

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020821\
 Data File : VN065759.D
 Acq On : 8 Feb 2021 16:50
 Operator : JC/MD
 Sample : M1335-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 09 00:41:37 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	7.624	168	197361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	331946	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	292169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	102990	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	113017	43.53	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	87.06%
35) Dibromofluoromethane	7.547	113	95723	48.66	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.32%
50) Toluene-d8	10.058	98	410699	53.11	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.22%
62) 4-Bromofluorobenzene	12.373	95	131733	47.31	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.62%

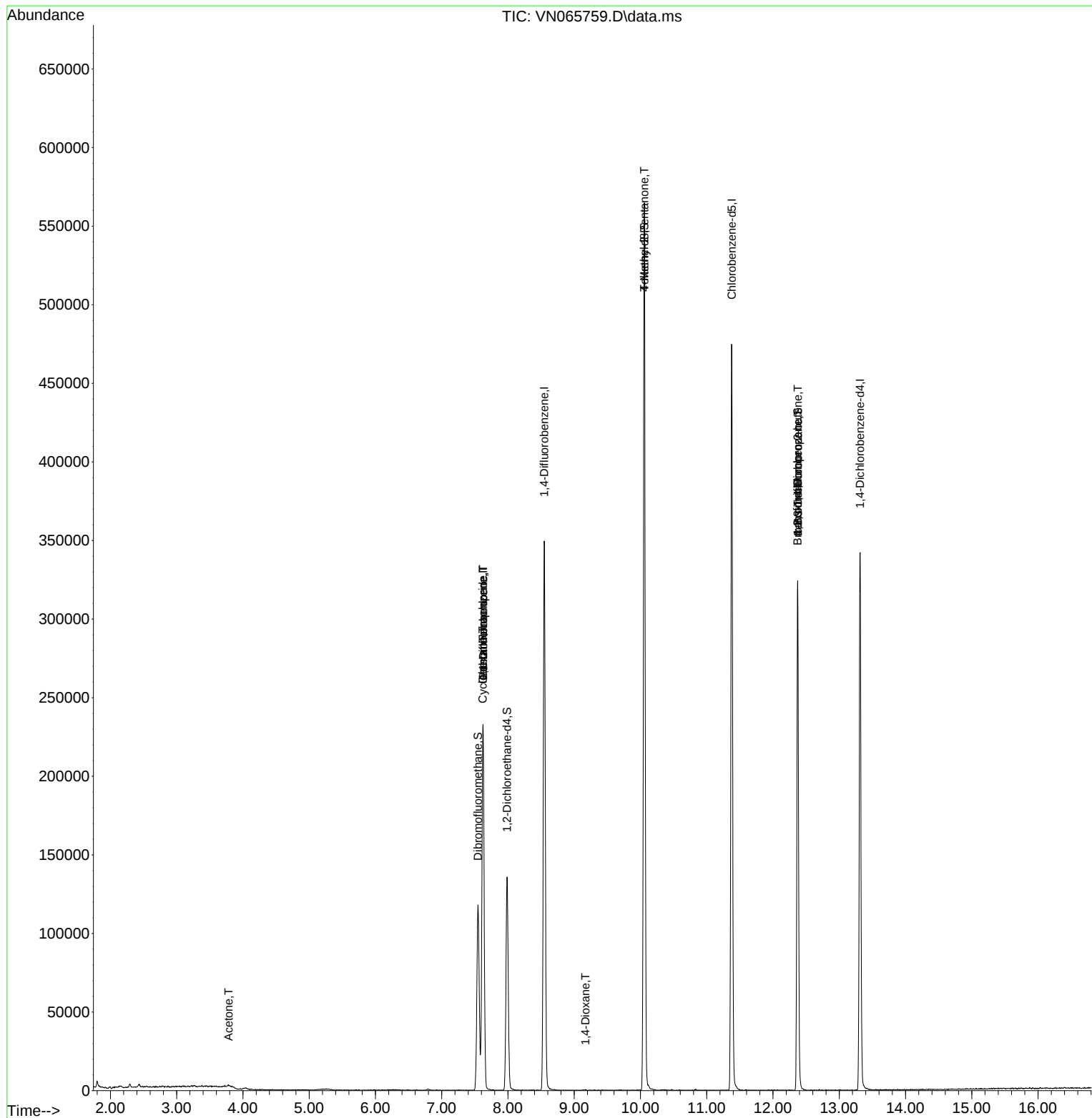
Target Compounds						Qvalue
16) Acetone	3.782	43	1403	1.39	ug/l #	73
31) Cyclohexane	7.618	56	3486	0.71	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	14519	4.35	ug/l #	47
38) Carbon Tetrachloride	7.621	117	17959	6.53	ug/l #	17
49) 1,4-Dioxane	9.171	88	176	4.03	ug/l #	56
51) 4-Methyl-2-Pentanone	10.058	43	1390	0.44	ug/l #	1
71) Bromoform	12.370	173	518	0.35	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	59558	22.12	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	59558	56.64	ug/l #	12

