

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020821\
 Data File : VN065752.D
 Acq On : 8 Feb 2021 13:57
 Operator : JC/MD
 Sample : M1292-18
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 09 00:39:15 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)

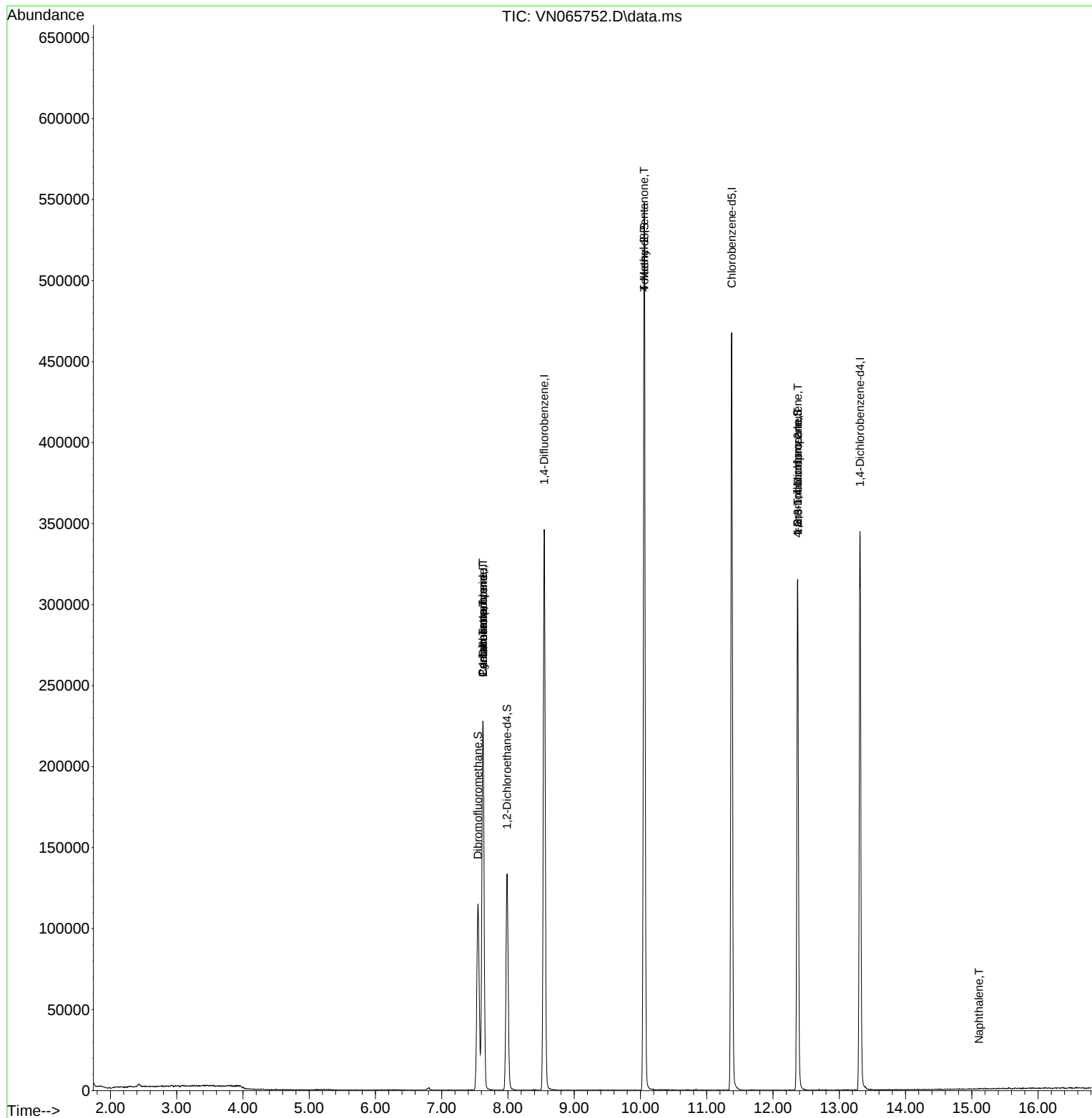
Internal Standards						
1) Pentafluorobenzene	7.624	168	194589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	326733	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	286484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	102593	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.988	65	113156	44.20	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.40%		
35) Dibromofluoromethane	7.547	113	93600	48.34	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.68%		
50) Toluene-d8	10.058	98	404720	53.18	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.36%		
62) 4-Bromofluorobenzene	12.370	95	128536	46.90	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.80%		
Target Compounds						Qvalue
31) Cyclohexane	7.621	56	3367	0.70	ug/l #	1
36) 1,1-Dichloropropene	7.621	75	14189	4.32	ug/l #	47
38) Carbon Tetrachloride	7.621	117	18157	6.71	ug/l #	16
51) 4-Methyl-2-Pentanone	10.055	43	1533	0.50	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	58983	21.99	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	58983	56.31	ug/l #	12
95) Naphthalene	15.109	128	29	3.46	ug/l #	69

