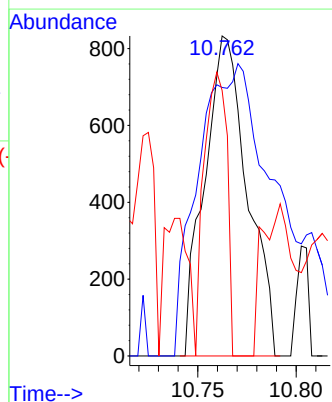
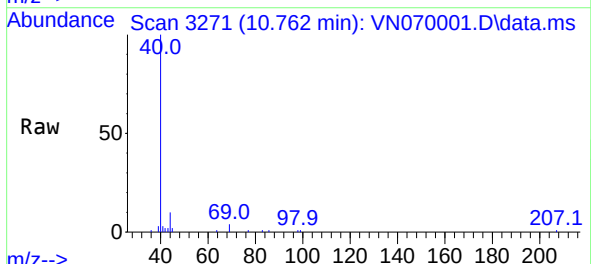
Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.4	39.6#
39	3.3	42.5	63.7#

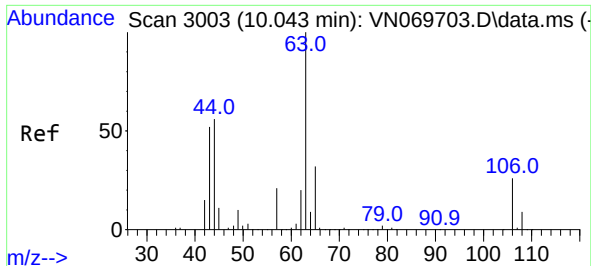


#56
 Ethyl methacrylate
 Concen: 2.326 ug/l
 RT: 10.762 min Scan# 3271
 Delta R.T. 0.000 min
 Lab File: VN070001.D
 Acq: 11 Dec 2021 11:51

Tgt Ion: 69 Resp: 1262

Ion	Ratio	Lower	Upper
69	100		
41	158.5	51.4	77.0#
39	46.9	34.6	52.0

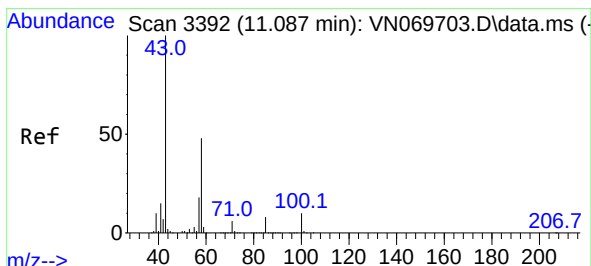
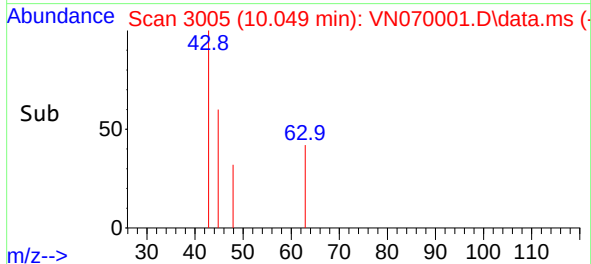
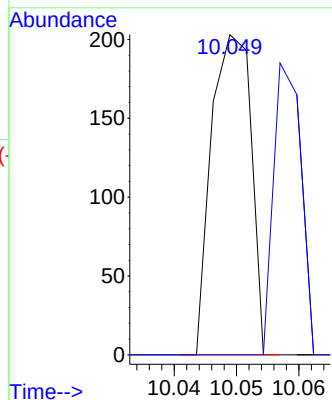
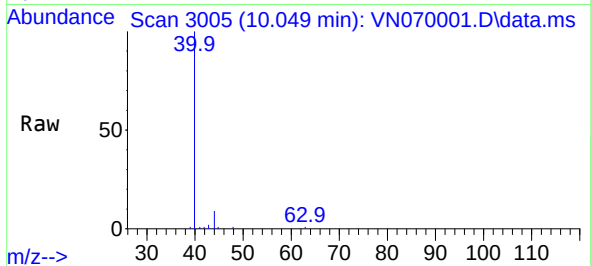




#58
2-Chloroethyl Vinyl ether
Concen: 18.401 ug/l
RT: 10.049 min Scan# 3003
Delta R.T. 0.006 min
Lab File: VN070001.D
Acq: 11 Dec 2021 11:51

