

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011922\
 Data File : VN070707.D
 Acq On : 19 Jan 2022 18:19
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 20 03:42:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	1100147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1786412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1593748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	605763	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	719486	45.633	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.260%
35) Dibromofluoromethane	8.024	113	507437	45.793	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.580%
50) Toluene-d8	10.440	98	2199480	47.116	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.240%
62) 4-Bromofluorobenzene	12.731	95	763139	45.876	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.760%

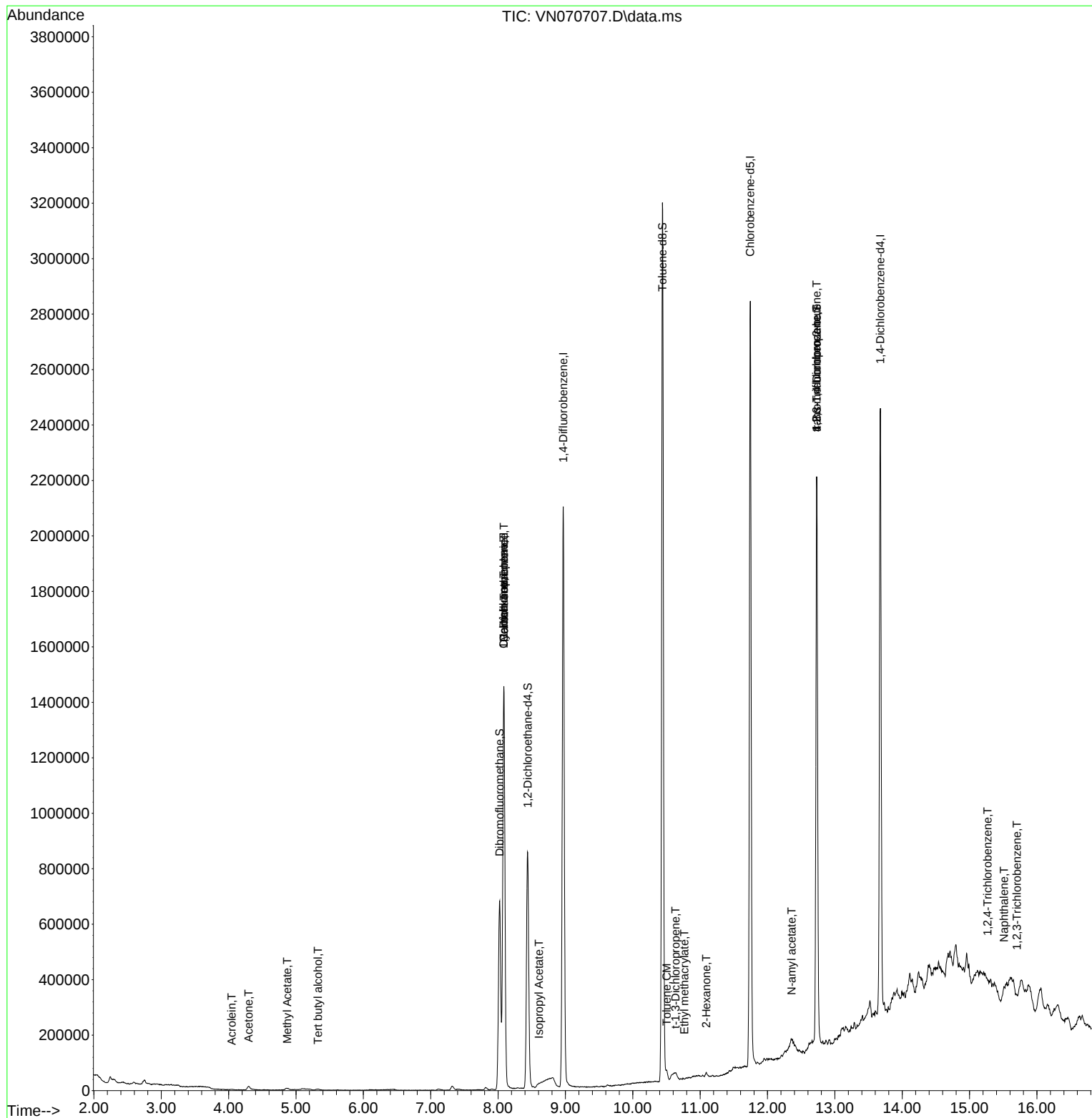
Target Compounds			Qvalue			
11) Tert butyl alcohol	5.328	59	3748	1.318	ug/l #	71
13) Acrolein	4.044	56	1194	0.293	ug/l #	58
16) Acetone	4.296	43	20407	1.865	ug/l	99
18) Methyl Acetate	4.870	43	11134	0.517	ug/l #	57
30) Chloroform	7.815	83	8360	Below Cal		91
31) Cyclohexane	8.083	56	25628	0.923	ug/l #	1
36) 1,1-Dichloropropene	8.083	75	89789	4.813	ug/l #	50
38) Carbon Tetrachloride	8.086	117	108298	6.526	ug/l #	16
43) Isopropyl Acetate	8.608	43	19826	0.524	ug/l #	55
52) Toluene	10.502	92	9416	0.272	ug/l	85
53) t-1,3-Dichloropropene	10.636	75	53	2.406	ug/l #	1
56) Ethyl methacrylate	10.765	69	465	2.319	ug/l #	87
59) 2-Hexanone	11.089	43	4987	0.284	ug/l	84
74) N-amyl acetate	12.358	43	21730	0.927	ug/l #	45
76) 1,2,3-Trichloropropane	12.731	75	396384	24.672	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	396384	73.501	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.268	180	1354	3.538	ug/l #	12
95) Naphthalene	15.509	128	23522	5.623	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.702	180	1758	3.370	ug/l	82

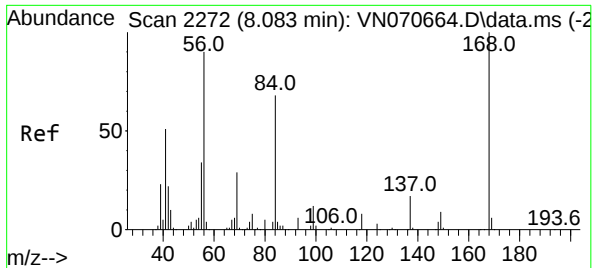
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011922\
Data File : VN070707.D
Acq On : 19 Jan 2022 18:19
Operator : JC/MD
Sample : IBLK
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 20 03:42:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 18 13:32:07 2022
Response via : Initial Calibration

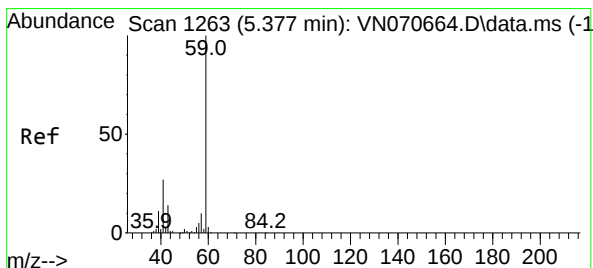
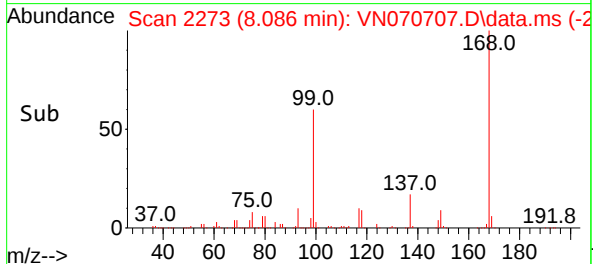
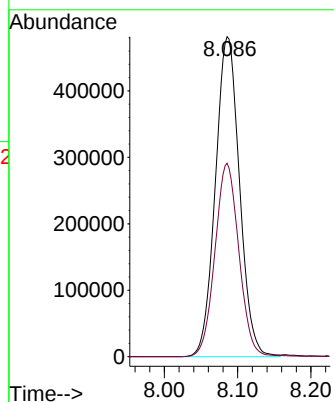
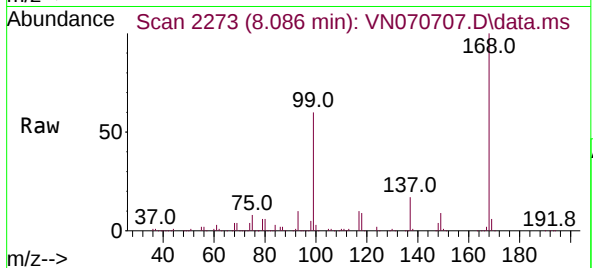