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

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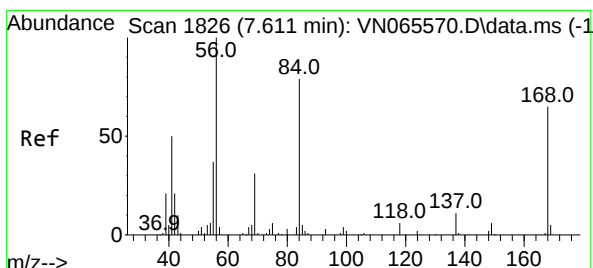
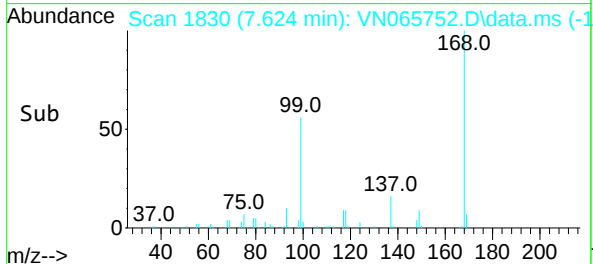
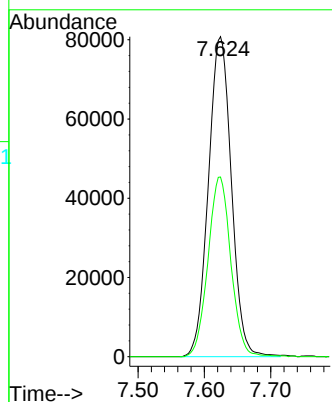
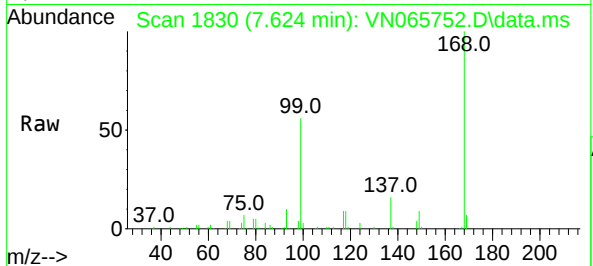




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065752.D
Acq: 8 Feb 2021 13:57

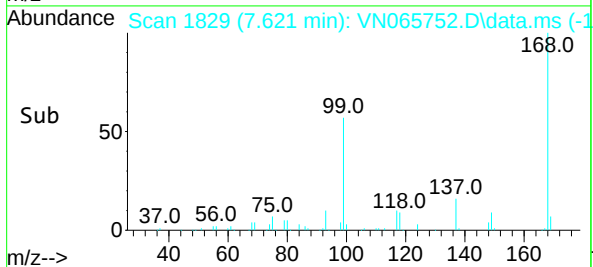
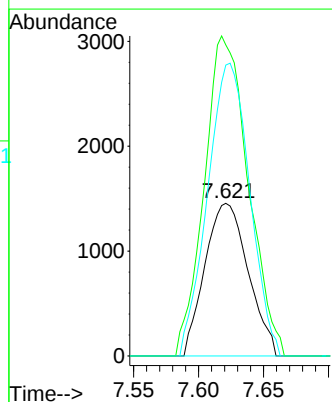
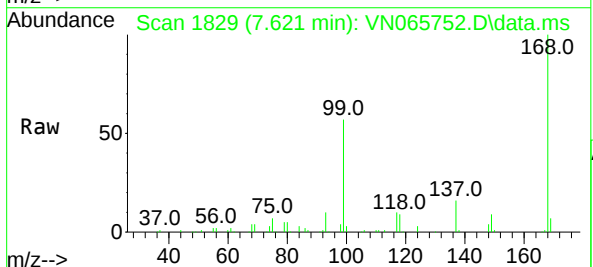
Instrument :
MSVOA_N
ClientSampleId :

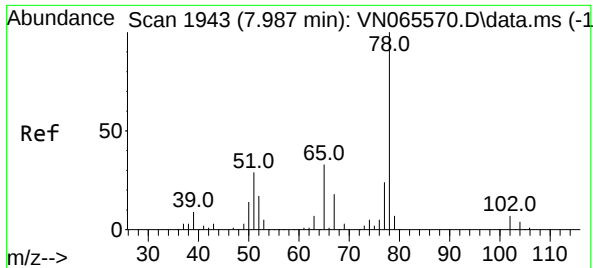
Tgt Ion:168 Resp: 194589
Ion Ratio Lower Upper
168 100
99 56.1 42.6 63.8



