

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
 Data File : VN070144.D
 Acq On : 16 Dec 2021 17:57
 Operator : JC/MD
 Sample : M5011-21
 Misc : 5.39g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 16 18:58:35 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)

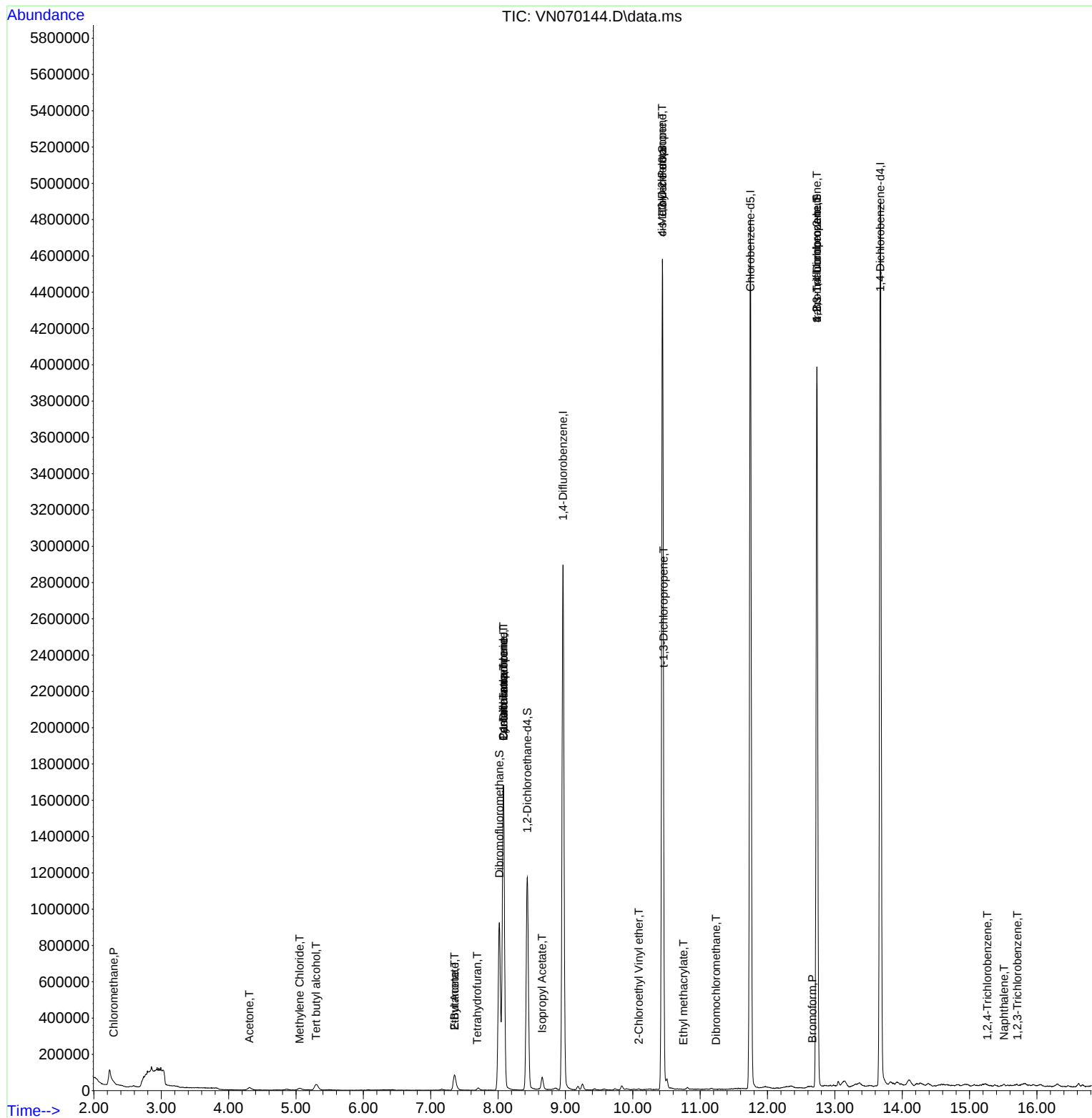
Internal Standards						
1) Pentafluorobenzene	8.080	168	1276328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2449483	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2609673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1268382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	1021710	51.846	ug/l	0.00
Spiked Amount 50.000	Range	61 - 141	Recovery	=	103.700%	
35) Dibromofluoromethane	8.019	113	668950	43.600	ug/l	0.00
Spiked Amount 50.000	Range	69 - 133	Recovery	=	87.200%	
50) Toluene-d8	10.440	98	3112106	50.515	ug/l	0.00
Spiked Amount 50.000	Range	65 - 126	Recovery	=	101.040%	
62) 4-Bromofluorobenzene	12.734	95	1355626	60.739	ug/l	0.00
Spiked Amount 50.000	Range	58 - 135	Recovery	=	121.480%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.293	50	3750	0.201	ug/l #	83
11) Tert butyl alcohol	5.299	59	36135	9.701	ug/l #	72
16) Acetone	4.307	43	11448	0.966	ug/l	94
20) Methylene Chloride	5.055	84	6321	0.401	ug/l #	89
25) 2-Butanone	7.354	43	163847	10.173	ug/l	92
29) Tetrahydrofuran	7.691	42	2843	0.291	ug/l #	43
31) Cyclohexane	8.080	56	30327	1.106	ug/l #	14
36) 1,1-Dichloropropene	8.078	75	107773	4.622	ug/l #	49
37) Ethyl Acetate	7.354	43	163847	4.721	ug/l #	68
38) Carbon Tetrachloride	8.078	117	127473	5.575	ug/l #	16
43) Isopropyl Acetate	8.652	43	33280	0.648	ug/l #	55
51) 4-Methyl-2-Pentanone	10.438	43	16561	0.497	ug/l #	1
53) t-1,3-Dichloropropene	10.457	75	144	2.799	ug/l #	1
54) cis-1,3-Dichloropropene	10.438	75	715	2.022	ug/l #	1
56) Ethyl methacrylate	10.752	69	131	2.283	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.092	63	51	18.394	ug/l #	45
60) Dibromochloromethane	11.237	129	26	2.378	ug/l #	11
71) Bromoform	12.667	173	312	2.749	ug/l #	29
76) 1,2,3-Trichloropropane	12.734	75	749154	20.596	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.734	75	749154	65.993	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.265	180	632	2.907	ug/l #	53
95) Naphthalene	15.509	128	9400	4.125	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.708	180	602	2.464	ug/l #	64

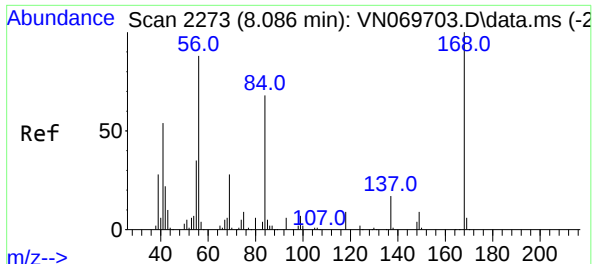
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
Data File : VN070144.D
Acq On : 16 Dec 2021 17:57
Operator : JC/MD
Sample : M5011-21
Misc : 5.39g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

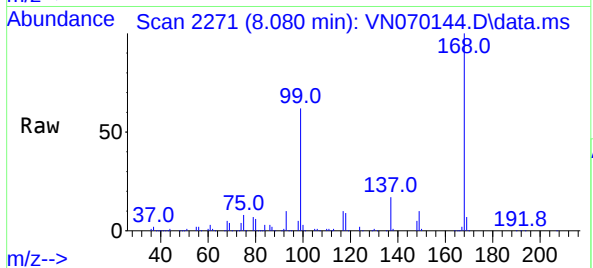
Quant Time: Dec 16 18:58:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration



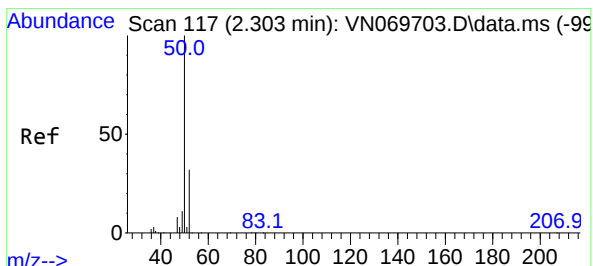
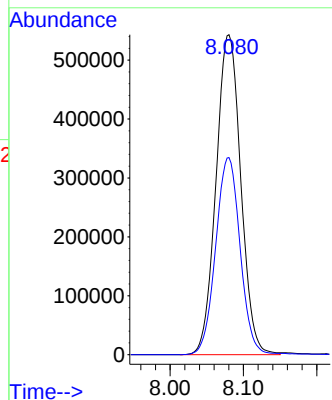
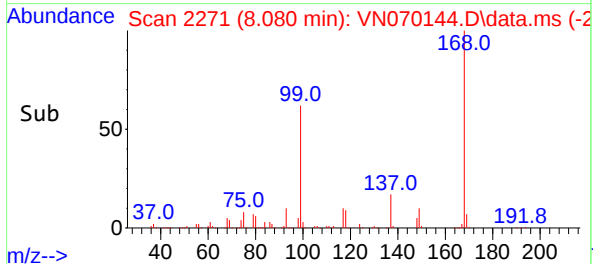


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070144.D
Acq: 16 Dec 2021 17:57

Instrument :
MSVOA_N
ClientSampleId :