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070707.D
Acq: 19 Jan 2022 18:19

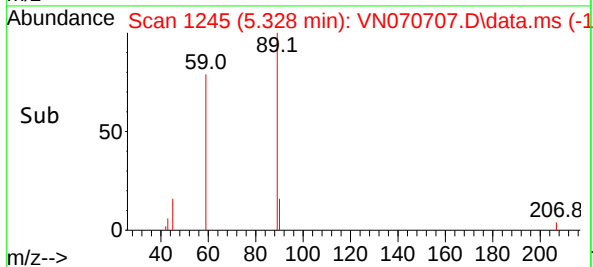
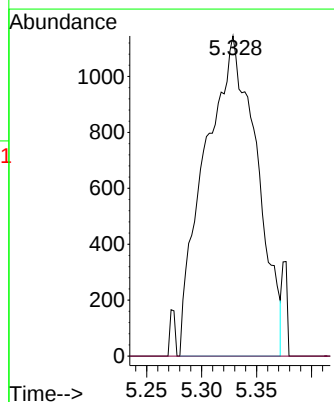
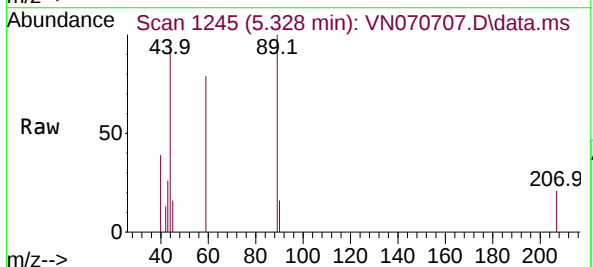
Instrument :
MSVOA_N
ClientSampleId :

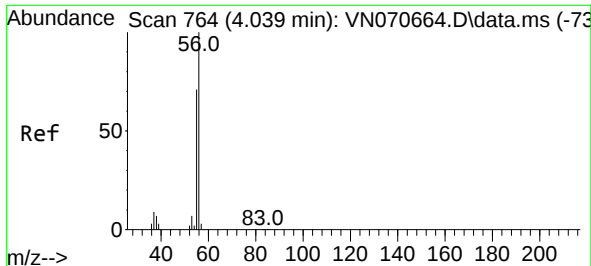
Tgt Ion:168 Resp: 1100147
Ion Ratio Lower Upper
168 100
99 60.4 41.3 61.9



#11
Tert butyl alcohol
Concen: 1.318 ug/l
RT: 5.328 min Scan# 1245
Delta R.T. -0.049 min
Lab File: VN070707.D
Acq: 19 Jan 2022 18:19

Tgt Ion: 59 Resp: 3748
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#





#13

Acrolein

Concen: 0.293 ug/l

RT: 4.044 min Scan# 764

Delta R.T. 0.005 min

Lab File: VN070707.D

Acq: 19 Jan 2022 18:19

Instrument :

MSVOA_N

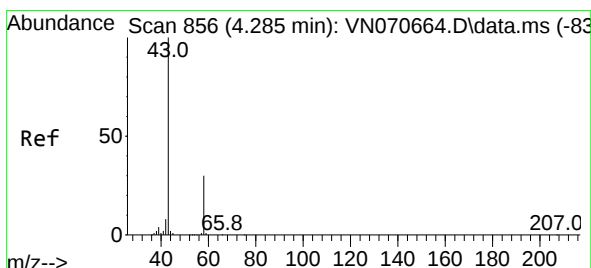
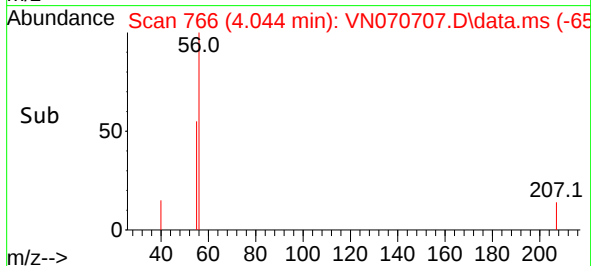
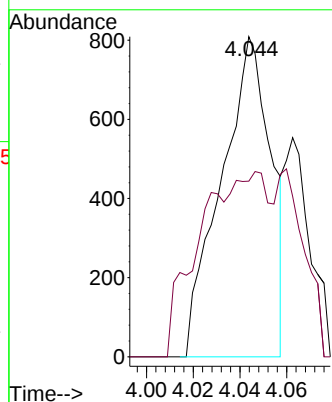
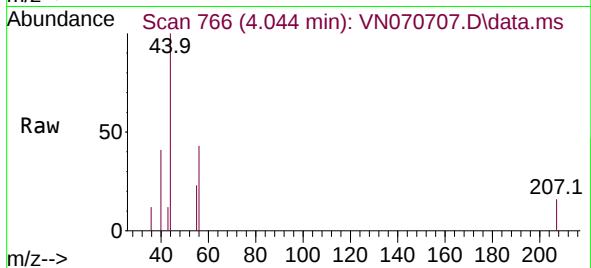
ClientSampleId :

Tgt Ion: 56 Resp: 1194

Ion Ratio Lower Upper

56 100

55 36.5 56.6 85.0#



#16

Acetone

Concen: 1.865 ug/l

RT: 4.296 min Scan# 860

Delta R.T. 0.011 min

Lab File: VN070707.D

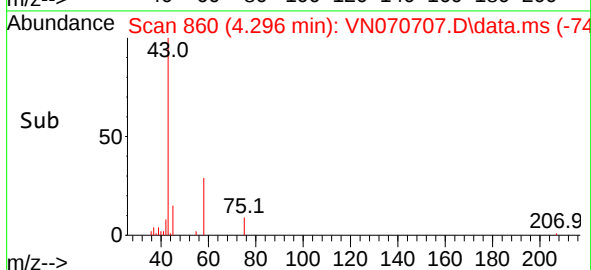
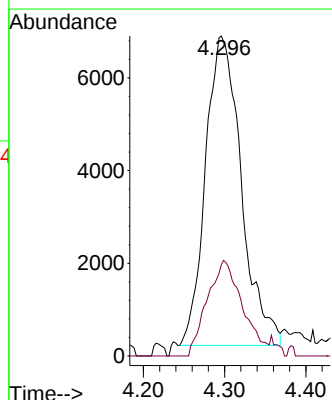
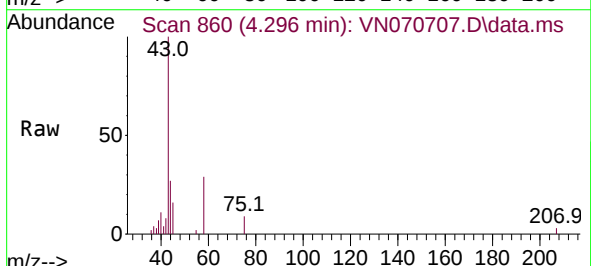
Acq: 19 Jan 2022 18:19

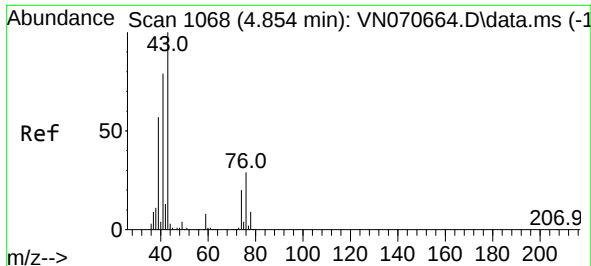
Tgt Ion: 43 Resp: 20407

Ion Ratio Lower Upper

43 100

58 29.5 23.1 34.7





#18

Methyl Acetate

Concen: 0.517 ug/l

RT: 4.870 min Scan# 1068

Delta R.T. 0.016 min

Lab File: VN070707.D

Acq: 19 Jan 2022 18:19

Instrument :

