

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021221\
 Data File : VN065834.D
 Acq On : 12 Feb 2021 13:26
 Operator : JC/MD
 Sample : VN0212WBL02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 13 00:47:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

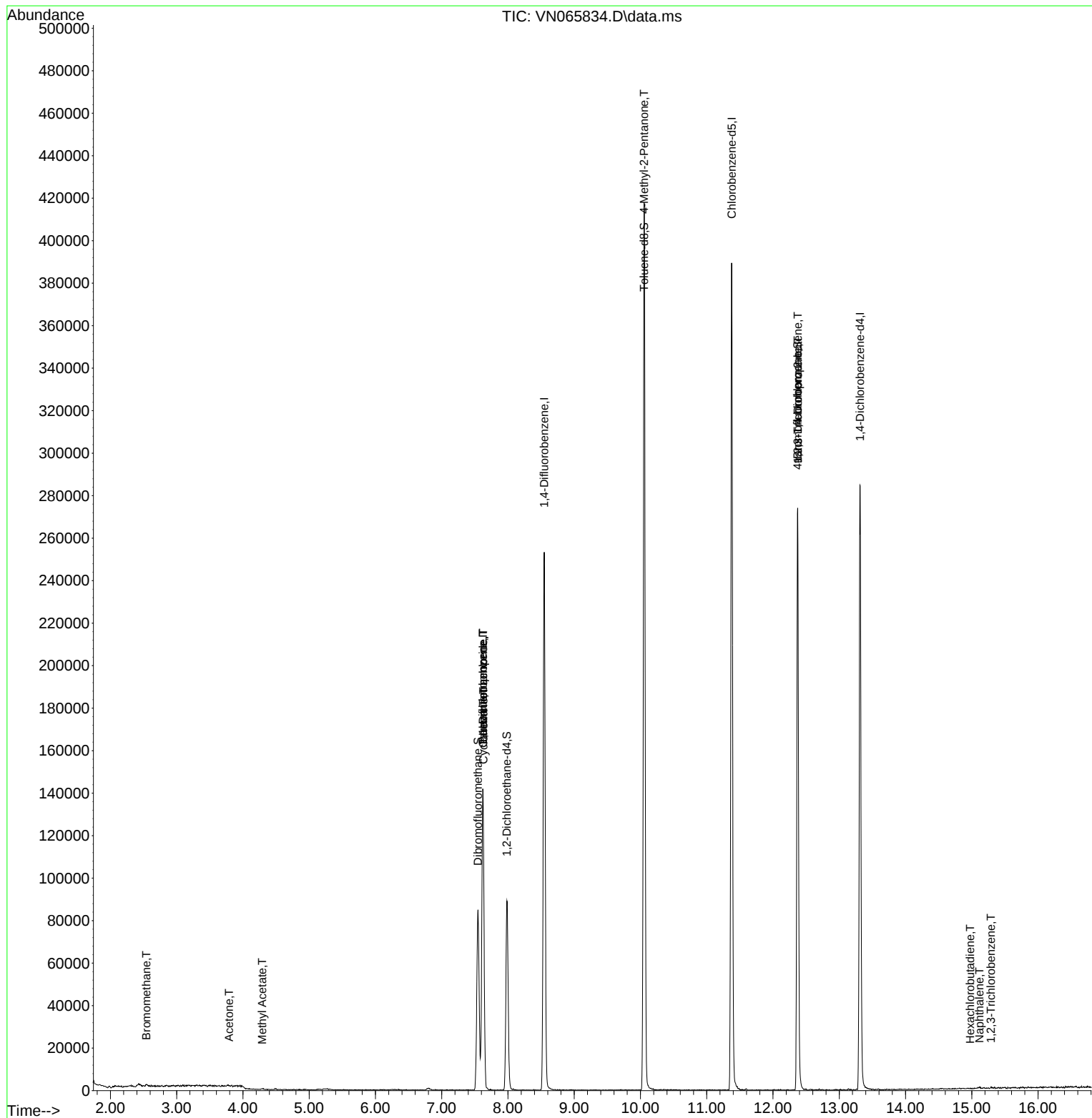
Internal Standards						
1) Pentafluorobenzene	7.621	168	120441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	241119	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	243455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	86311	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	75127	47.41	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.82%
35) Dibromofluoromethane	7.547	113	69744	48.81	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.62%
50) Toluene-d8	10.055	98	307715	54.79	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	109.58%
62) 4-Bromofluorobenzene	12.370	95	116468	57.59	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	115.18%
Target Compounds						
					Qvalue	
5) Bromomethane	2.541	94	442	0.38	ug/l #	81
16) Acetone	3.791	43	252	0.41	ug/l #	41
18) Methyl Acetate	4.290	43	389	0.23	ug/l #	51
31) Cyclohexane	7.627	56	2019	0.68	ug/l #	1
36) 1,1-Dichloropropene	7.621	75	8927	3.68	ug/l #	46
38) Carbon Tetrachloride	7.624	117	11056	5.53	ug/l #	17
51) 4-Methyl-2-Pentanone	10.051	43	1087	0.48	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	52336	23.19	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	52336	59.39	ug/l #	12
94) Hexachlorobutadiene	14.977	225	115	0.38	ug/l #	18
95) Naphthalene	15.116	128	744	3.58	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.289	180	364	3.04	ug/l #	49