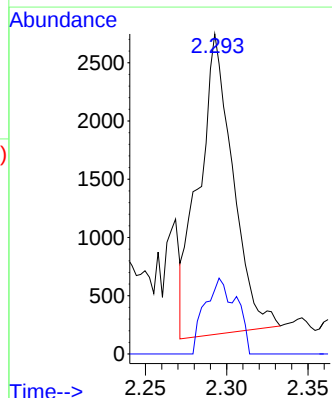
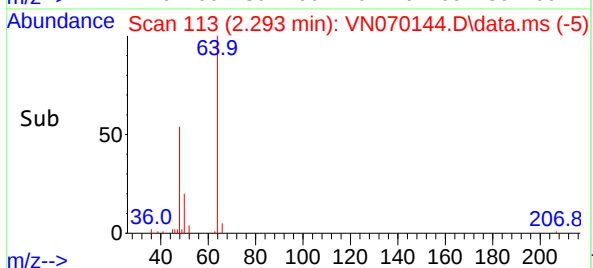
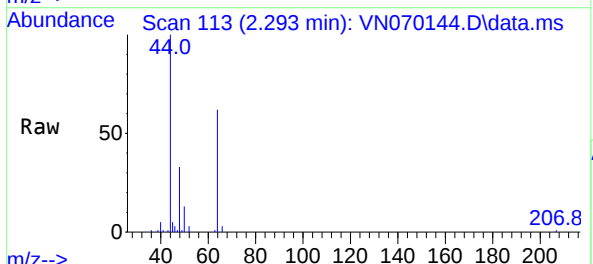


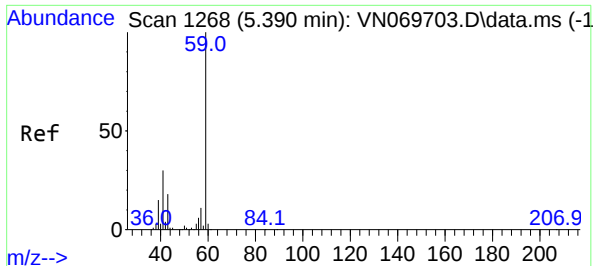
Tgt Ion:168 Resp: 1276328
Ion Ratio Lower Upper
168 100
99 61.6 41.3 61.9



#3
Chloromethane
Concen: 0.201 ug/l
RT: 2.293 min Scan# 113
Delta R.T. -0.011 min
Lab File: VN070144.D
Acq: 16 Dec 2021 17:57

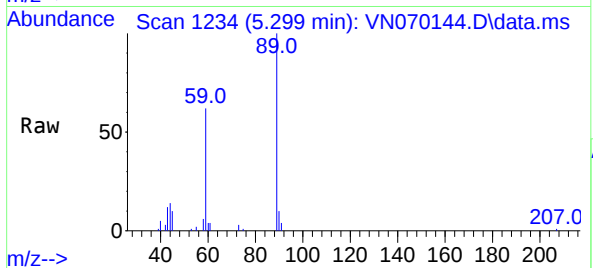
Tgt Ion: 50 Resp: 3750
Ion Ratio Lower Upper
50 100
52 22.0 25.4 38.0#



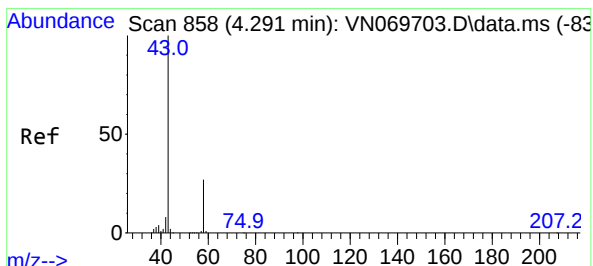
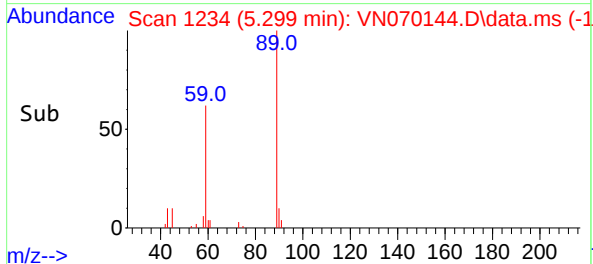
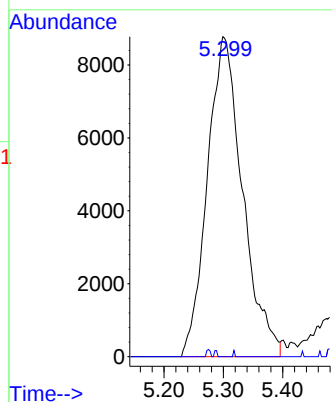


#11
Tert butyl alcohol
Concen: 9.701 ug/l
RT: 5.299 min Scan# 11
Delta R.T. -0.091 min
Lab File: VN070144.D
Acq: 16 Dec 2021 17:57

Instrument :
MSVOA_N
ClientSampleId :

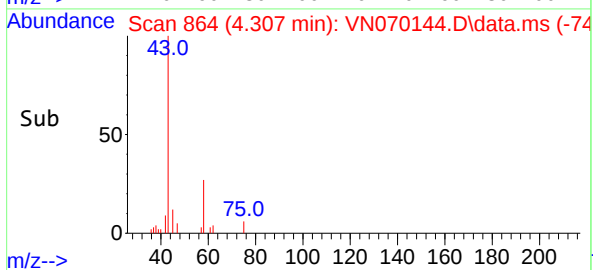
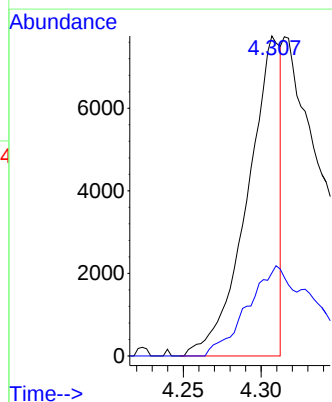
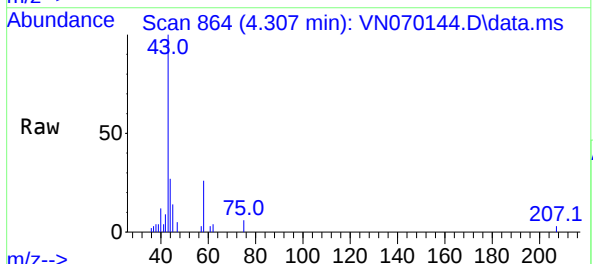


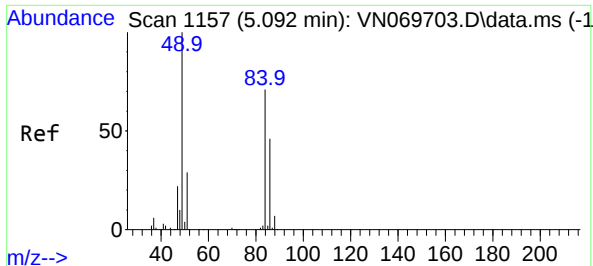
Tgt Ion: 59 Resp: 36135
Ion Ratio Lower Upper
59 100
57 0.1 8.7 13.1#



#16
Acetone
Concen: 0.966 ug/l
RT: 4.307 min Scan# 864
Delta R.T. 0.016 min
Lab File: VN070144.D
Acq: 16 Dec 2021 17:57

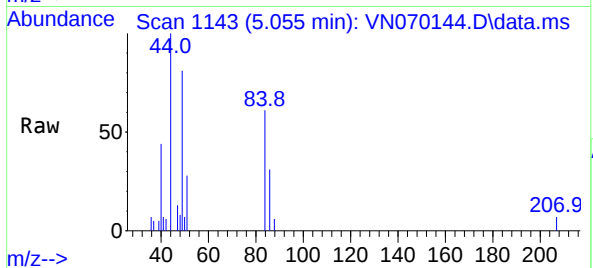
Tgt Ion: 43 Resp: 11448
Ion Ratio Lower Upper
43 100
58 26.0 23.1 34.7



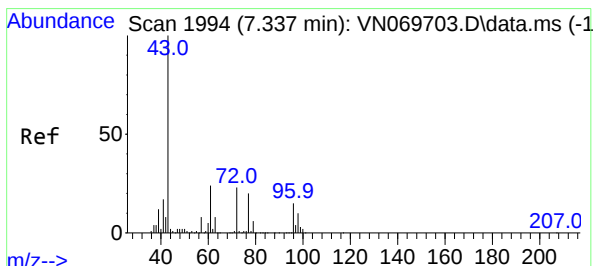
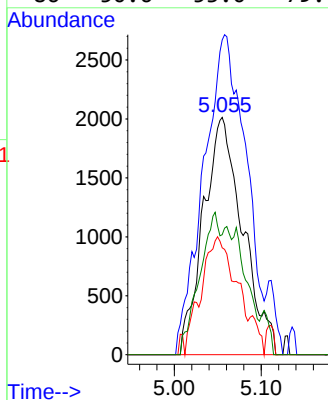
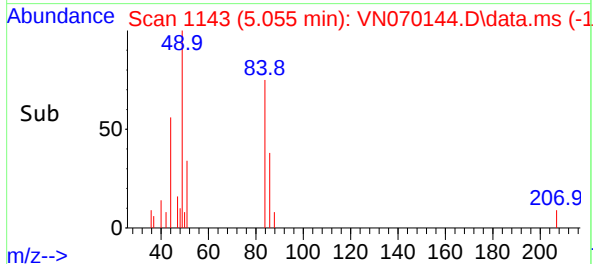


#20
Methylene Chloride
Concen: 0.401 ug/l
RT: 5.055 min Scan# 1157
Delta R.T. -0.037 min
Lab File: VN070144.D
Acq: 16 Dec 2021 17:57

Instrument :
MSVOA_N
ClientSampleId :

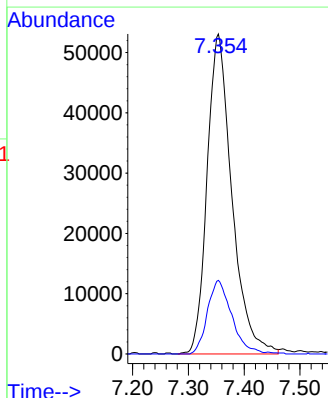
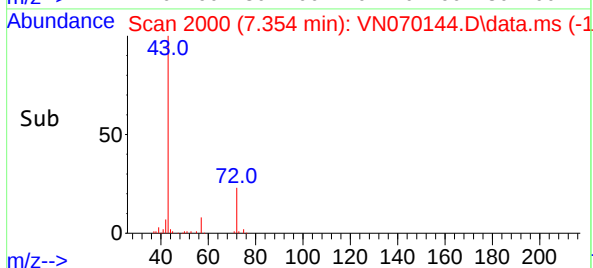
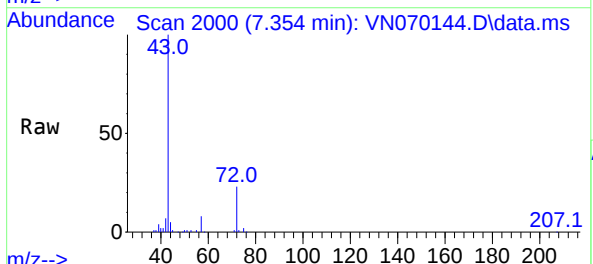


