

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062821\
 Data File : VN067536.D
 Acq On : 28 Jun 2021 17:26
 Operator : JC/MD
 Sample : VN0628WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBL01

Quant Time: Jun 29 05:24:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062821W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 28 14:31:03 2021
 Response via : Initial Calibration

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

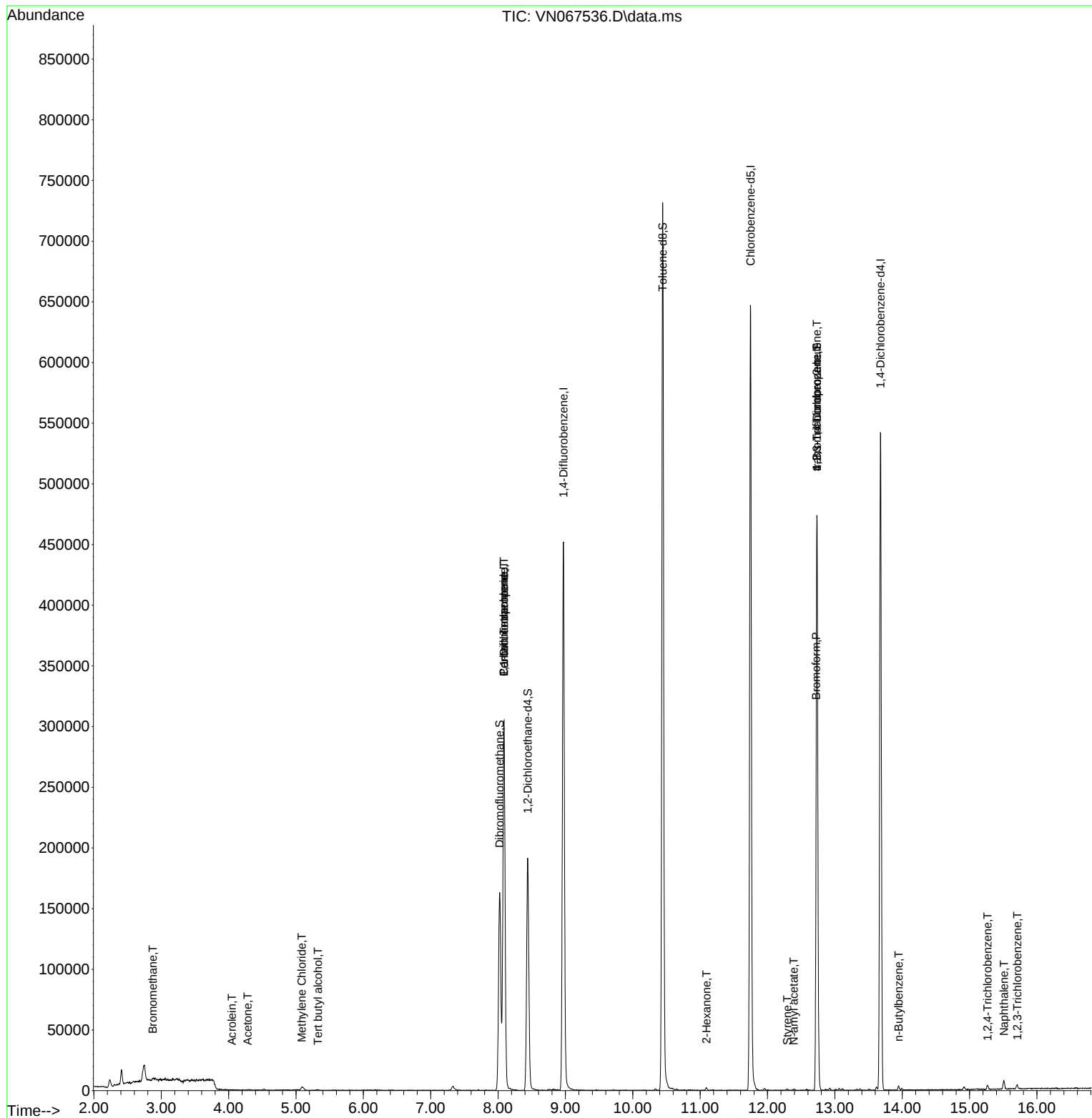
Internal Standards						
1) Pentafluorobenzene	8.088	168	213944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	401695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	381430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	140214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	161125	55.029	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	110.060%
35) Dibromofluoromethane	8.024	113	121062	48.610	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.220%
50) Toluene-d8	10.443	98	531496	52.535	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.060%
62) 4-Bromofluorobenzene	12.733	95	173226	49.019	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.040%
Target Compounds						
					Qvalue	
5) Bromomethane	2.875	94	727	0.276	ug/l #	69
11) Tert butyl alcohol	5.329	59	121	0.277	ug/l #	71
13) Acrolein	4.049	56	76	2.488	ug/l #	56
16) Acetone	4.283	43	288	0.298	ug/l #	48
20) Methylene Chloride	5.087	84	1739	0.483	ug/l	90
31) Cyclohexane	8.088	56	5628	Below Cal	#	21
36) 1,1-Dichloropropene	8.088	75	19755	5.448	ug/l #	45
38) Carbon Tetrachloride	8.088	117	24406	6.283	ug/l #	17
59) 2-Hexanone	11.095	43	1704	0.703	ug/l	97
70) Styrene	12.296	104	510	1.934	ug/l #	55
71) Bromoform	12.723	173	175	3.528	ug/l #	29
74) N-amyl acetate	12.390	43	881	0.228	ug/l #	84
76) 1,2,3-Trichloropropane	12.733	75	95573	34.007	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	95573	97.770	ug/l #	6
89) n-Butylbenzene	13.948	91	2310	0.302	ug/l	95
93) 1,2,4-Trichlorobenzene	15.268	180	1296	0.638	ug/l	87
95) Naphthalene	15.509	128	6784	4.102	ug/l	97
96) 1,2,3-Trichlorobenzene	15.710	180	1374	0.691	ug/l	70

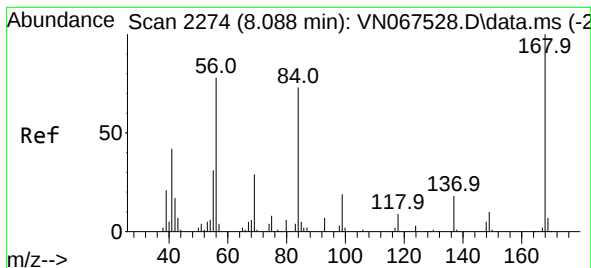
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. 0.000 min

Lab File: VN067536.D

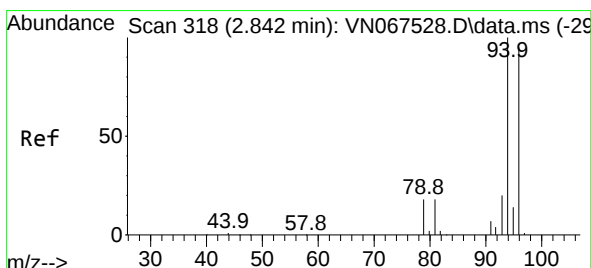
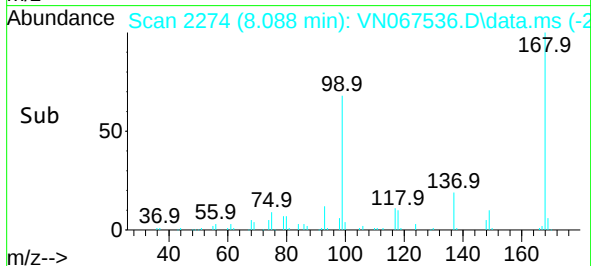
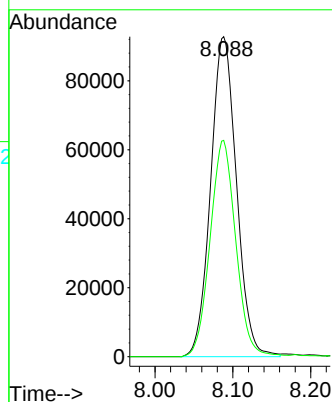
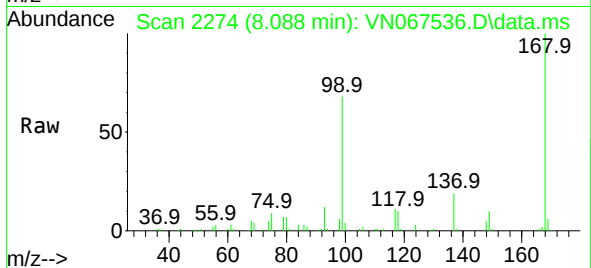
Acq: 28 Jun 2021 17:26

