

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051721\
 Data File : VN067092.D
 Acq On : 17 May 2021 11:24
 Operator : JC/MD
 Sample : VN0517WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 18 04:04:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051421W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 18 04:00:15 2021
 Response via : Initial Calibration

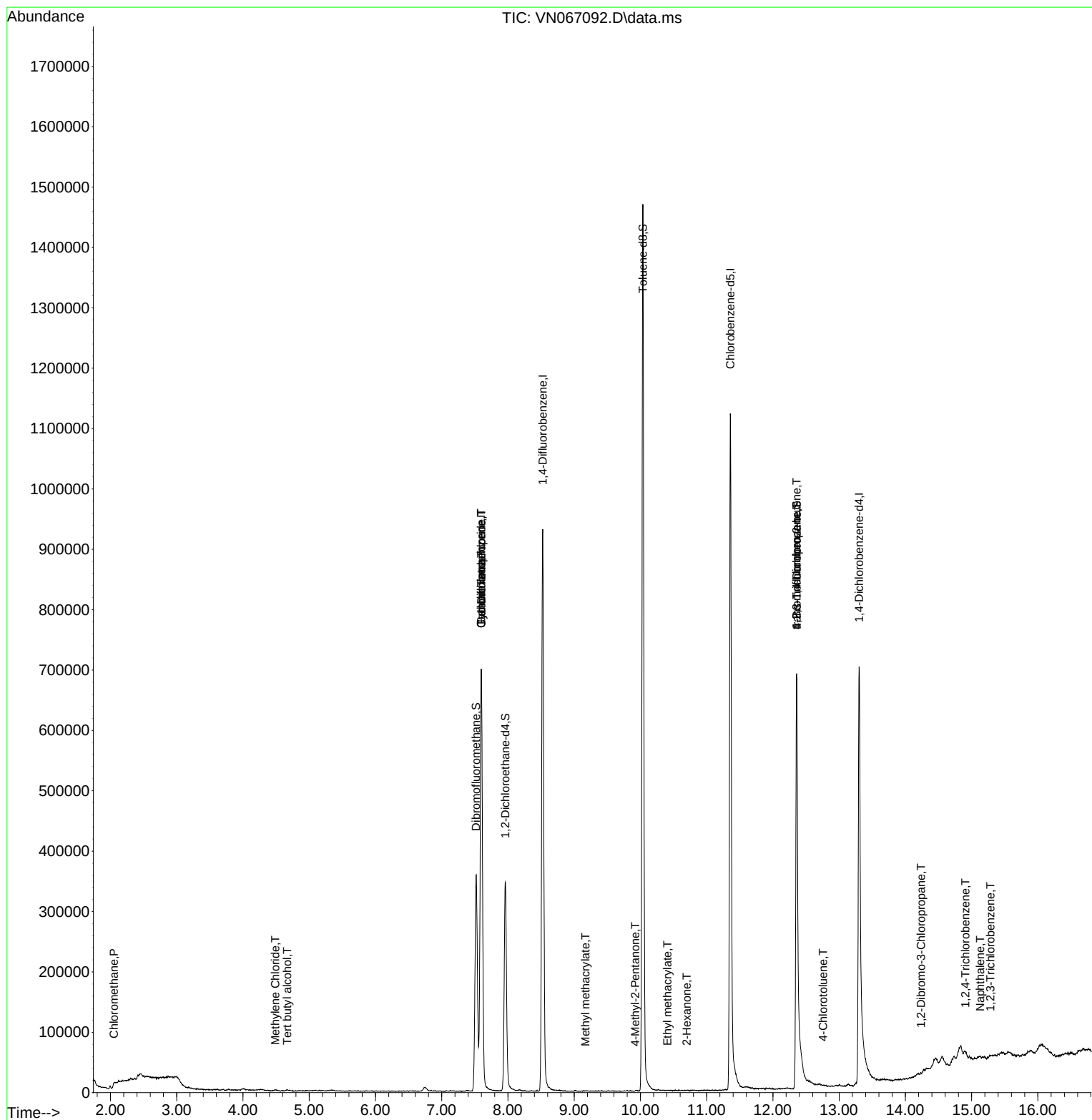
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.597	168	668532	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.525	114	954336	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.357	117	820217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.301	152	303013	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.962	65	313662	43.43	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	86.86%
35) Dibromofluoromethane	7.519	113	289990	46.28	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.56%
50) Toluene-d8	10.038	98	1120998	47.20	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.40%
62) 4-Bromofluorobenzene	12.357	95	345006	43.37	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.74%
Target Compounds						
					Qvalue	
3) Chloromethane	2.051	50	2793	0.38	ug/l	90
11) Tert butyl alcohol	4.668	59	333	0.28	ug/l #	1
13) Acrolein	3.571	56	1109	Below Cal	#	42
20) Methylene Chloride	4.489	84	1421	0.27	ug/l #	68
31) Cyclohexane	7.600	56	9364	0.94	ug/l #	1
36) 1,1-Dichloropropene	7.597	75	39311	4.52	ug/l #	49
38) Carbon Tetrachloride	7.600	117	55590	6.00	ug/l #	15
48) Methyl methacrylate	9.169	41	162	1.97	ug/l #	18
51) 4-Methyl-2-Pentanone	9.920	43	294	5.44	ug/l #	33
56) Ethyl methacrylate	10.408	69	53	1.95	ug/l #	1
59) 2-Hexanone	10.697	43	28	21.92	ug/l #	21
76) 1,2,3-Trichloropropane	12.357	75	156801	24.52	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.357	75	156801	73.21	ug/l #	15
82) 4-Chlorotoluene	12.757	91	626	1.22	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	14.235	75	281	0.25	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.905	180	2177	0.41	ug/l #	60
95) Naphthalene	15.131	128	4594	3.59	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.283	180	1263	0.25	ug/l #	57

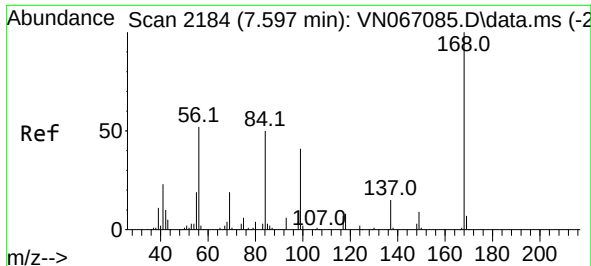
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051421W.M
Quant Title : SW846 8260
QLast Update : Tue May 18 04:00:15 2021
Response via : Initial Calibration

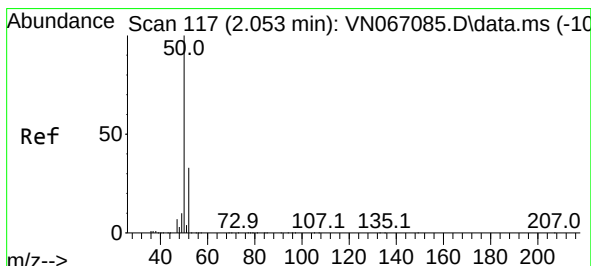
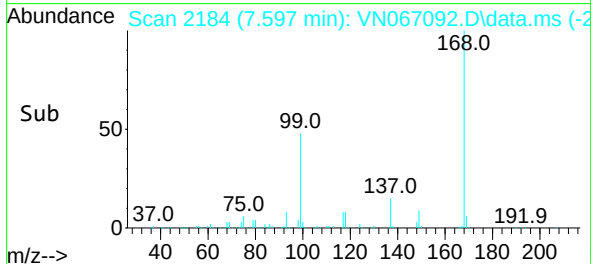
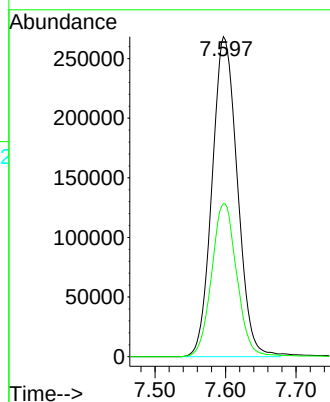
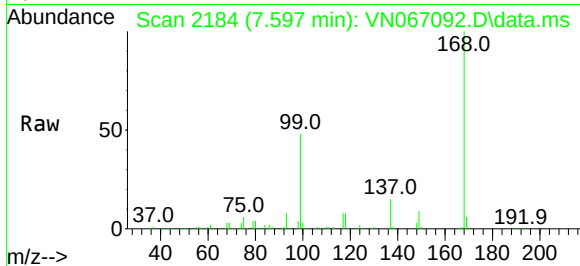