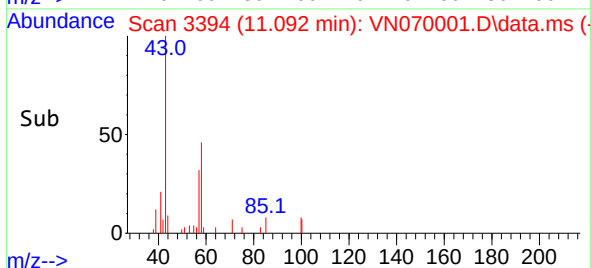
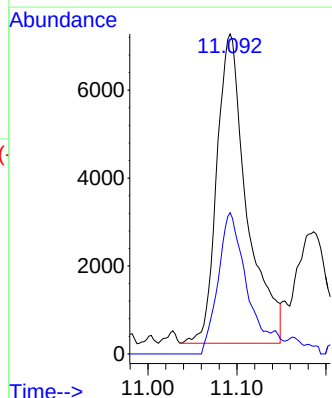
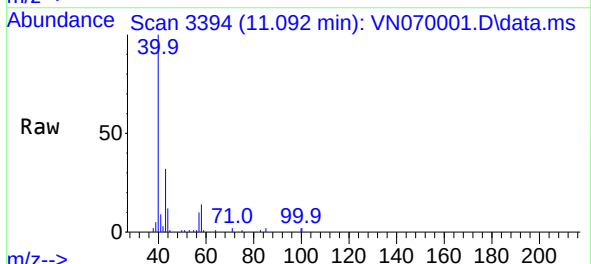
Instrument :
MSVOA_N
ClientSampleId :

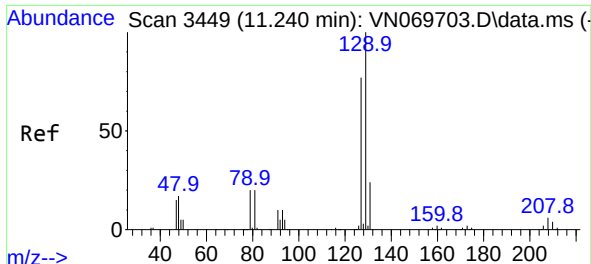
Tgt Ion: 63 Resp: 90
Ion Ratio Lower Upper
63 100
106 62.2 23.9 35.9#



#59
2-Hexanone
Concen: 0.842 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN070001.D
Acq: 11 Dec 2021 11:51

Tgt Ion: 43 Resp: 16488
Ion Ratio Lower Upper
43 100
58 42.7 26.9 80.7

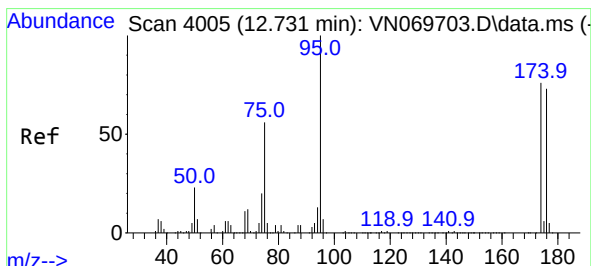
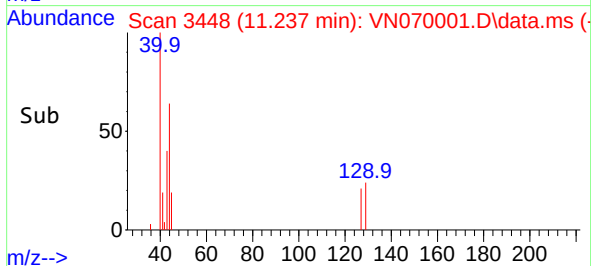
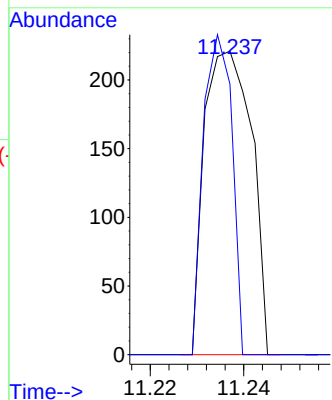
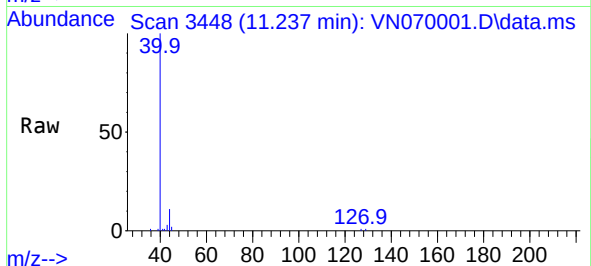