#31
Cyclohexane
Concen: 0.70 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. 0.010 min
Lab File: VN065752.D
Acq: 8 Feb 2021 13:57

Tgt Ion: 56 Resp: 3367
Ion Ratio Lower Upper
56 100
69 191.6 26.6 39.8#
84 190.6 70.4 105.6#

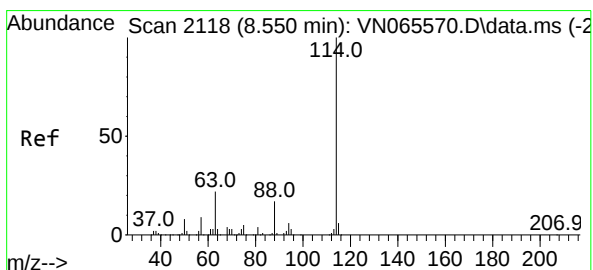
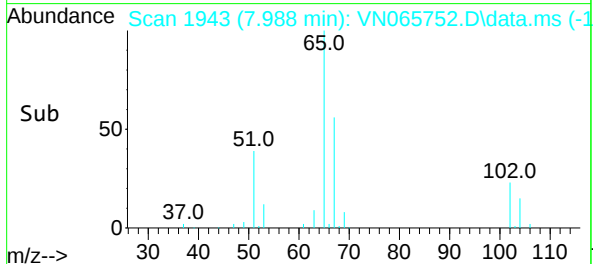
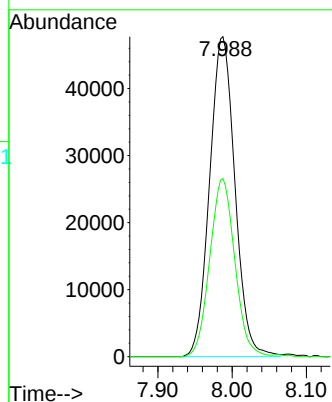
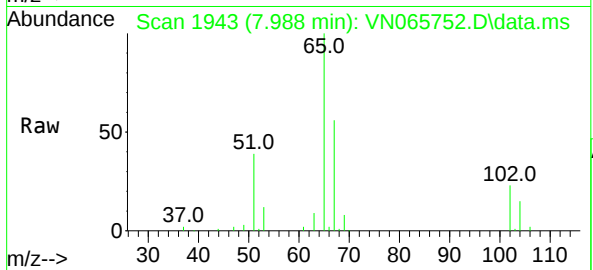




#33
1,2-Dichloroethane-d4
Concen: 44.20 ug/l
RT: 7.988 min Scan# 1943
Delta R.T. 0.001 min
Lab File: VN065752.D
Acq: 8 Feb 2021 13:57

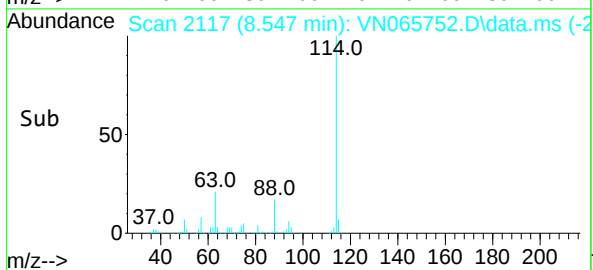
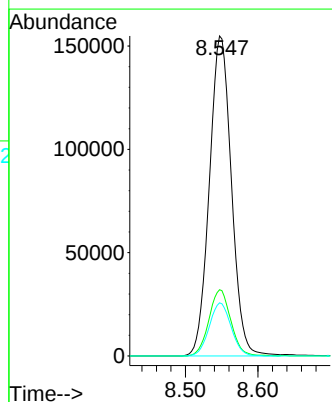
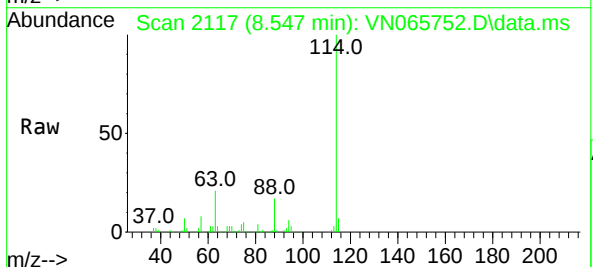
Instrument :
MSVOA_N
ClientSampled :

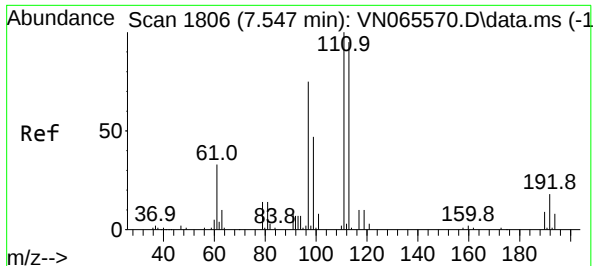
Tgt Ion: 65 Resp: 113156
Ion Ratio Lower Upper
65 100
67 55.0 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065752.D
Acq: 8 Feb 2021 13:57