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.597 min Scan# 2184
Delta R.T. -0.000 min
Lab File: VN067092.D
Acq: 17 May 2021 11:24

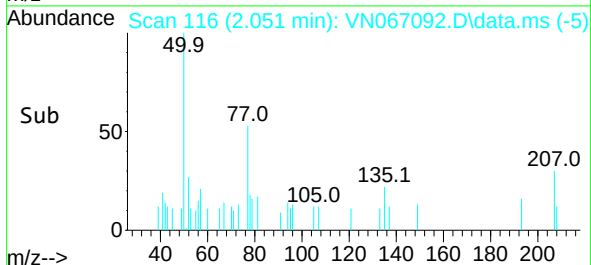
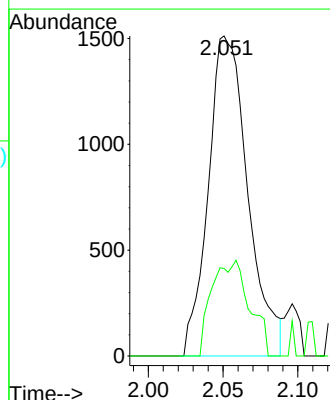
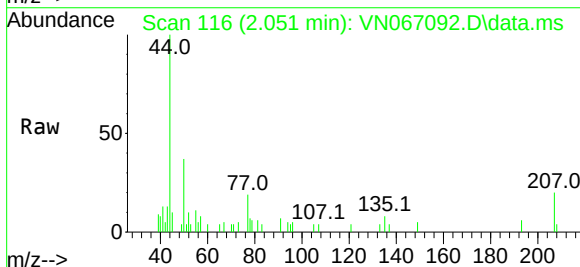
Instrument :
MSVOA_N
ClientSampled :

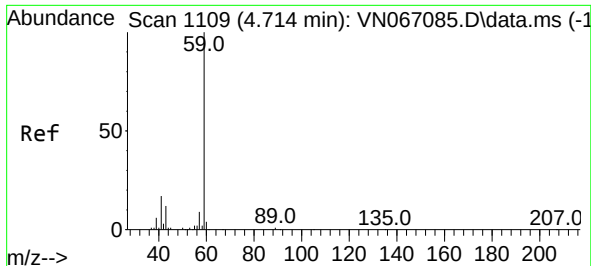
Tgt Ion:168 Resp: 668532
Ion Ratio Lower Upper
168 100
99 47.8 38.5 57.7



#3
Chloromethane
Concen: 0.38 ug/l
RT: 2.051 min Scan# 116
Delta R.T. -0.002 min
Lab File: VN067092.D
Acq: 17 May 2021 11:24

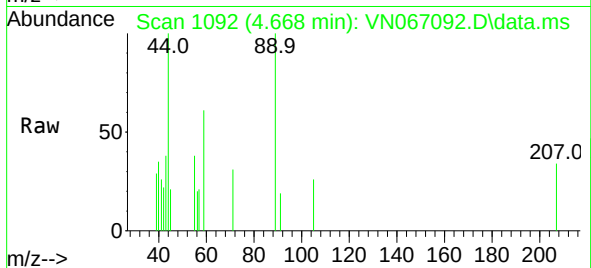
Tgt Ion: 50 Resp: 2793
Ion Ratio Lower Upper
50 100
52 27.4 26.5 39.7



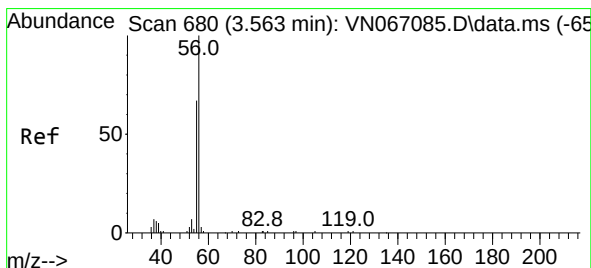
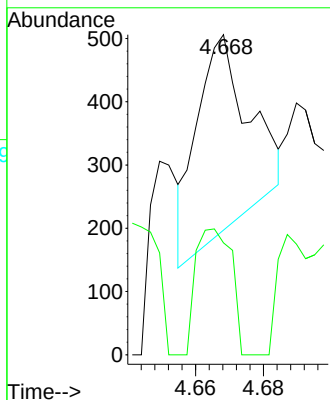
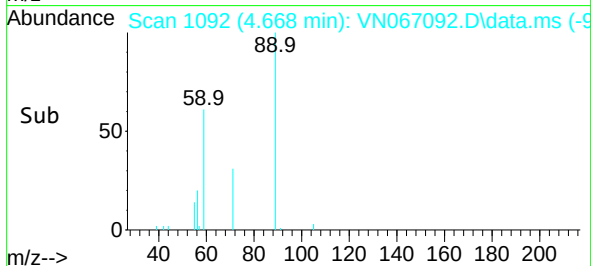


#11
Tert butyl alcohol
Concen: 0.28 ug/l
RT: 4.668 min Scan# 1092
Delta R.T. -0.046 min
Lab File: VN067092.D
Acq: 17 May 2021 11:24

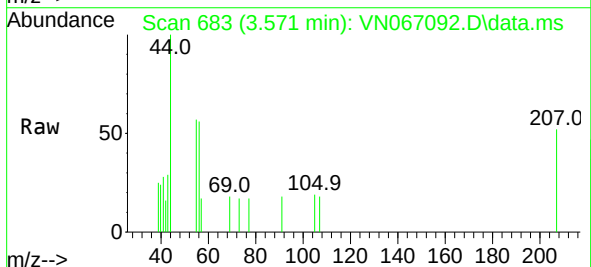
Instrument :
MSVOA_N
ClientSampled :



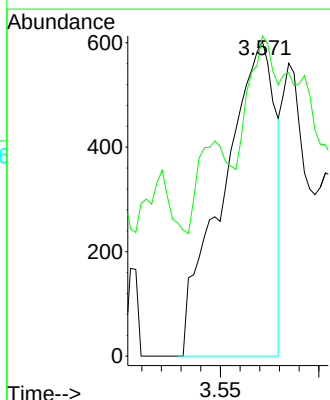
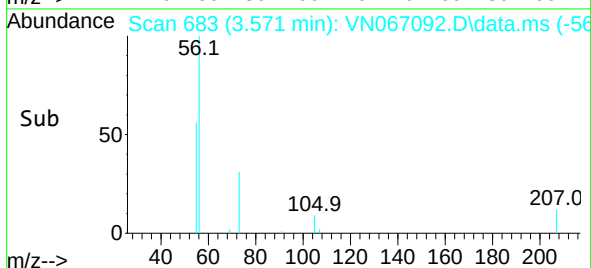
Tgt Ion: 59 Resp: 333
Ion Ratio Lower Upper
59 100
57 43.5 3.5 5.3#

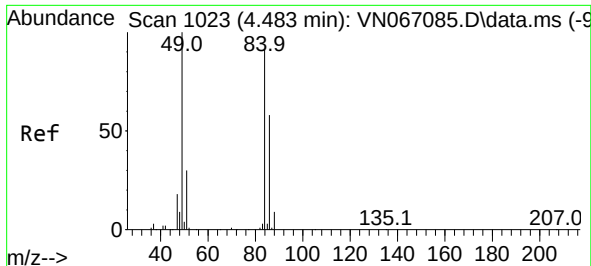


#13
Acrolein
Concen: Below Cal
RT: 3.571 min Scan# 683
Delta R.T. 0.008 min
Lab File: VN067092.D
Acq: 17 May 2021 11:24



Tgt Ion: 56 Resp: 1109
Ion Ratio Lower Upper
56 100
55 20.8 53.8 80.6#





#20

Methylene Chloride

Concen: 0.27 ug/l

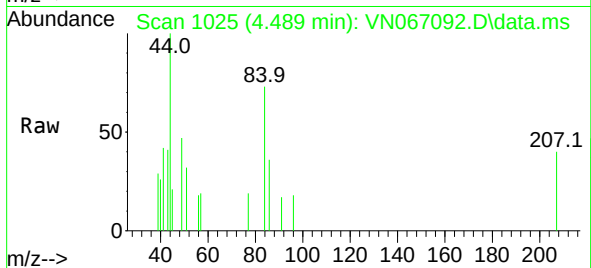
RT: 4.489 min Scan# 1025

Delta R.T. 0.006 min

Lab File: VN067092.D

Acq: 17 May 2021 11:24

Instrument :
MSVOA_N
ClientSampled :