#60
Dibromochloromethane
Concen: 2.386 ug/l
RT: 11.237 min Scan# 3449
Delta R.T. -0.003 min
Lab File: VN070001.D
Acq: 11 Dec 2021 11:51

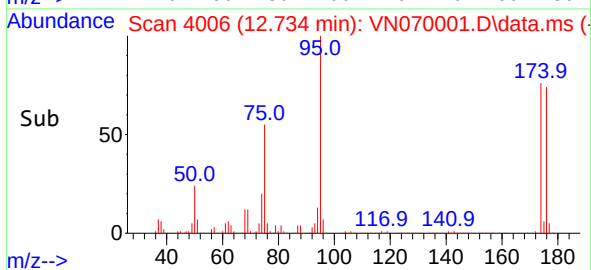
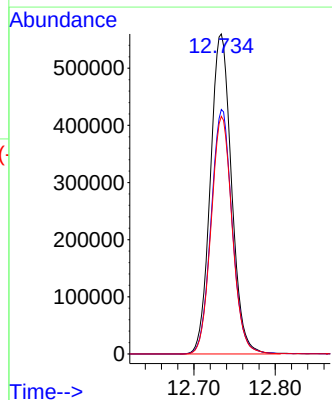
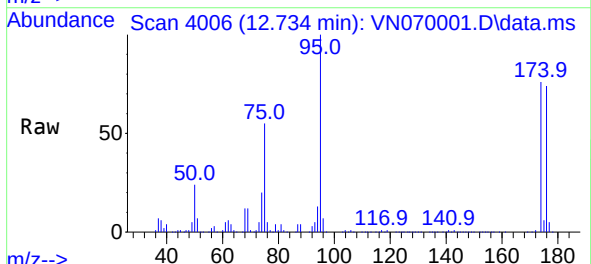
Instrument :
MSVOA_N
ClientSampleId :

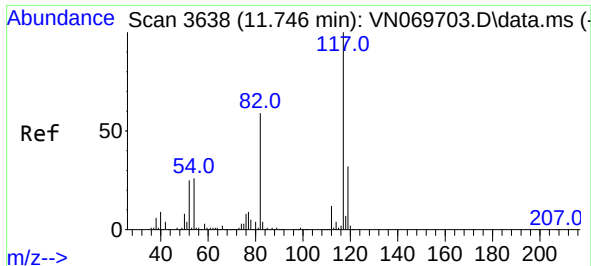
Tgt Ion:129 Resp: 155
Ion Ratio Lower Upper
129 100
127 63.9 38.6 116.0



#62
4-Bromofluorobenzene
Concen: 58.364 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN070001.D
Acq: 11 Dec 2021 11:51

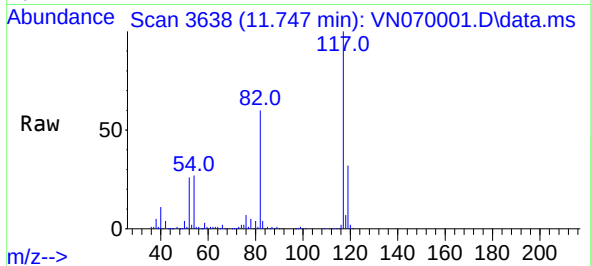
Tgt Ion: 95 Resp: 1011469
Ion Ratio Lower Upper
95 100
174 76.3 0.0 187.2
176 74.0 0.0 181.4





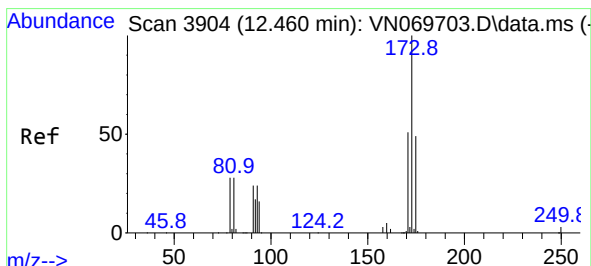
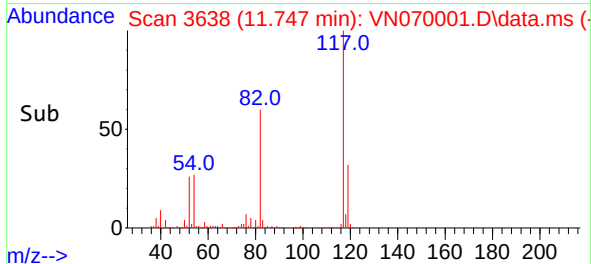
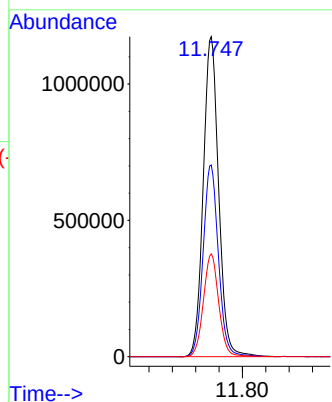
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 30
Delta R.T. 0.001 min
Lab File: VN070001.D
Acq: 11 Dec 2021 11:51