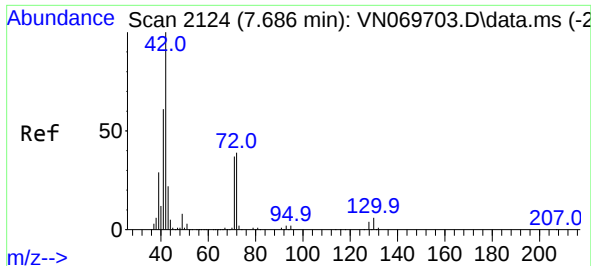
Tgt Ion: 84 Resp: 6321
Ion Ratio Lower Upper
84 100
49 123.4 93.5 140.3
51 45.0 29.4 44.2#
86 50.6 53.0 79.4#



#25
2-Butanone
Concen: 10.173 ug/l
RT: 7.354 min Scan# 2000
Delta R.T. 0.016 min
Lab File: VN070144.D
Acq: 16 Dec 2021 17:57

Tgt Ion: 43 Resp: 163847
Ion Ratio Lower Upper
43 100
72 23.0 21.7 32.5





#29

Tetrahydrofuran

Concen: 0.291 ug/l

RT: 7.691 min Scan# 2124

Delta R.T. 0.006 min

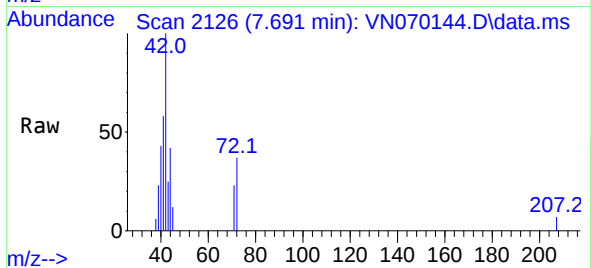
Lab File: VN070144.D

Acq: 16 Dec 2021 17:57

Instrument :

MSVOA_N

ClientSampleId :



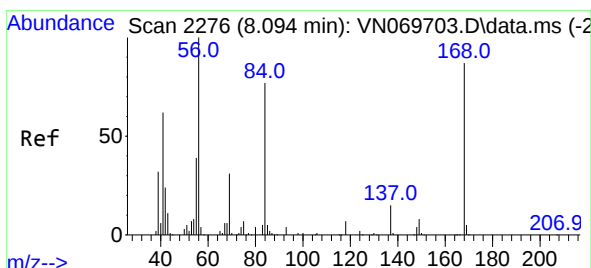
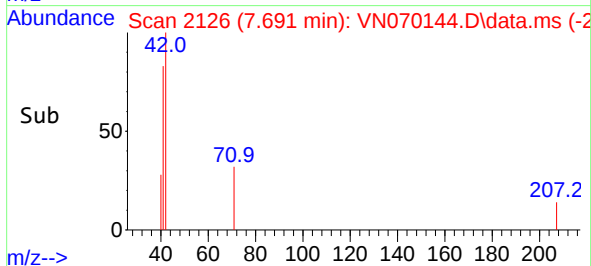
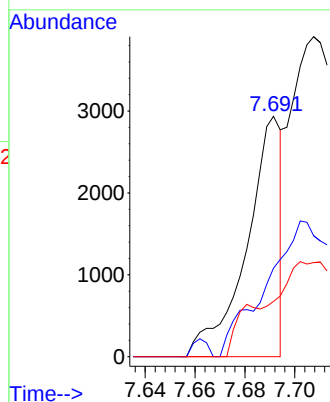
Tgt Ion: 42 Resp: 2843

Ion Ratio Lower Upper

42 100

72 0.0 36.3 54.5#

71 15.3 34.7 52.1#



#31

Cyclohexane

Concen: 1.106 ug/l

RT: 8.080 min Scan# 2271

Delta R.T. -0.013 min

Lab File: VN070144.D

Acq: 16 Dec 2021 17:57

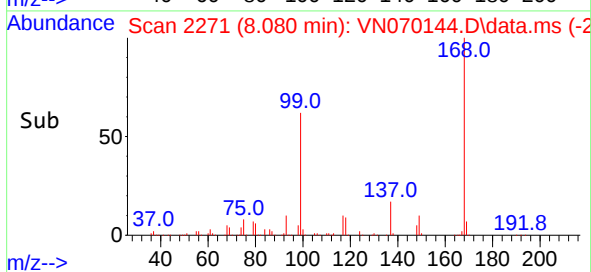
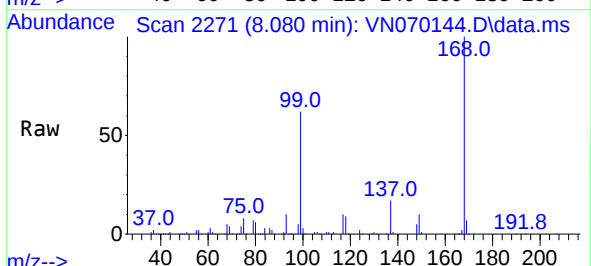
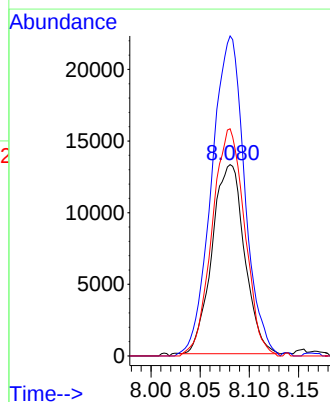
Tgt Ion: 56 Resp: 30327

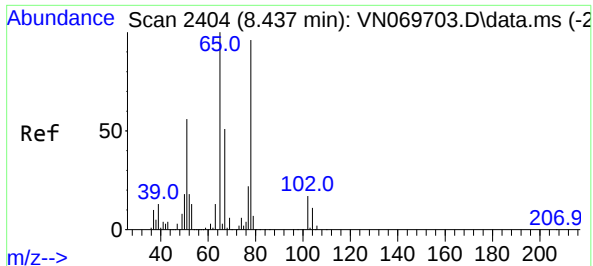
Ion Ratio Lower Upper

56 100

69 169.1 27.1 40.7#

84 120.1 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 51.846 ug/l

RT: 8.434 min Scan# 24

Delta R.T. -0.002 min

Lab File: VN070144.D

Acq: 16 Dec 2021 17:57

Instrument :

MSVOA_N

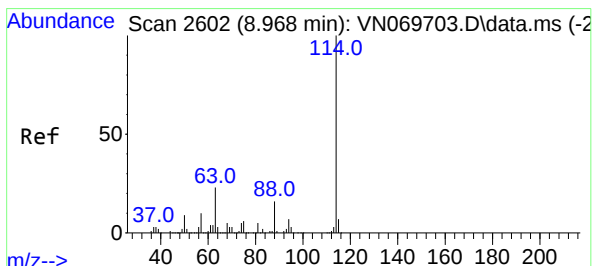
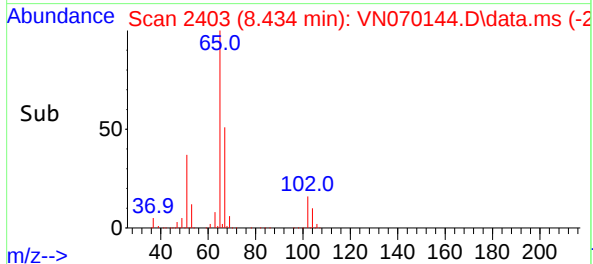
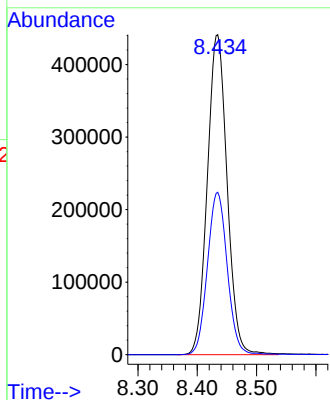
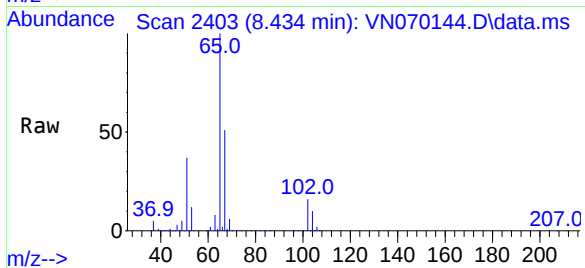
ClientSampleId :

Tgt Ion: 65 Resp: 1021710

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070144.D

Acq: 16 Dec 2021 17:57

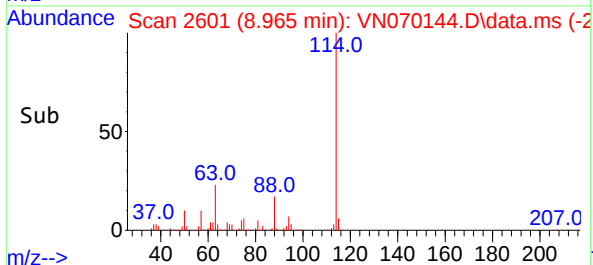
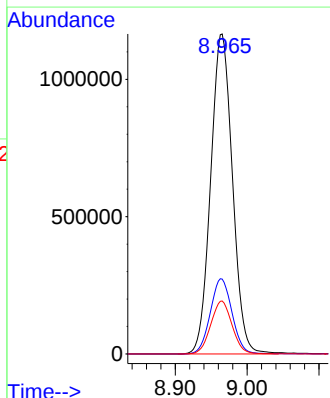
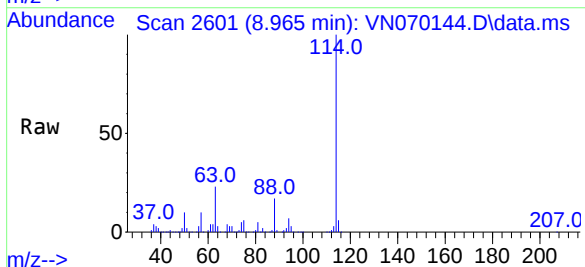
Tgt Ion:114 Resp: 2449483