Tgt Ion: 84 Resp: 1421

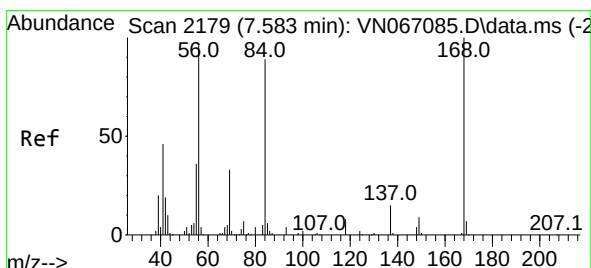
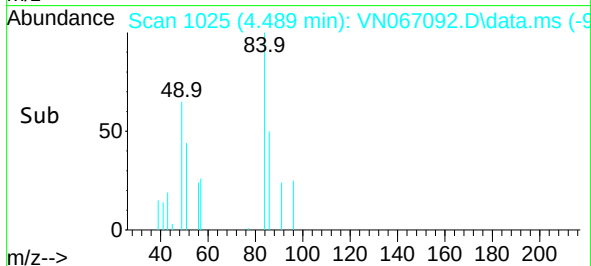
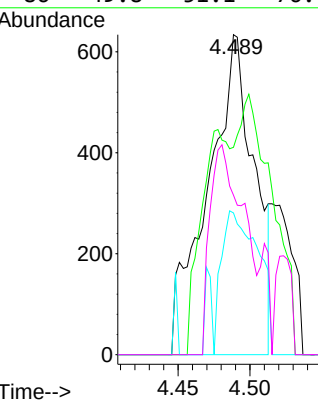
Ion Ratio Lower Upper

84 100

49 64.8 88.3 132.5#

51 44.3 26.7 40.1#

86 49.8 51.1 76.7#



#31

Cyclohexane

Concen: 0.94 ug/l

RT: 7.600 min Scan# 2185

Delta R.T. 0.017 min

Lab File: VN067092.D

Acq: 17 May 2021 11:24

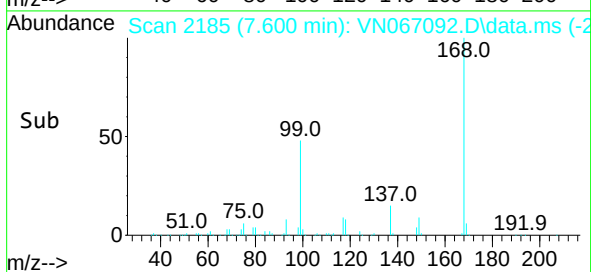
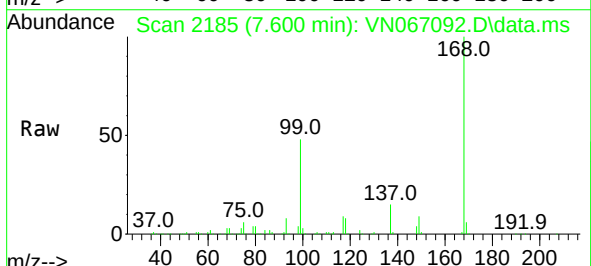
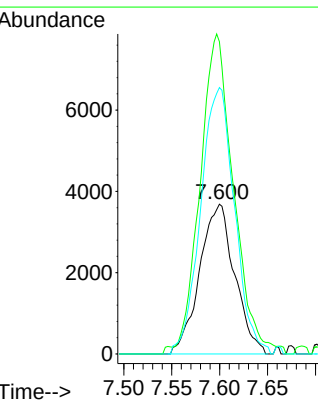
Tgt Ion: 56 Resp: 9364

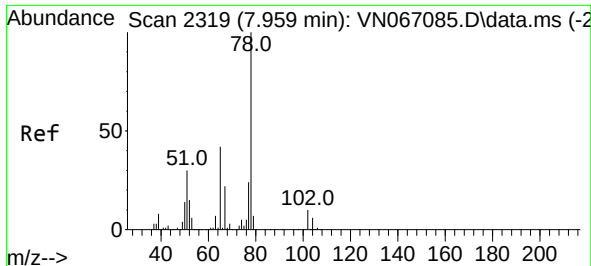
Ion Ratio Lower Upper

56 100

69 203.6 28.0 42.0#

84 178.0 74.2 111.2#

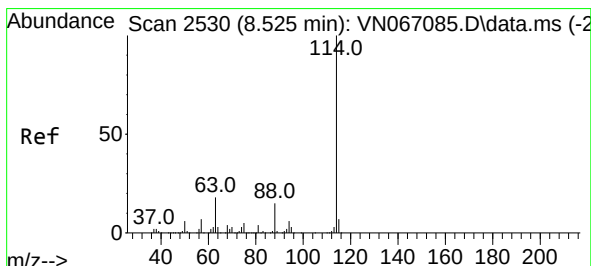
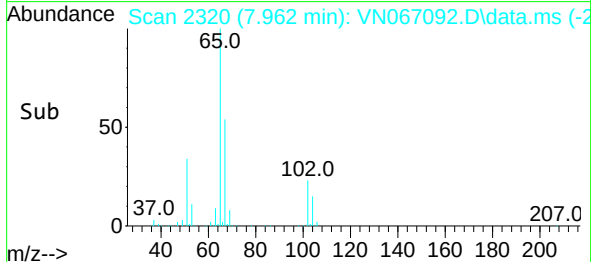
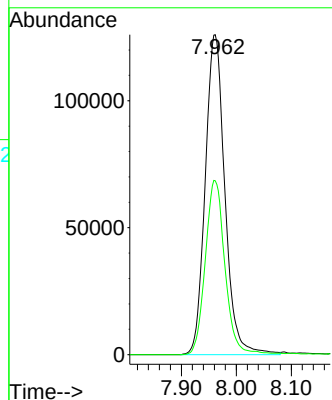
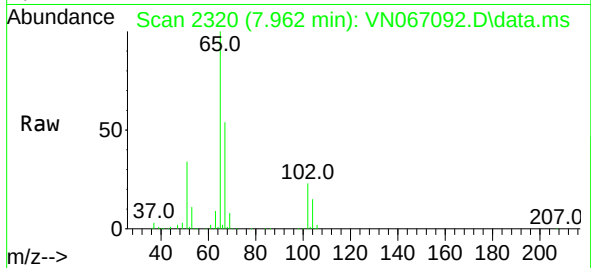




#33
1,2-Dichloroethane-d4
Concen: 43.43 ug/l
RT: 7.962 min Scan# 2320
Delta R.T. 0.003 min
Lab File: VN067092.D
Acq: 17 May 2021 11:24

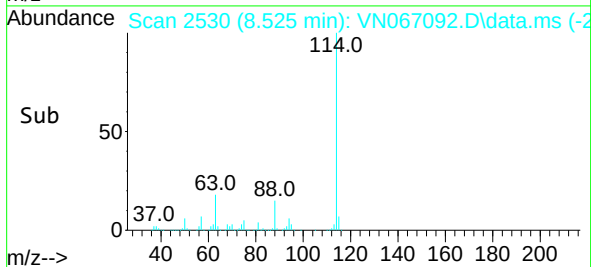
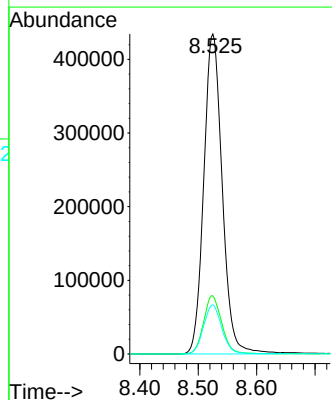
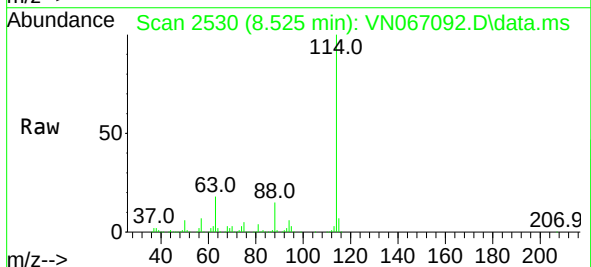
Instrument :
MSVOA_N
ClientSampled :