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:117 Resp: 2148427

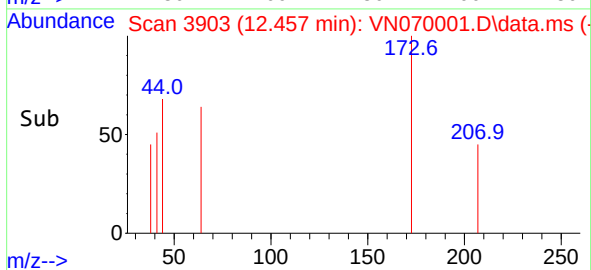
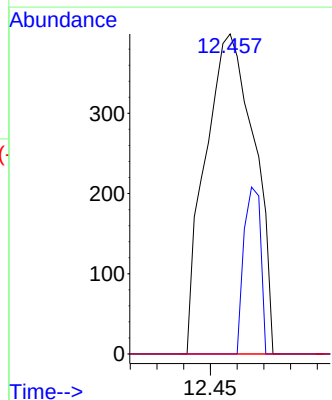
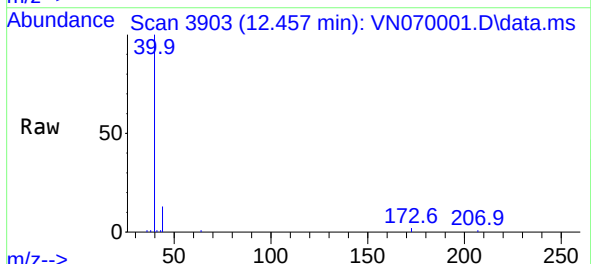
Ion	Ratio	Lower	Upper
117	100		
82	59.9	42.4	63.6
119	32.1	25.4	38.2

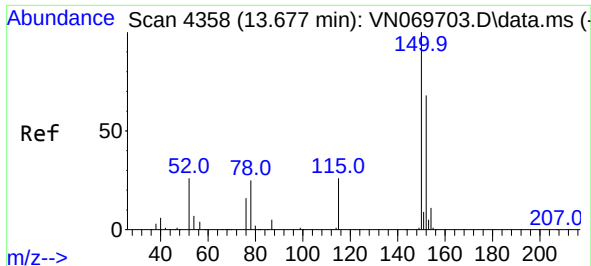


#71
Bromoform
Concen: 2.767 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN070001.D
Acq: 11 Dec 2021 11:51

Tgt Ion:173 Resp: 508

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

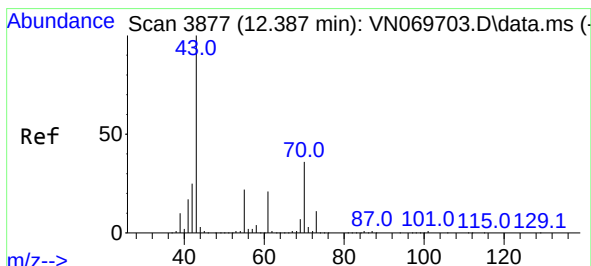
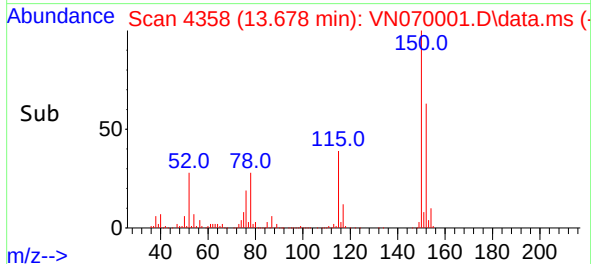
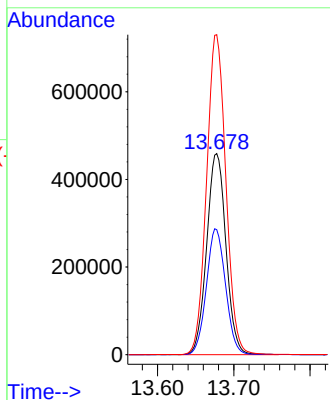
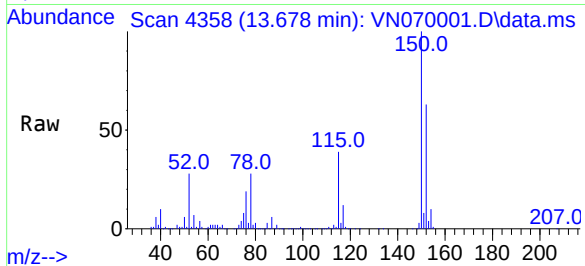