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

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
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Quant Time: Feb 13 00:47:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
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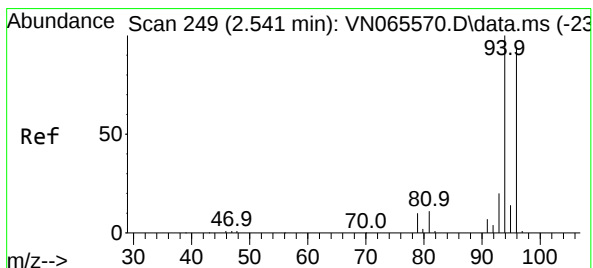
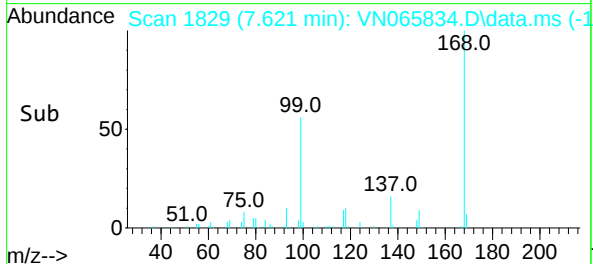
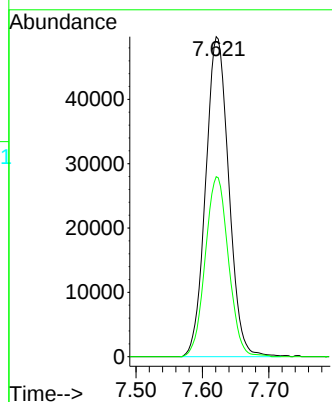
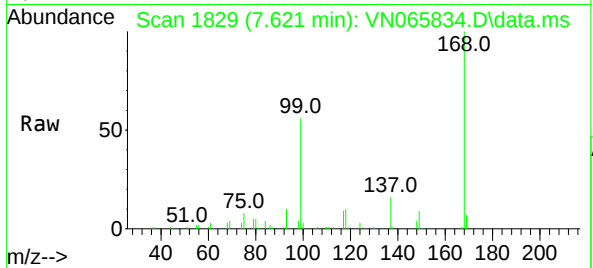




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.003 min
Lab File: VN065834.D
Acq: 12 Feb 2021 13:26

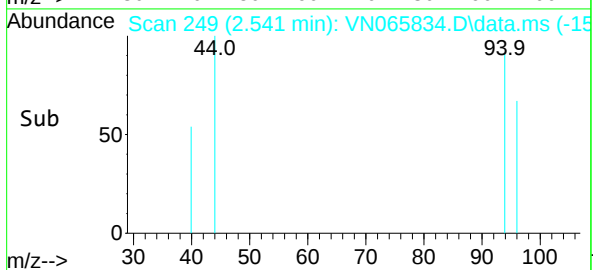
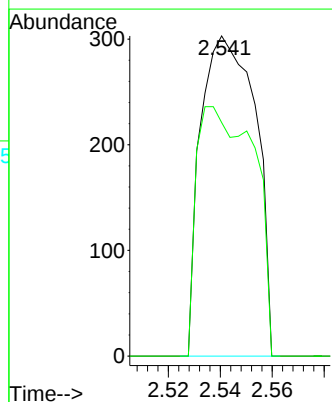
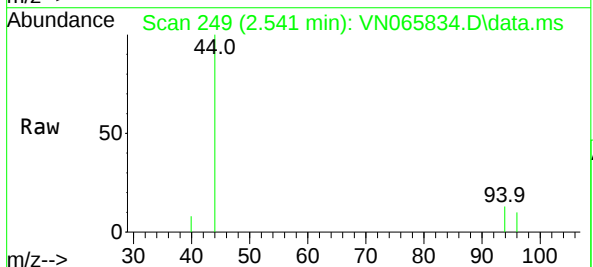
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 120441
Ion Ratio Lower Upper
168 100
99 56.3 42.6 63.8



#5
Bromomethane
Concen: 0.38 ug/l
RT: 2.541 min Scan# 249
Delta R.T. -0.000 min
Lab File: VN065834.D
Acq: 12 Feb 2021 13:26

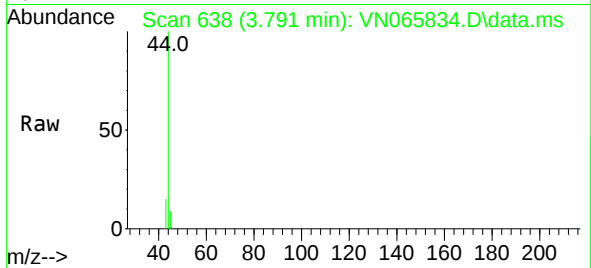
Tgt Ion: 94 Resp: 442
Ion Ratio Lower Upper
94 100
96 72.9 73.0 109.4#



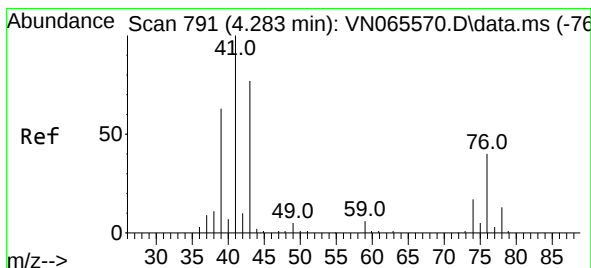
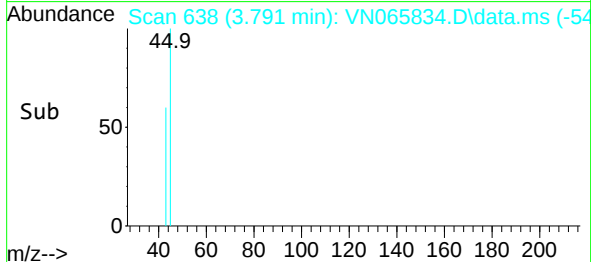
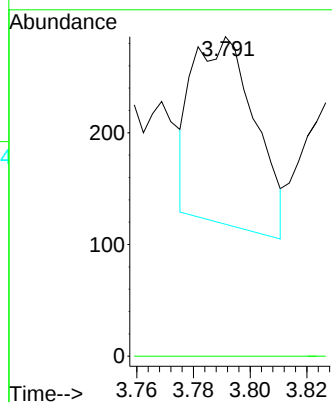


#16
Acetone
Concen: 0.41 ug/l
RT: 3.791 min Scan# 638
Delta R.T. 0.009 min
Lab File: VN065834.D
Acq: 12 Feb 2021 13:26

Instrument :
MSVOA_N
ClientSampled :