Tgt Ion: 114 Resp: 326733
Ion Ratio Lower Upper
114 100
63 20.7 0.0 38.6
88 16.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.34 ug/l

RT: 7.547 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN065752.D

Acq: 8 Feb 2021 13:57

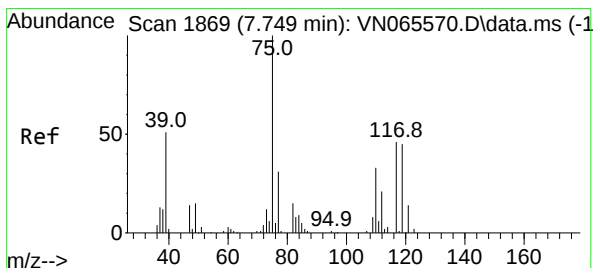
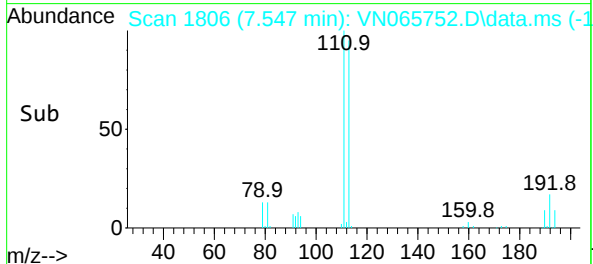
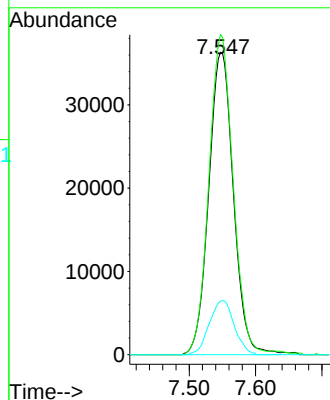
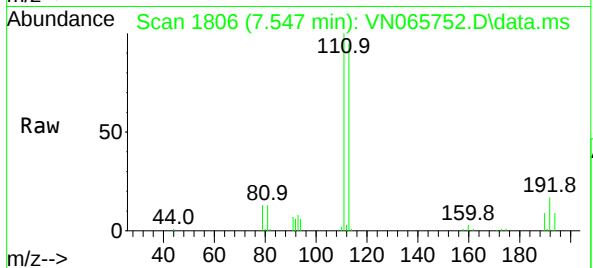
Tgt Ion:113 Resp: 93600

Ion Ratio Lower Upper

113 100

111 104.1 82.2 123.2

192 18.1 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.32 ug/l

RT: 7.621 min Scan# 1829

Delta R.T. -0.128 min

Lab File: VN065752.D

Acq: 8 Feb 2021 13:57

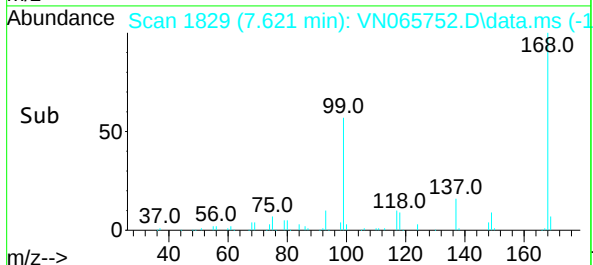
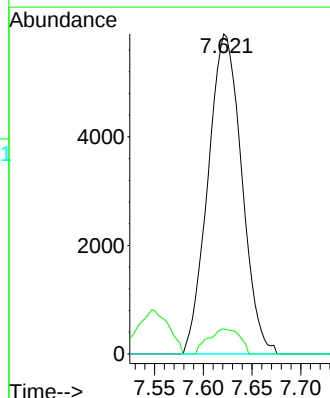
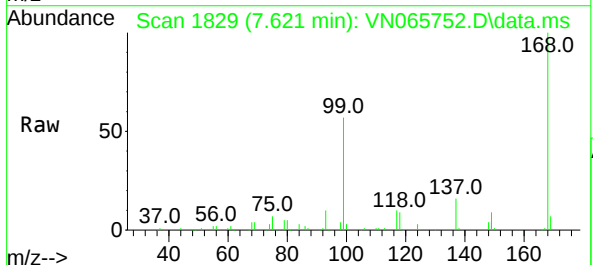
Tgt Ion: 75 Resp: 14189