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070001.D
Acq: 11 Dec 2021 11:51

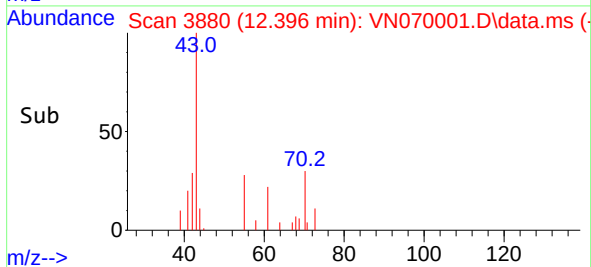
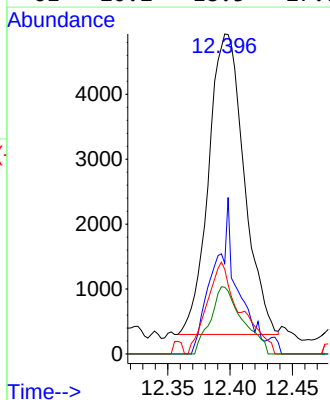
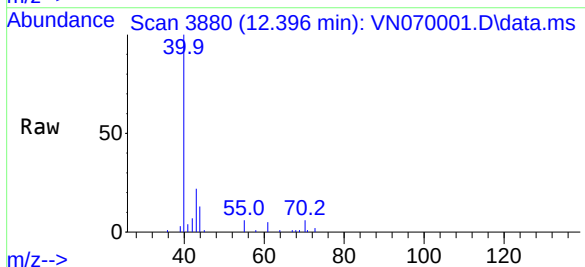
Instrument :
MSVOA_N
ClientSampleId :

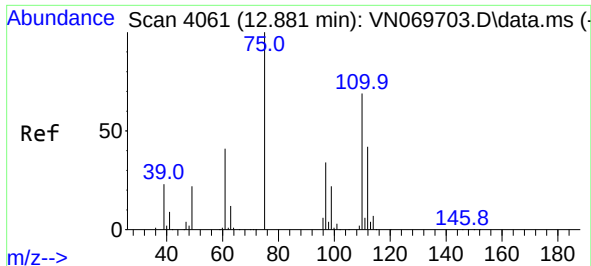
Tgt Ion:152 Resp: 806451
Ion Ratio Lower Upper
152 100
115 62.4 27.5 82.5
150 159.0 0.0 344.4



#74
N-ethyl acetate
Concen: 0.289 ug/l
RT: 12.396 min Scan# 3880
Delta R.T. 0.008 min
Lab File: VN070001.D
Acq: 11 Dec 2021 11:51

Tgt Ion: 43 Resp: 9164
Ion Ratio Lower Upper
43 100
70 34.5 33.4 50.0
55 28.7 19.3 28.9
61 20.2 18.5 27.7

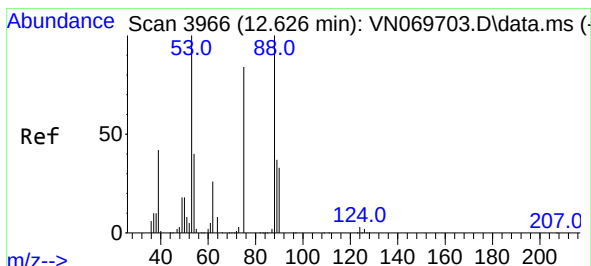
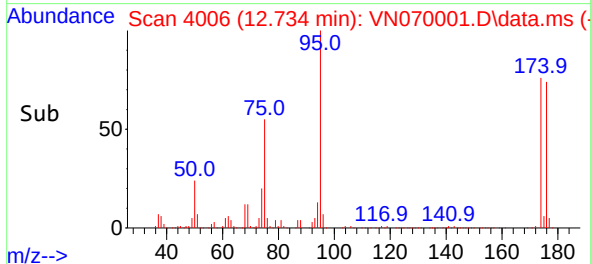
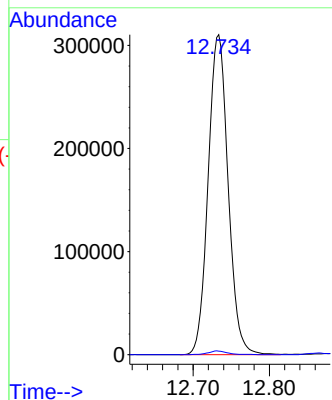
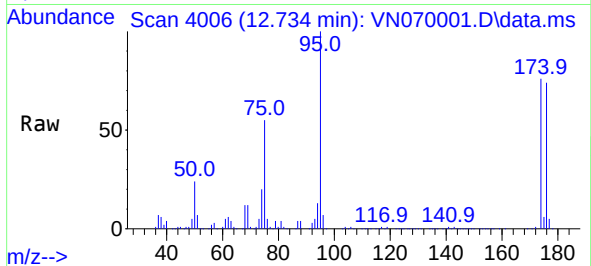