Tgt Ion:168 Resp: 213944

Ion Ratio Lower Upper

168 100

99 67.6 62.9 94.3



#5

Bromomethane

Concen: 0.276 ug/l

RT: 2.875 min Scan# 330

Delta R.T. 0.033 min

Lab File: VN067536.D

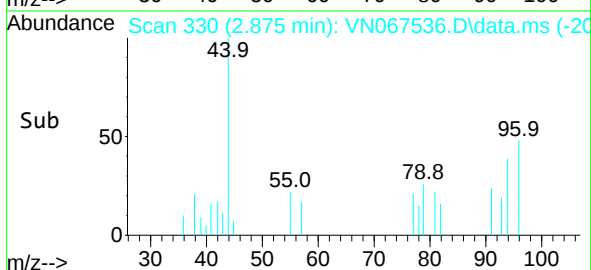
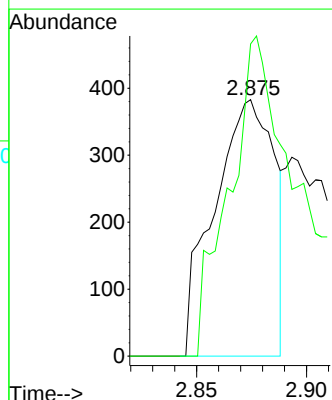
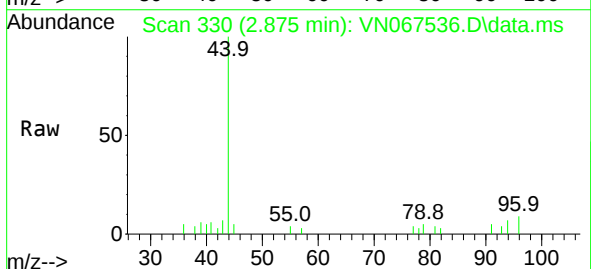
Acq: 28 Jun 2021 17:26

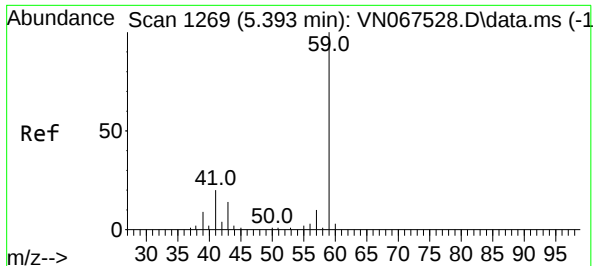
Tgt Ion: 94 Resp: 727

Ion Ratio Lower Upper

94 100

96 121.7 73.7 110.5#



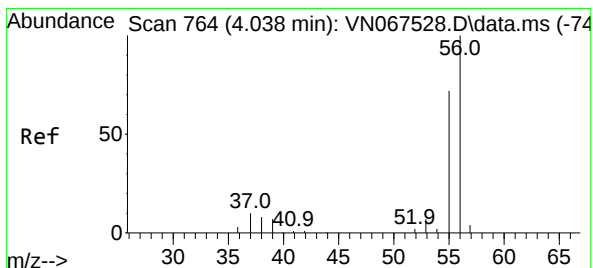
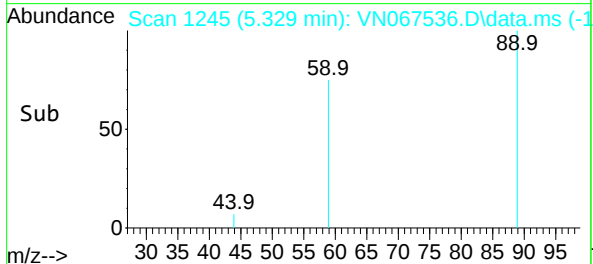
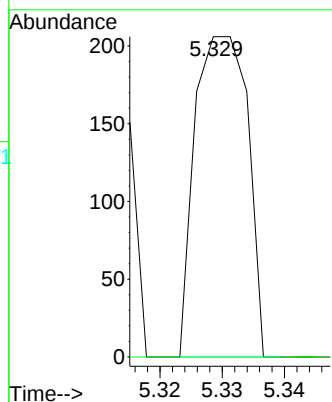
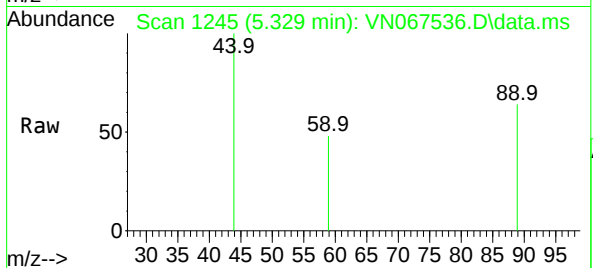


#11

Tert butyl alcohol
Concen: 0.277 ug/l
RT: 5.329 min Scan# 1245
Delta R.T. -0.064 min
Lab File: VN067536.D
Acq: 28 Jun 2021 17:26

Instrument :
MSVOA_N
ClientSampleId :
VN0628WBL01

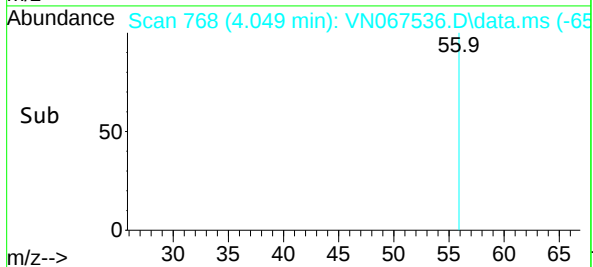
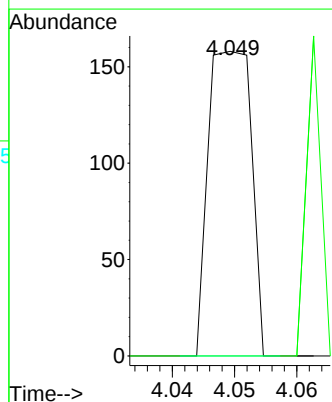
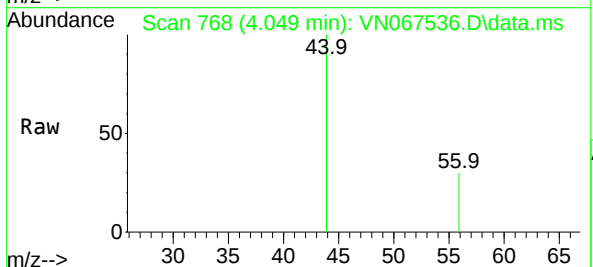
Tgt Ion: 59 Resp: 121
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

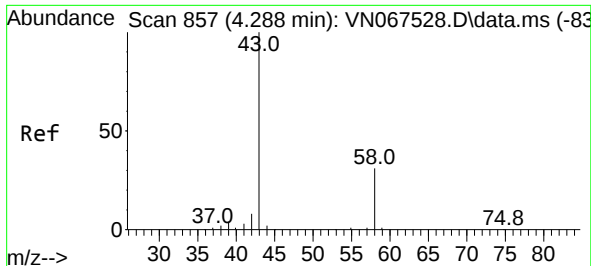


#13

Acrolein
Concen: 2.488 ug/l
RT: 4.049 min Scan# 768
Delta R.T. 0.011 min
Lab File: VN067536.D
Acq: 28 Jun 2021 17:26