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

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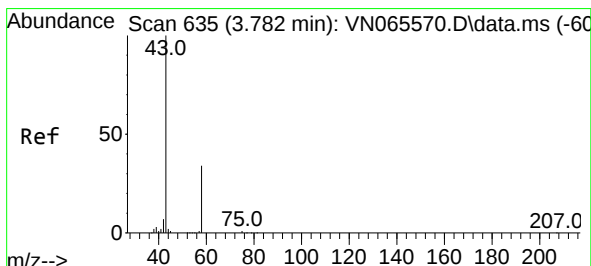
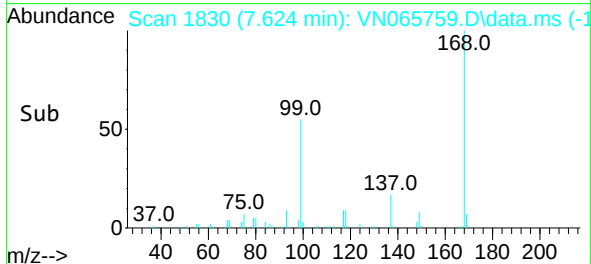
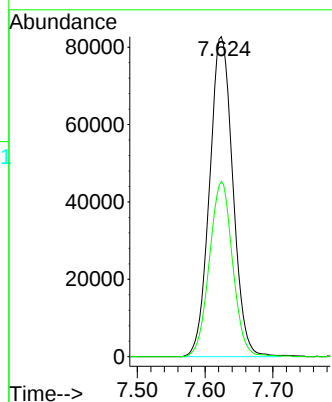
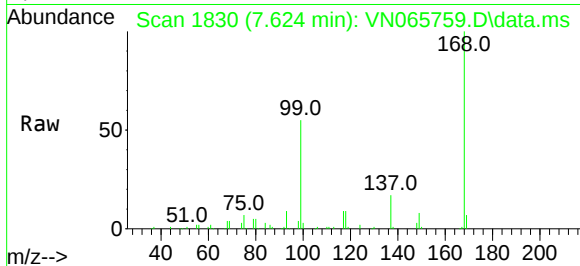




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN065759.D
Acq: 8 Feb 2021 16:50

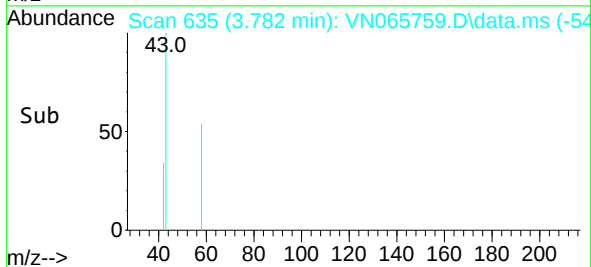
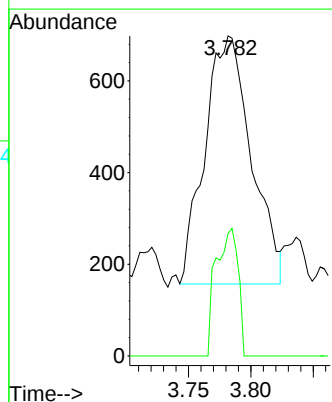
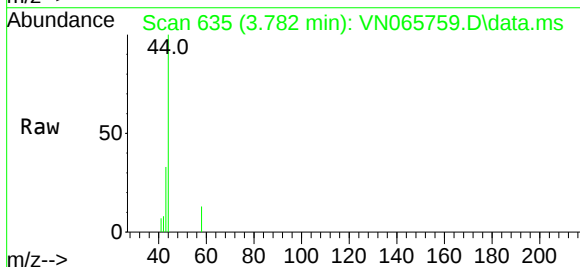
Instrument :
MSVOA_N
ClientSampled :

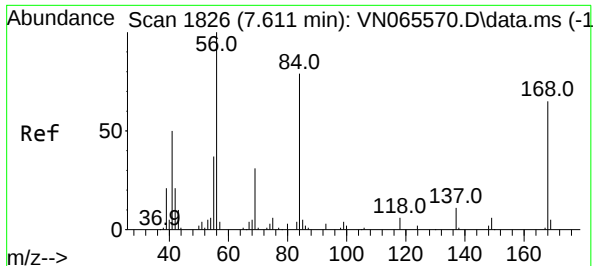
Tgt Ion:168 Resp: 197361
Ion Ratio Lower Upper
168 100
99 54.8 42.6 63.8



#16
Acetone
Concen: 1.39 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065759.D
Acq: 8 Feb 2021 16:50

Tgt Ion: 43 Resp: 1403
Ion Ratio Lower Upper
43 100
58 49.4 27.0 40.6#

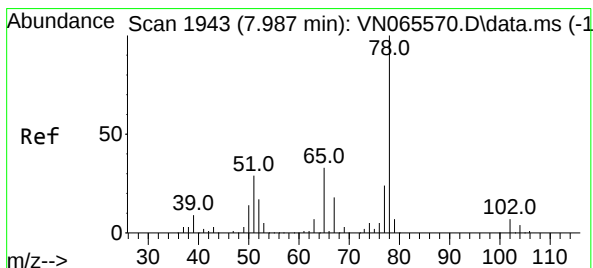
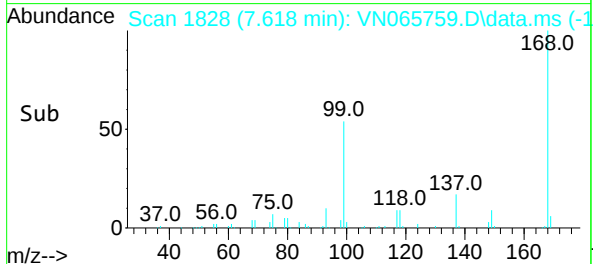
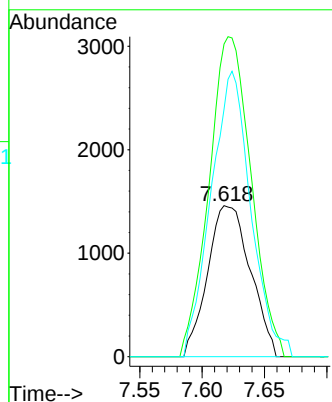
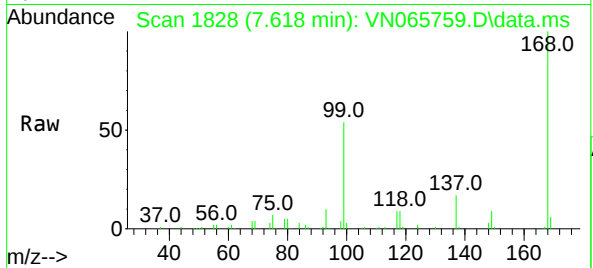