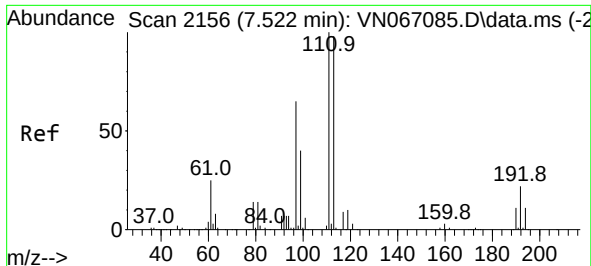
Tgt Ion: 65 Resp: 313662
Ion Ratio Lower Upper
65 100
67 54.3 0.0 110.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.525 min Scan# 2530
Delta R.T. -0.000 min
Lab File: VN067092.D
Acq: 17 May 2021 11:24

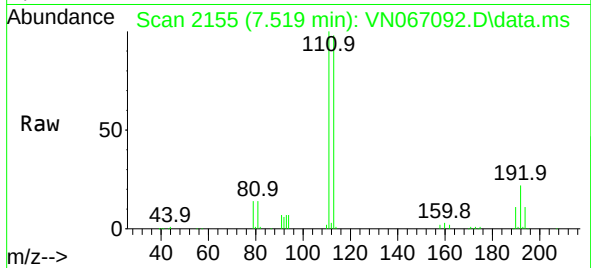
Tgt Ion: 114 Resp: 954336
Ion Ratio Lower Upper
114 100
63 18.2 0.0 35.8
88 15.3 0.0 30.4



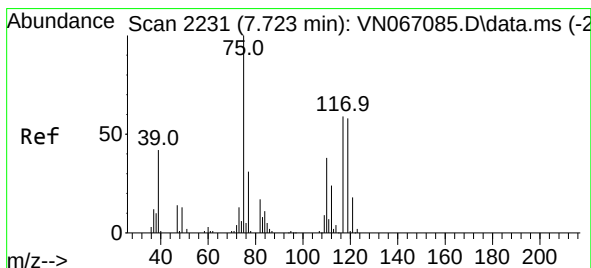
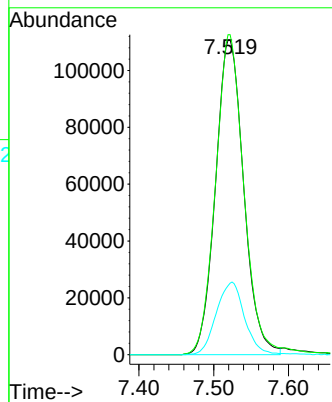
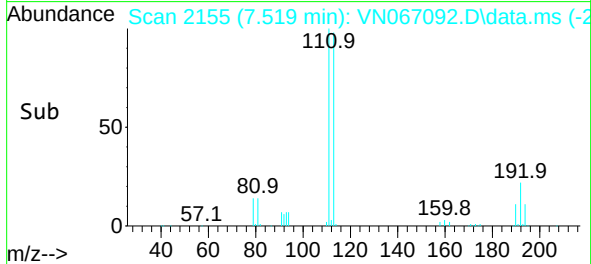


#35
Dibromofluoromethane
Concen: 46.28 ug/l
RT: 7.519 min Scan# 2155
Delta R.T. -0.003 min
Lab File: VN067092.D
Acq: 17 May 2021 11:24

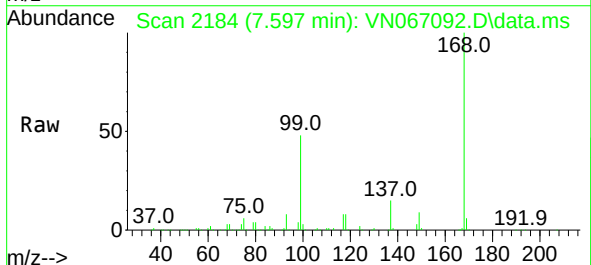
Instrument :
MSVOA_N
ClientSampled :



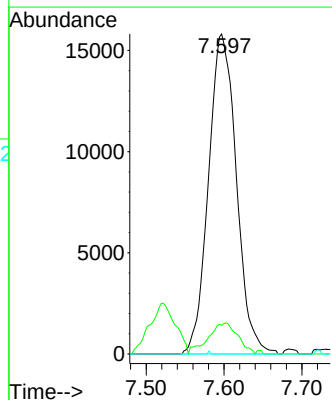
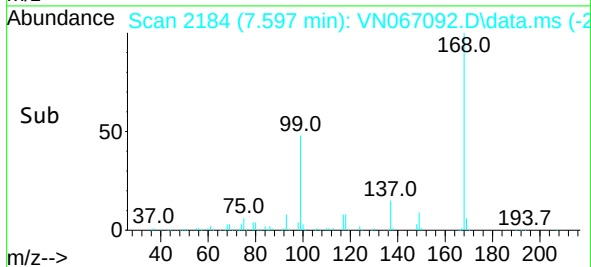
Tgt Ion:113 Resp: 289990
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 23.1 18.2 27.4

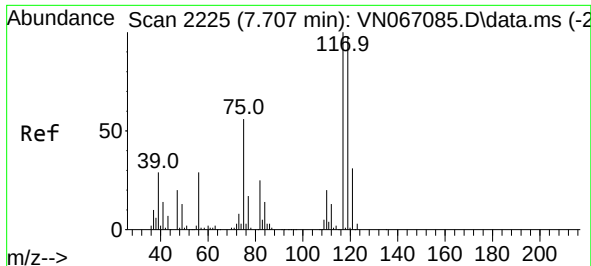


#36
1,1-Dichloropropene
Concen: 4.52 ug/l
RT: 7.597 min Scan# 2184
Delta R.T. -0.126 min
Lab File: VN067092.D
Acq: 17 May 2021 11:24



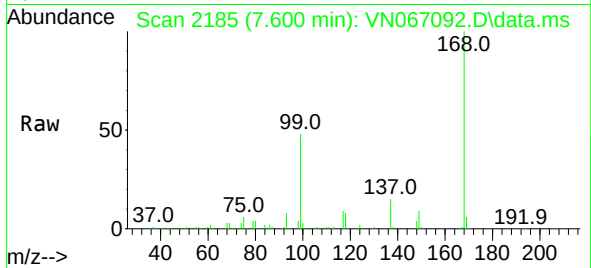
Tgt Ion: 75 Resp: 39311
Ion Ratio Lower Upper
75 100
110 10.3 19.1 57.3#
77 0.0 24.8 37.2#



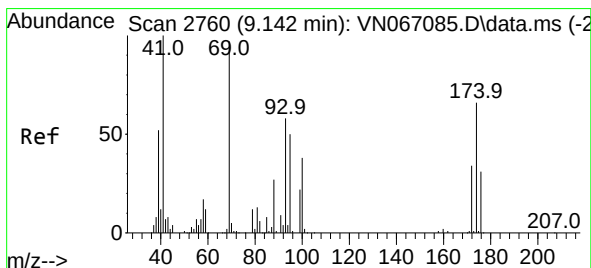
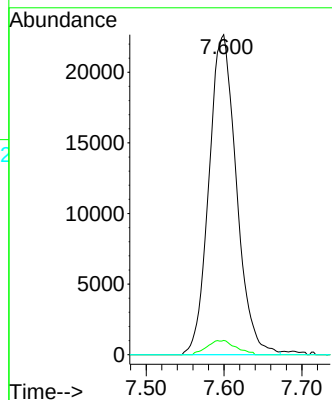
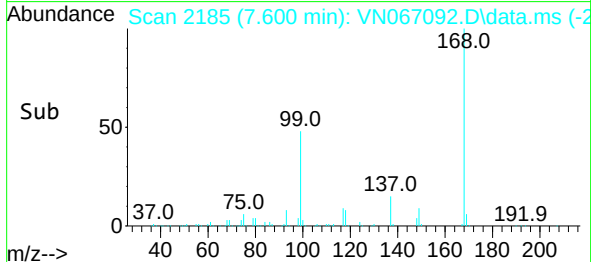


#38
Carbon Tetrachloride
Concen: 6.00 ug/l
RT: 7.600 min Scan# 2185
Delta R.T. -0.107 min
Lab File: VN067092.D
Acq: 17 May 2021 11:24

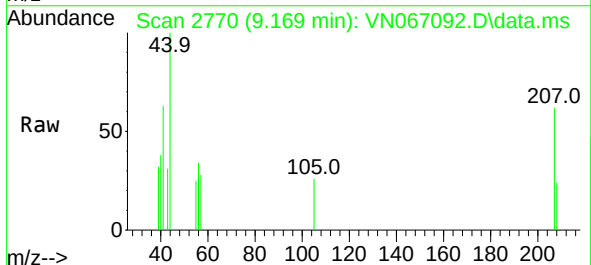
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MSVOA_N
ClientSampled :