MSVOA_N

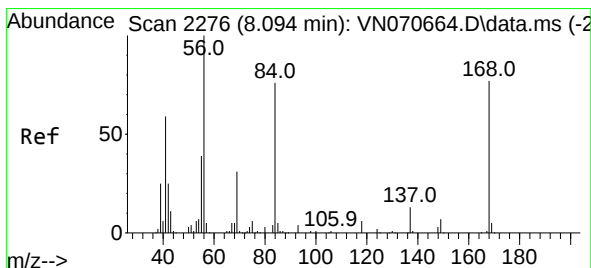
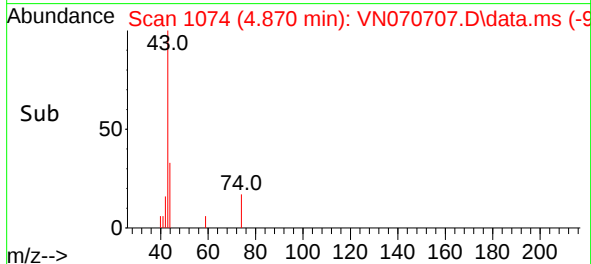
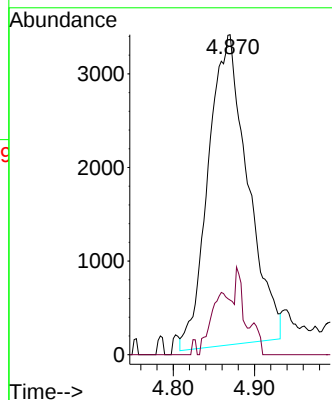
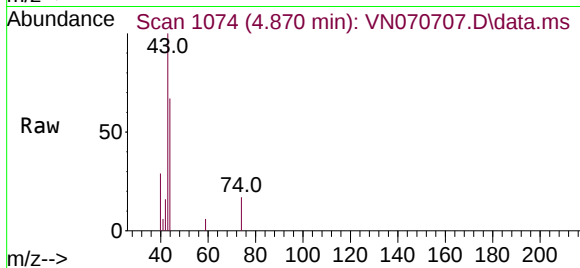
ClientSampleId :

Tgt Ion: 43 Resp: 11134

Ion Ratio Lower Upper

43 100

74 2.9 19.4 29.2#



#31

Cyclohexane

Concen: 0.923 ug/l

RT: 8.083 min Scan# 2272

Delta R.T. -0.011 min

Lab File: VN070707.D

Acq: 19 Jan 2022 18:19

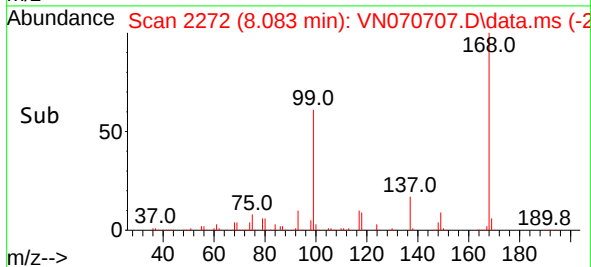
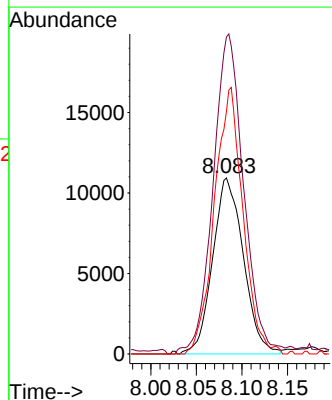
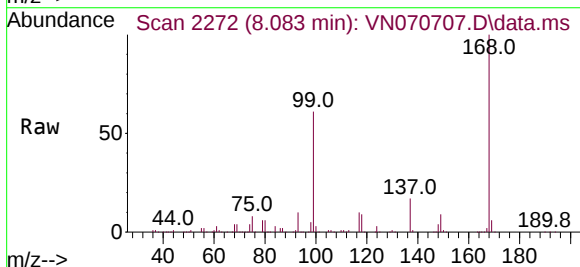
Tgt Ion: 56 Resp: 25628

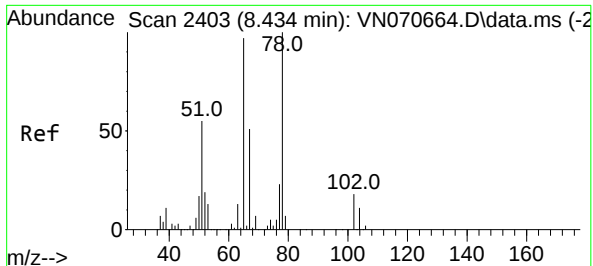
Ion Ratio Lower Upper

56 100

69 176.9 27.1 40.7#

84 137.8 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 45.633 ug/l

RT: 8.440 min Scan# 2403

Delta R.T. 0.006 min

Lab File: VN070707.D

Acq: 19 Jan 2022 18:19

Instrument :

MSVOA_N

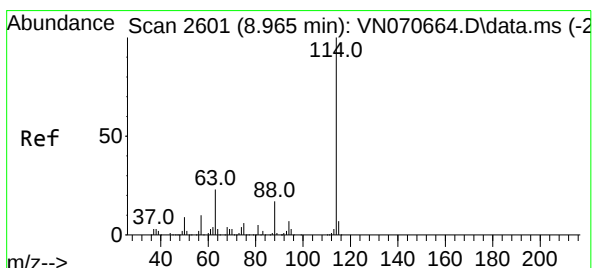
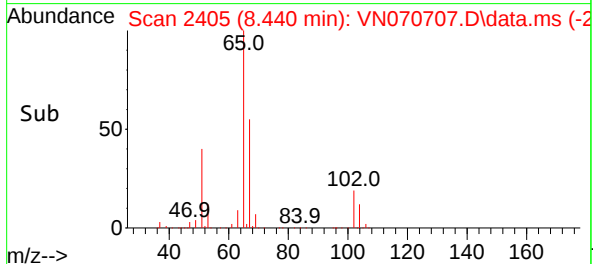
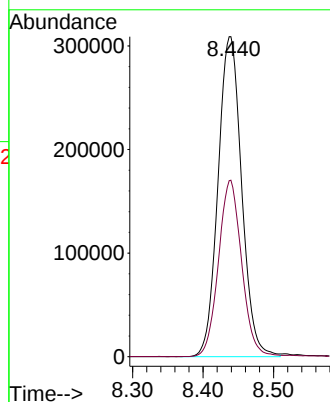
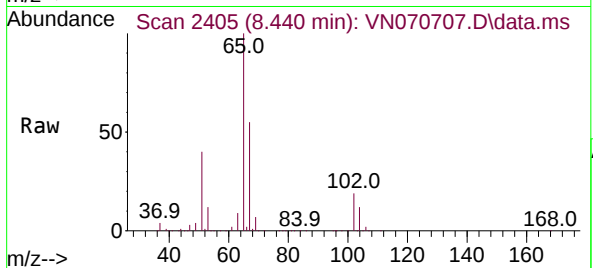
ClientSampleId :

Tgt Ion: 65 Resp: 719486

Ion Ratio Lower Upper

65 100

67 54.0 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.003 min

Lab File: VN070707.D

Acq: 19 Jan 2022 18:19

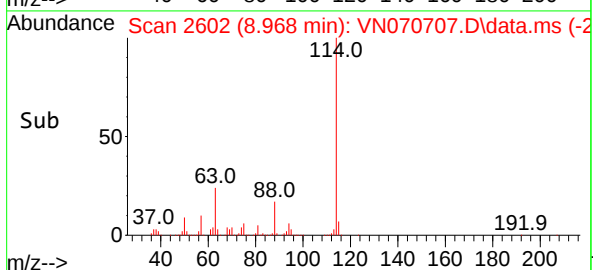
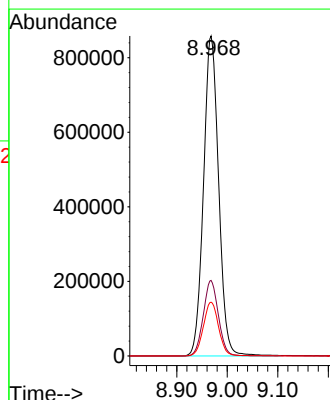
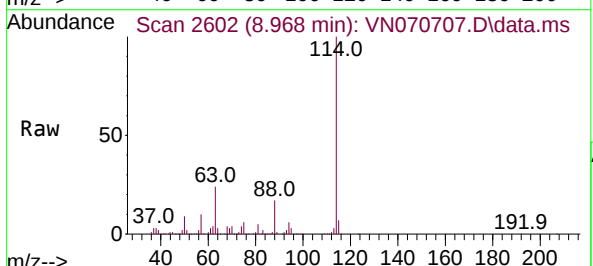
Tgt Ion:114 Resp: 1786412