#31
Cyclohexane
Concen: 0.71 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. 0.007 min
Lab File: VN065759.D
Acq: 8 Feb 2021 16:50

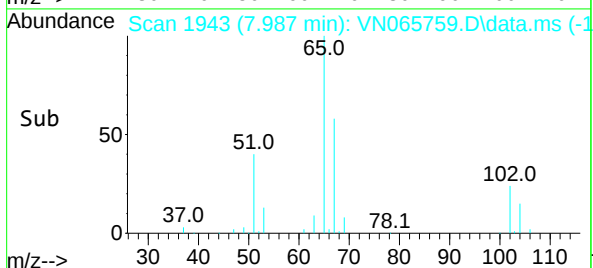
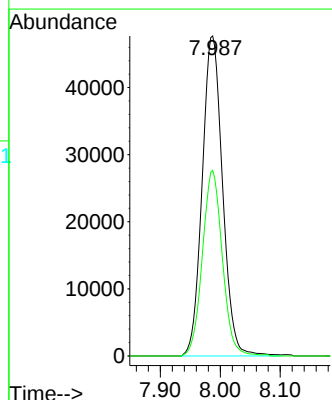
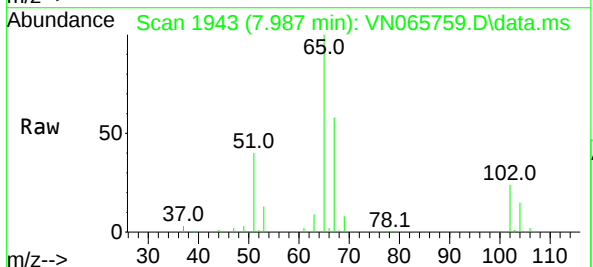
Instrument :
MSVOA_N
ClientSampleId :

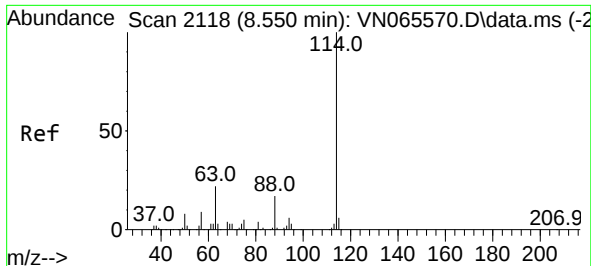
Tgt Ion: 56 Resp: 3486
Ion Ratio Lower Upper
56 100
69 207.0 26.6 39.8#
84 163.8 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 43.53 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065759.D
Acq: 8 Feb 2021 16:50

Tgt Ion: 65 Resp: 113017
Ion Ratio Lower Upper
65 100
67 56.6 0.0 107.2

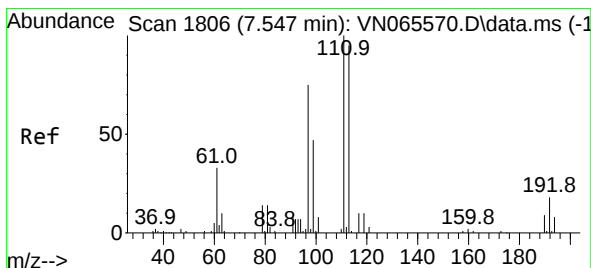
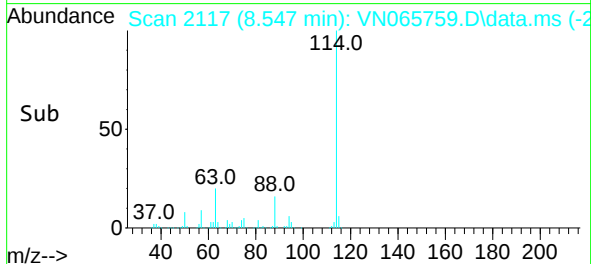
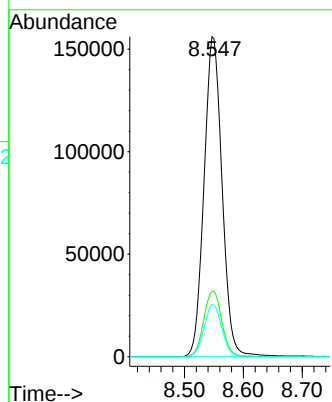
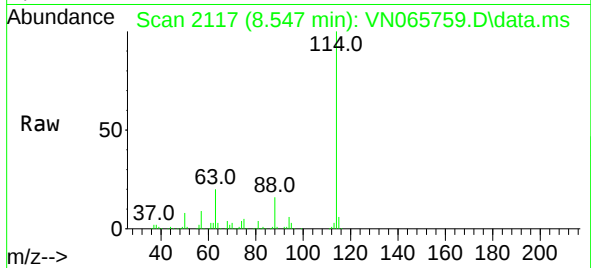