Tgt Ion: 56 Resp: 76
Ion Ratio Lower Upper
56 100
55 35.5 57.4 86.0#

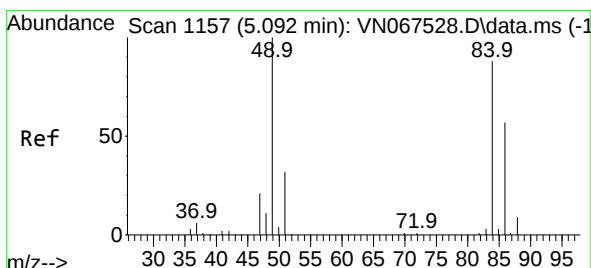
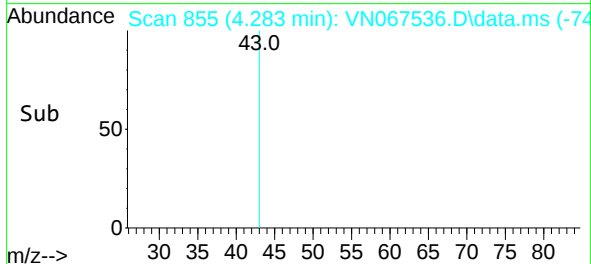
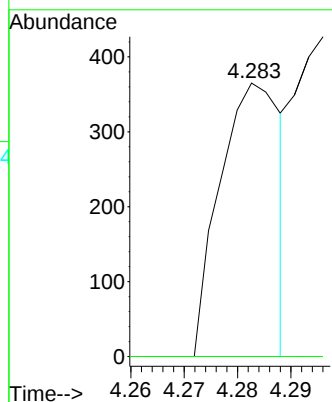
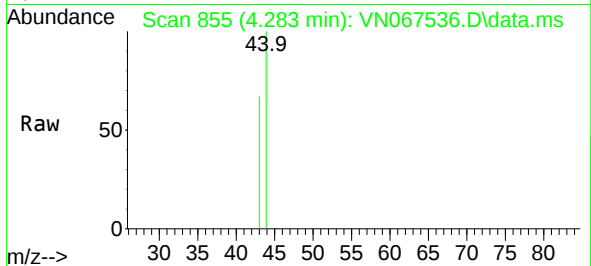




#16
Acetone
Concen: 0.298 ug/l
RT: 4.283 min Scan# 855
Delta R.T. -0.005 min
Lab File: VN067536.D
Acq: 28 Jun 2021 17:26

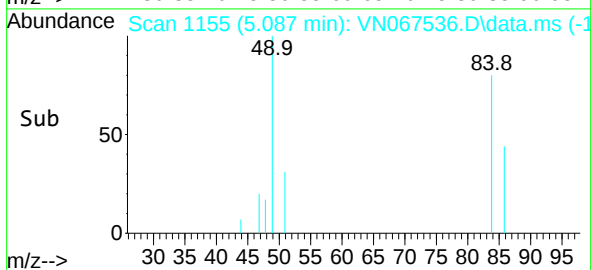
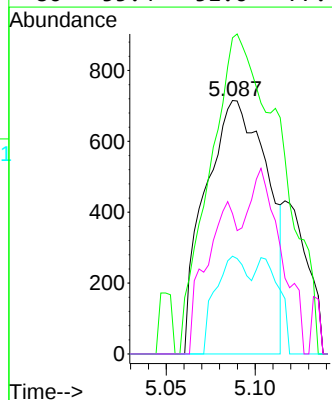
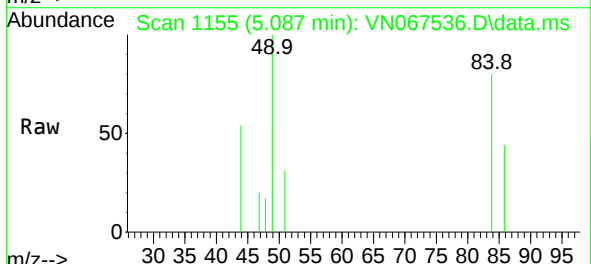
Instrument :
MSVOA_N
ClientSampled :
VN0628WBL01

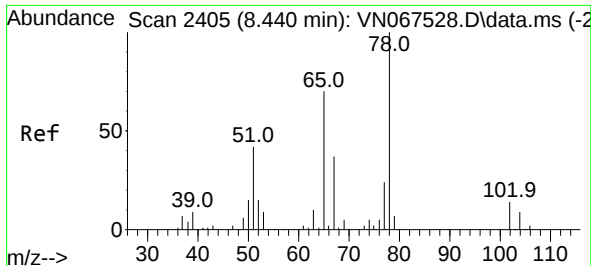
Tgt Ion: 43 Resp: 288
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#



#20
Methylene Chloride
Concen: 0.483 ug/l
RT: 5.087 min Scan# 1155
Delta R.T. -0.005 min
Lab File: VN067536.D
Acq: 28 Jun 2021 17:26

Tgt Ion: 84 Resp: 1739
Ion Ratio Lower Upper
84 100
49 124.8 110.9 166.3
51 38.6 32.6 49.0
86 55.4 51.6 77.4



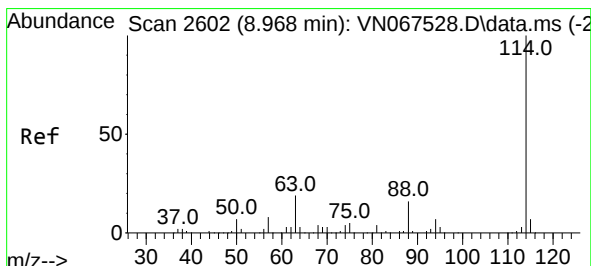
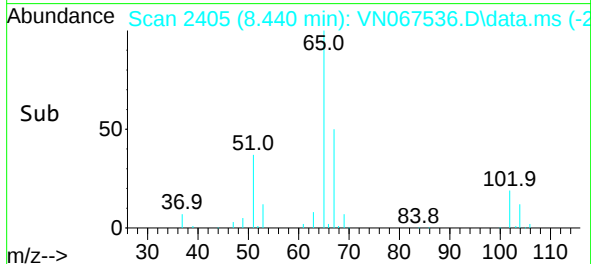
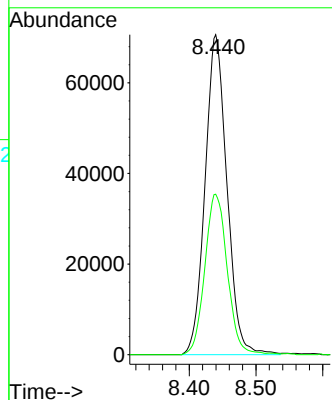
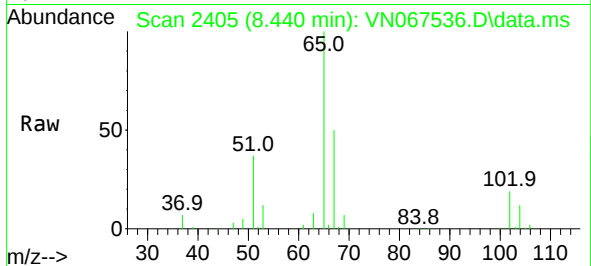


#33

1,2-Dichloroethane-d4
Concen: 55.029 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067536.D
Acq: 28 Jun 2021 17:26