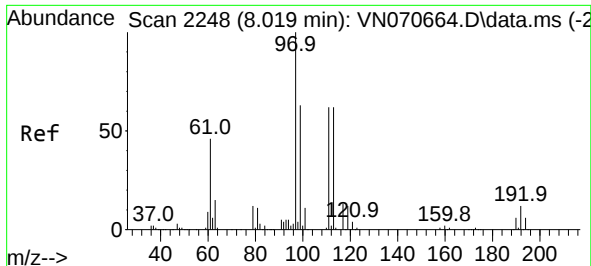
Ion Ratio Lower Upper

114 100

63 23.6 0.0 37.8

88 16.8 0.0 27.4

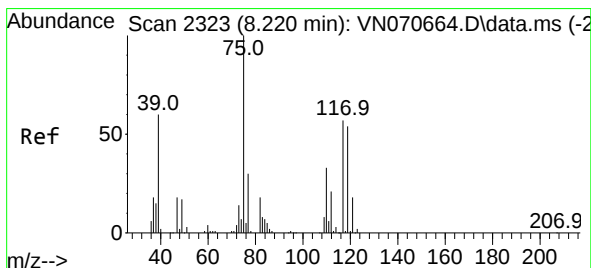
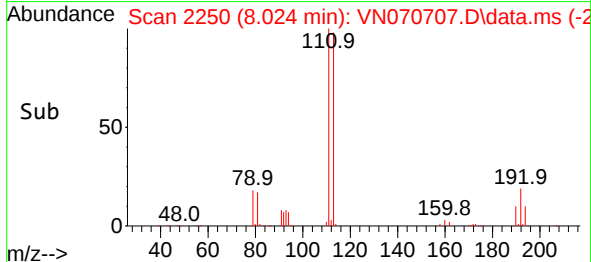
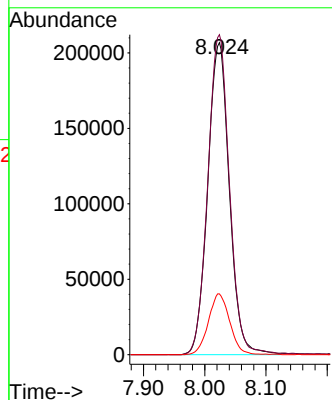
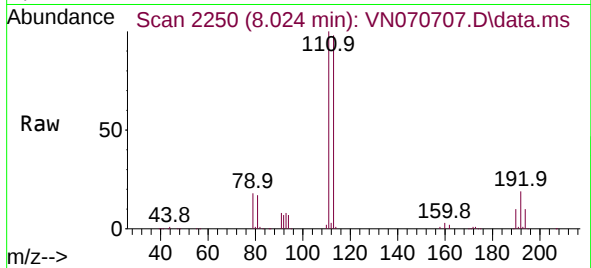




#35
 Dibromofluoromethane
 Concen: 45.793 ug/l
 RT: 8.024 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: VN070707.D
 Acq: 19 Jan 2022 18:19

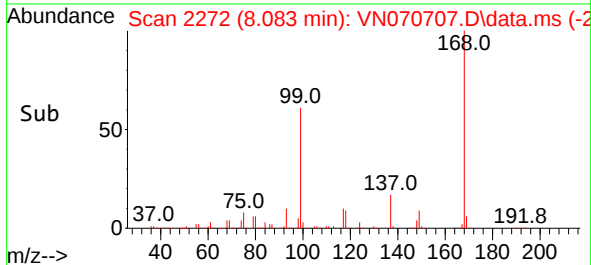
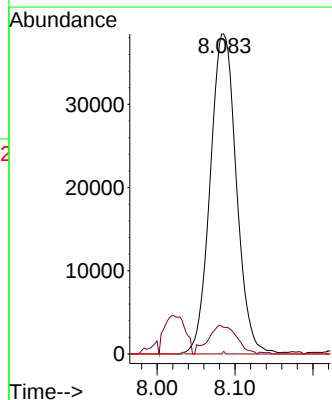
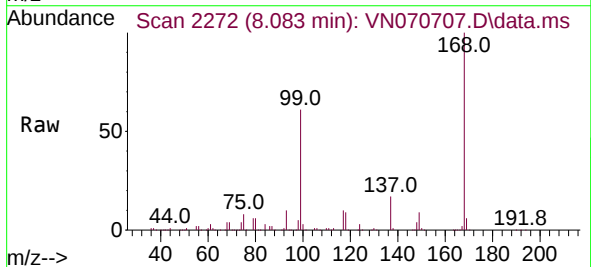
Instrument :
 MSVOA_N
 ClientSampleId :

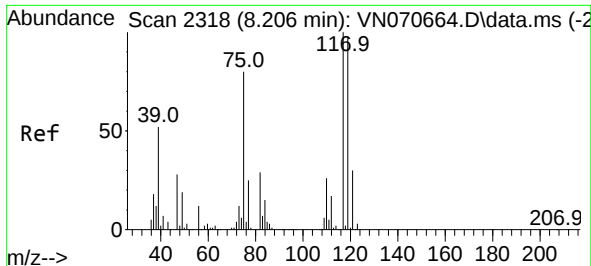
Tgt Ion:113 Resp: 507437
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.2 123.2
 192 19.2 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 4.813 ug/l
 RT: 8.083 min Scan# 2272
 Delta R.T. -0.137 min
 Lab File: VN070707.D
 Acq: 19 Jan 2022 18:19

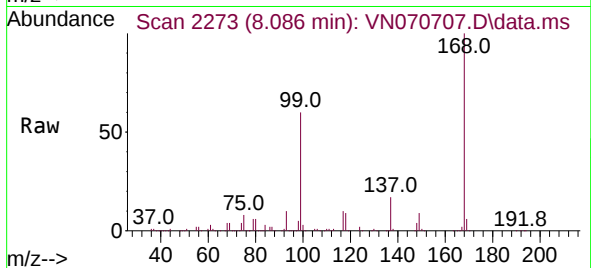
Tgt Ion: 75 Resp: 89789
 Ion Ratio Lower Upper
 75 100
 110 9.6 18.4 55.2#
 77 0.1 24.4 36.6#



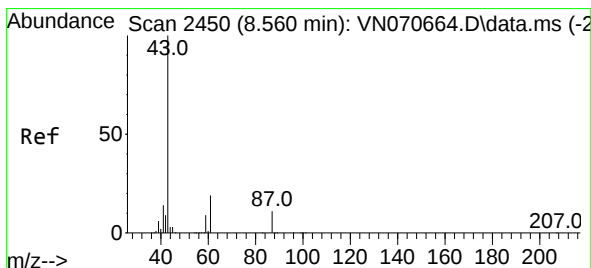
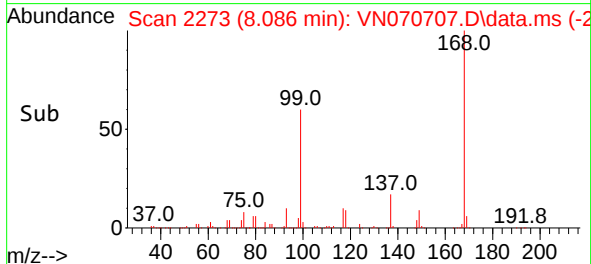
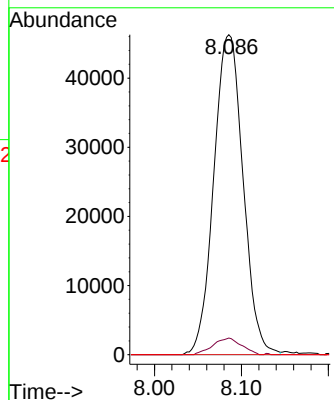


#38
Carbon Tetrachloride
Concen: 6.526 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.120 min
Lab File: VN070707.D
Acq: 19 Jan 2022 18:19

Instrument :
MSVOA_N
ClientSampleId :