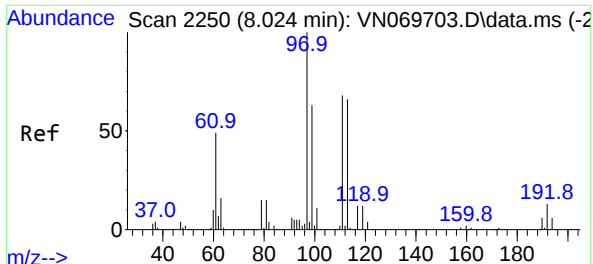
Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

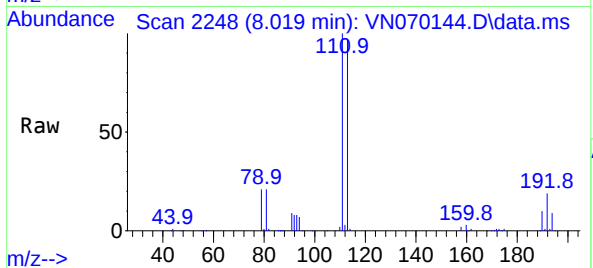
88 16.6 0.0 27.4



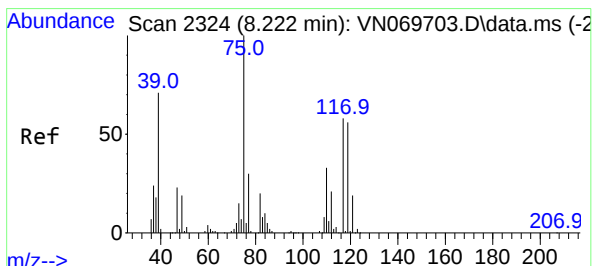
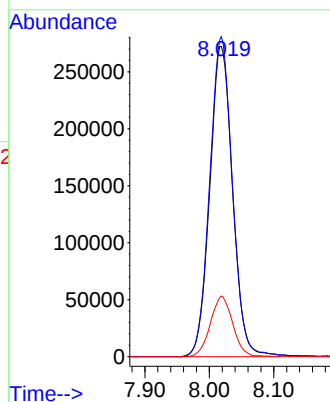
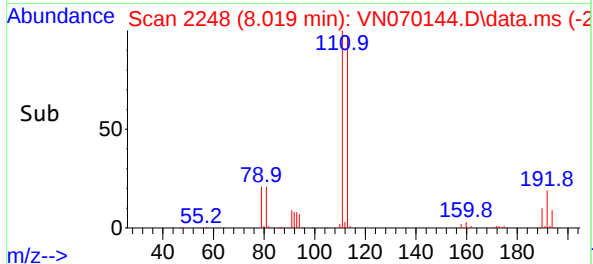


#35
Dibromofluoromethane
Concen: 43.600 ug/l
RT: 8.019 min Scan# 211
Delta R.T. -0.005 min
Lab File: VN070144.D
Acq: 16 Dec 2021 17:57

Instrument :
MSVOA_N
ClientSampleId :

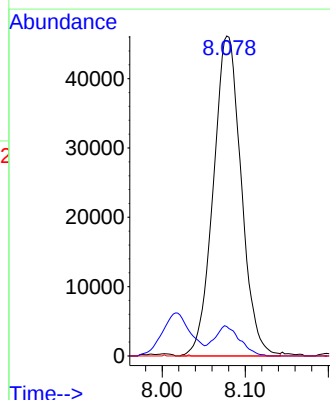
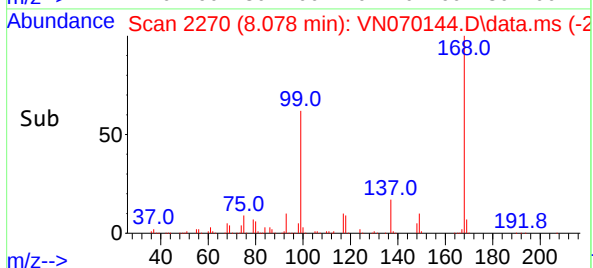
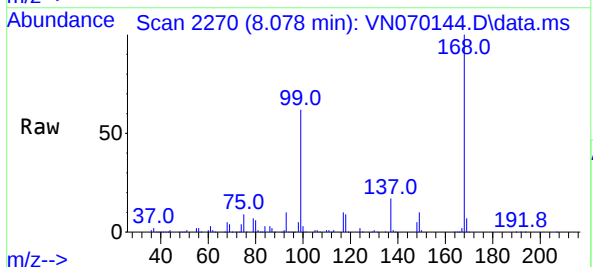


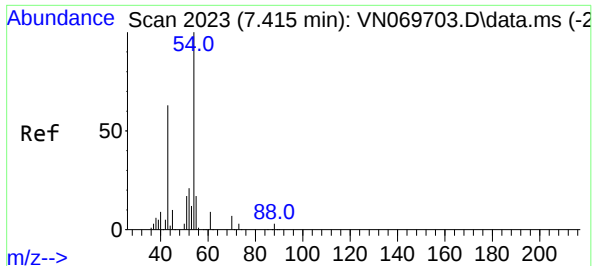
Tgt Ion:113 Resp: 668950
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 19.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.622 ug/l
RT: 8.078 min Scan# 2270
Delta R.T. -0.145 min
Lab File: VN070144.D
Acq: 16 Dec 2021 17:57

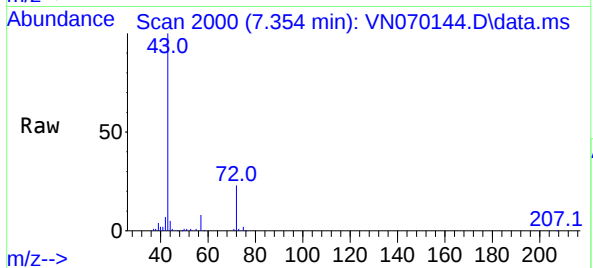
Tgt Ion: 75 Resp: 107773
Ion Ratio Lower Upper
75 100
110 8.5 18.4 55.2#
77 0.0 24.4 36.6#



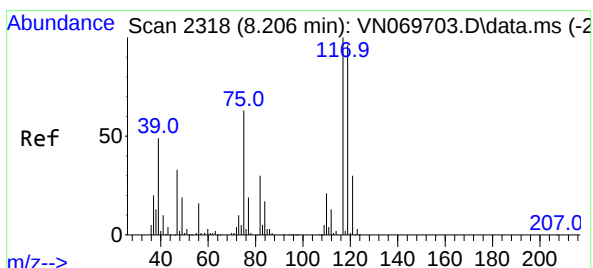
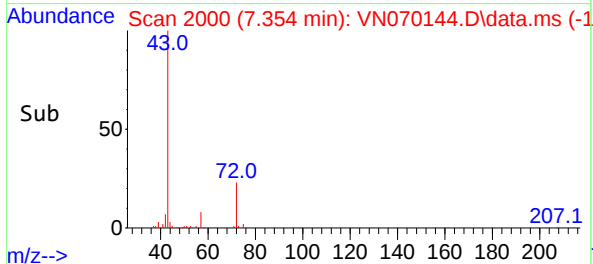
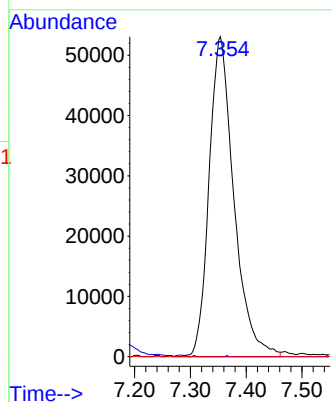


#37
Ethyl Acetate
Concen: 4.721 ug/l
RT: 7.354 min Scan# 20
Delta R.T. -0.061 min
Lab File: VN070144.D
Acq: 16 Dec 2021 17:57

Instrument :
MSVOA_N
ClientSampleId :

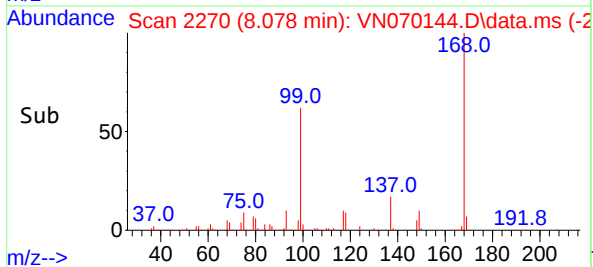
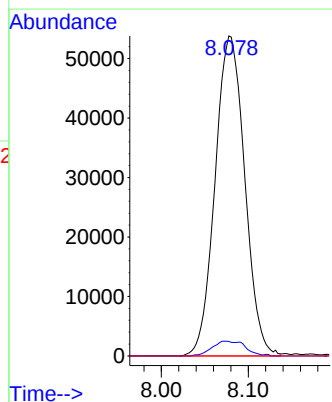
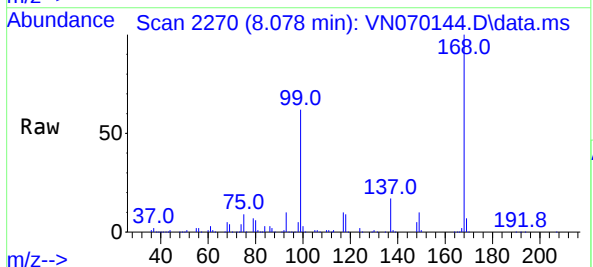