Instrument :
MSVOA_N
ClientSampleId :
VN0628WBL01

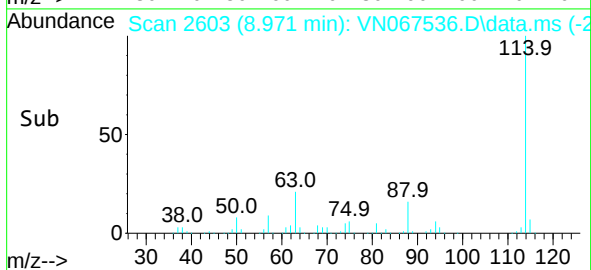
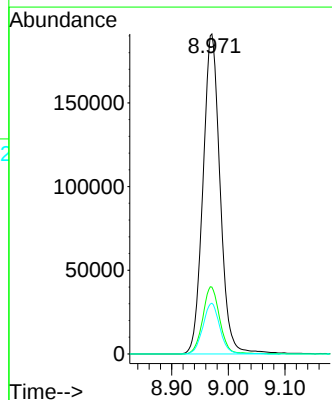
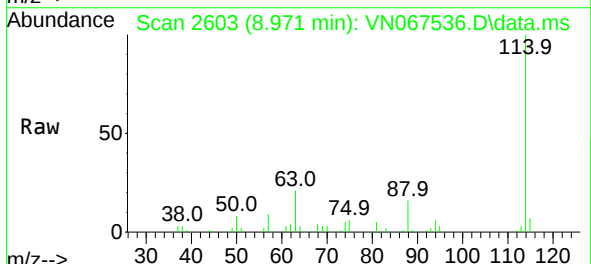
Tgt Ion: 65 Resp: 161125
Ion Ratio Lower Upper
65 100
67 51.4 0.0 98.6

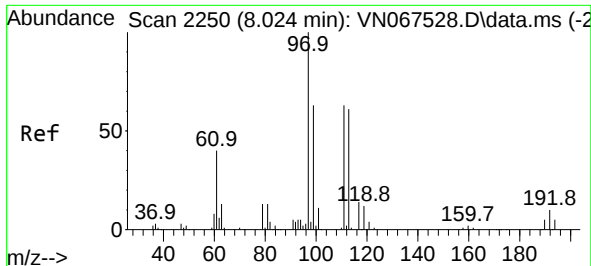


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067536.D
Acq: 28 Jun 2021 17:26

Tgt Ion: 114 Resp: 401695
Ion Ratio Lower Upper
114 100
63 20.9 0.0 49.0
88 15.9 0.0 36.6

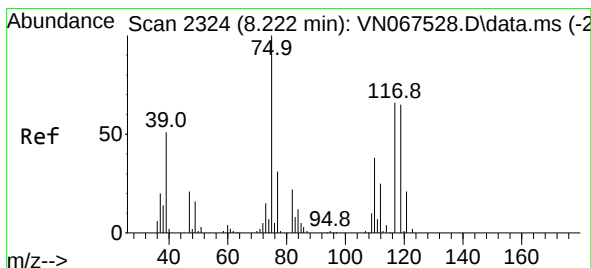
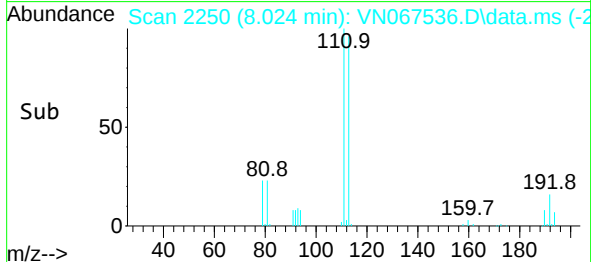
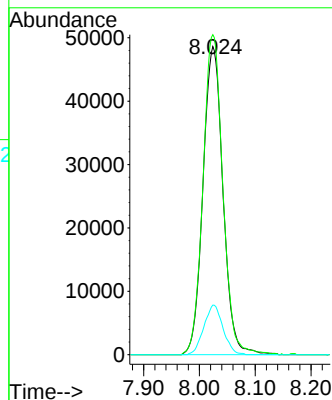
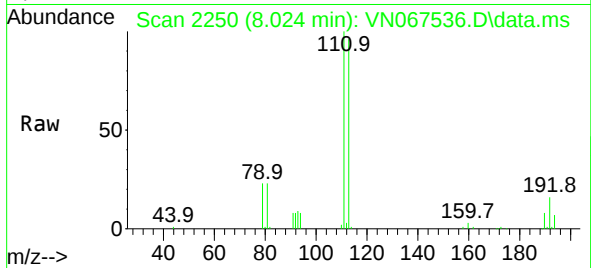




#35
Dibromofluoromethane
Concen: 48.610 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067536.D
Acq: 28 Jun 2021 17:26

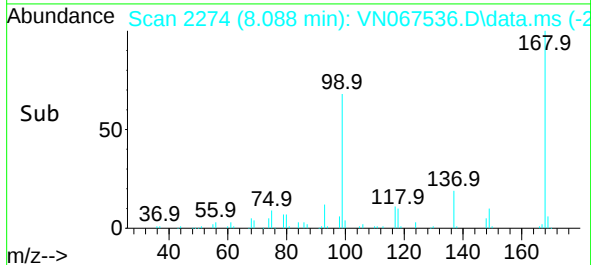
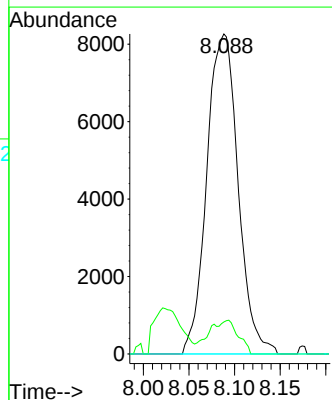
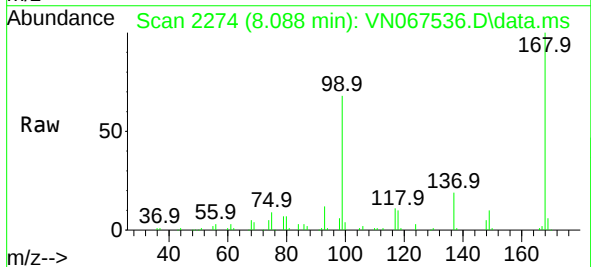
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBL01

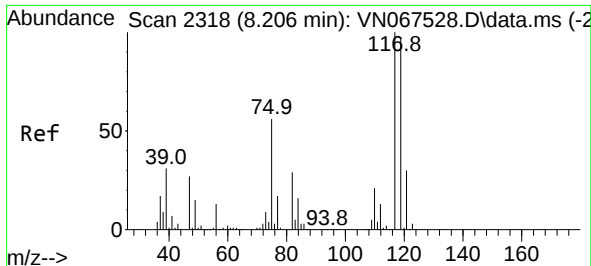
Tgt Ion:113 Resp: 121062
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.8
192 15.5 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.448 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN067536.D
Acq: 28 Jun 2021 17:26

Tgt Ion: 75 Resp: 19755
Ion Ratio Lower Upper
75 100
110 1.8 15.7 47.0#
77 0.0 24.6 37.0#

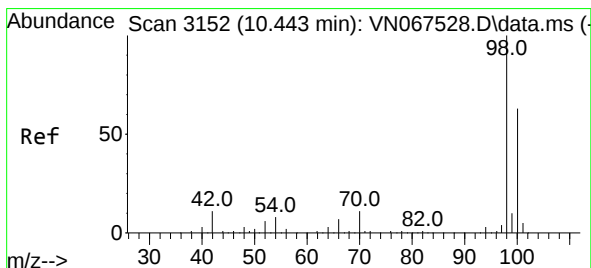
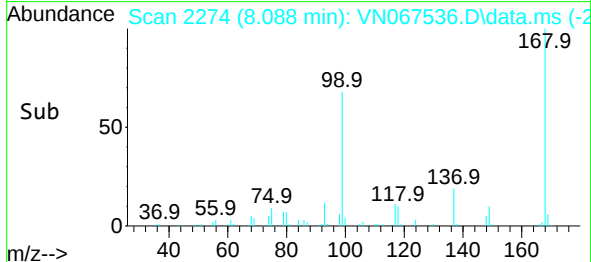
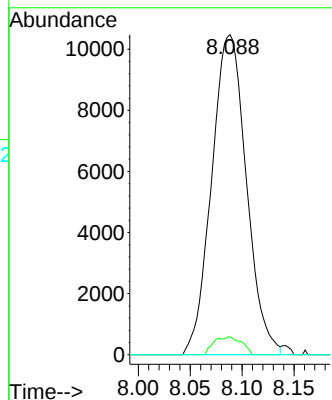
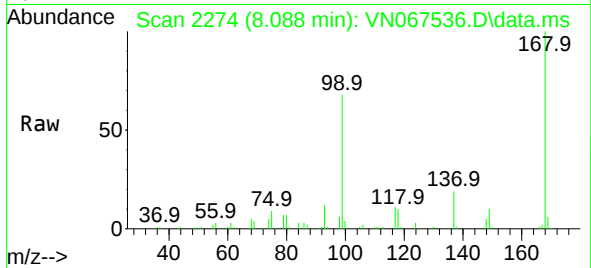