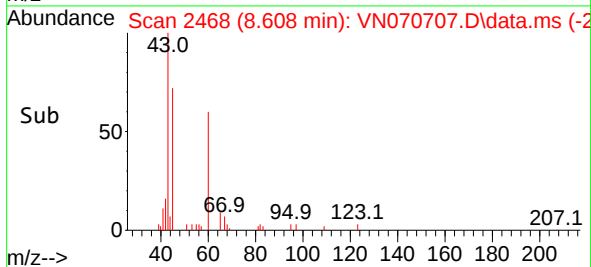
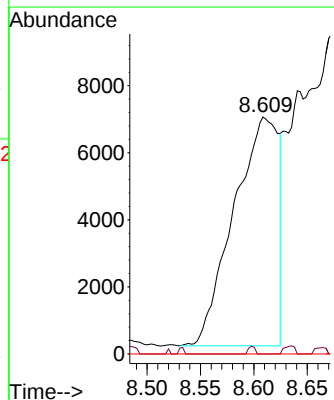
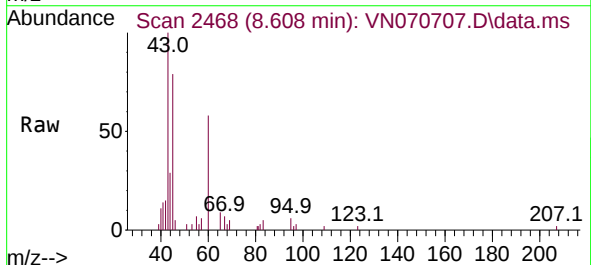


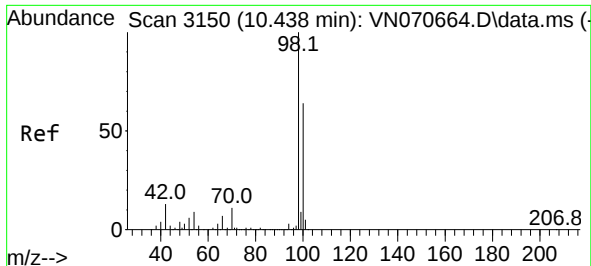
Tgt Ion:117 Resp: 108298
Ion Ratio Lower Upper
117 100
119 5.2 76.1 114.1#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 0.524 ug/l
RT: 8.608 min Scan# 2468
Delta R.T. 0.048 min
Lab File: VN070707.D
Acq: 19 Jan 2022 18:19

Tgt Ion: 43 Resp: 19826
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#

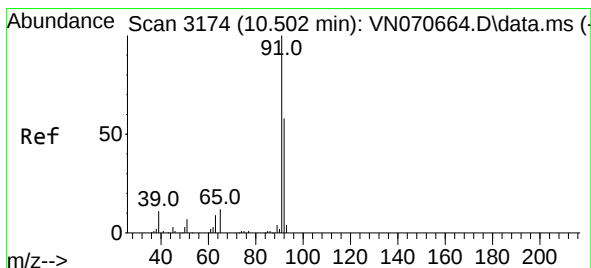
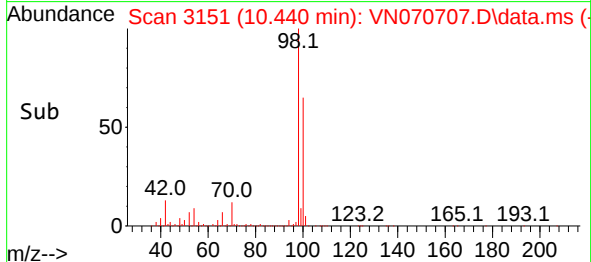
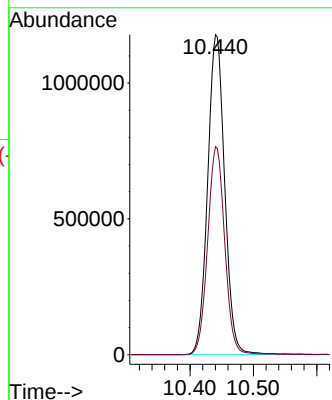
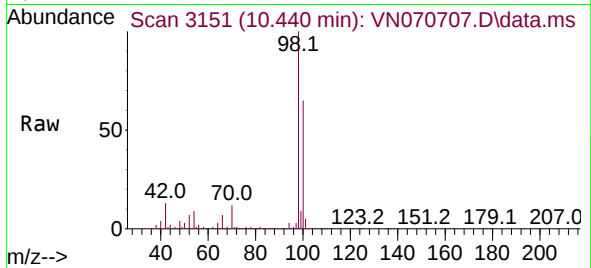




#50
Toluene-d8
Concen: 47.116 ug/l
RT: 10.440 min Scan# 3150
Delta R.T. 0.002 min
Lab File: VN070707.D
Acq: 19 Jan 2022 18:19

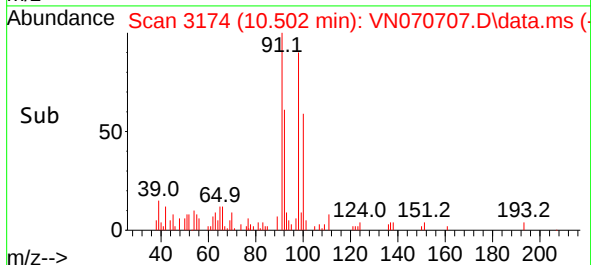
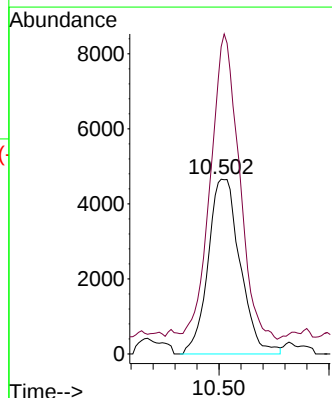
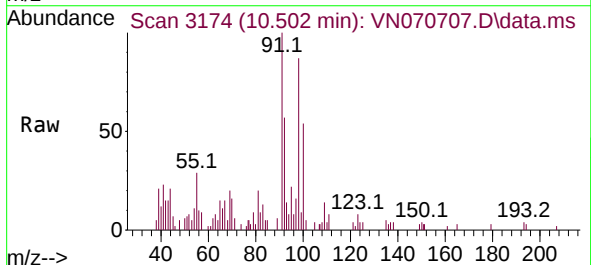
Instrument :
MSVOA_N
ClientSampleId :

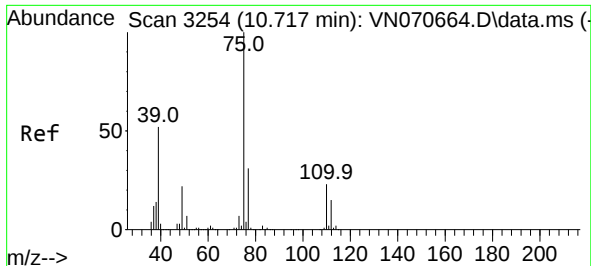
Tgt Ion: 98 Resp: 2199480
Ion Ratio Lower Upper
98 100
100 64.9 50.4 75.6



#52
Toluene
Concen: 0.272 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. -0.000 min
Lab File: VN070707.D
Acq: 19 Jan 2022 18:19

Tgt Ion: 92 Resp: 9416
Ion Ratio Lower Upper
92 100
91 156.9 142.0 213.0

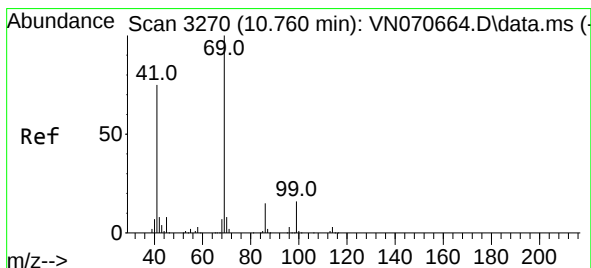
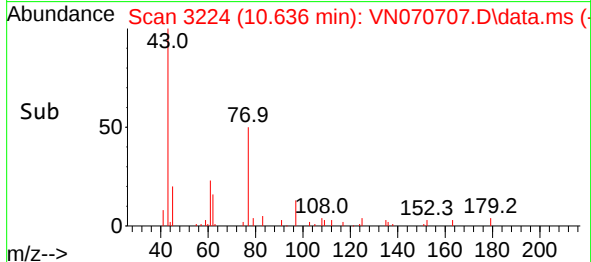
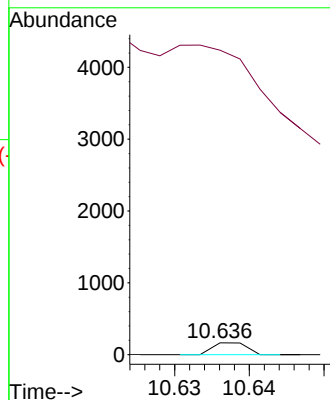
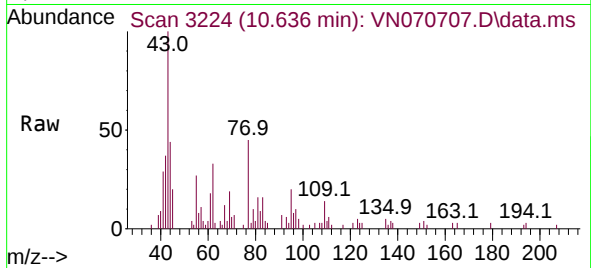