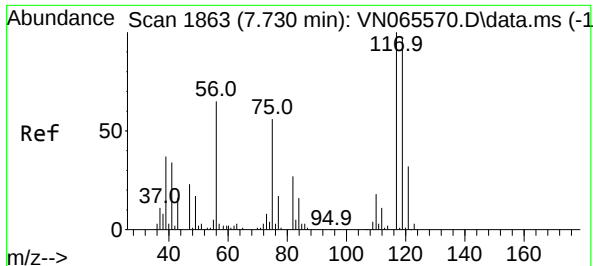
Ion Ratio Lower Upper

75 100

110 7.3 18.2 54.6#

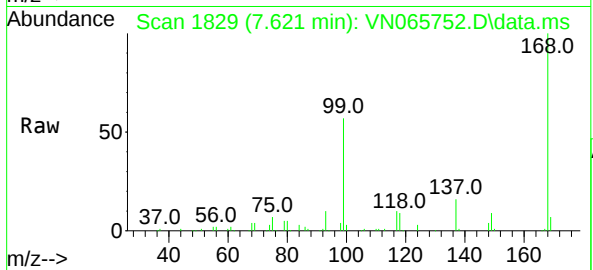
77 0.0 24.9 37.3#



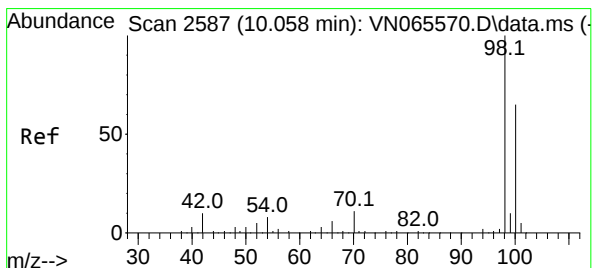
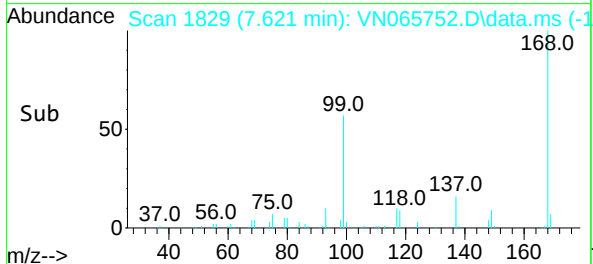
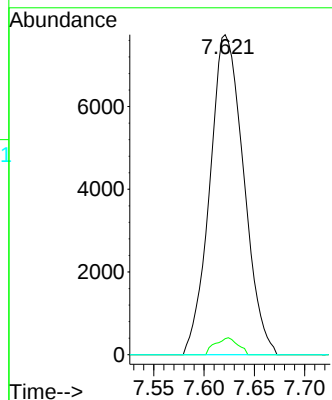


#38
Carbon Tetrachloride
Concen: 6.71 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.109 min
Lab File: VN065752.D
Acq: 8 Feb 2021 13:57

Instrument :
MSVOA_N
ClientSampled :

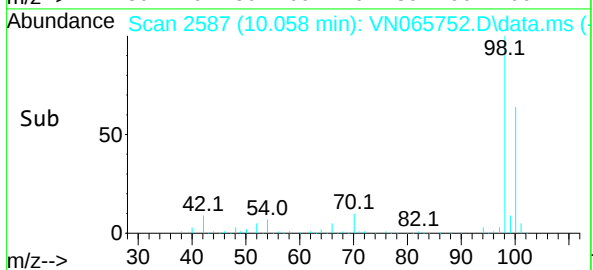
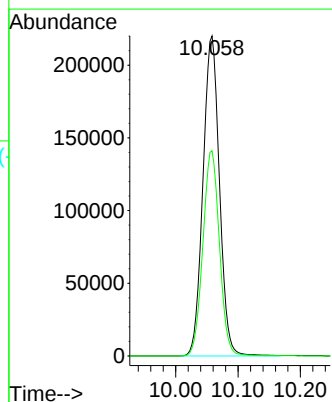
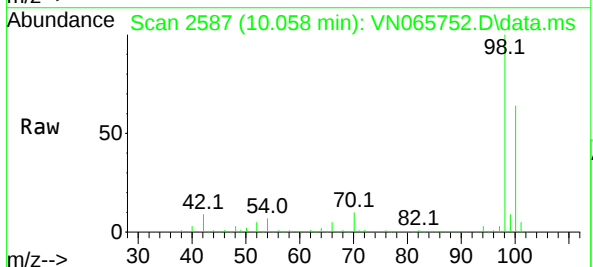