#76
1,2,3-Trichloropropane
Concen: 24.391 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN070001.D
Acq: 11 Dec 2021 11:51

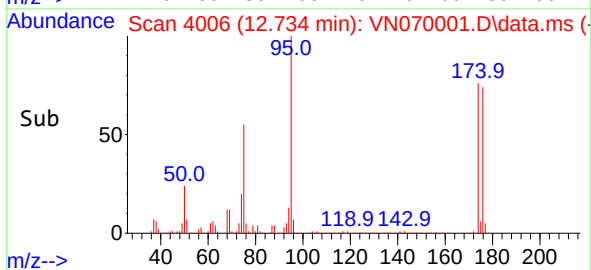
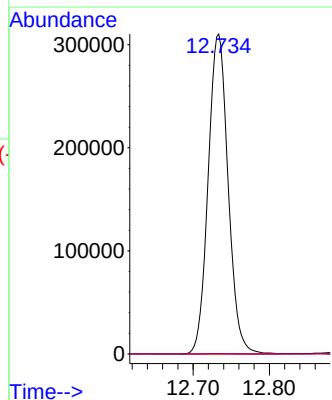
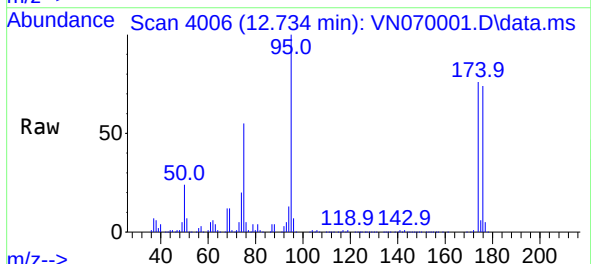
Instrument :
MSVOA_N
ClientSampleId :

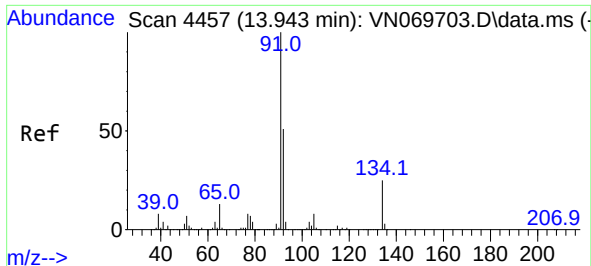
Tgt Ion: 75 Resp: 564090
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.405 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.108 min
Lab File: VN070001.D
Acq: 11 Dec 2021 11:51

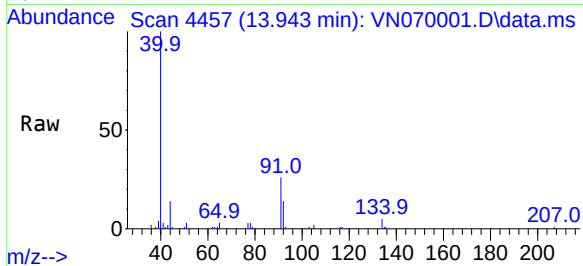
Tgt Ion: 75 Resp: 564090
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



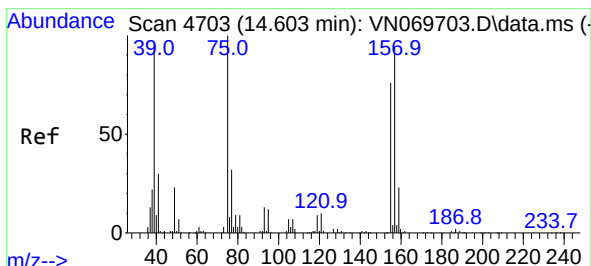
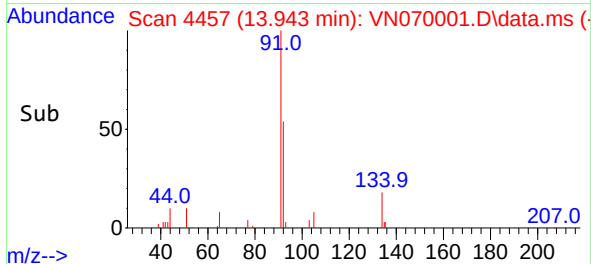
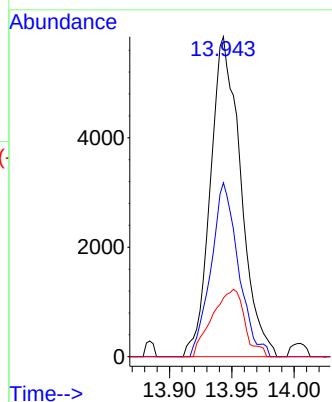