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065759.D
Acq: 8 Feb 2021 16:50

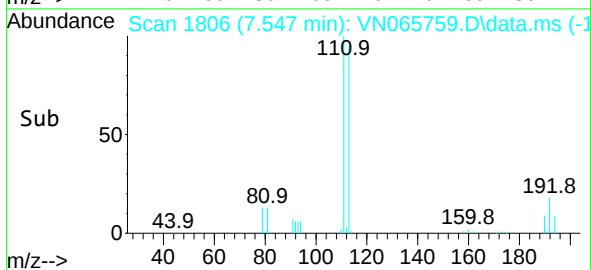
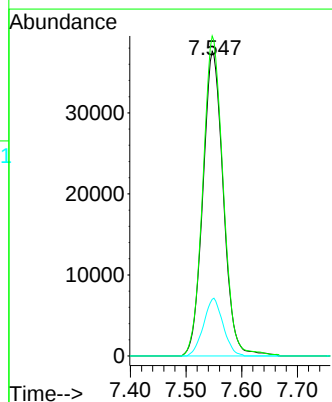
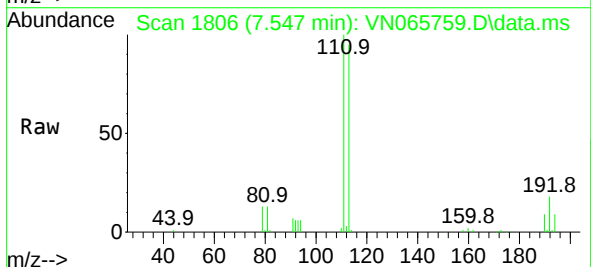
Instrument :
MSVOA_N
ClientSampleId :

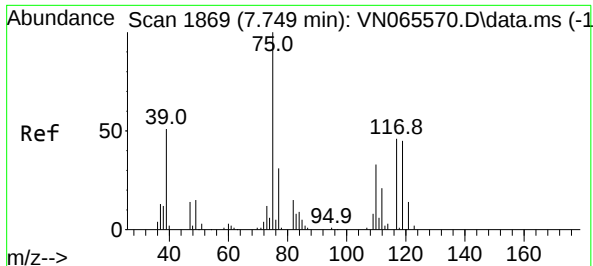
Tgt Ion:114 Resp: 331946
Ion Ratio Lower Upper
114 100
63 20.4 0.0 38.6
88 16.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.66 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065759.D
Acq: 8 Feb 2021 16:50

Tgt Ion:113 Resp: 95723
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.2
192 18.1 15.4 23.0

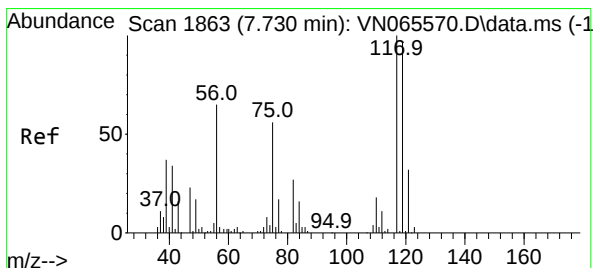
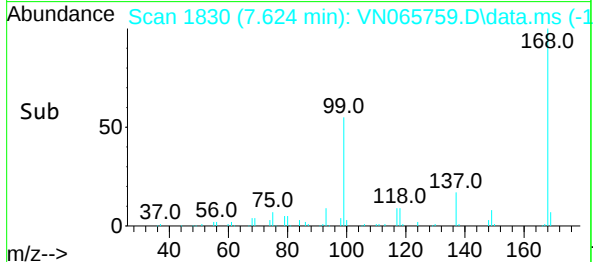
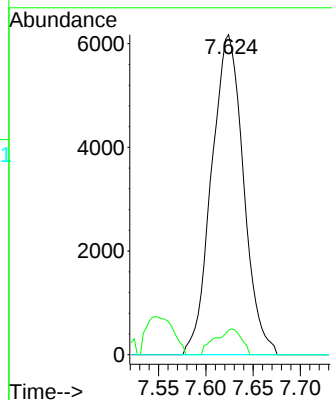
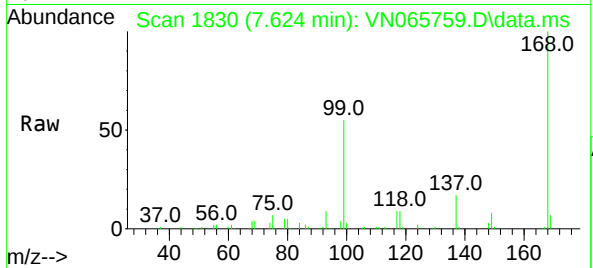




#36
1,1-Dichloropropene
Concen: 4.35 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.125 min
Lab File: VN065759.D
Acq: 8 Feb 2021 16:50