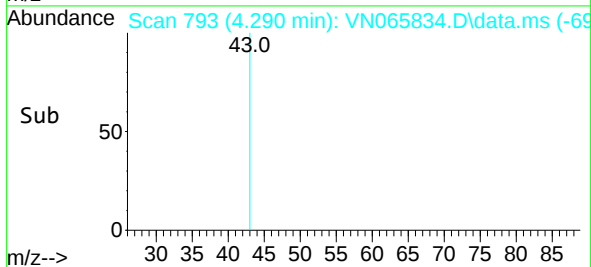
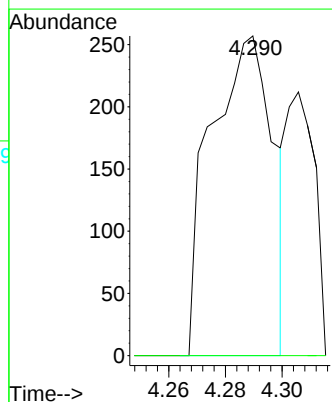
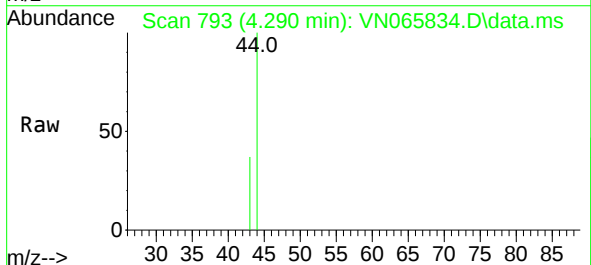


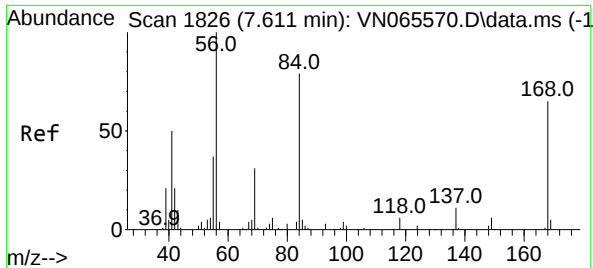
Tgt Ion: 43 Resp: 252
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#



#18
Methyl Acetate
Concen: 0.23 ug/l
RT: 4.290 min Scan# 793
Delta R.T. 0.007 min
Lab File: VN065834.D
Acq: 12 Feb 2021 13:26

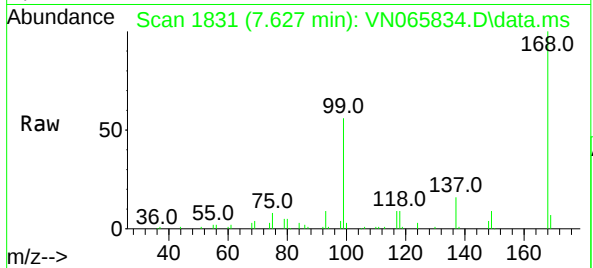
Tgt Ion: 43 Resp: 389
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



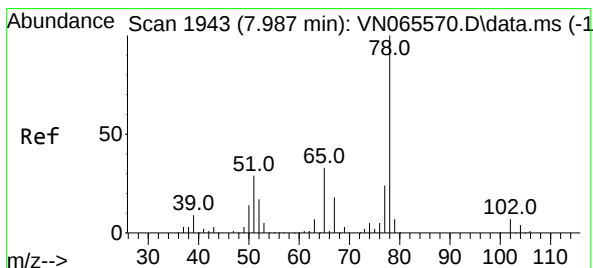
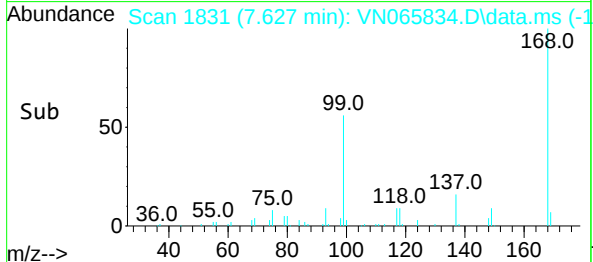
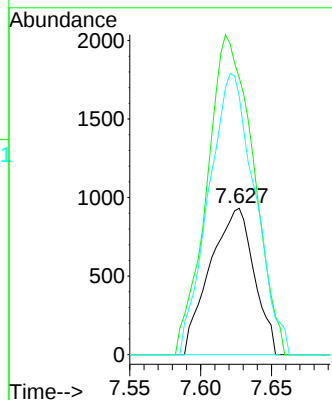


#31
Cyclohexane
Concen: 0.68 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065834.D
Acq: 12 Feb 2021 13:26

Instrument :
MSVOA_N
ClientSampled :

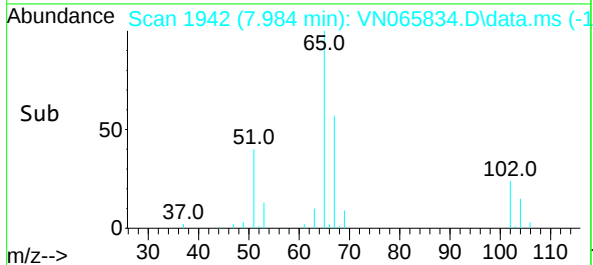
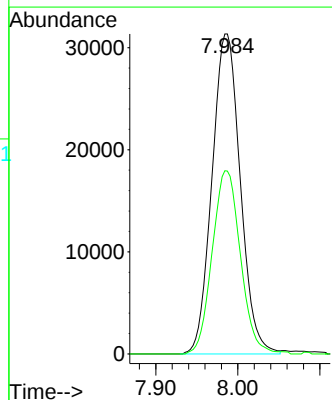
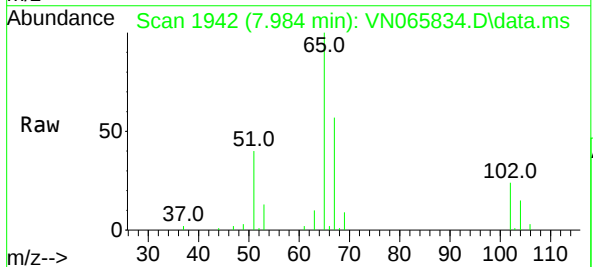


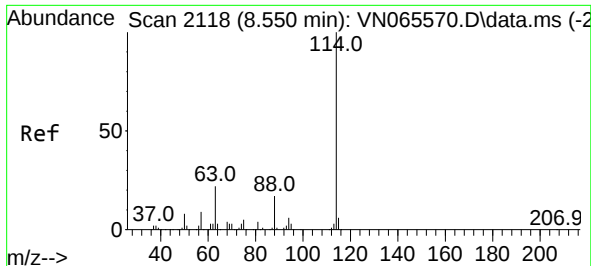
Tgt Ion: 56 Resp: 2019
Ion Ratio Lower Upper
56 100
69 171.0 26.6 39.8#
84 176.6 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 47.41 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN065834.D
Acq: 12 Feb 2021 13:26