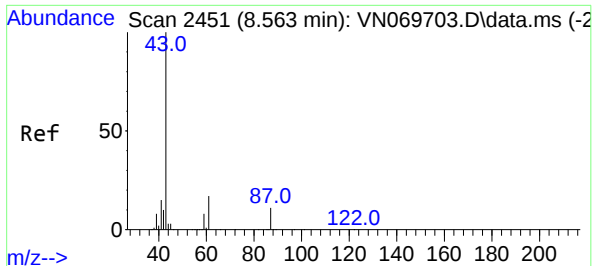
Tgt Ion: 43 Resp: 163847
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 5.575 ug/l
RT: 8.078 min Scan# 2270
Delta R.T. -0.129 min
Lab File: VN070144.D
Acq: 16 Dec 2021 17:57

Tgt Ion: 117 Resp: 127473
Ion Ratio Lower Upper
117 100
119 4.5 76.1 114.1#
121 0.0 24.2 36.2#





#43

Isopropyl Acetate

Concen: 0.648 ug/l

RT: 8.652 min Scan# 2451

Delta R.T. 0.089 min

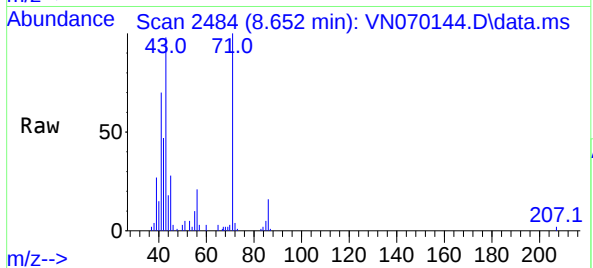
Lab File: VN070144.D

Acq: 16 Dec 2021 17:57

Instrument :

MSVOA_N

ClientSampleId :



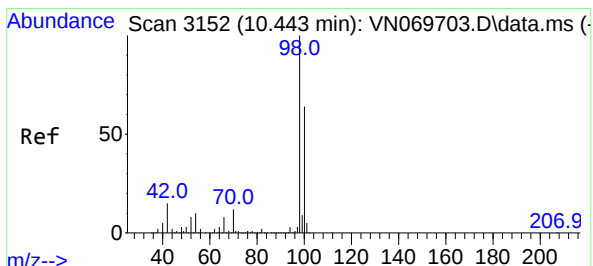
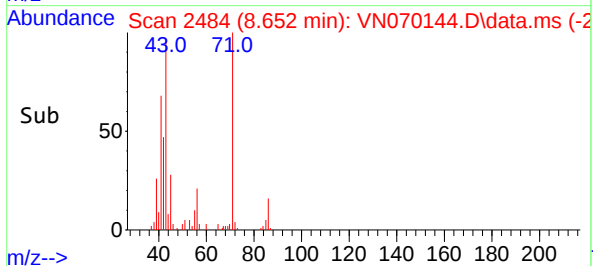
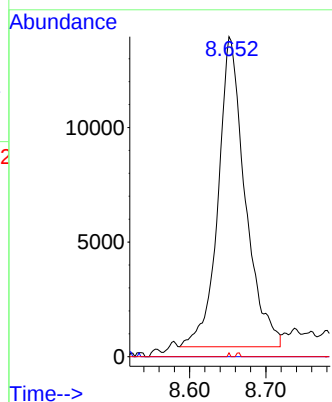
Tgt Ion: 43 Resp: 33280

Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

87 0.1 11.2 16.8#



#50

Toluene-d8

Concen: 50.515 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.002 min

Lab File: VN070144.D

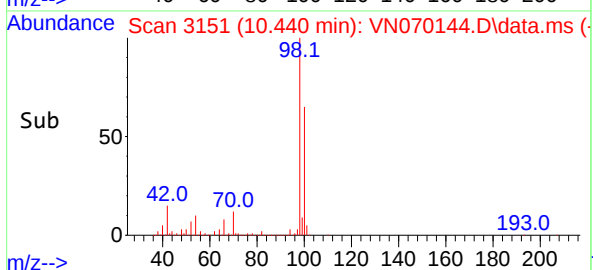
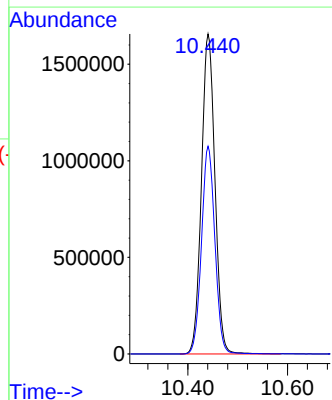
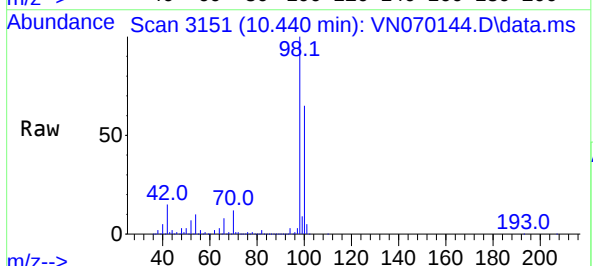
Acq: 16 Dec 2021 17:57

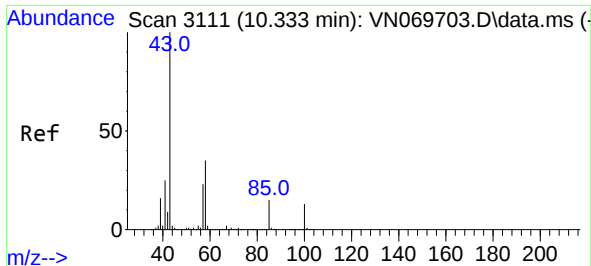
Tgt Ion: 98 Resp: 3112106

Ion Ratio Lower Upper

98 100

100 64.4 50.4 75.6

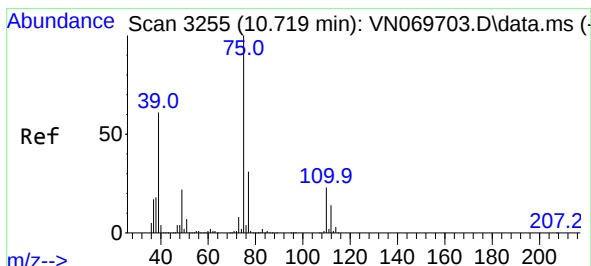
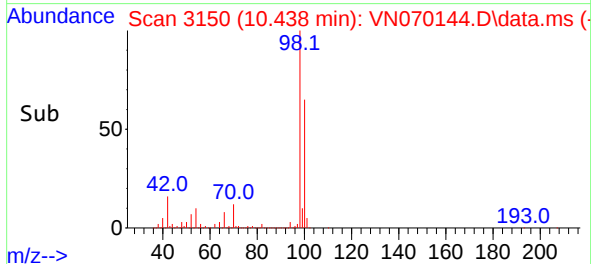
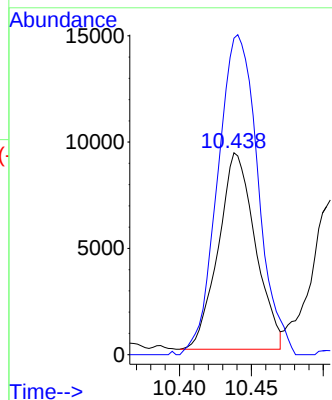
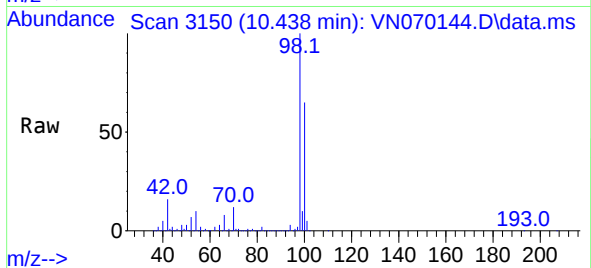




#51
4-Methyl-2-Pentanone
Concen: 0.497 ug/l
RT: 10.438 min Scan# 3111
Delta R.T. 0.105 min
Lab File: VN070144.D
Acq: 16 Dec 2021 17:57

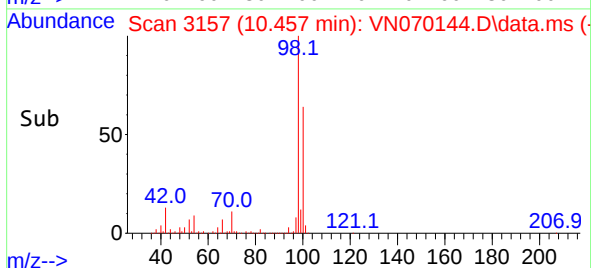
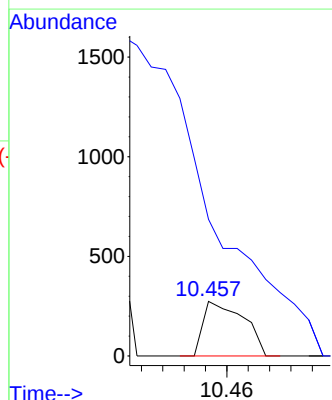
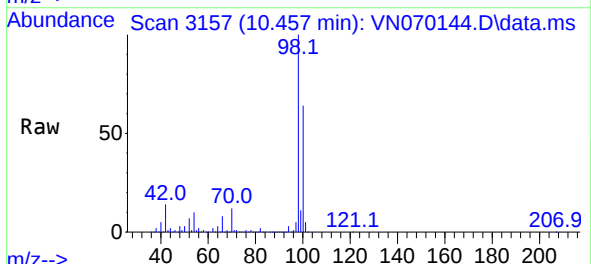
Instrument :
MSVOA_N
ClientSampleId :