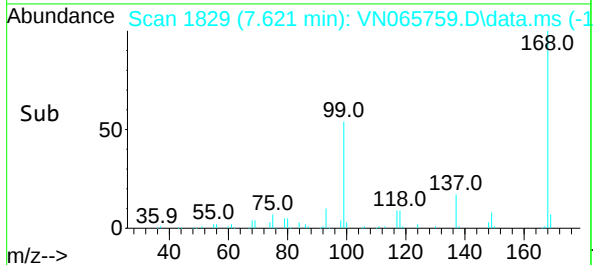
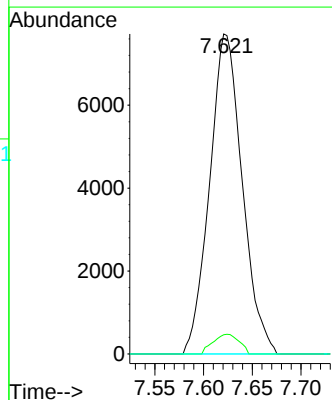
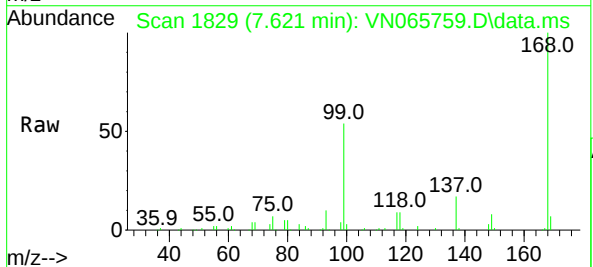
Instrument :
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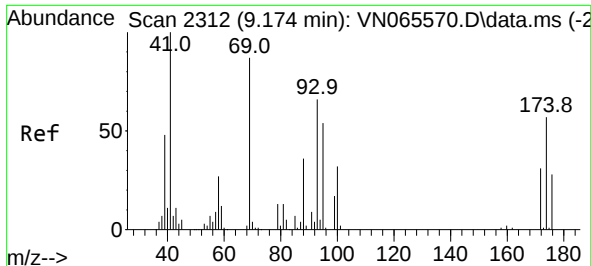
Tgt Ion: 75 Resp: 14519
Ion Ratio Lower Upper
75 100
110 6.6 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.53 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.109 min
Lab File: VN065759.D
Acq: 8 Feb 2021 16:50

Tgt Ion: 117 Resp: 17959
Ion Ratio Lower Upper
117 100
119 6.0 76.0 114.0#
121 0.0 24.5 36.7#





#49

1,4-Dioxane

Concen: 4.03 ug/l

RT: 9.171 min Scan# 2311

Delta R.T. -0.003 min

Lab File: VN065759.D

Acq: 8 Feb 2021 16:50

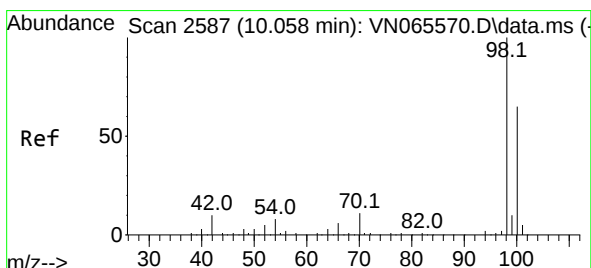
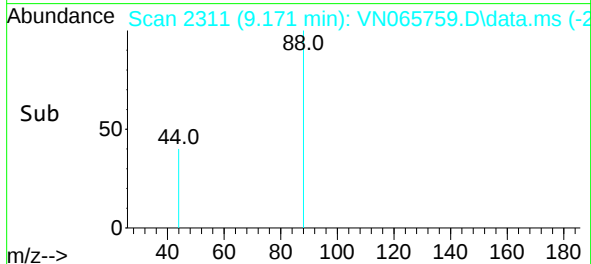
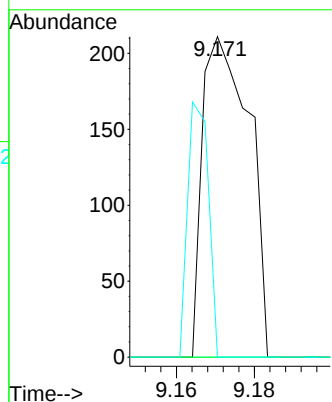
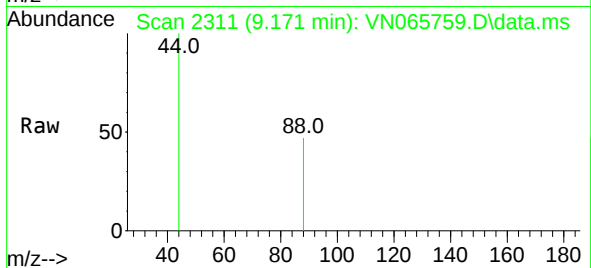
Tgt Ion: 88 Resp: 176

Ion Ratio Lower Upper

88 100

43 0.0 24.7 37.1#

58 35.2 52.6 78.8#



#50

Toluene-d8

Concen: 53.11 ug/l

RT: 10.058 min Scan# 2587

Delta R.T. -0.000 min

Lab File: VN065759.D

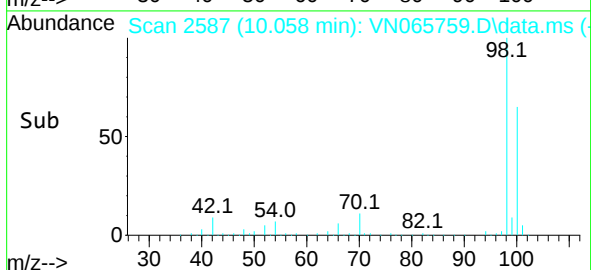
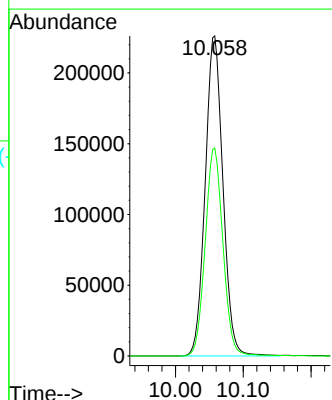
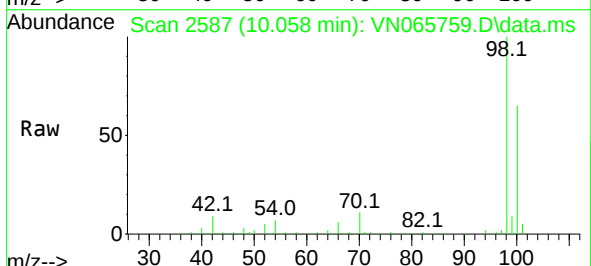
Acq: 8 Feb 2021 16:50