#53
t-1,3-Dichloropropene
Concen: 2.406 ug/l
RT: 10.636 min Scan# 31
Delta R.T. -0.081 min
Lab File: VN070707.D
Acq: 19 Jan 2022 18:19

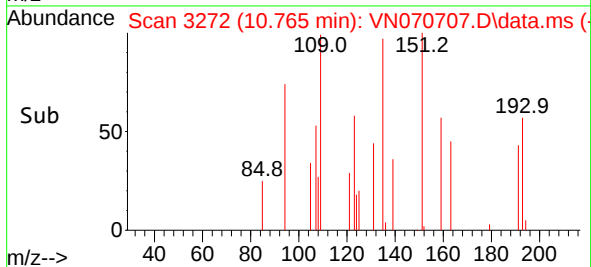
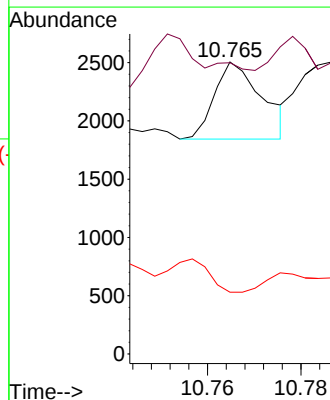
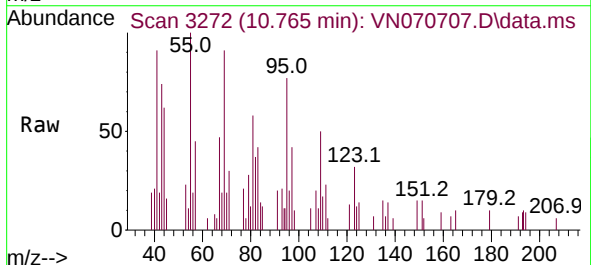
Instrument :
MSVOA_N
ClientSampleId :

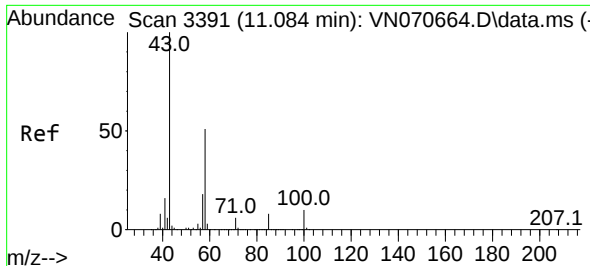
Tgt Ion: 75 Resp: 53
Ion Ratio Lower Upper
75 100
77 528.0 25.6 38.4#



#56
Ethyl methacrylate
Concen: 2.319 ug/l
RT: 10.765 min Scan# 3272
Delta R.T. 0.005 min
Lab File: VN070707.D
Acq: 19 Jan 2022 18:19

Tgt Ion: 69 Resp: 465
Ion Ratio Lower Upper
69 100
41 63.4 51.4 77.0
39 24.3 34.6 52.0#

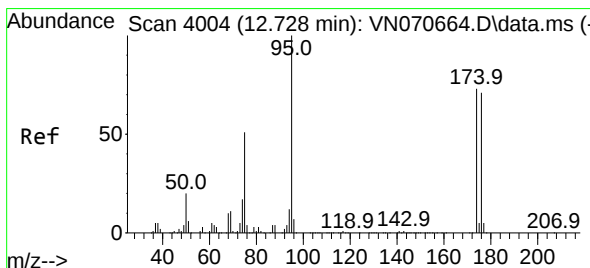
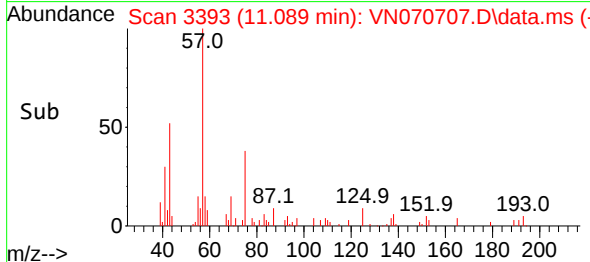
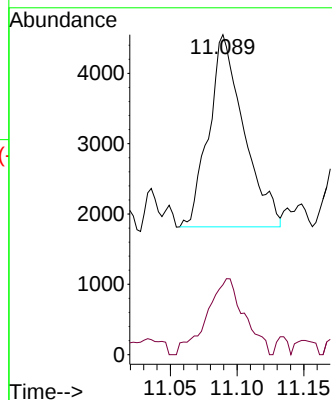
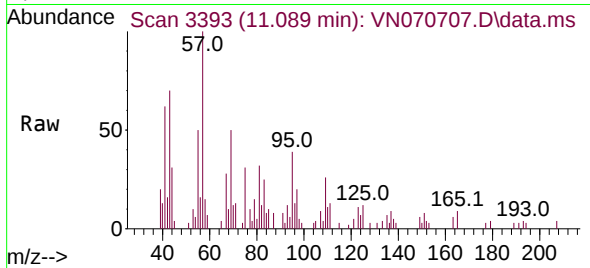




#59
2-Hexanone
Concen: 0.284 ug/l
RT: 11.089 min Scan# 31
Delta R.T. 0.005 min
Lab File: VN070707.D
Acq: 19 Jan 2022 18:19

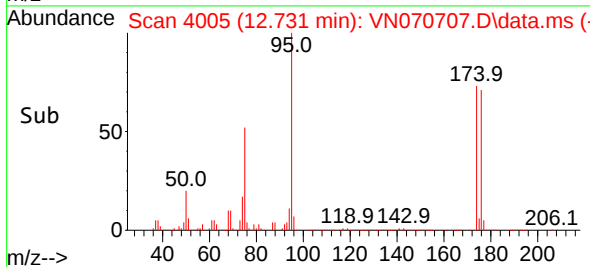
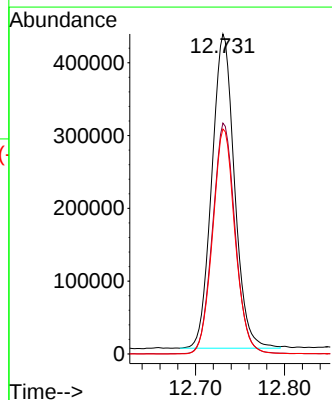
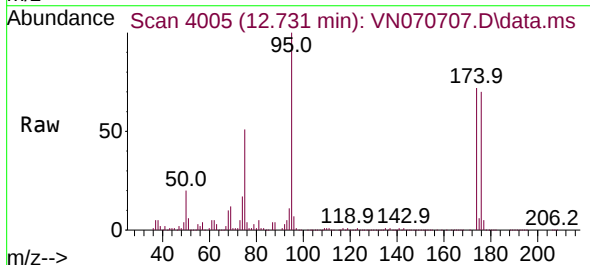
Instrument :
MSVOA_N
ClientSampleId :

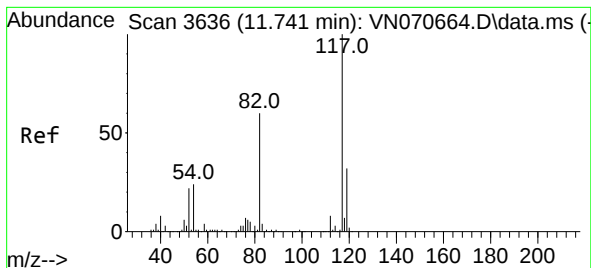
Tgt Ion: 43 Resp: 4987
Ion Ratio Lower Upper
43 100
58 42.3 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 45.876 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070707.D
Acq: 19 Jan 2022 18:19

Tgt Ion: 95 Resp: 763139
Ion Ratio Lower Upper
95 100
174 73.3 0.0 187.2
176 71.1 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3637

Delta R.T. 0.003 min

Lab File: VN070707.D

Acq: 19 Jan 2022 18:19

Instrument :

MSVOA_N

ClientSampleId :