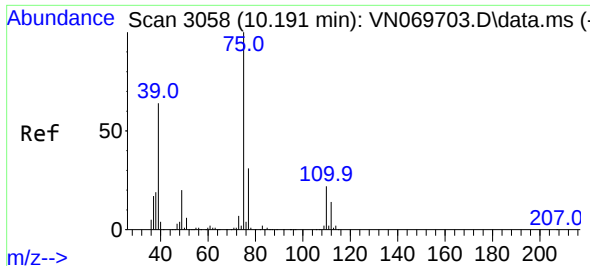
Tgt Ion: 43 Resp: 16561
Ion Ratio Lower Upper
43 100
58 177.6 30.4 45.6#



#53
t-1,3-Dichloropropene
Concen: 2.799 ug/l
RT: 10.457 min Scan# 3157
Delta R.T. -0.262 min
Lab File: VN070144.D
Acq: 16 Dec 2021 17:57

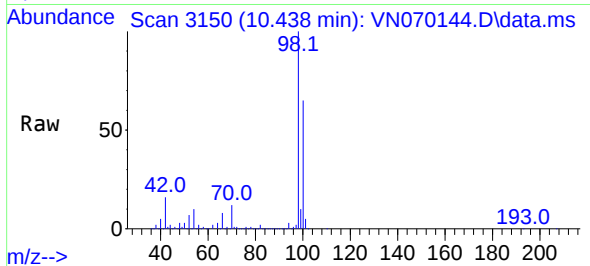
Tgt Ion: 75 Resp: 144
Ion Ratio Lower Upper
75 100
77 134.3 25.6 38.4#



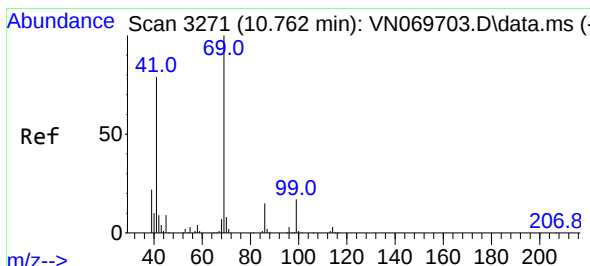
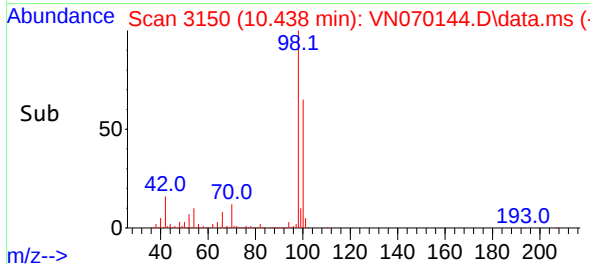
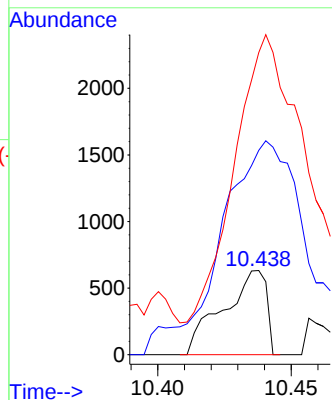


#54
 cis-1,3-Dichloropropene
 Concen: 2.022 ug/l
 RT: 10.438 min Scan# 3150
 Delta R.T. 0.247 min
 Lab File: VN070144.D
 Acq: 16 Dec 2021 17:57

Instrument :
 MSVOA_N
 ClientSampleId :

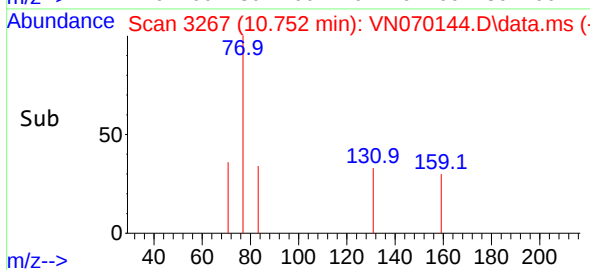
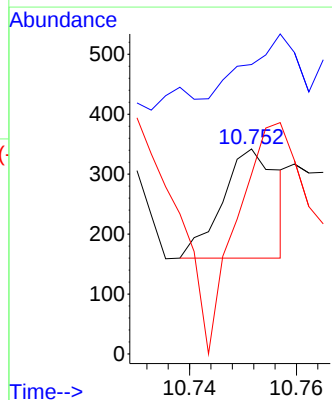
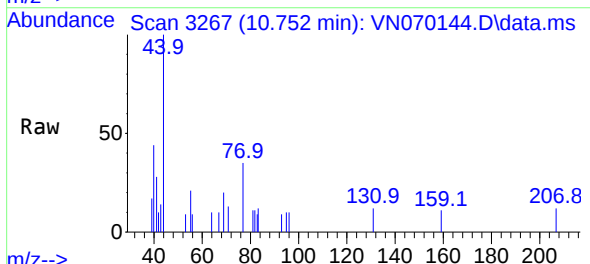


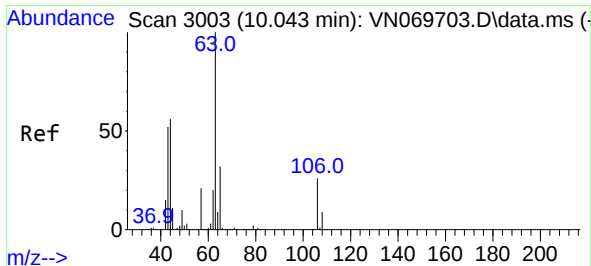
Tgt Ion: 75 Resp: 715
 Ion Ratio Lower Upper
 75 100
 77 209.7 26.4 39.6#
 39 321.2 42.5 63.7#



#56
 Ethyl methacrylate
 Concen: 2.283 ug/l
 RT: 10.752 min Scan# 3267
 Delta R.T. -0.010 min
 Lab File: VN070144.D
 Acq: 16 Dec 2021 17:57

Tgt Ion: 69 Resp: 131
 Ion Ratio Lower Upper
 69 100
 41 0.0 51.4 77.0#
 39 274.8 34.6 52.0#

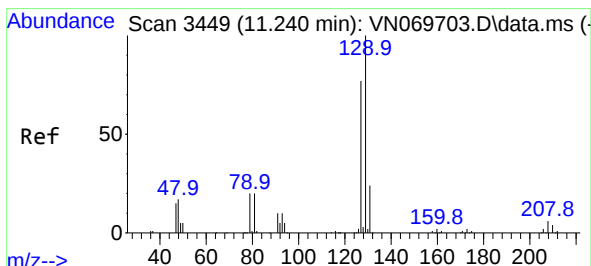
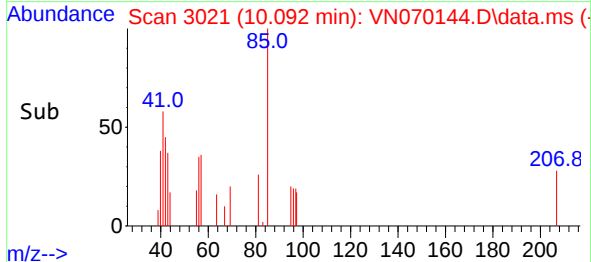
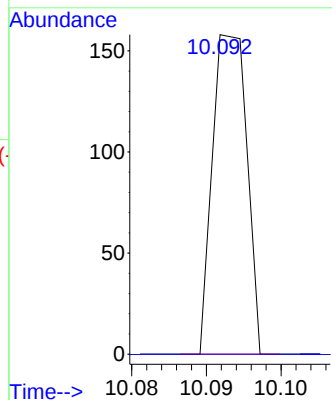
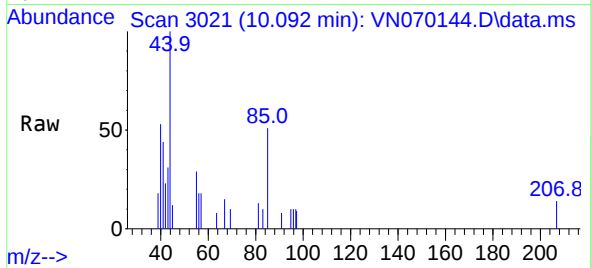




#58
2-Chloroethyl Vinyl ether
Concen: 18.394 ug/l
RT: 10.092 min Scan# 3003
Delta R.T. 0.049 min
Lab File: VN070144.D
Acq: 16 Dec 2021 17:57

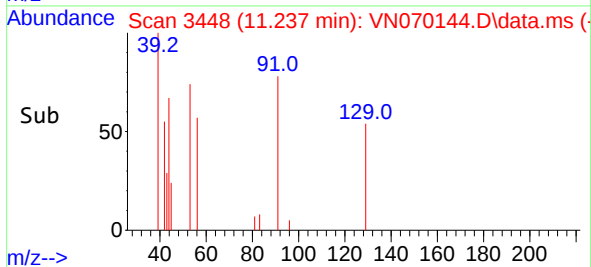
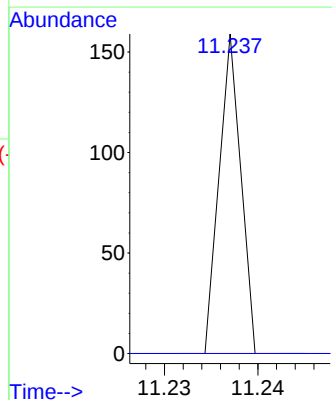
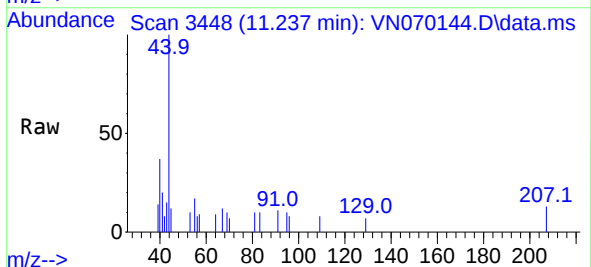
Instrument :
MSVOA_N
ClientSampleId :