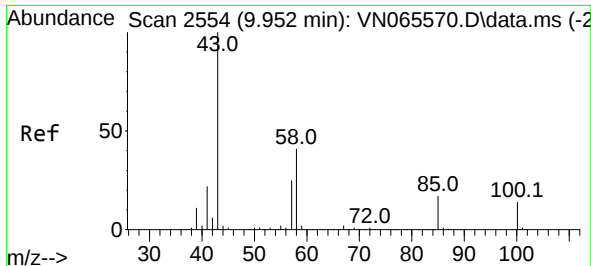
Tgt Ion: 98 Resp: 410699

Ion Ratio Lower Upper

98 100

100 65.2 50.5 75.7

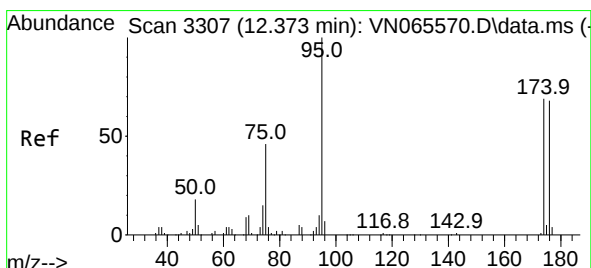
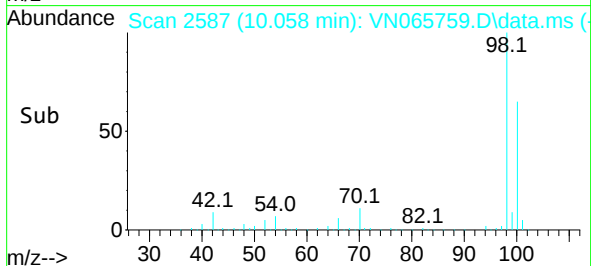
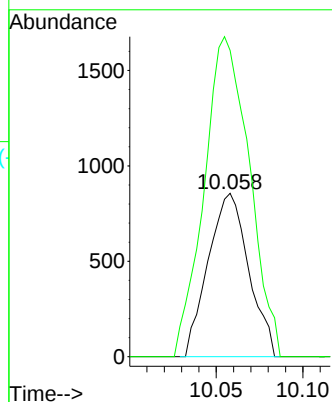
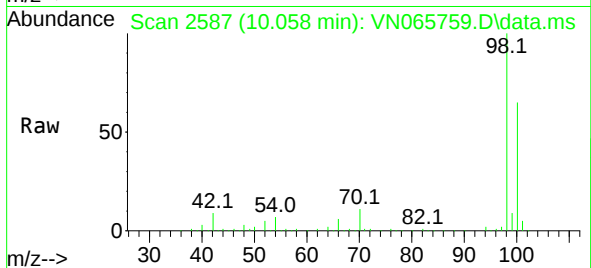




#51
4-Methyl-2-Pentanone
Concen: 0.44 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.106 min
Lab File: VN065759.D
Acq: 8 Feb 2021 16:50

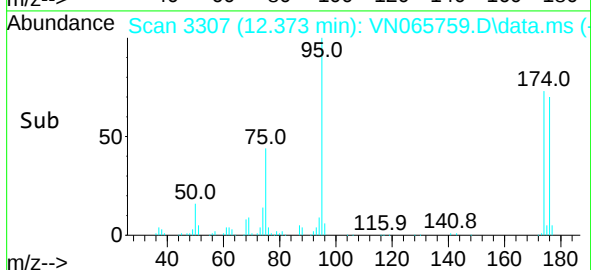
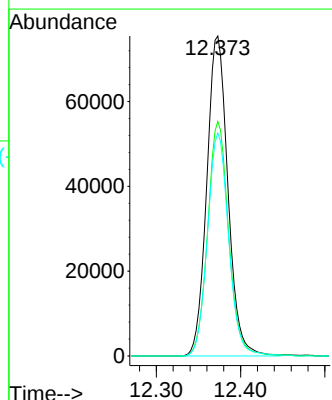
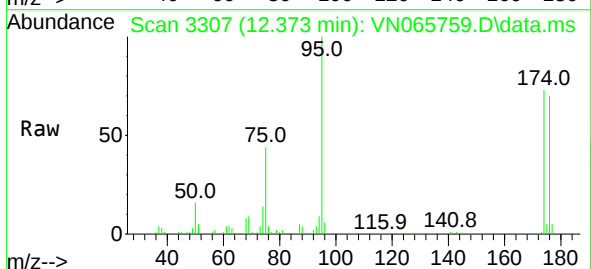
Instrument :
MSVOA_N
ClientSampled :