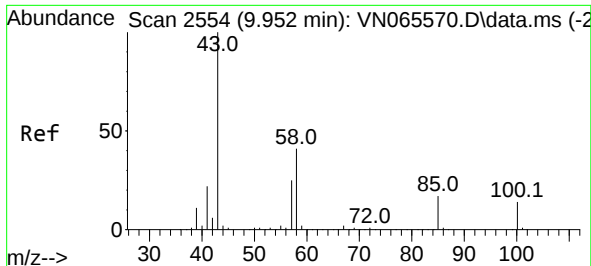
Tgt Ion:117 Resp: 18157
Ion Ratio Lower Upper
117 100
119 5.0 76.0 114.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 53.18 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065752.D
Acq: 8 Feb 2021 13:57

Tgt Ion: 98 Resp: 404720
Ion Ratio Lower Upper
98 100
100 64.3 50.5 75.7

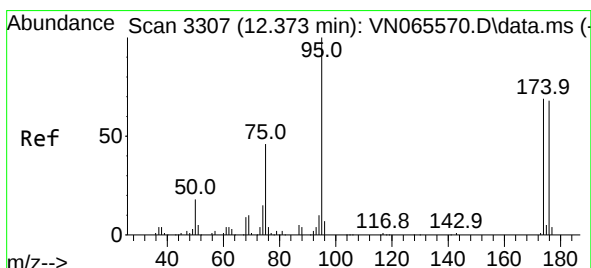
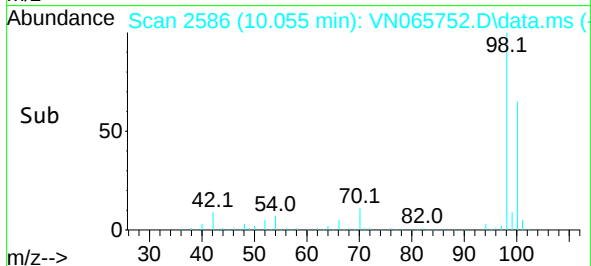
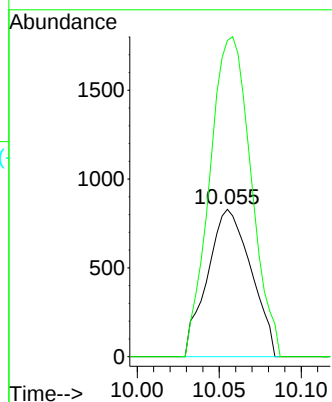
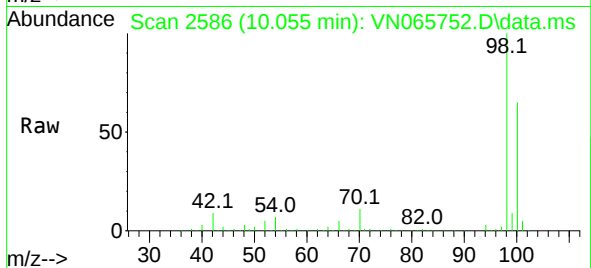




#51
4-Methyl-2-Pentanone
Concen: 0.50 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. 0.103 min
Lab File: VN065752.D
Acq: 8 Feb 2021 13:57

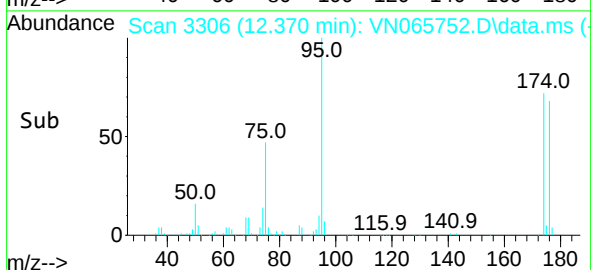
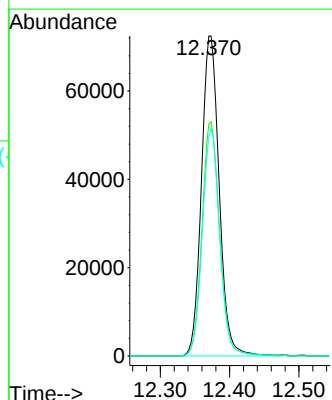
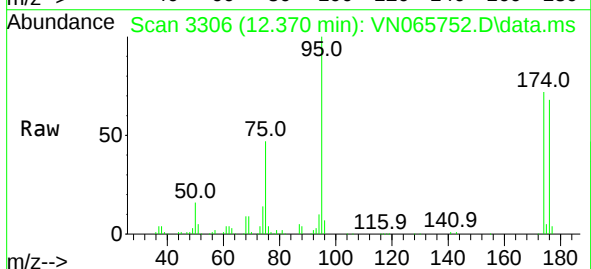
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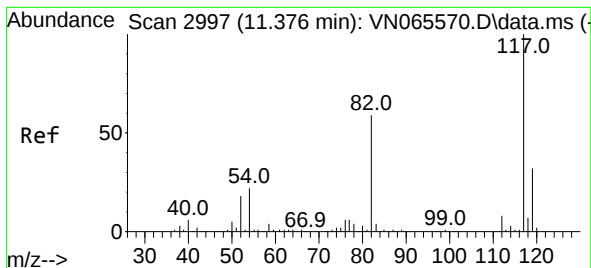
Tgt Ion: 43 Resp: 1533
Ion Ratio Lower Upper
43 100
58 205.8 32.5 48.7#