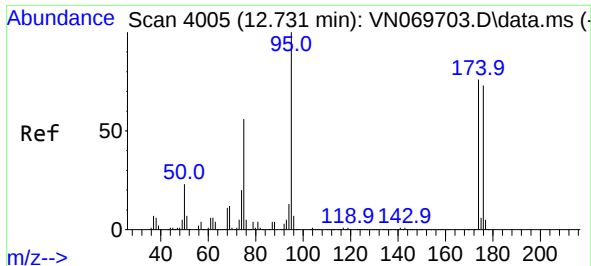
Tgt Ion: 63 Resp: 51
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#60
Dibromochloromethane
Concen: 2.378 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN070144.D
Acq: 16 Dec 2021 17:57

Tgt Ion: 129 Resp: 26
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

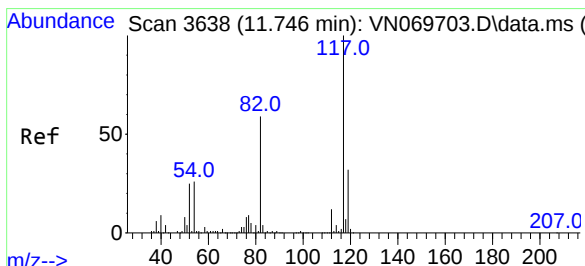
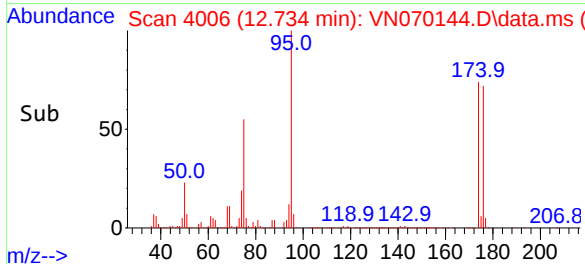
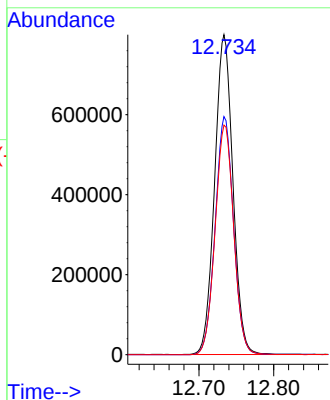
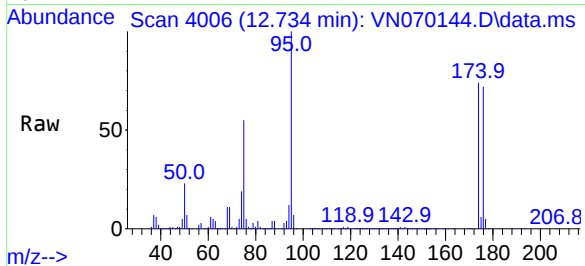




#62
4-Bromofluorobenzene
Concen: 60.739 ug/l
RT: 12.734 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070144.D
Acq: 16 Dec 2021 17:57

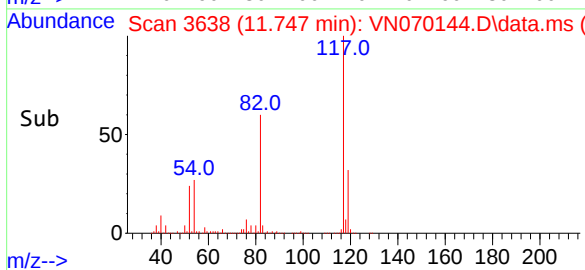
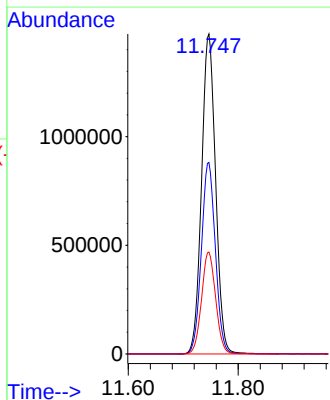
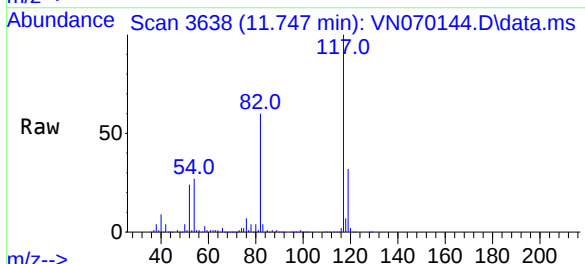
Instrument :
MSVOA_N
ClientSampleId :

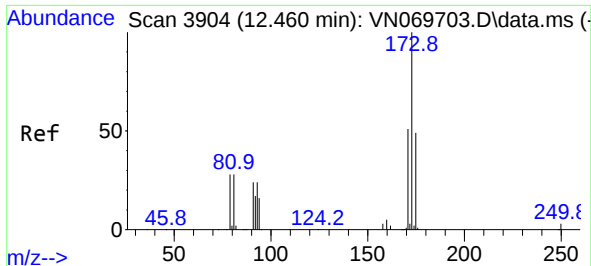
Tgt Ion: 95 Resp: 1355626
Ion Ratio Lower Upper
95 100
174 75.0 0.0 187.2
176 73.2 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN070144.D
Acq: 16 Dec 2021 17:57

Tgt Ion: 117 Resp: 2609673
Ion Ratio Lower Upper
117 100
82 59.8 42.4 63.6
119 31.8 25.4 38.2

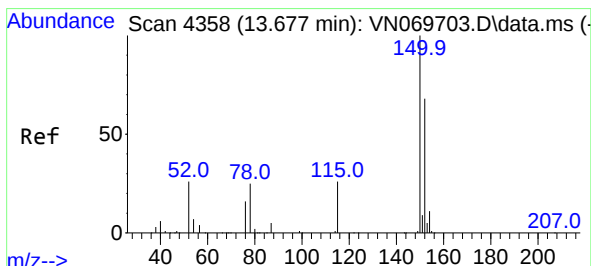
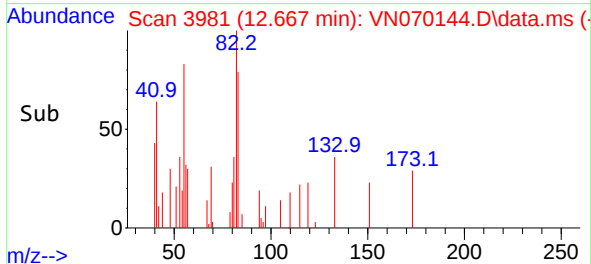
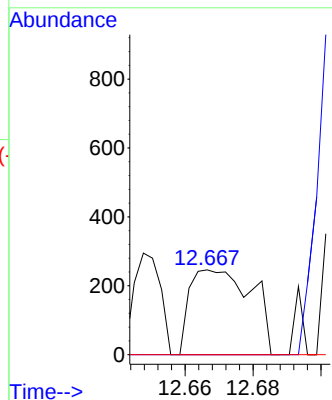
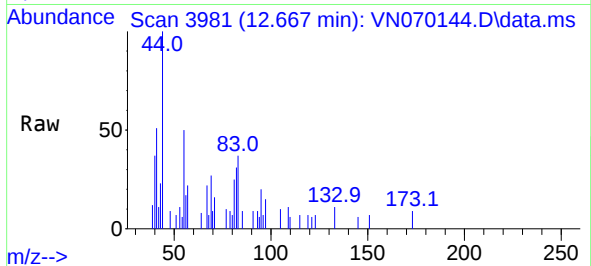




#71
Bromoform
Concen: 2.749 ug/l
RT: 12.667 min Scan# 3904
Delta R.T. 0.207 min
Lab File: VN070144.D
Acq: 16 Dec 2021 17:57

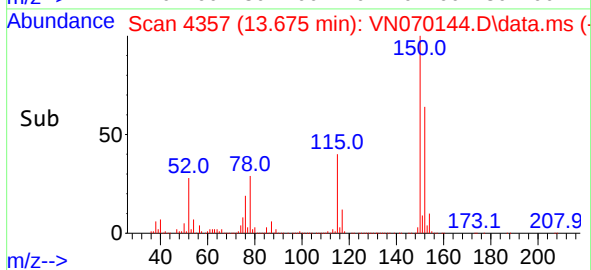
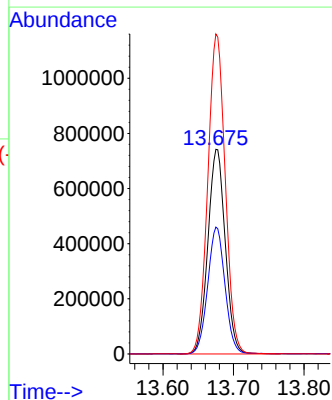
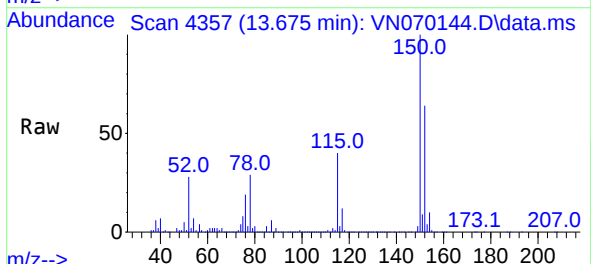
Instrument :
MSVOA_N
ClientSampleId :

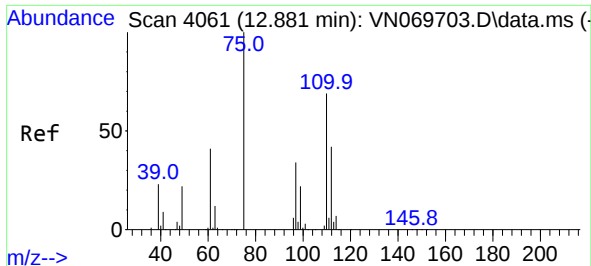
Tgt Ion:173 Resp: 312
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.002 min
Lab File: VN070144.D
Acq: 16 Dec 2021 17:57

Tgt Ion:152 Resp: 1268382
Ion Ratio Lower Upper
152 100
115 61.8 27.5 82.5
150 156.9 0.0 344.4