#89
n-Butylbenzene
Concen: 0.225 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070001.D
Acq: 11 Dec 2021 11:51

Instrument :
MSVOA_N
ClientSampleId :

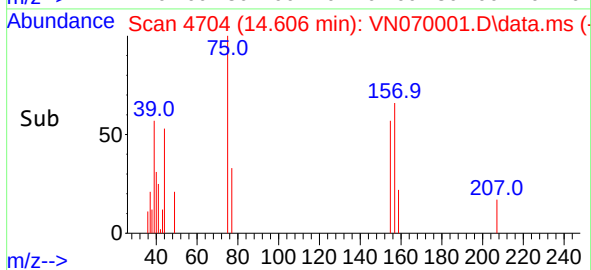
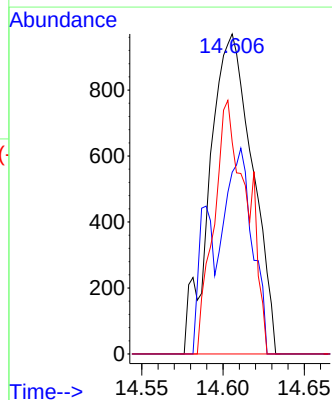
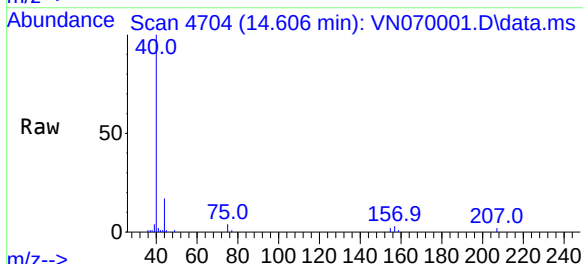


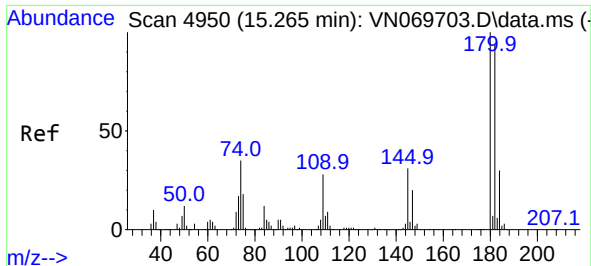
Tgt Ion: 91 Resp: 9891
Ion Ratio Lower Upper
91 100
92 49.2 25.4 76.0
134 22.6 13.6 40.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.394 ug/l
RT: 14.606 min Scan# 4704
Delta R.T. 0.003 min
Lab File: VN070001.D
Acq: 11 Dec 2021 11:51

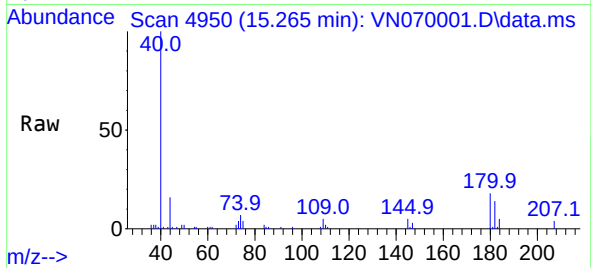
Tgt Ion: 75 Resp: 1768
Ion Ratio Lower Upper
75 100
155 42.3 46.9 140.7#
157 62.0 60.6 181.7