Tgt Ion: 65 Resp: 75127
Ion Ratio Lower Upper
65 100
67 57.2 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.547 min Scan# 2117

Delta R.T. -0.003 min

Lab File: VN065834.D

Acq: 12 Feb 2021 13:26

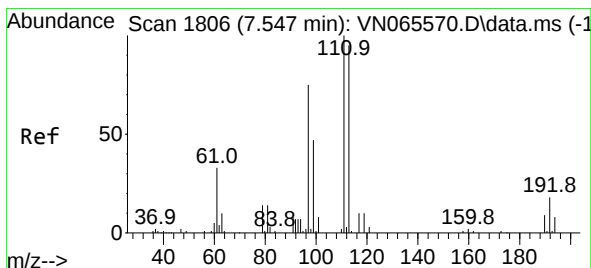
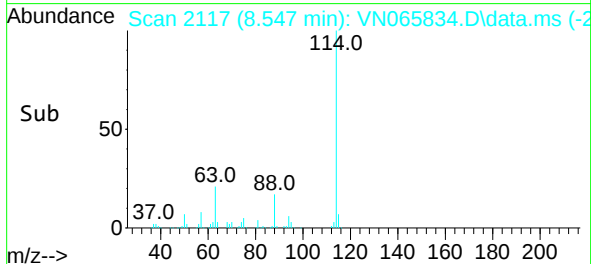
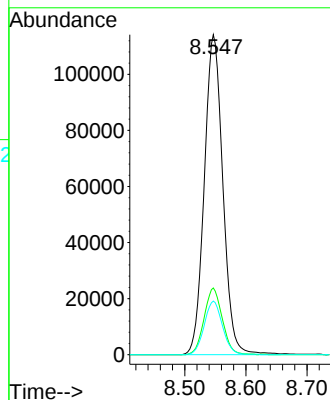
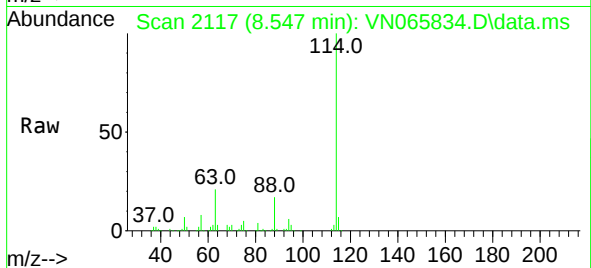
Tgt Ion:114 Resp: 241119

Ion Ratio Lower Upper

114 100

63 20.9 0.0 38.6

88 16.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.81 ug/l

RT: 7.547 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN065834.D

Acq: 12 Feb 2021 13:26

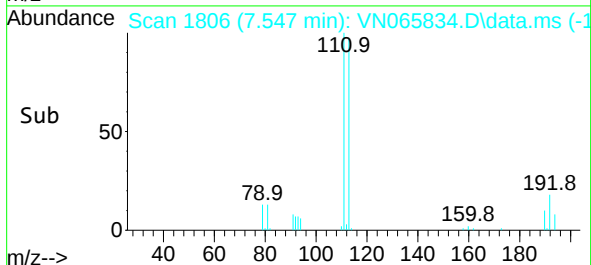
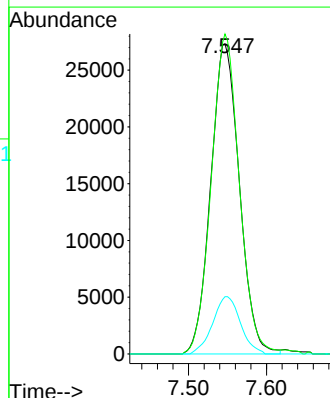
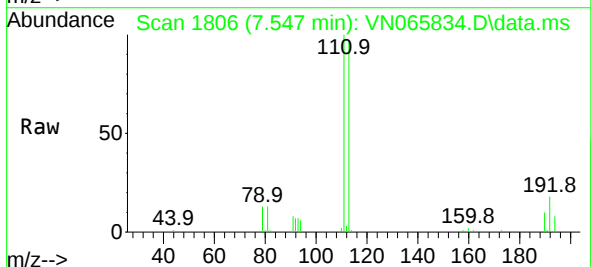
Tgt Ion:113 Resp: 69744

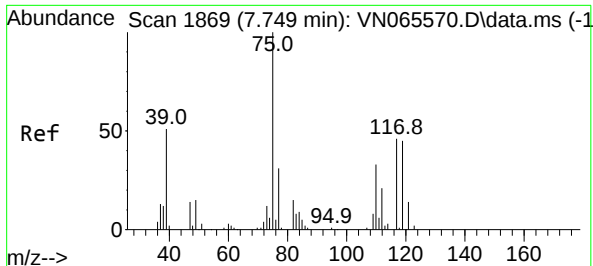
Ion Ratio Lower Upper

113 100

111 100.9 82.2 123.2

192 17.9 15.4 23.0

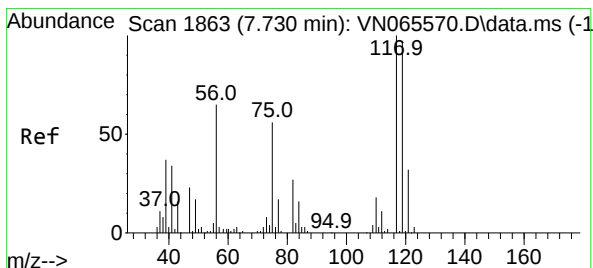
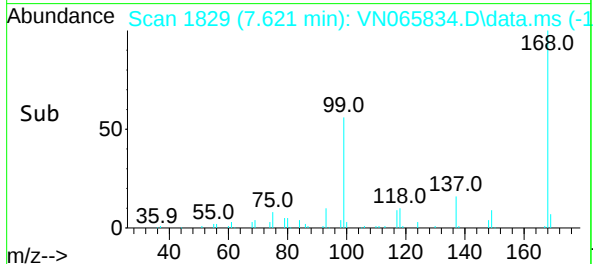
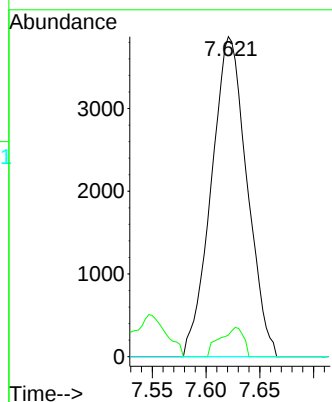
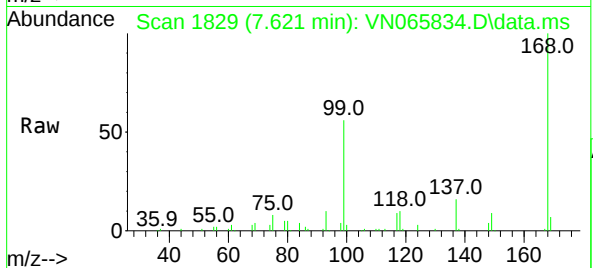