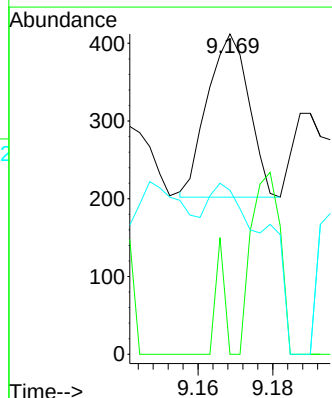
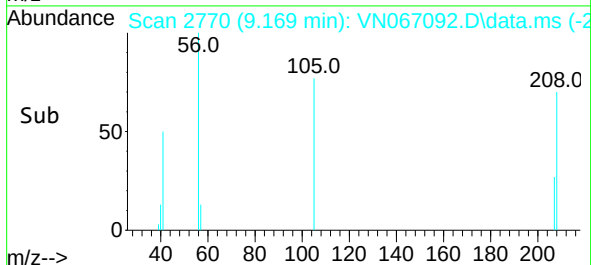
Tgt Ion: 117 Resp: 55590
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.7 37.1#

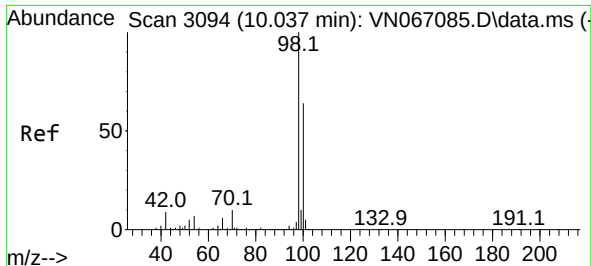


#48
Methyl methacrylate
Concen: 1.97 ug/l
RT: 9.169 min Scan# 2770
Delta R.T. 0.027 min
Lab File: VN067092.D
Acq: 17 May 2021 11:24



Tgt Ion: 41 Resp: 162
Ion Ratio Lower Upper
41 100
69 14.8 80.5 120.7#
39 0.0 41.4 62.0#

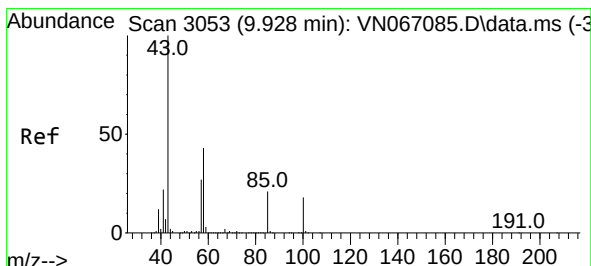
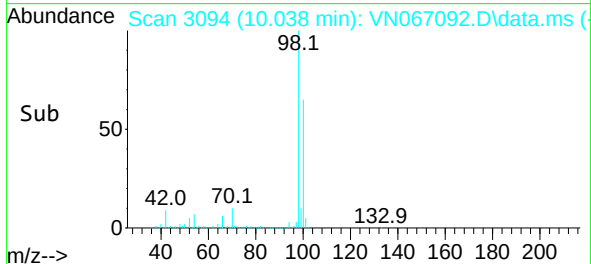
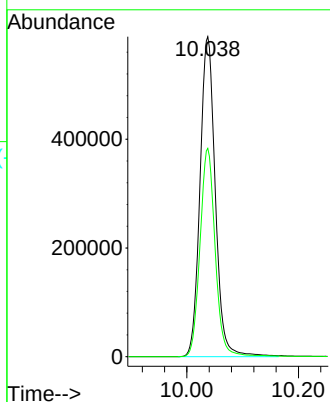
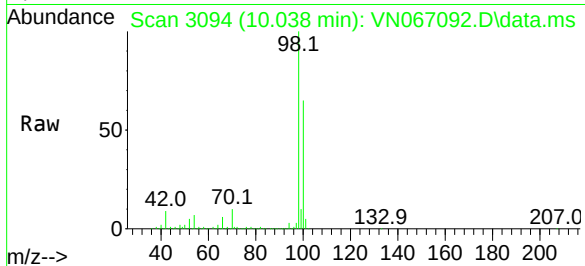




#50
Toluene-d8
Concen: 47.20 ug/l
RT: 10.038 min Scan# 3094
Delta R.T. 0.001 min
Lab File: VN067092.D
Acq: 17 May 2021 11:24

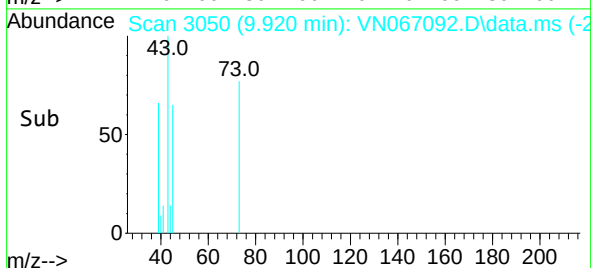
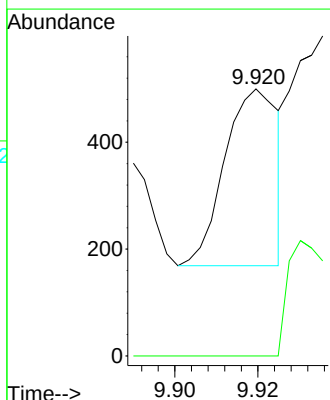
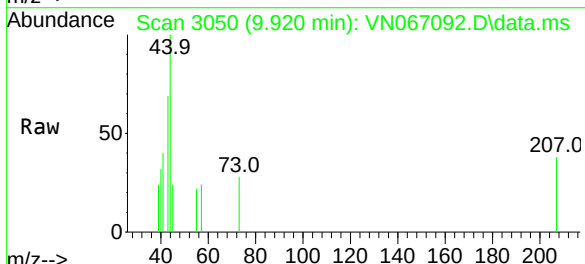
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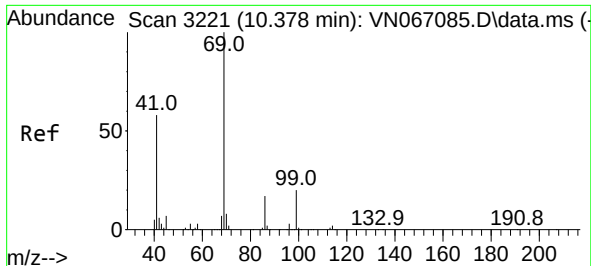
Tgt Ion: 98 Resp: 1120998
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 5.44 ug/l
RT: 9.920 min Scan# 3050
Delta R.T. -0.008 min
Lab File: VN067092.D
Acq: 17 May 2021 11:24

Tgt Ion: 43 Resp: 294
Ion Ratio Lower Upper
43 100
58 0.0 34.5 51.7#

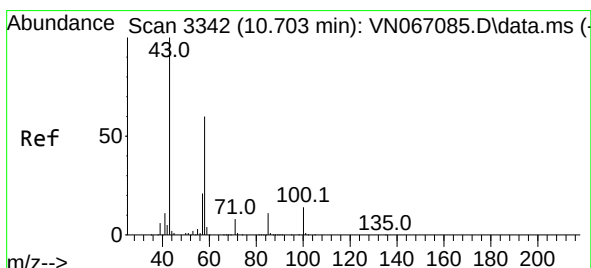
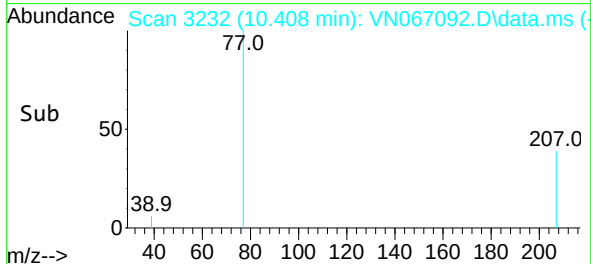
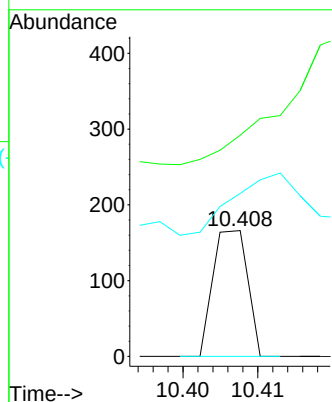
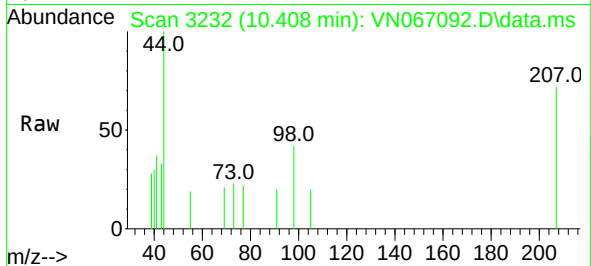