#38
Carbon Tetrachloride
Concen: 6.283 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN067536.D
Acq: 28 Jun 2021 17:26

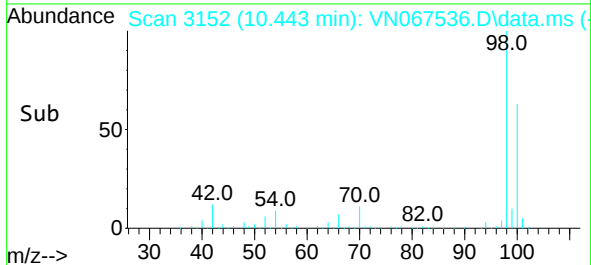
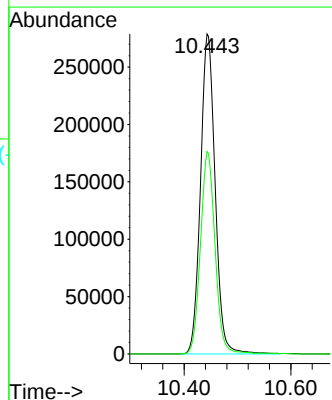
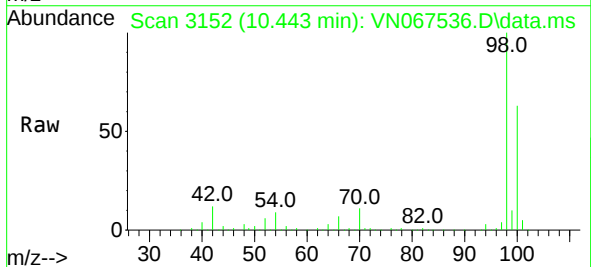
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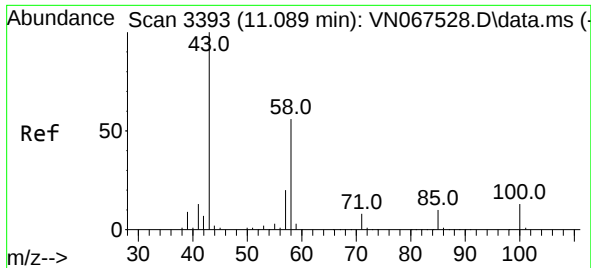
Tgt Ion:117 Resp: 24406
Ion Ratio Lower Upper
117 100
119 5.6 75.4 113.2#
121 0.0 23.5 35.3#



#50
Toluene-d8
Concen: 52.535 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067536.D
Acq: 28 Jun 2021 17:26

Tgt Ion: 98 Resp: 531496
Ion Ratio Lower Upper
98 100
100 62.8 51.7 77.5

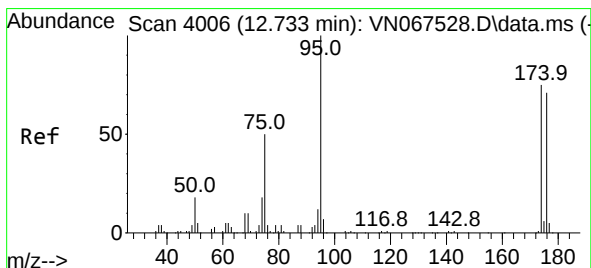
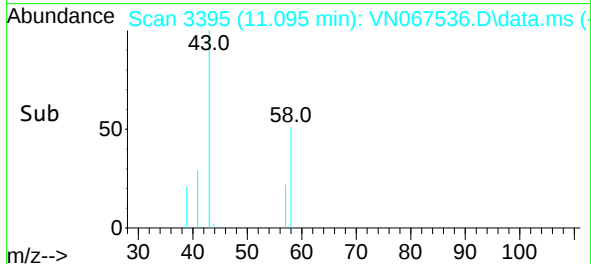
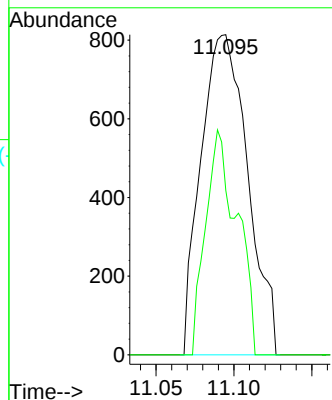
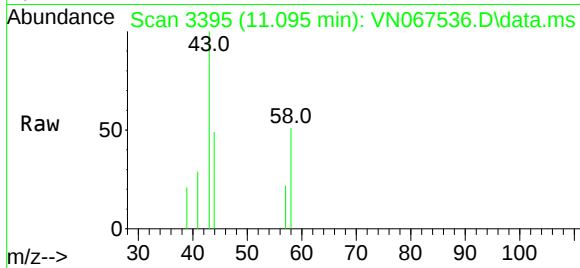




#59
2-Hexanone
Concen: 0.703 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.006 min
Lab File: VN067536.D
Acq: 28 Jun 2021 17:26

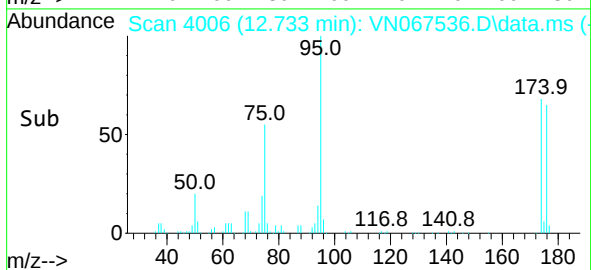
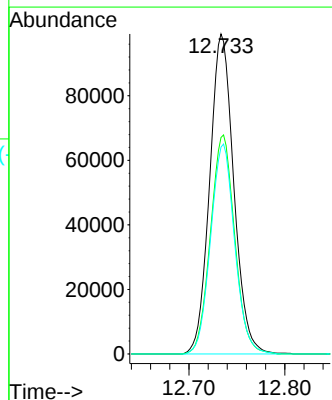
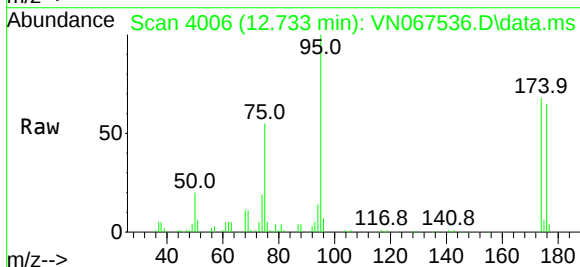
Instrument :
MSVOA_N
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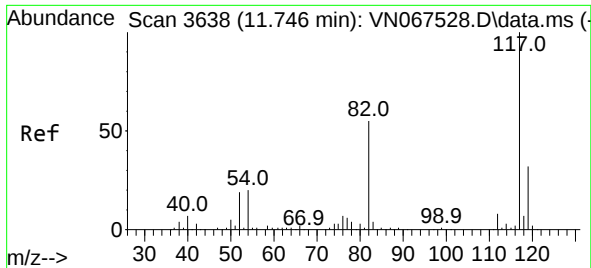
Tgt Ion: 43 Resp: 1704
Ion Ratio Lower Upper
43 100
58 47.1 24.7 74.1



#62
4-Bromofluorobenzene
Concen: 49.019 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067536.D
Acq: 28 Jun 2021 17:26

Tgt Ion: 95 Resp: 173226
Ion Ratio Lower Upper
95 100
174 68.6 0.0 122.0
176 65.5 0.0 117.6