#36
1,1-Dichloropropene
Concen: 3.68 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.128 min
Lab File: VN065834.D
Acq: 12 Feb 2021 13:26

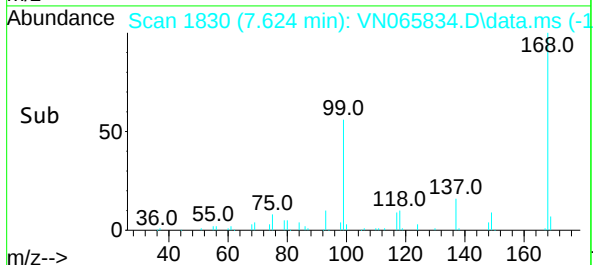
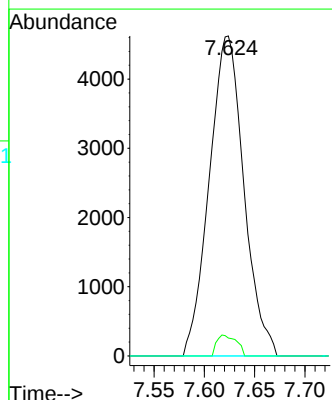
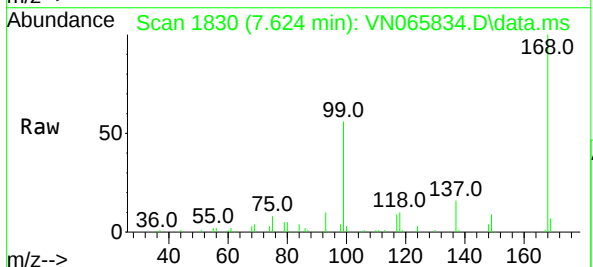
Instrument :
MSVOA_N
ClientSampleId :

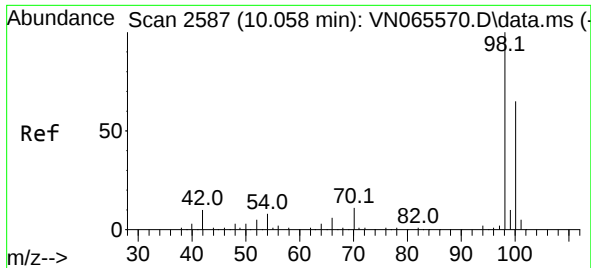
Tgt Ion: 75 Resp: 8927
Ion Ratio Lower Upper
75 100
110 6.0 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.53 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065834.D
Acq: 12 Feb 2021 13:26

Tgt Ion: 117 Resp: 11056
Ion Ratio Lower Upper
117 100
119 5.6 76.0 114.0#
121 0.0 24.5 36.7#

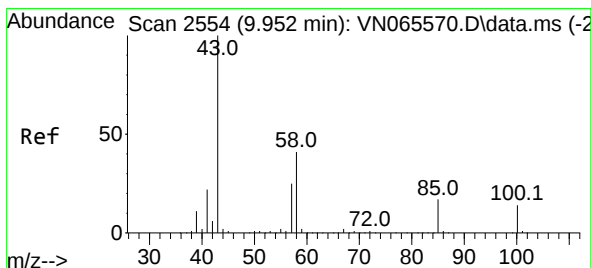
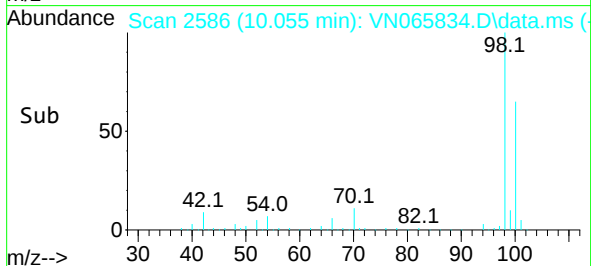
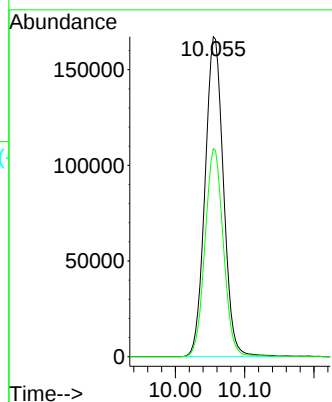
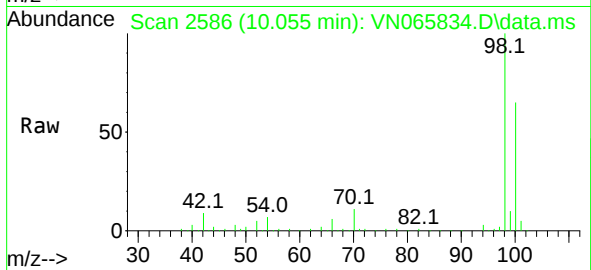




#50
Toluene-d8
Concen: 54.79 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.003 min
Lab File: VN065834.D
Acq: 12 Feb 2021 13:26