#56
Ethyl methacrylate
Concen: 1.95 ug/l
RT: 10.408 min Scan# 3232
Delta R.T. 0.030 min
Lab File: VN067092.D
Acq: 17 May 2021 11:24

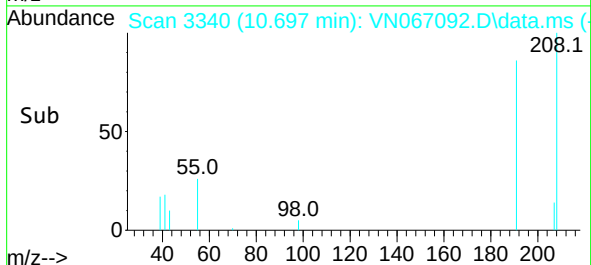
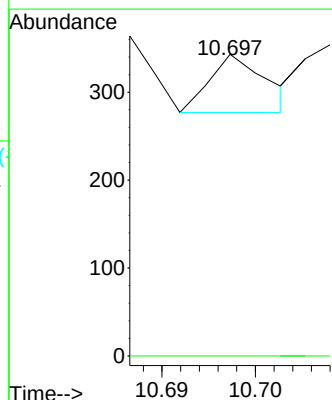
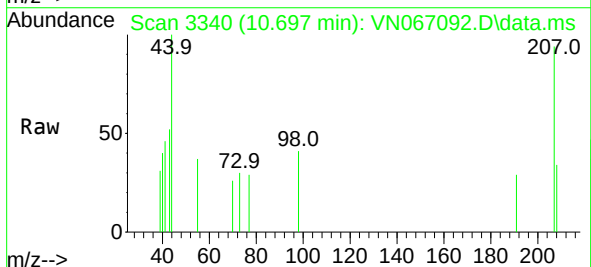
Instrument :
MSVOA_N
ClientSampled :

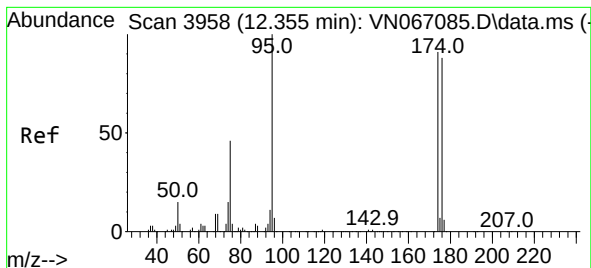
Tgt Ion: 69 Resp: 53
Ion Ratio Lower Upper
69 100
41 403.8 45.5 68.3#
39 98.1 22.9 34.3#



#59
2-Hexanone
Concen: 21.92 ug/l
RT: 10.697 min Scan# 3340
Delta R.T. -0.006 min
Lab File: VN067092.D
Acq: 17 May 2021 11:24

Tgt Ion: 43 Resp: 28
Ion Ratio Lower Upper
43 100
58 0.0 29.8 89.5#

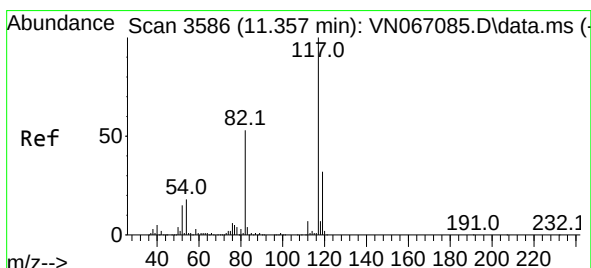
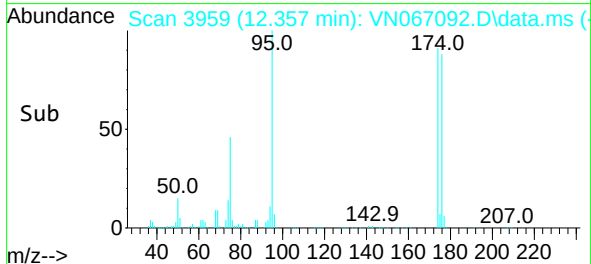
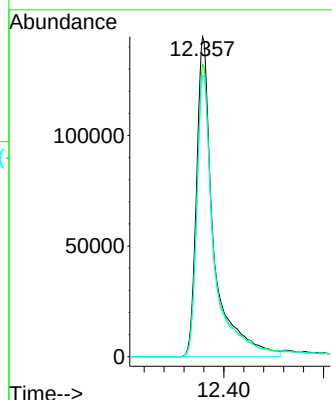
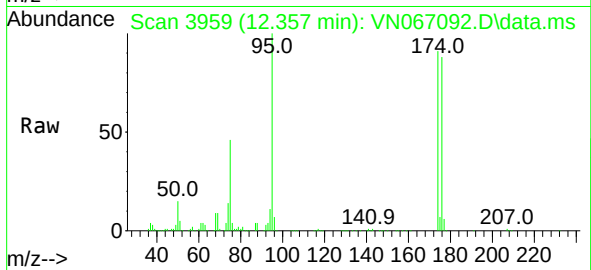




#62
4-Bromofluorobenzene
Concen: 43.37 ug/l
RT: 12.357 min Scan# 3959
Delta R.T. 0.002 min
Lab File: VN067092.D
Acq: 17 May 2021 11:24

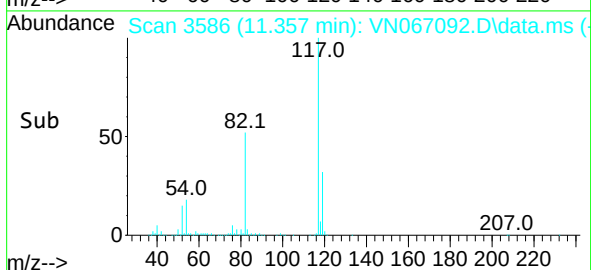
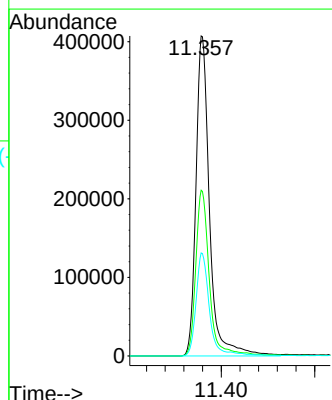
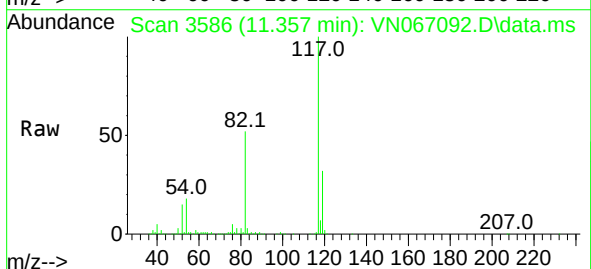
Instrument :
MSVOA_N
ClientSampleId :

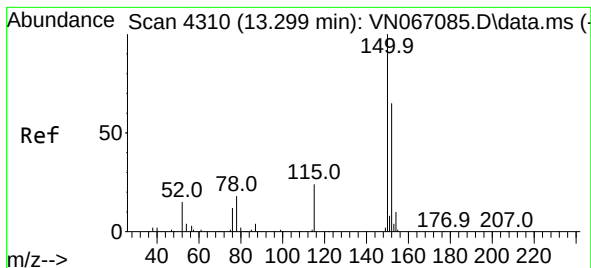
Tgt Ion: 95 Resp: 345006
Ion Ratio Lower Upper
95 100
174 89.5 0.0 182.8
176 88.1 0.0 176.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.357 min Scan# 3586
Delta R.T. 0.000 min
Lab File: VN067092.D
Acq: 17 May 2021 11:24

Tgt Ion: 117 Resp: 820217
Ion Ratio Lower Upper
117 100
82 51.8 42.2 63.2
119 32.2 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.301 min Scan# 4311