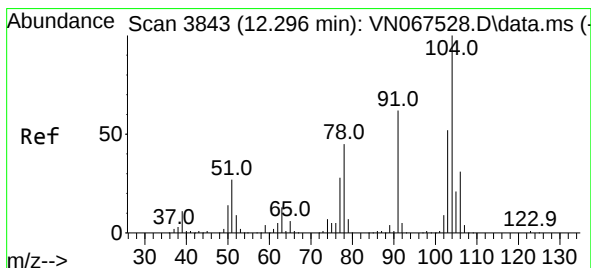
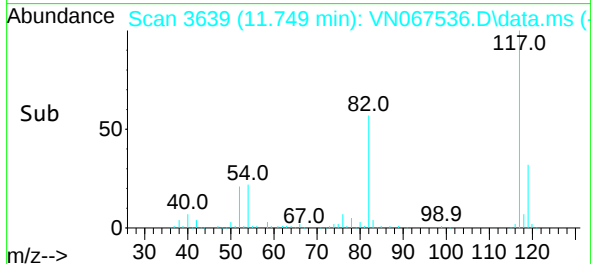
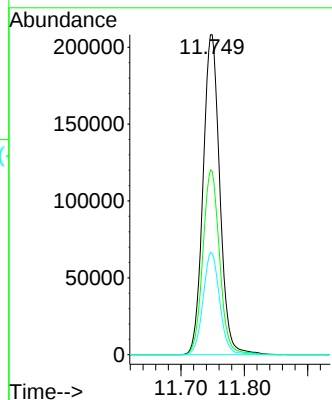
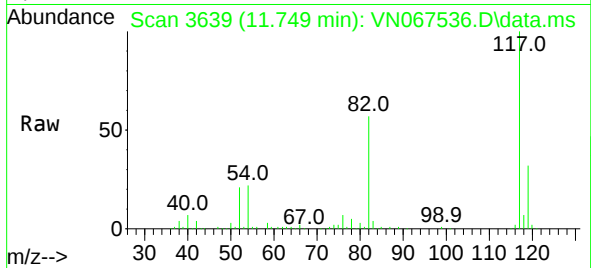




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067536.D
Acq: 28 Jun 2021 17:26

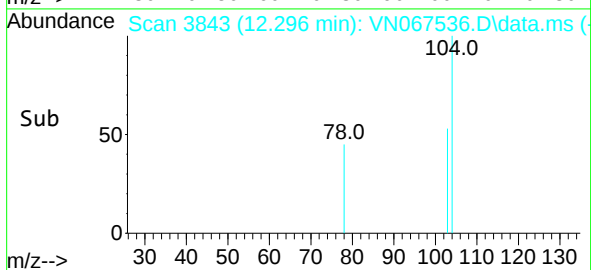
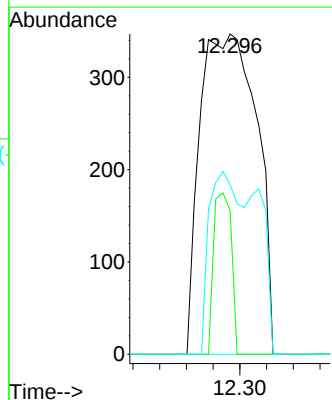
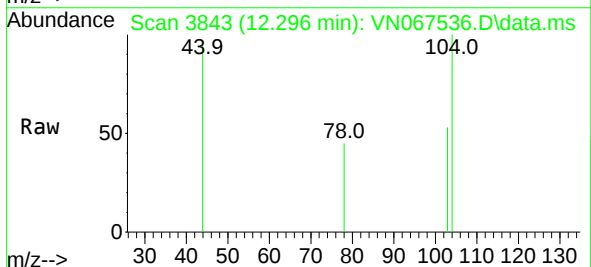
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBL01

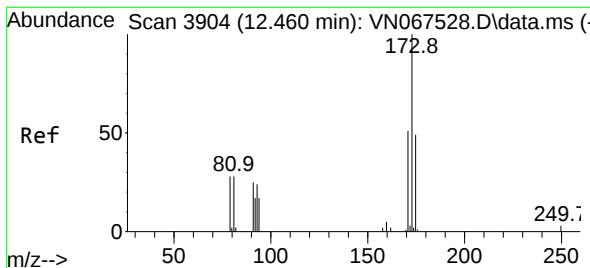
Tgt Ion:117 Resp: 381430
Ion Ratio Lower Upper
117 100
82 57.3 53.1 79.7
119 31.7 25.5 38.3



#70
Styrene
Concen: 1.934 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN067536.D
Acq: 28 Jun 2021 17:26

Tgt Ion:104 Resp: 510
Ion Ratio Lower Upper
104 100
78 15.7 48.2 72.2#
103 33.1 44.5 66.7#





#71

Bromoform

Concen: 3.528 ug/l

RT: 12.723 min Scan# 4002

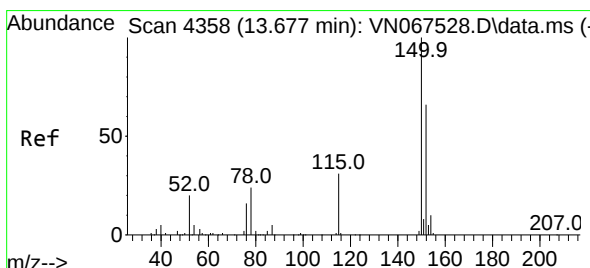
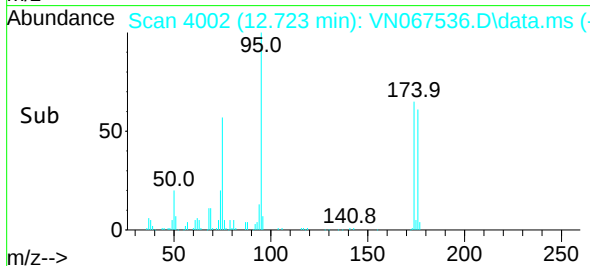
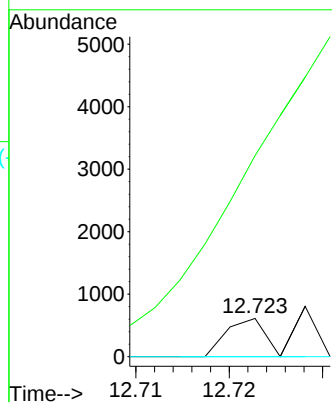
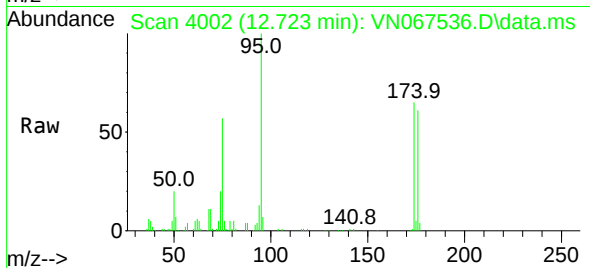
Delta R.T. 0.263 min

Lab File: VN067536.D

Acq: 28 Jun 2021 17:26

Tgt Ion:173	Resp:	175
Ion Ratio	Lower	Upper
173	100	
175	0.0	23.9 71.8#
254	0.0	0.0 0.0

Instrument :
MSVOA_N
ClientSampleId :
VN0628WBL01



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

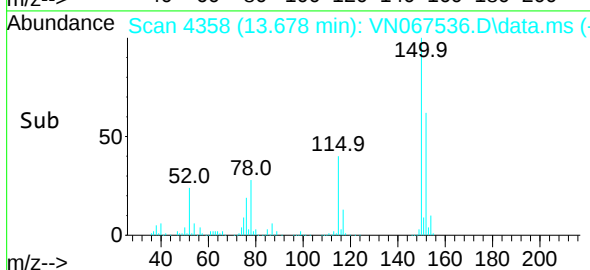
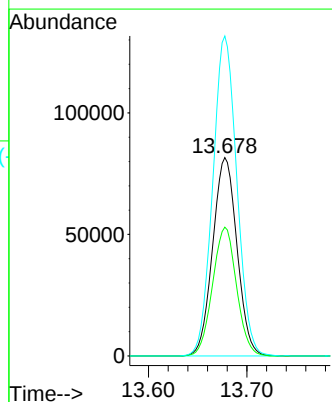
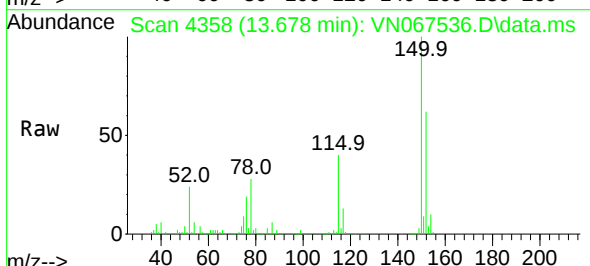
RT: 13.678 min Scan# 4358