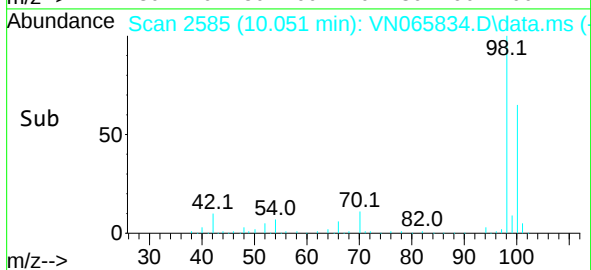
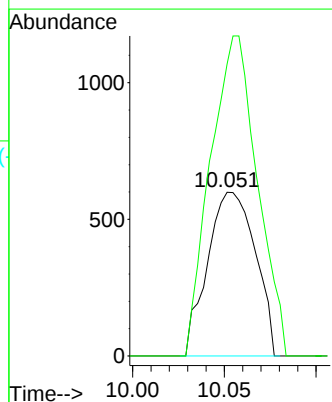
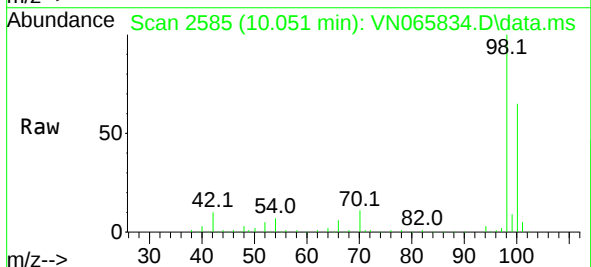
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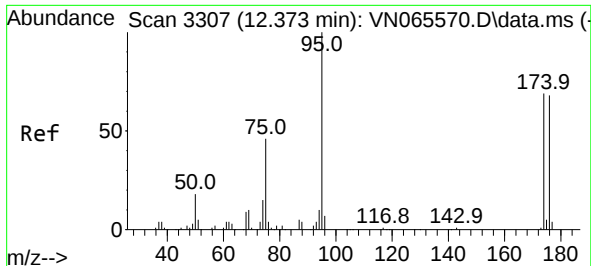
Tgt Ion: 98 Resp: 307715
Ion Ratio Lower Upper
98 100
100 64.9 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.48 ug/l
RT: 10.051 min Scan# 2585
Delta R.T. 0.099 min
Lab File: VN065834.D
Acq: 12 Feb 2021 13:26

Tgt Ion: 43 Resp: 1087
Ion Ratio Lower Upper
43 100
58 191.7 32.5 48.7#

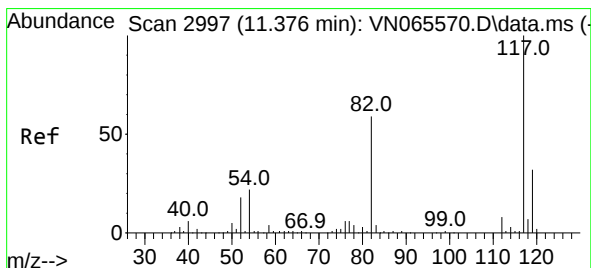
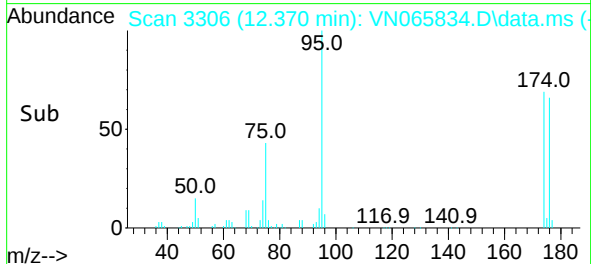
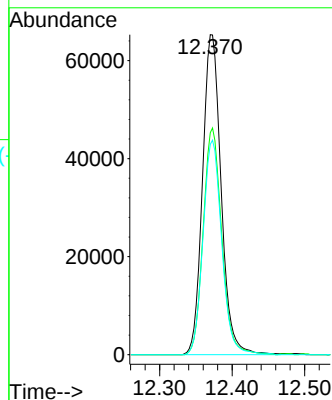
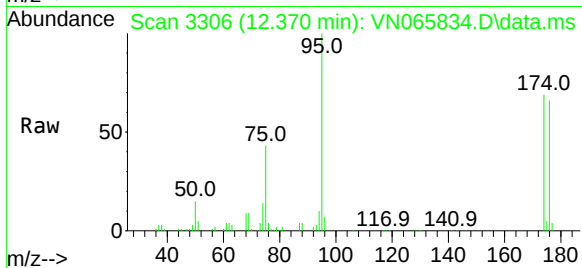




#62
4-Bromofluorobenzene
Concen: 57.59 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.003 min
Lab File: VN065834.D
Acq: 12 Feb 2021 13:26

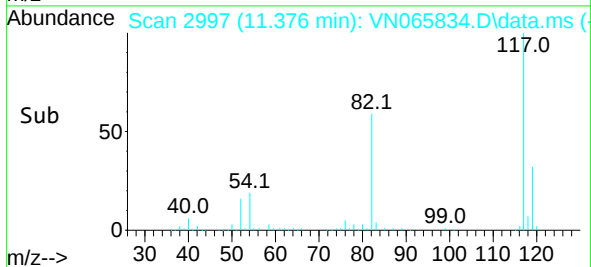
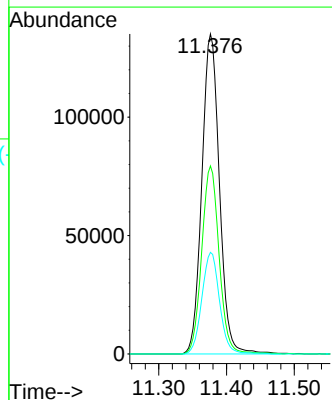
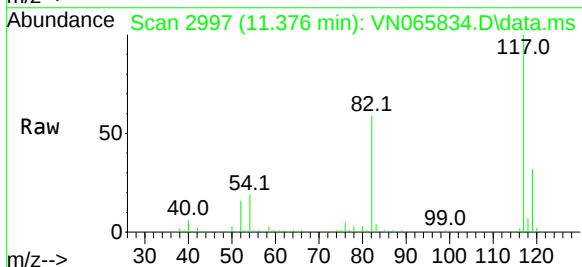
Instrument :
MSVOA_N
ClientSampleId :

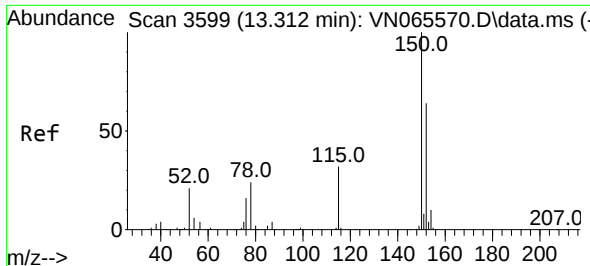
Tgt Ion: 95 Resp: 116468
Ion Ratio Lower Upper
95 100
174 70.7 0.0 169.0
176 67.3 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065834.D
Acq: 12 Feb 2021 13:26