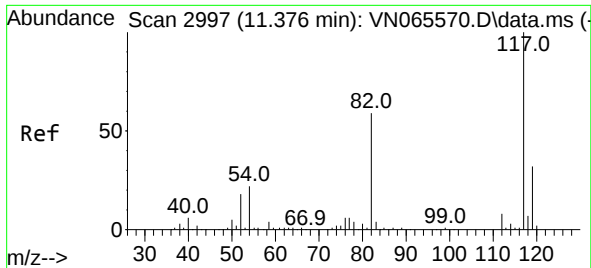
Tgt Ion: 43 Resp: 1390
Ion Ratio Lower Upper
43 100
58 218.7 32.5 48.7#



#62
4-Bromofluorobenzene
Concen: 47.31 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.000 min
Lab File: VN065759.D
Acq: 8 Feb 2021 16:50

Tgt Ion: 95 Resp: 131733
Ion Ratio Lower Upper
95 100
174 72.7 0.0 169.0
176 69.8 0.0 162.4

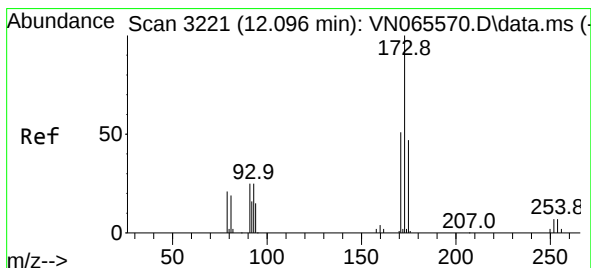
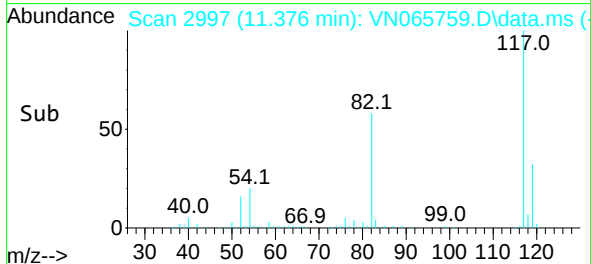
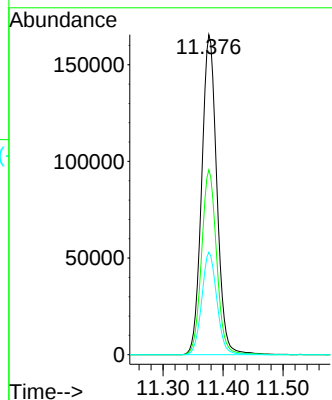
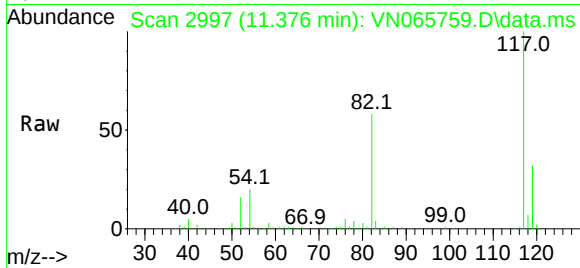




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065759.D
Acq: 8 Feb 2021 16:50

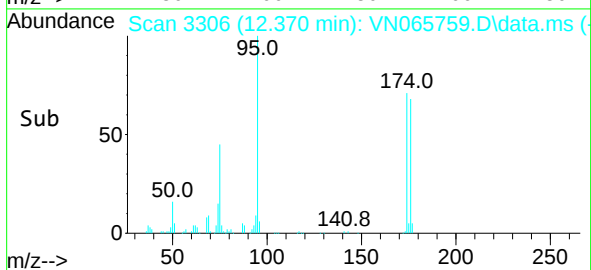
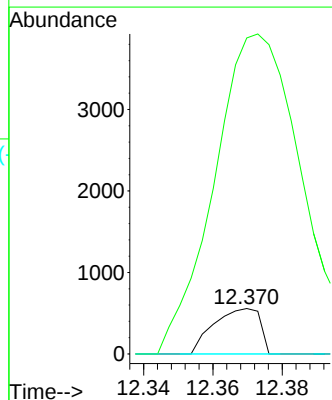
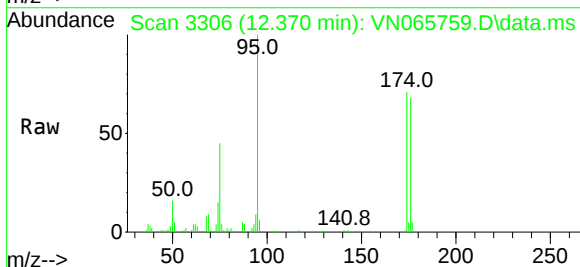
Instrument :
MSVOA_N
ClientSampleId :

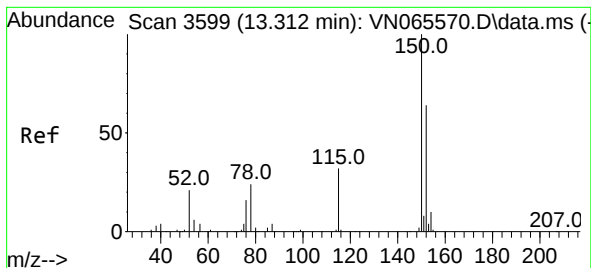
Tgt Ion:117 Resp: 292169
Ion Ratio Lower Upper
117 100
82 57.7 43.7 65.5
119 32.0 26.1 39.1



#71
Bromoform
Concen: 0.35 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. 0.274 min
Lab File: VN065759.D
Acq: 8 Feb 2021 16:50