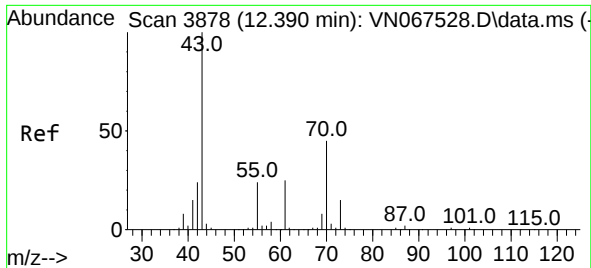
Delta R.T. 0.001 min

Lab File: VN067536.D

Acq: 28 Jun 2021 17:26

Tgt Ion:152	Resp:	140214
Ion Ratio	Lower	Upper
152	100	
115	64.0	36.1 108.5
150	159.5	0.0 351.8

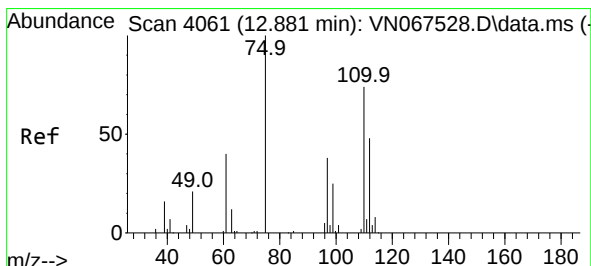
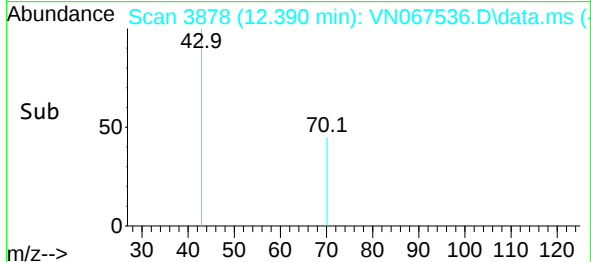
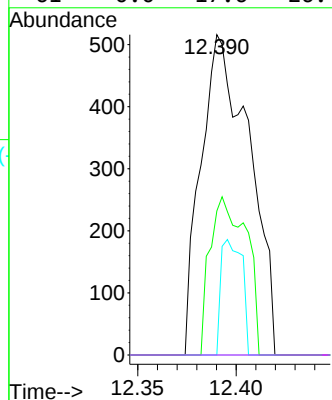
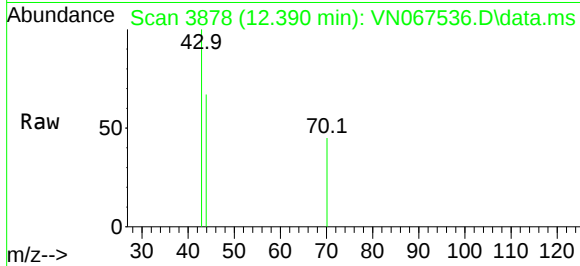




#74
N-amy1 acetate
Concen: 0.228 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN067536.D
Acq: 28 Jun 2021 17:26

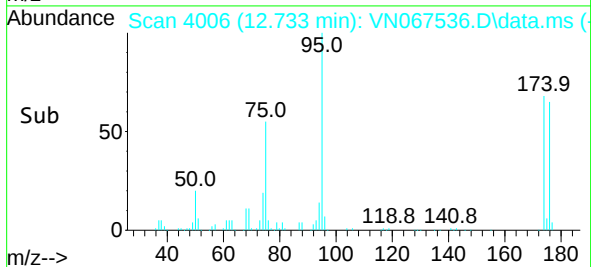
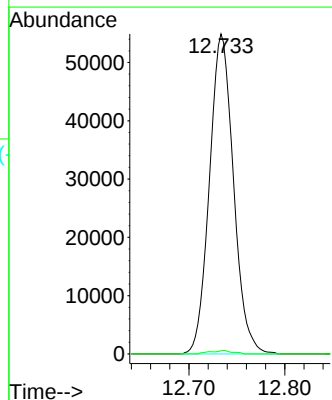
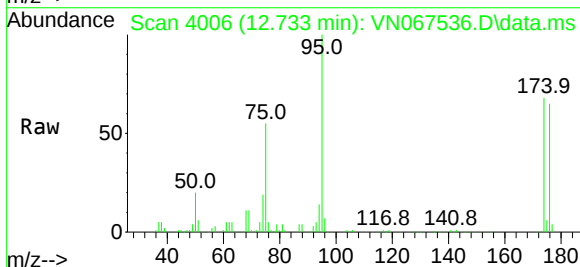
Instrument :
MSVOA_N
ClientSampled :
VN0628WBL01

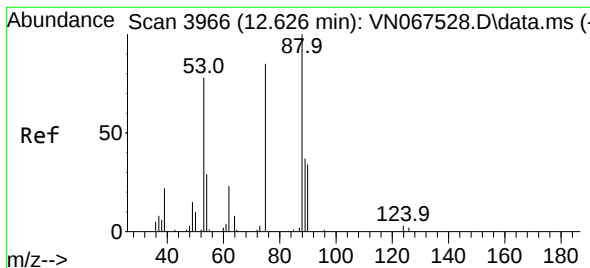
Tgt Ion: 43	Resp: 881
Ion Ratio	Lower Upper
43 100	
70 37.1	29.4 44.2
55 15.6	17.0 25.4#
61 0.0	17.6 26.4#



#76
1,2,3-Trichloropropane
Concen: 34.007 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN067536.D
Acq: 28 Jun 2021 17:26

Tgt Ion: 75	Resp: 95573
Ion Ratio	Lower Upper
75 100	
77 0.7	0.0 0.0#

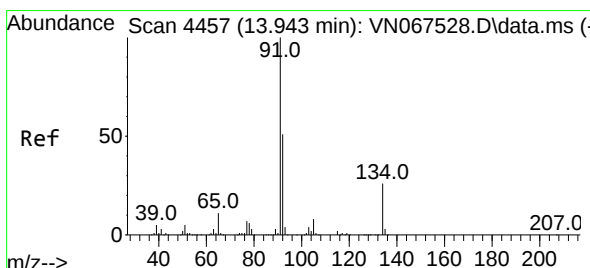
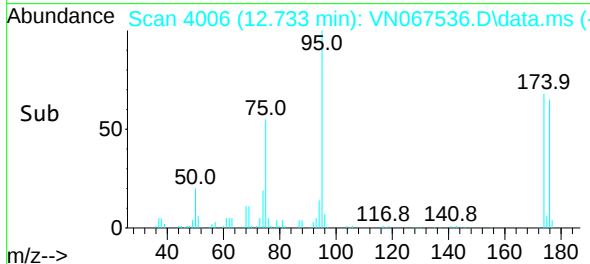
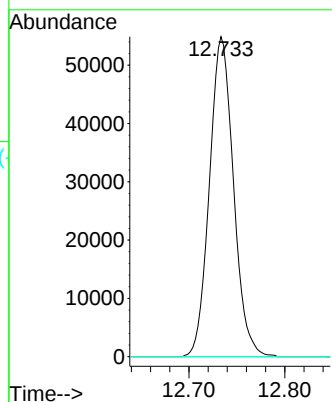
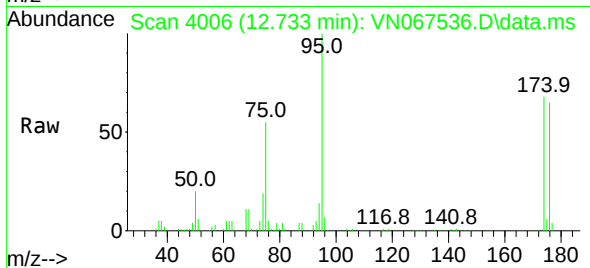