#62
4-Bromofluorobenzene
Concen: 46.90 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.003 min
Lab File: VN065752.D
Acq: 8 Feb 2021 13:57

Tgt Ion: 95 Resp: 128536
Ion Ratio Lower Upper
95 100
174 72.8 0.0 169.0
176 69.7 0.0 162.4

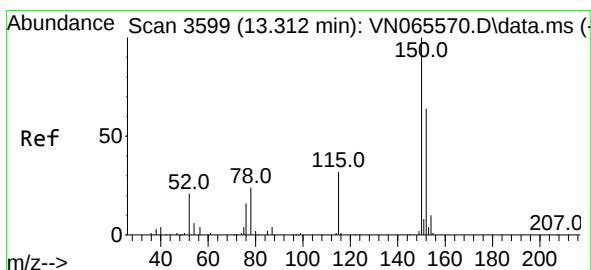
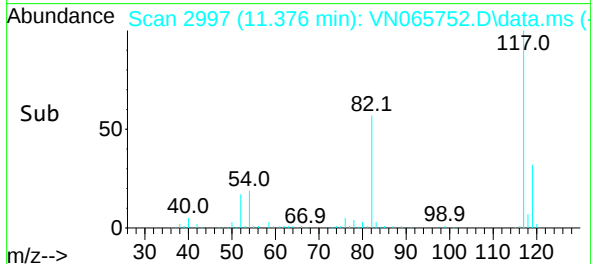
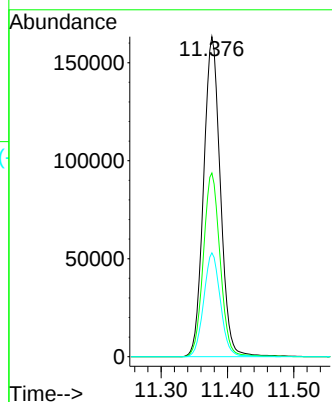
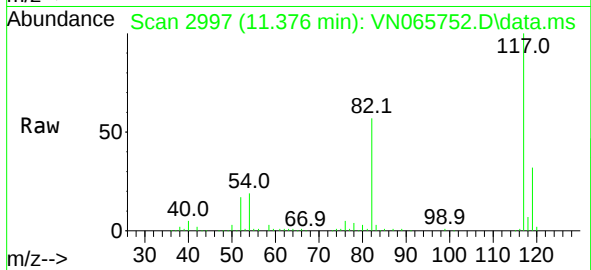




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065752.D
Acq: 8 Feb 2021 13:57

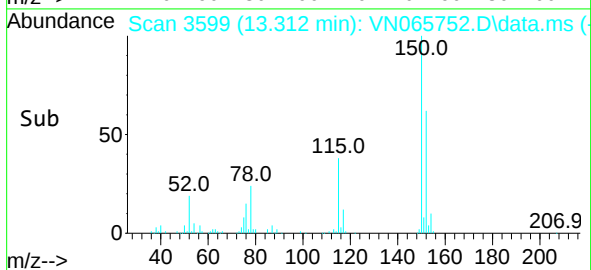
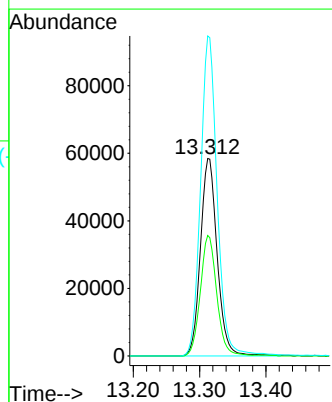
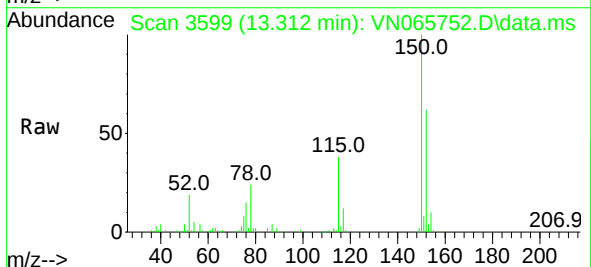
Instrument :
MSVOA_N
ClientSampled :