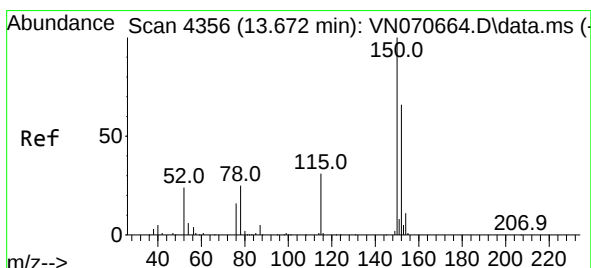
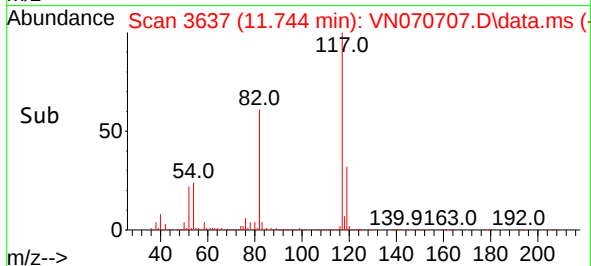
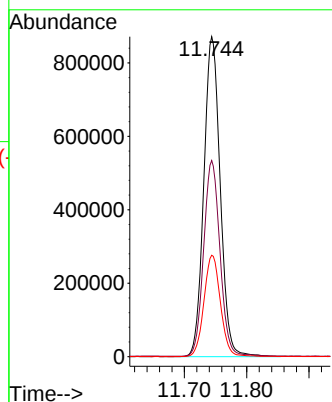
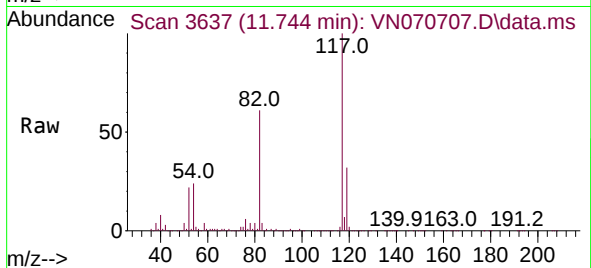
Tgt Ion:117 Resp: 1593748

Ion Ratio Lower Upper

117 100

82 61.2 42.4 63.6

119 31.7 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.675 min Scan# 4357

Delta R.T. 0.003 min

Lab File: VN070707.D

Acq: 19 Jan 2022 18:19

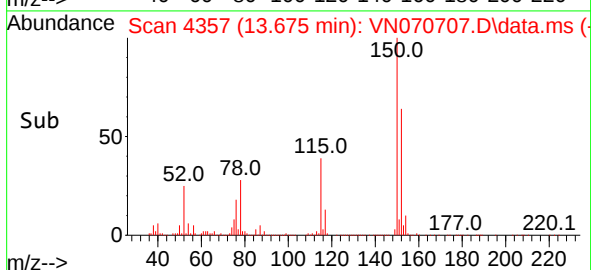
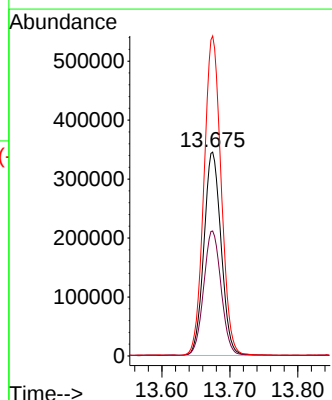
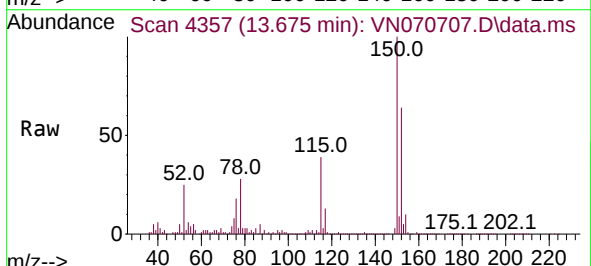
Tgt Ion:152 Resp: 605763

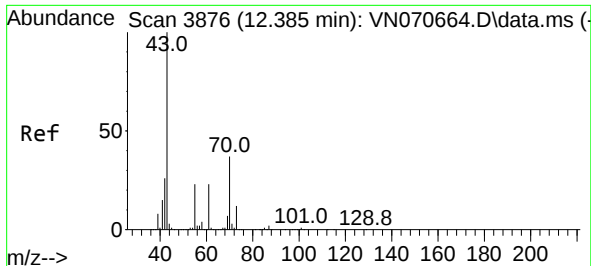
Ion Ratio Lower Upper

152 100

115 61.8 27.5 82.5

150 156.8 0.0 344.4

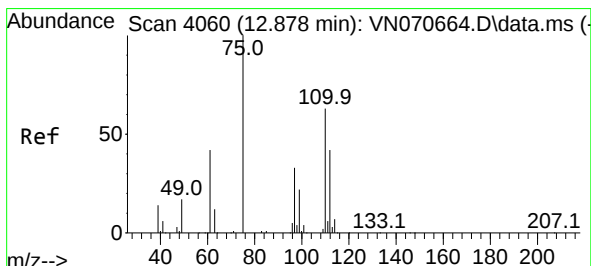
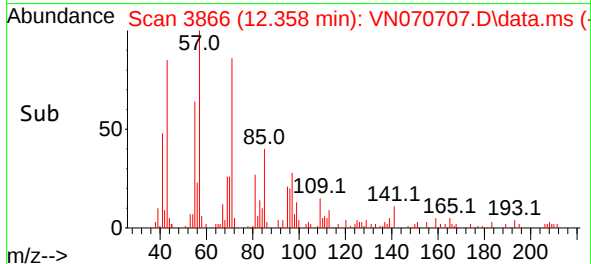
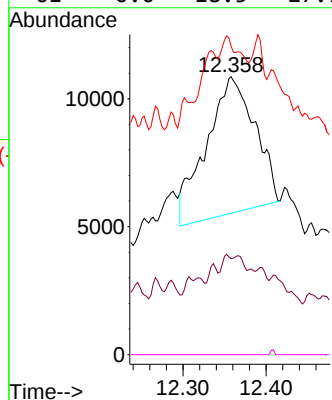
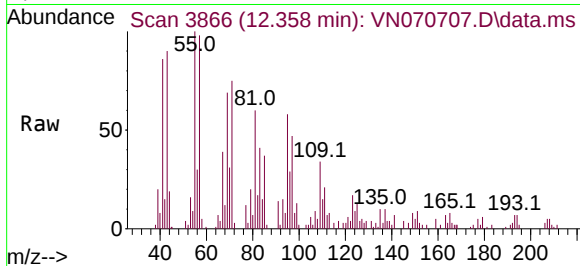




#74
N-amy1 acetate
Concen: 0.927 ug/l
RT: 12.358 min Scan# 31
Delta R.T. -0.027 min
Lab File: VN070707.D
Acq: 19 Jan 2022 18:19

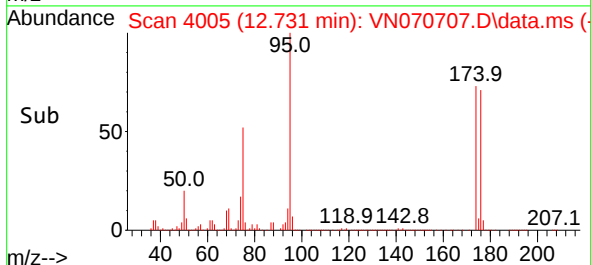
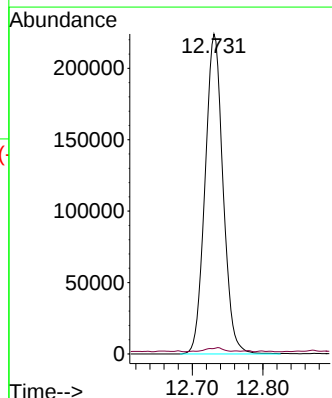
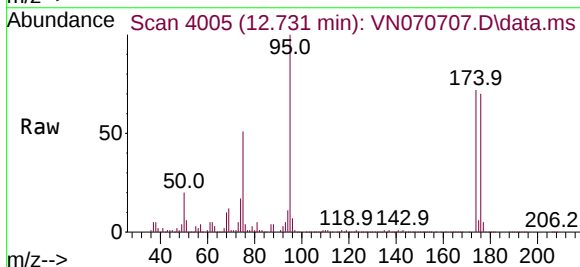
Instrument :
MSVOA_N
ClientSampleId :