#81
trans-1,4-Dichloro-2-butene
Concen: 97.770 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN067536.D
Acq: 28 Jun 2021 17:26

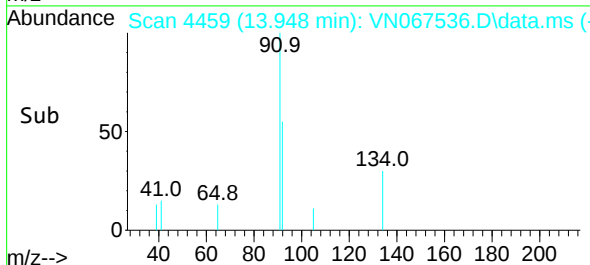
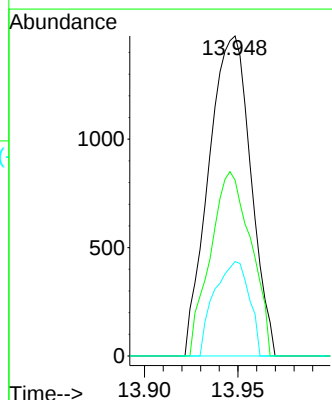
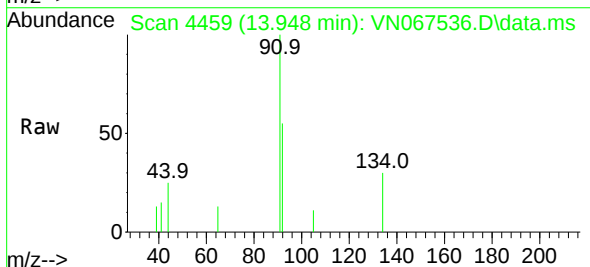
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBL01

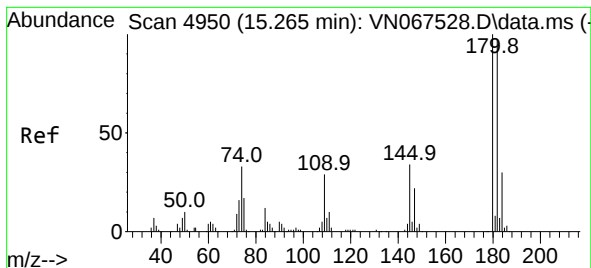
Tgt Ion: 75 Resp: 95573
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#89
n-Butylbenzene
Concen: 0.302 ug/l
RT: 13.948 min Scan# 4459
Delta R.T. 0.005 min
Lab File: VN067536.D
Acq: 28 Jun 2021 17:26

Tgt Ion: 91 Resp: 2310
Ion Ratio Lower Upper
91 100
92 55.5 25.7 77.1
134 24.4 11.2 33.6

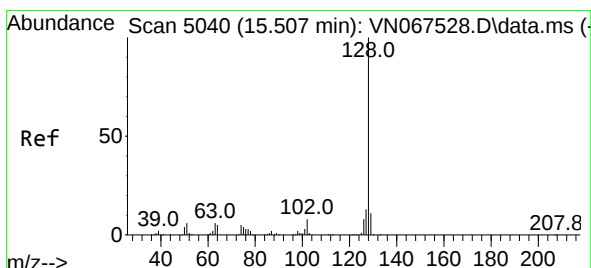
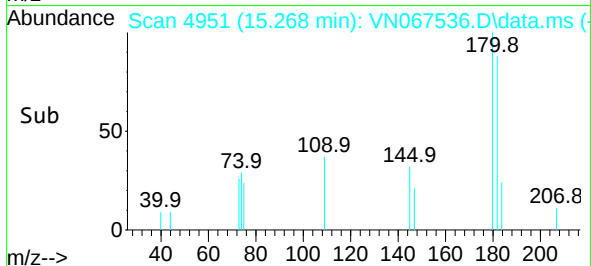
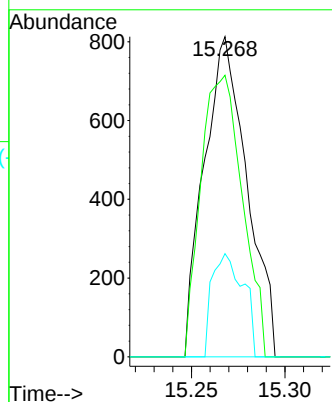
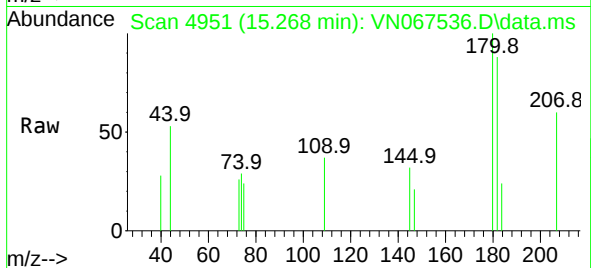




#93
1,2,4-Trichlorobenzene
Concen: 0.638 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN067536.D
Acq: 28 Jun 2021 17:26

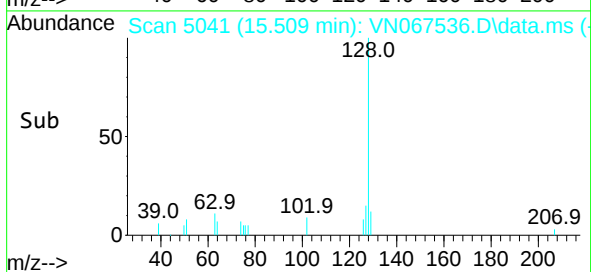
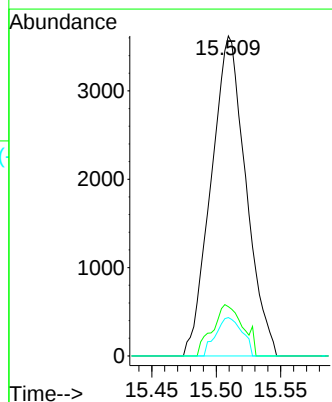
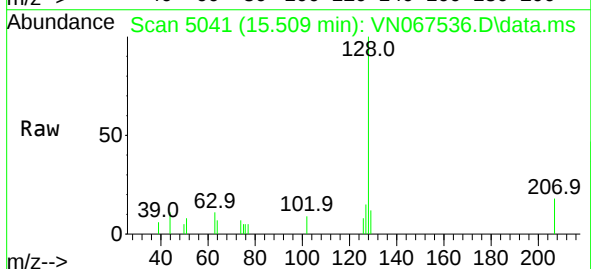
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBL01

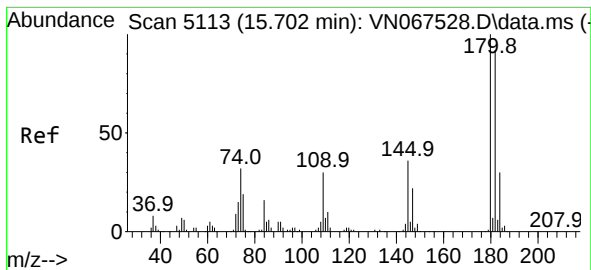
Tgt Ion:180 Resp: 1296
Ion Ratio Lower Upper
180 100
182 85.1 47.5 142.5
145 23.4 17.2 51.6



#95
Naphthalene
Concen: 4.102 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN067536.D
Acq: 28 Jun 2021 17:26

Tgt Ion:128 Resp: 6784
Ion Ratio Lower Upper
128 100
127 14.0 10.6 15.8
129 9.1 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 0.691 ug/l
 RT: 15.710 min Scan# 5116
 Delta R.T. 0.008 min
 Lab File: VN067536.D
 Acq: 28 Jun 2021 17:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBL01

Tgt Ion:180 Resp: 1374
 Ion Ratio Lower Upper
 180 100
 182 60.9 47.8 143.3
 145 44.9 18.2 54.6