Delta R.T. 0.002 min

Lab File: VN067092.D

Acq: 17 May 2021 11:24

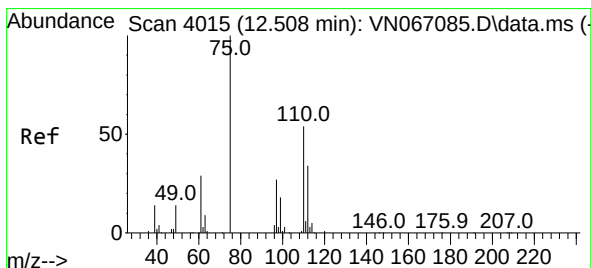
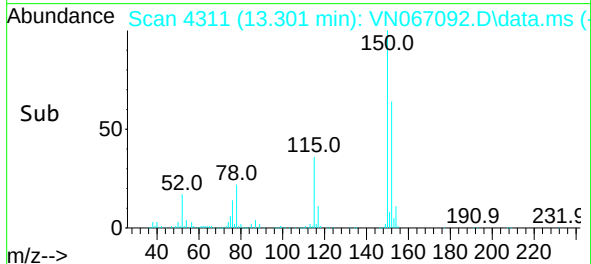
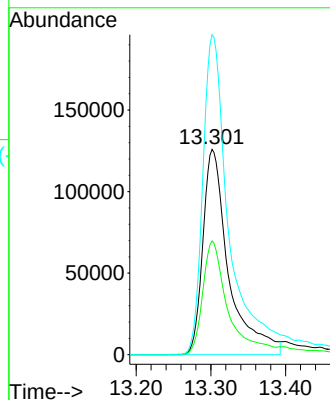
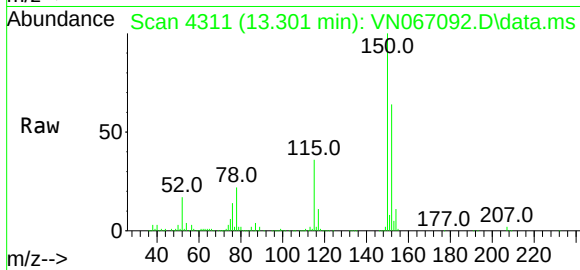
Tgt Ion:152 Resp: 303013

Ion Ratio Lower Upper

152 100

115 54.2 27.0 80.8

150 161.4 0.0 350.2



#76

1,2,3-Trichloropropane

Concen: 24.52 ug/l

RT: 12.357 min Scan# 3959

Delta R.T. -0.151 min

Lab File: VN067092.D

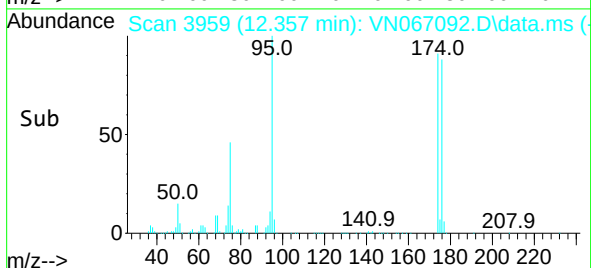
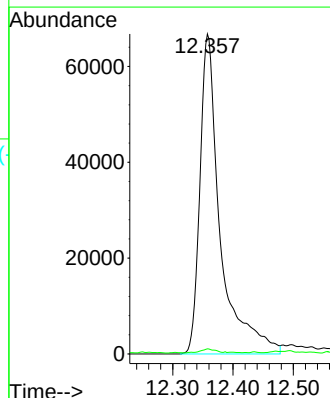
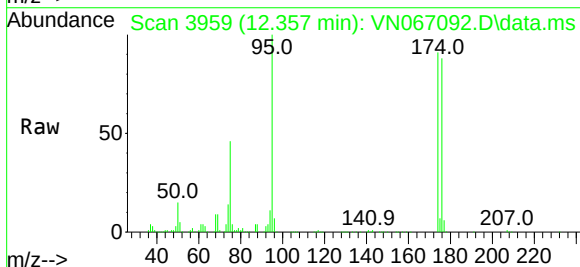
Acq: 17 May 2021 11:24

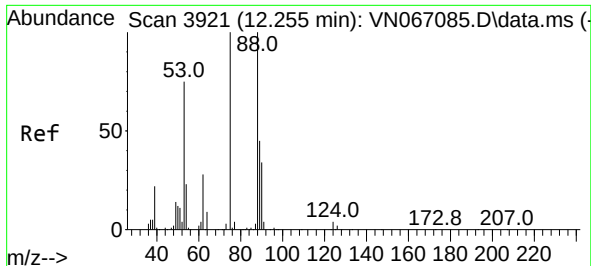
Tgt Ion: 75 Resp: 156801

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#

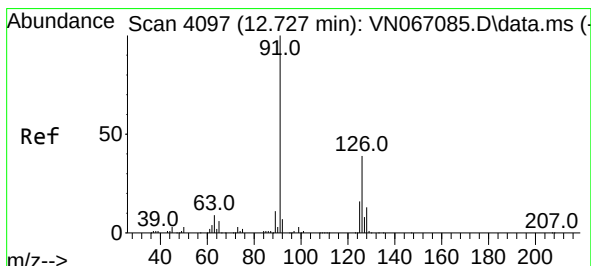
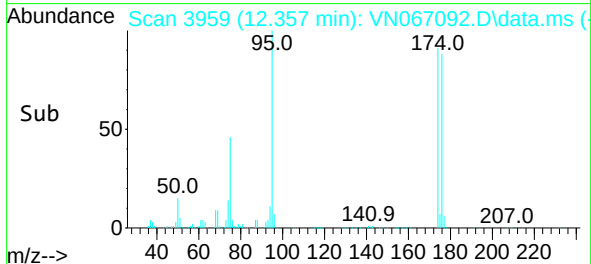
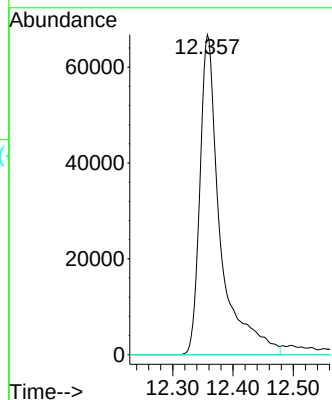
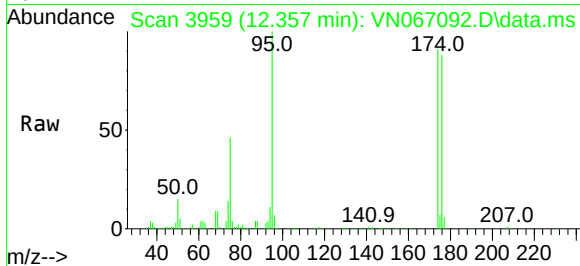




#81
trans-1,4-Dichloro-2-butene
Concen: 73.21 ug/l
RT: 12.357 min Scan# 3959
Delta R.T. 0.102 min
Lab File: VN067092.D
Acq: 17 May 2021 11:24

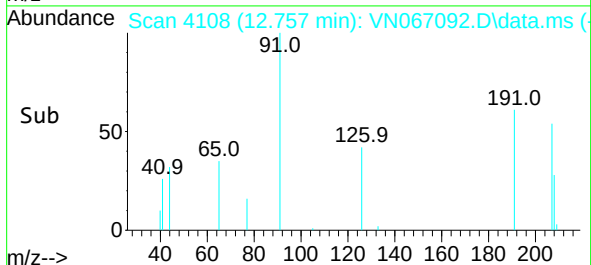
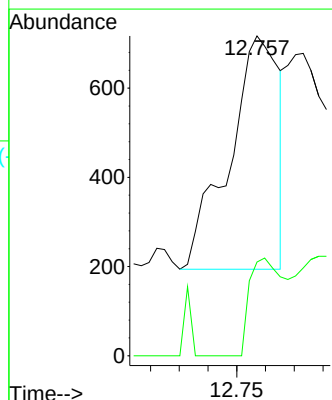
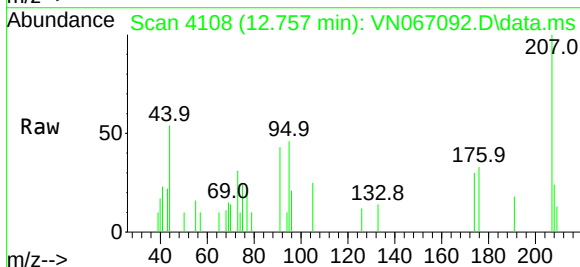
Instrument :
MSVOA_N
ClientSampleId :