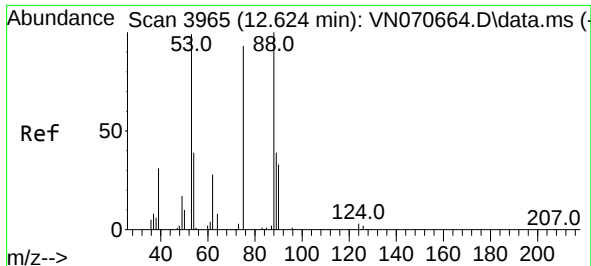
Tgt Ion: 43	Resp: 21730
Ion Ratio	Lower Upper
43 100	
70 2.0	33.4 50.0#
55 0.0	19.3 28.9#
61 0.0	18.5 27.7#



#76
1,2,3-Trichloropropane
Concen: 24.672 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070707.D
Acq: 19 Jan 2022 18:19

Tgt Ion: 75	Resp: 396384
Ion Ratio	Lower Upper
75 100	
77 1.3	82.6 247.8#

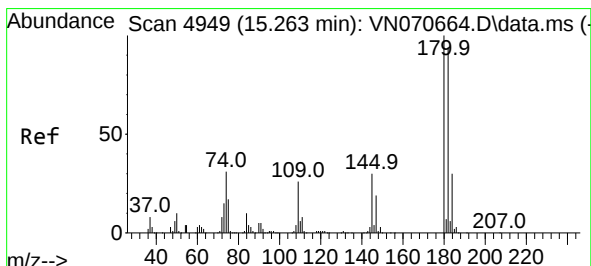
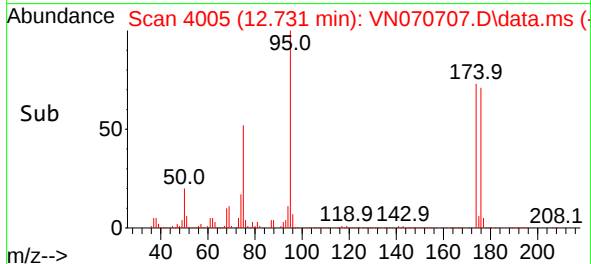
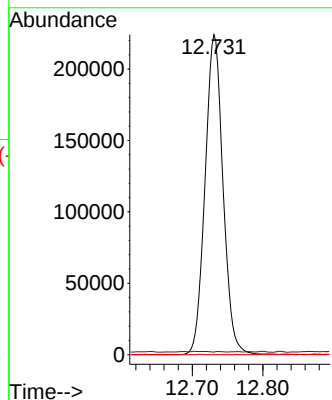
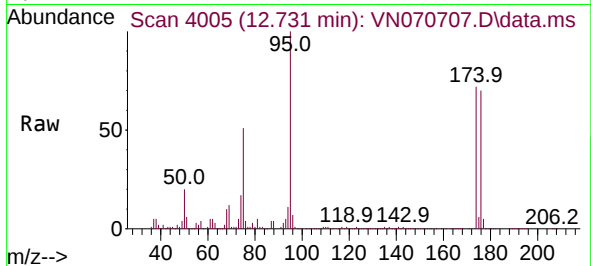




#81
trans-1,4-Dichloro-2-butene
Concen: 73.501 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070707.D
Acq: 19 Jan 2022 18:19

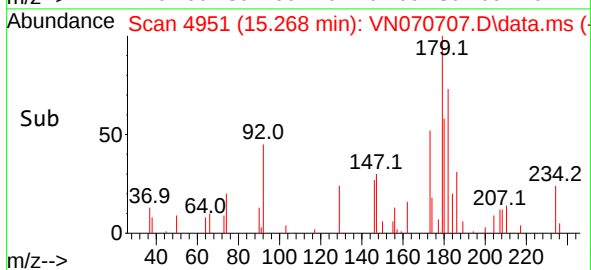
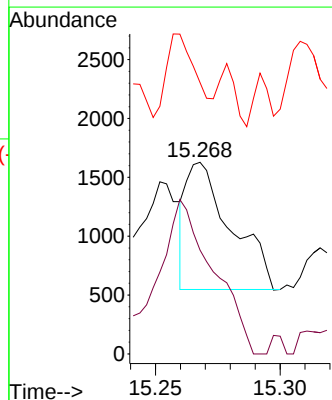
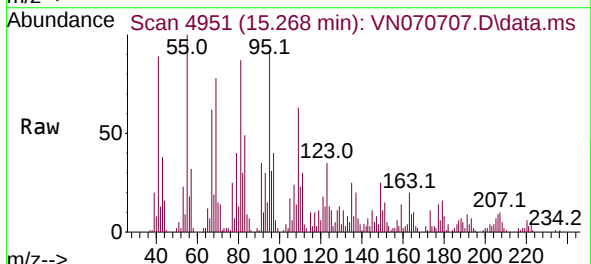
Instrument :
MSVOA_N
ClientSampleId :

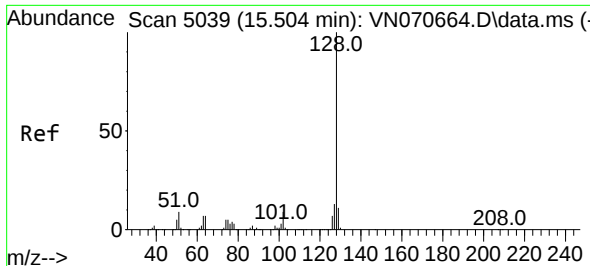
Tgt Ion: 75 Resp: 396384
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 3.538 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.005 min
Lab File: VN070707.D
Acq: 19 Jan 2022 18:19

Tgt Ion:180 Resp: 1354
Ion Ratio Lower Upper
180 100
182 0.0 48.3 144.9#
145 0.0 14.5 43.5#

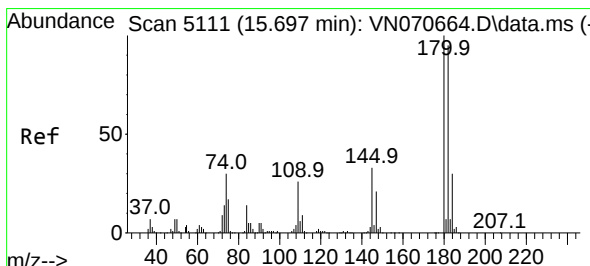
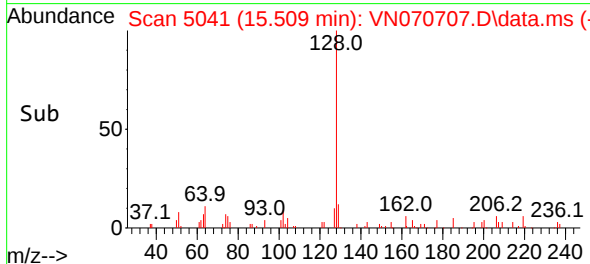
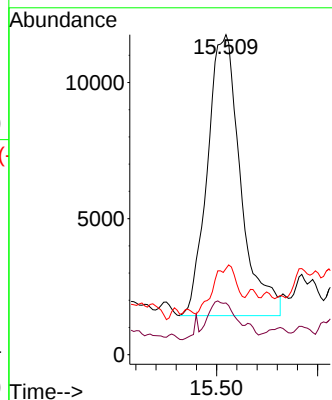
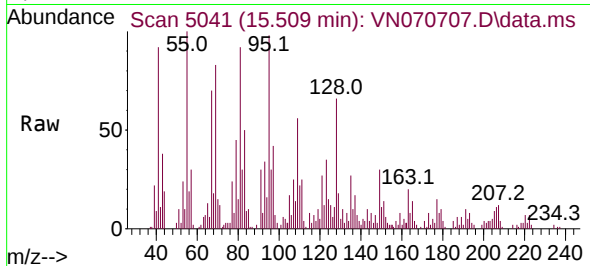




#95
Naphthalene
Concen: 5.623 ug/l
RT: 15.509 min Scan# 5039
Delta R.T. 0.005 min
Lab File: VN070707.D
Acq: 19 Jan 2022 18:19

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 23522
Ion Ratio Lower Upper
128 100
127 7.6 10.5 15.7#
129 12.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 3.370 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.005 min
Lab File: VN070707.D
Acq: 19 Jan 2022 18:19

Tgt Ion:180 Resp: 1758
Ion Ratio Lower Upper
180 100
182 115.2 47.4 142.2
145 34.0 15.0 45.1