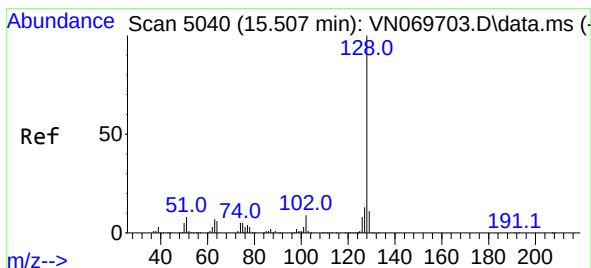
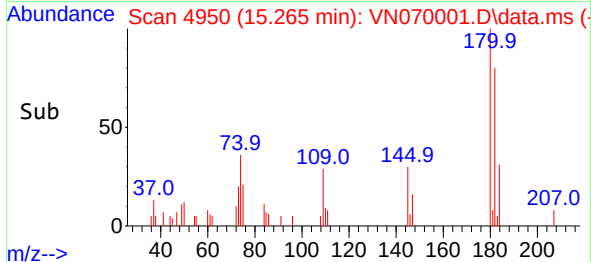
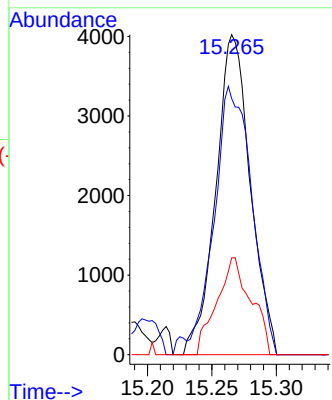


#93
1,2,4-Trichlorobenzene
Concen: 3.410 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN070001.D
Acq: 11 Dec 2021 11:51

Instrument :
MSVOA_N
ClientSampleId :

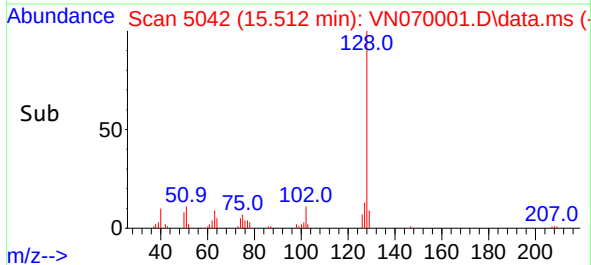
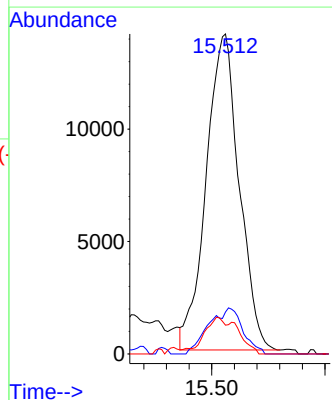
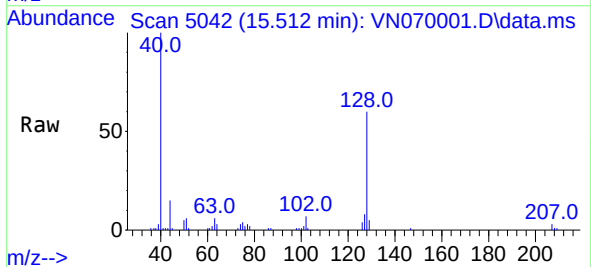


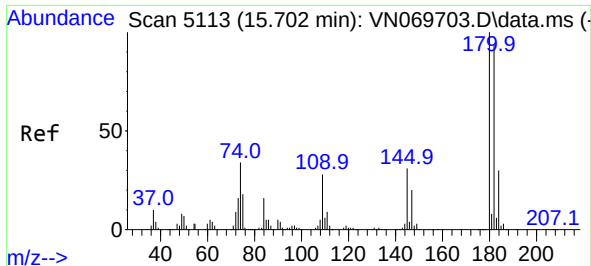
Tgt Ion:180 Resp: 7475
Ion Ratio Lower Upper
180 100
182 90.9 48.3 144.9
145 30.1 14.5 43.5



#95
Naphthalene
Concen: 4.648 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN070001.D
Acq: 11 Dec 2021 11:51

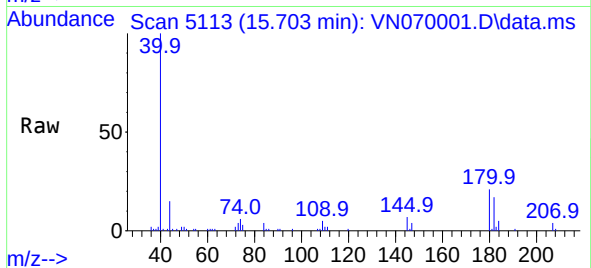
Tgt Ion:128 Resp: 28402
Ion Ratio Lower Upper
128 100
127 15.1 10.5 15.7
129 5.7 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.129 ug/l
 RT: 15.703 min Scan# 5113
 Delta R.T. 0.001 min
 Lab File: VN070001.D
 Acq: 11 Dec 2021 11:51

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	9395
Ion Ratio	Lower	Upper	
180	100		
182	89.5	47.4	142.2
145	30.3	15.0	45.1