Tgt Ion:173 Resp: 518
Ion Ratio Lower Upper
173 100
175 1101.4 23.8 71.2#
254 0.0 0.0 0.0

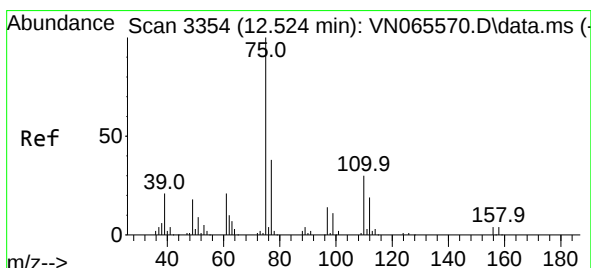
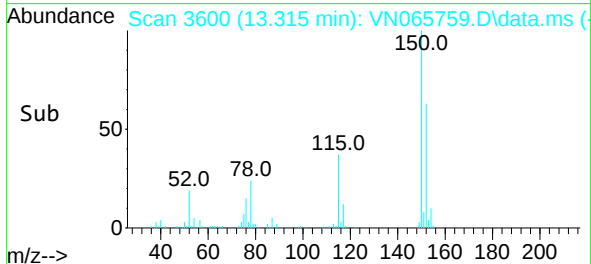
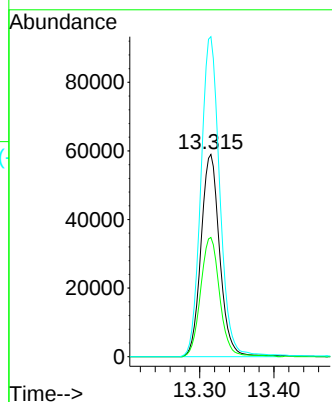
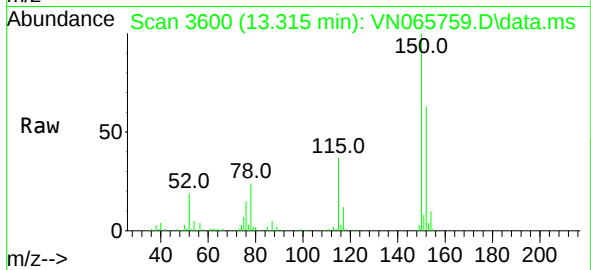




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065759.D
Acq: 8 Feb 2021 16:50

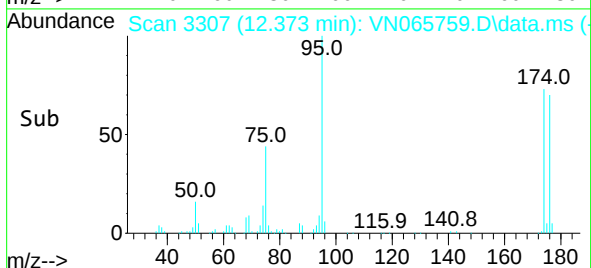
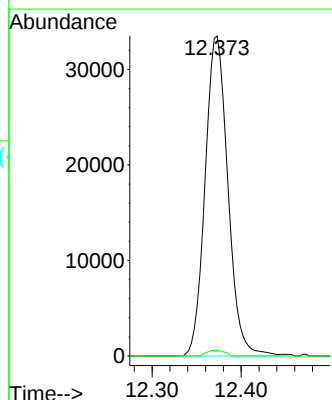
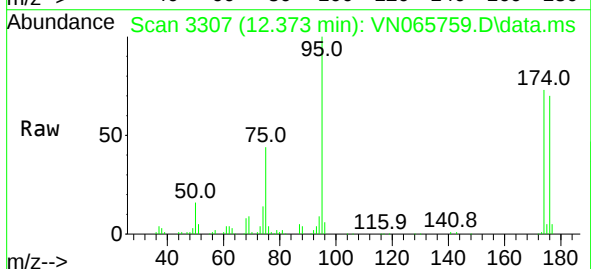
Instrument :
MSVOA_N
ClientSampled :

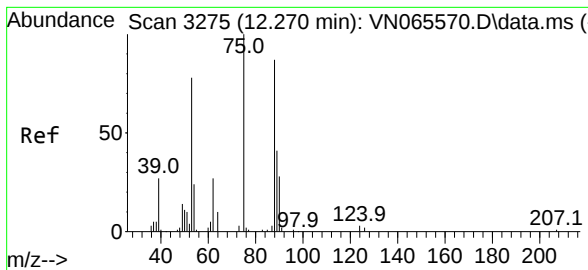
Tgt Ion:152 Resp: 102990
Ion Ratio Lower Upper
152 100
115 60.4 28.5 85.6
150 160.8 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 22.12 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065759.D
Acq: 8 Feb 2021 16:50

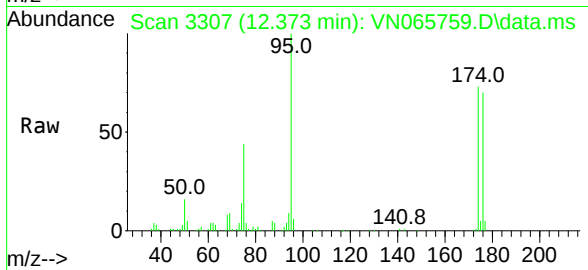
Tgt Ion: 75 Resp: 59558
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.64 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. 0.103 min
 Lab File: VN065759.D
 Acq: 8 Feb 2021 16:50

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 59558
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.6 111.8#
 89 0.0 35.8 53.8#