Tgt Ion: 117 Resp: 243455
Ion Ratio Lower Upper
117 100
82 58.7 43.7 65.5
119 31.8 26.1 39.1

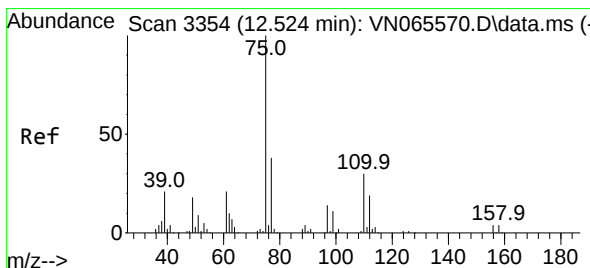
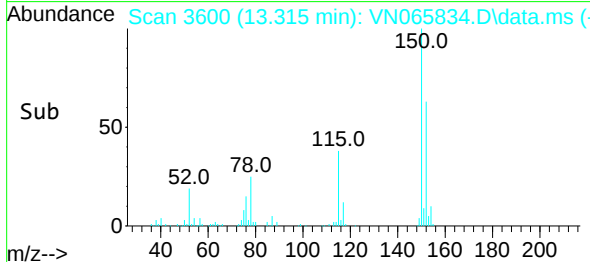
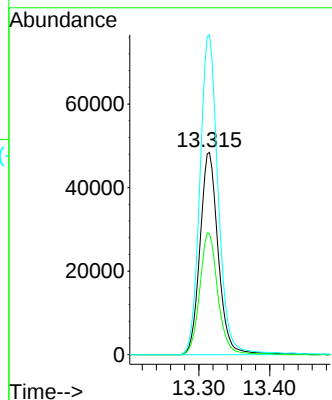
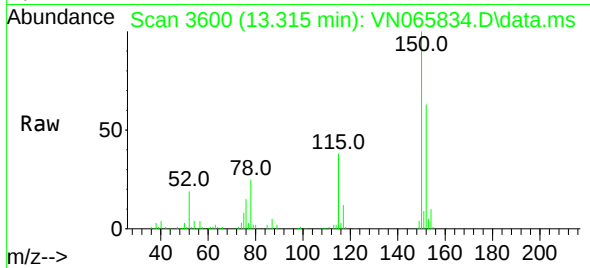




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.315 min Scan# 3600
 Delta R.T. 0.003 min
 Lab File: VN065834.D
 Acq: 12 Feb 2021 13:26

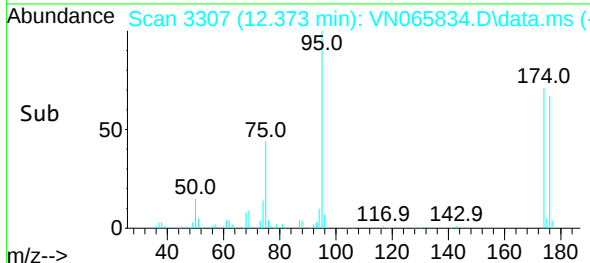
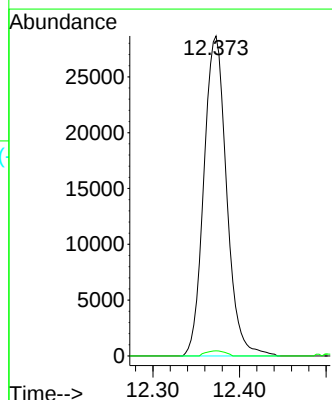
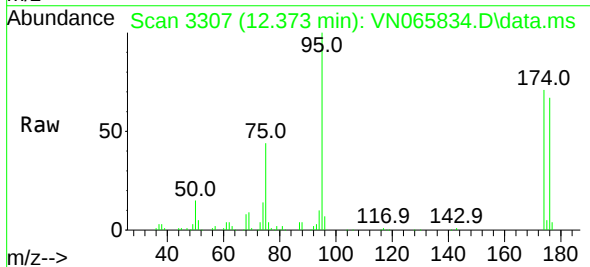
Instrument :
 MSVOA_N
 ClientSampled :

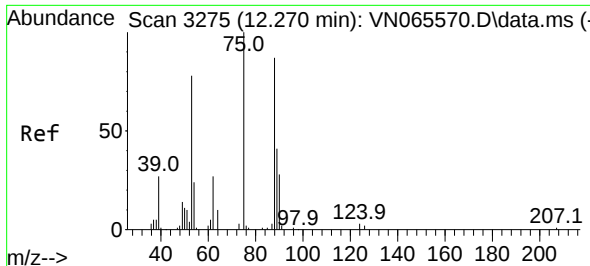
Tgt Ion:152 Resp: 86311
 Ion Ratio Lower Upper
 152 100
 115 59.6 28.5 85.6
 150 158.3 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 23.19 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. -0.151 min
 Lab File: VN065834.D
 Acq: 12 Feb 2021 13:26

Tgt Ion: 75 Resp: 52336
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

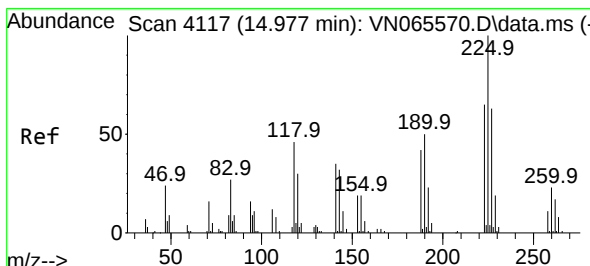
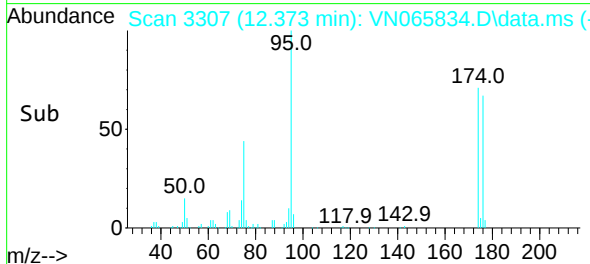
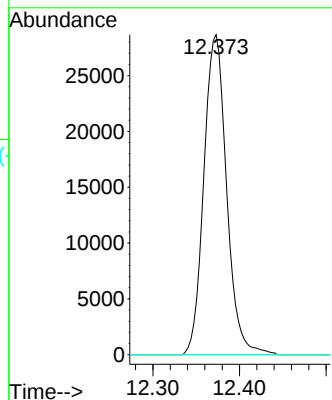
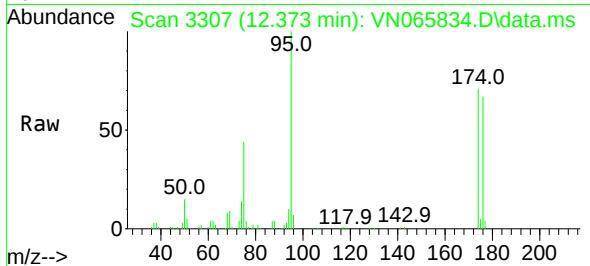