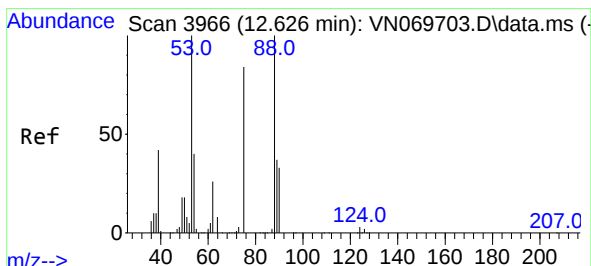
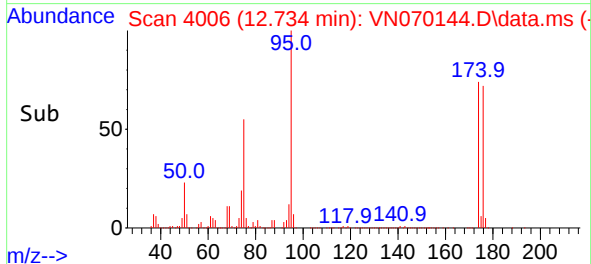
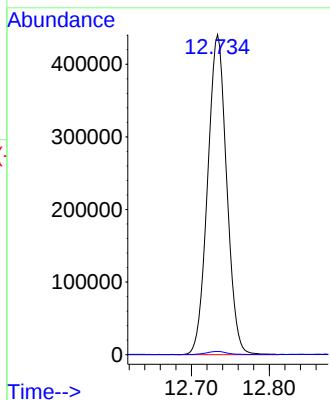
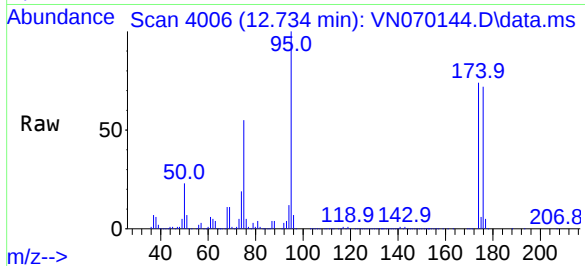




#76
1,2,3-Trichloropropane
Concen: 20.596 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN070144.D
Acq: 16 Dec 2021 17:57

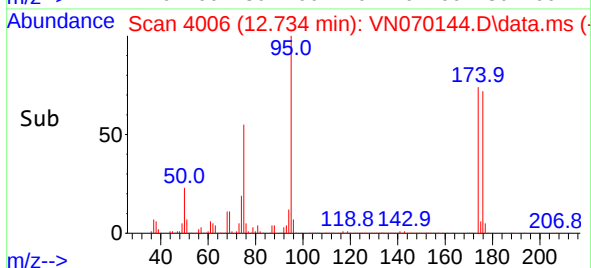
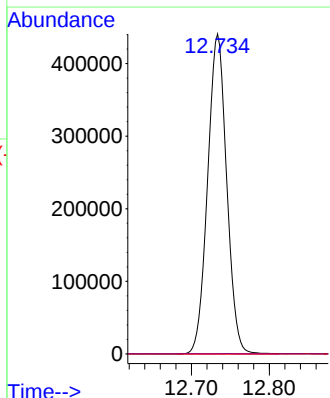
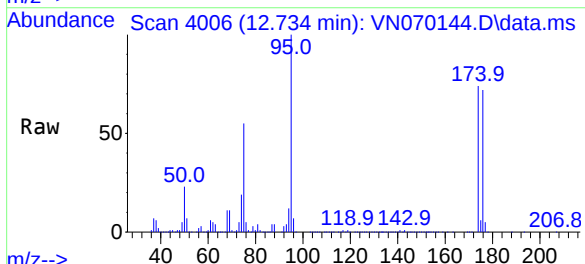
Instrument :
MSVOA_N
ClientSampleId :

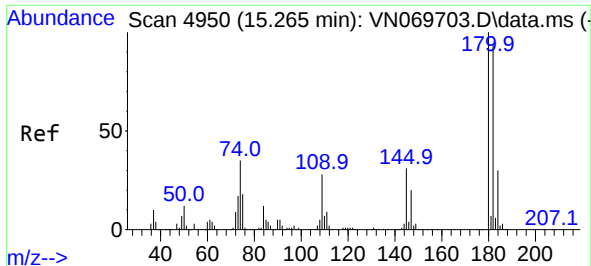
Tgt Ion: 75 Resp: 749154
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.993 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.108 min
Lab File: VN070144.D
Acq: 16 Dec 2021 17:57

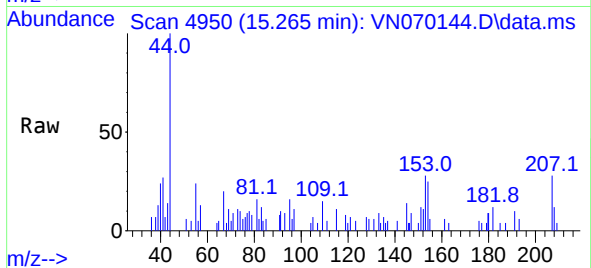
Tgt Ion: 75 Resp: 749154
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



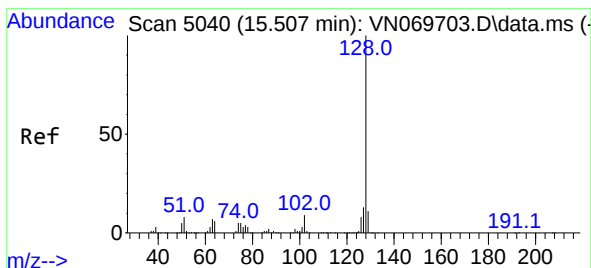
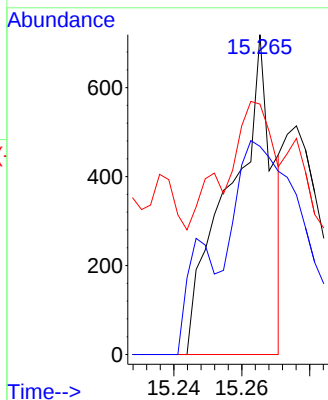
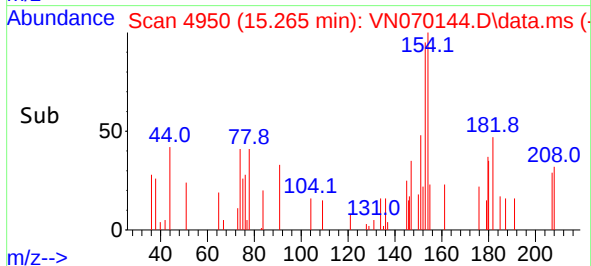


#93
1,2,4-Trichlorobenzene
Concen: 2.907 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN070144.D
Acq: 16 Dec 2021 17:57

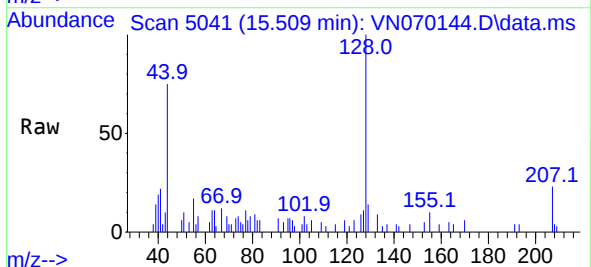
Instrument :
MSVOA_N
ClientSampleId :



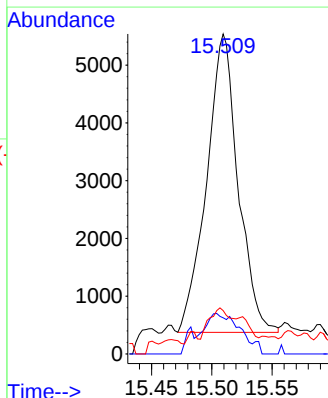
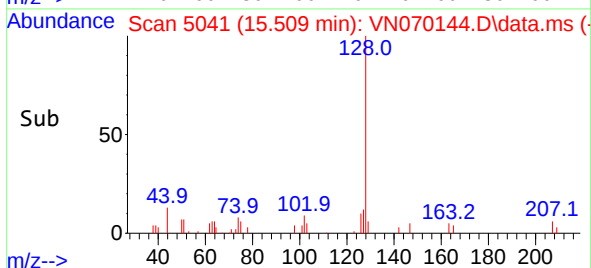
Tgt Ion:180 Resp: 632
Ion Ratio Lower Upper
180 100
182 109.0 48.3 144.9
145 114.4 14.5 43.5#

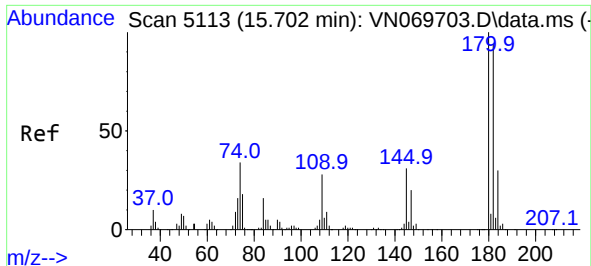


#95
Naphthalene
Concen: 4.125 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN070144.D
Acq: 16 Dec 2021 17:57



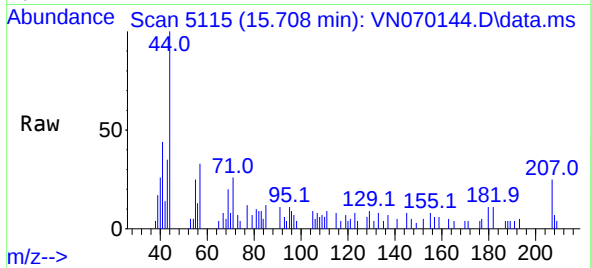
Tgt Ion:128 Resp: 9400
Ion Ratio Lower Upper
128 100
127 15.1 10.5 15.7
129 7.4 8.7 13.1#





#96
1,2,3-Trichlorobenzene
Concen: 2.464 ug/l
RT: 15.708 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN070144.D
Acq: 16 Dec 2021 17:57

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:180 Resp: 602
Ion Ratio Lower Upper
180 100
182 127.7 47.4 142.2
145 6.3 15.0 45.1#