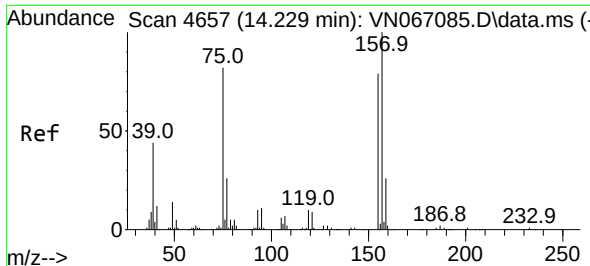
Tgt Ion: 75 Resp: 156801
Ion Ratio Lower Upper
75 100
53 0.0 66.3 99.5#
89 0.0 39.5 59.3#



#82
4-Chlorotoluene
Concen: 1.22 ug/l
RT: 12.757 min Scan# 4108
Delta R.T. 0.030 min
Lab File: VN067092.D
Acq: 17 May 2021 11:24

Tgt Ion: 91 Resp: 626
Ion Ratio Lower Upper
91 100
126 29.4 17.7 53.1

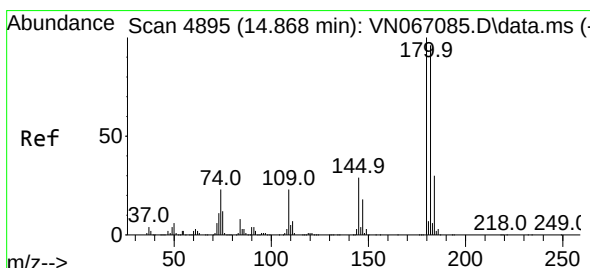
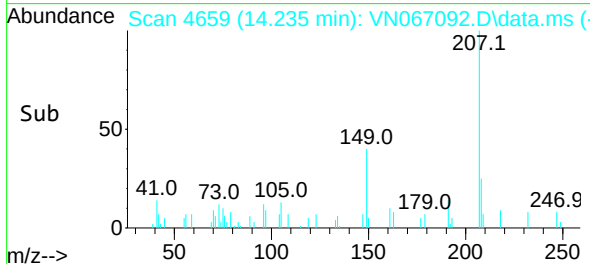
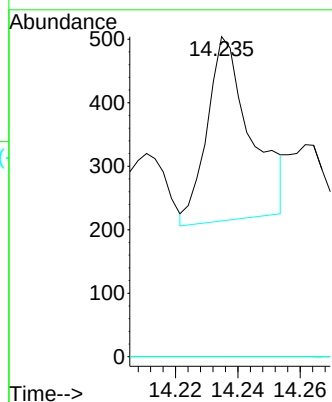
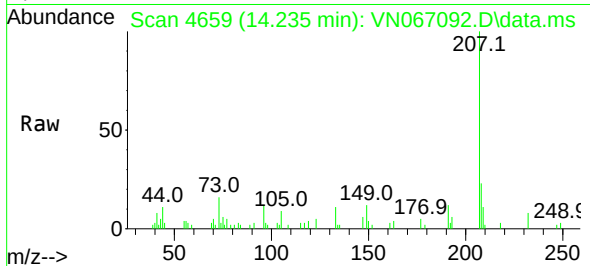




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.25 ug/l
 RT: 14.235 min Scan# 4659
 Delta R.T. 0.006 min
 Lab File: VN067092.D
 Acq: 17 May 2021 11:24

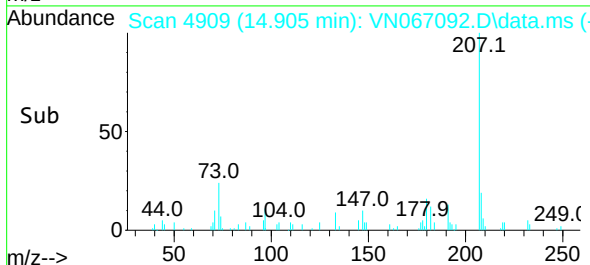
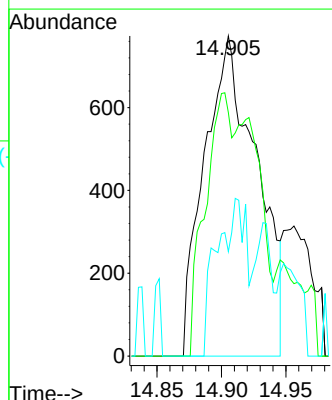
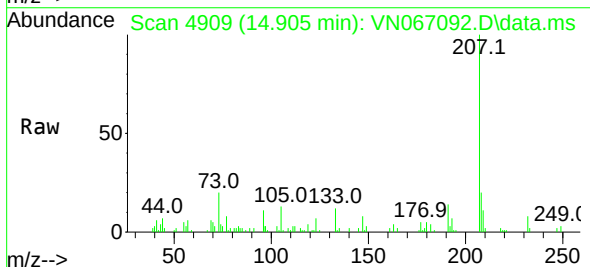
Instrument :
 MSVOA_N
 ClientSampled :

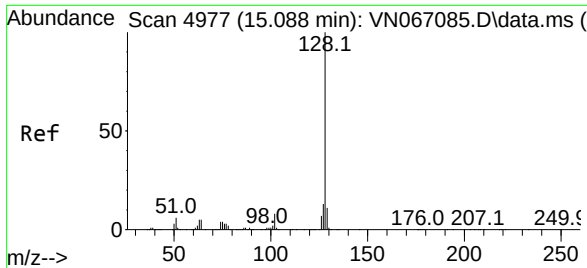
Tgt Ion: 75 Resp: 281
 Ion Ratio Lower Upper
 75 100
 155 0.0 49.9 149.7#
 157 0.0 63.8 191.4#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.41 ug/l
 RT: 14.905 min Scan# 4909
 Delta R.T. 0.037 min
 Lab File: VN067092.D
 Acq: 17 May 2021 11:24

Tgt Ion: 180 Resp: 2177
 Ion Ratio Lower Upper
 180 100
 182 45.0 47.3 141.8#
 145 28.7 14.0 42.0

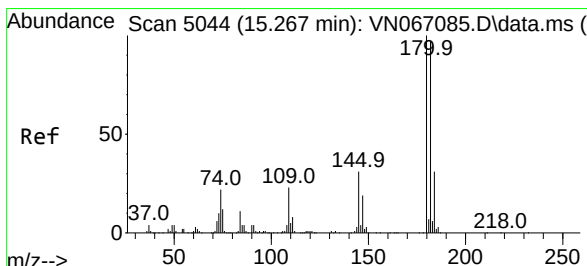
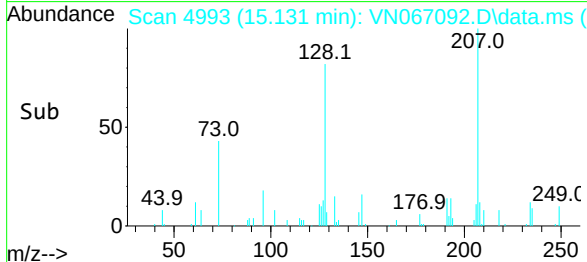
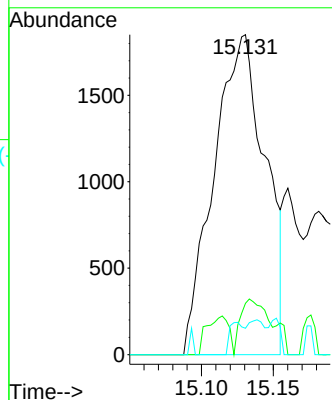
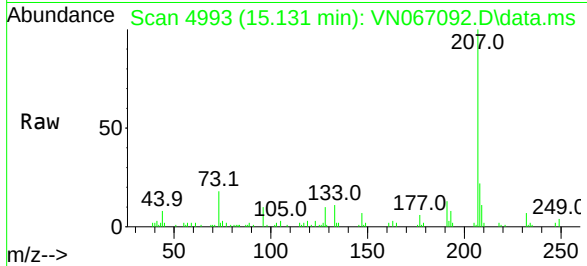




#95
Naphthalene
Concen: 3.59 ug/l
RT: 15.131 min Scan# 4993
Delta R.T. 0.043 min
Lab File: VN067092.D
Acq: 17 May 2021 11:24

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 4594
Ion Ratio Lower Upper
128 100
127 10.6 10.2 15.2
129 3.2 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.25 ug/l
RT: 15.283 min Scan# 5050
Delta R.T. 0.016 min
Lab File: VN067092.D
Acq: 17 May 2021 11:24

Tgt Ion:180 Resp: 1263
Ion Ratio Lower Upper
180 100
182 54.9 48.5 145.6
145 7.4 15.4 46.2#