#81
trans-1,4-Dichloro-2-butene
Concen: 59.39 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065834.D
Acq: 12 Feb 2021 13:26

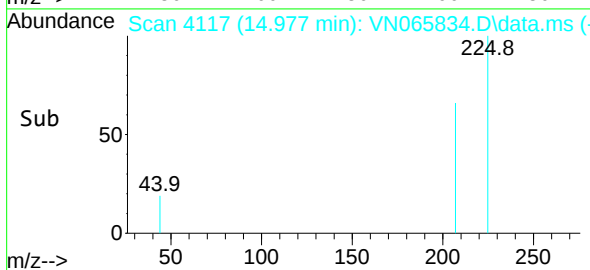
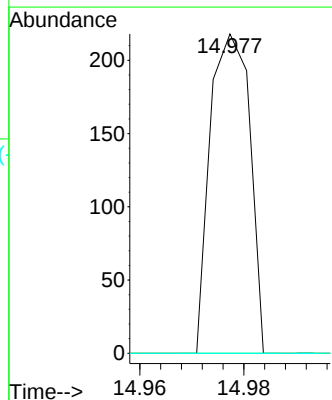
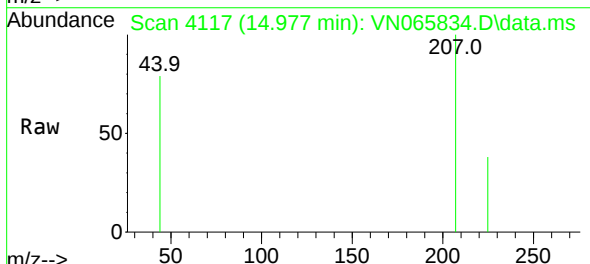
Instrument :
MSVOA_N
ClientSampleId :

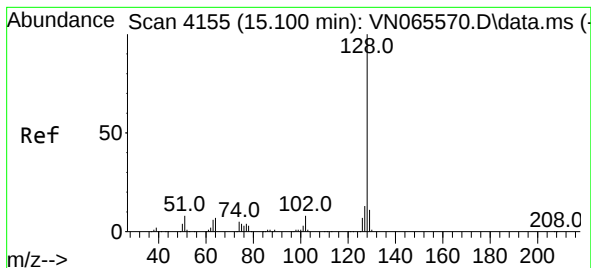
Tgt Ion: 75 Resp: 52336
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#94
Hexachlorobutadiene
Concen: 0.38 ug/l
RT: 14.977 min Scan# 4117
Delta R.T. 0.000 min
Lab File: VN065834.D
Acq: 12 Feb 2021 13:26

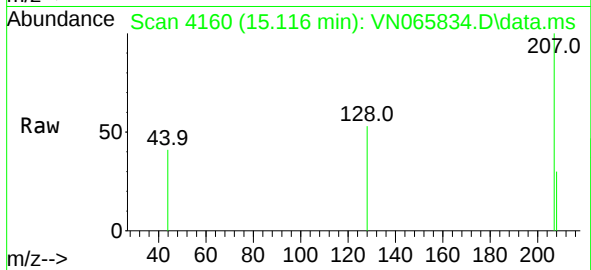
Tgt Ion: 225 Resp: 115
Ion Ratio Lower Upper
225 100
223 0.0 31.9 95.9#
227 0.0 31.6 95.0#



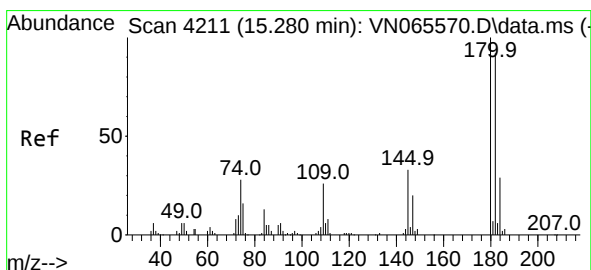
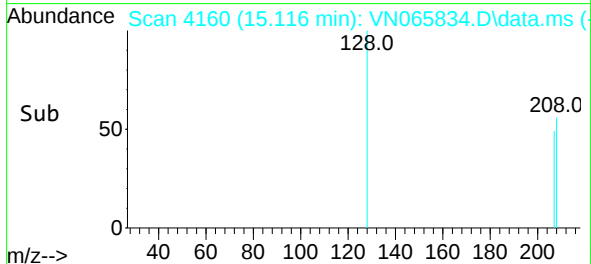
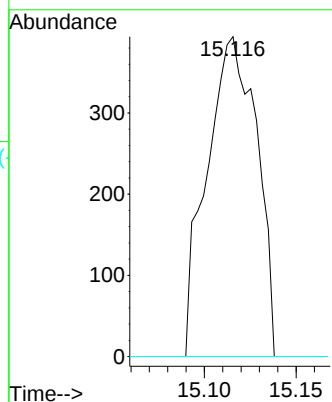


#95
Naphthalene
Concen: 3.58 ug/l
RT: 15.116 min Scan# 4160
Delta R.T. 0.016 min
Lab File: VN065834.D
Acq: 12 Feb 2021 13:26

Instrument :
MSVOA_N
ClientSampled :



Tgt Ion:128 Resp: 744
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 3.04 ug/l
RT: 15.289 min Scan# 4214
Delta R.T. 0.009 min
Lab File: VN065834.D
Acq: 12 Feb 2021 13:26

Tgt Ion:180 Resp: 364
Ion Ratio Lower Upper
180 100
182 47.8 47.4 142.3
145 0.0 16.5 49.5#