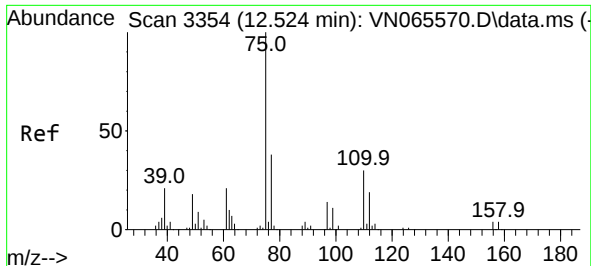
Tgt Ion:117 Resp: 286484
Ion Ratio Lower Upper
117 100
82 57.4 43.7 65.5
119 32.4 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.312 min Scan# 3599
Delta R.T. 0.000 min
Lab File: VN065752.D
Acq: 8 Feb 2021 13:57

Tgt Ion:152 Resp: 102593
Ion Ratio Lower Upper
152 100
115 59.6 28.5 85.6
150 160.8 0.0 347.6

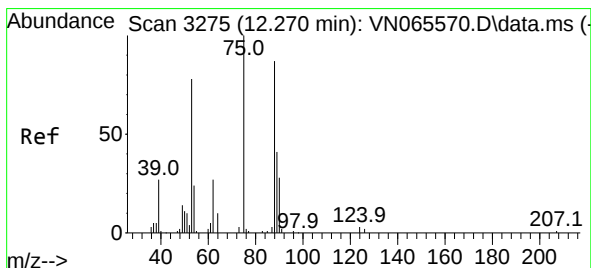
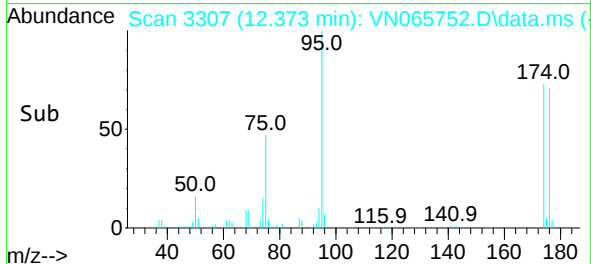
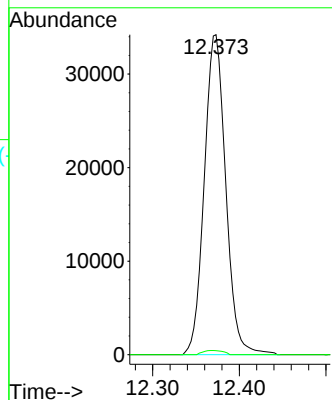
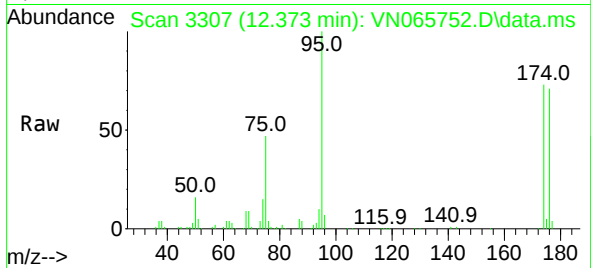




#76
1,2,3-Trichloropropane
Concen: 21.99 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065752.D
Acq: 8 Feb 2021 13:57

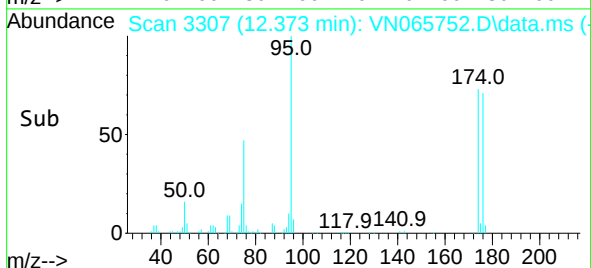
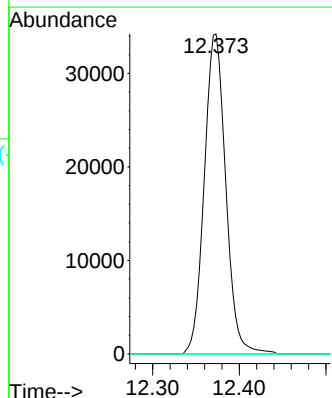
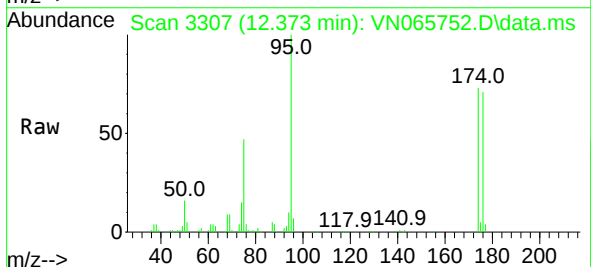
Instrument :
MSVOA_N
ClientSampleId :

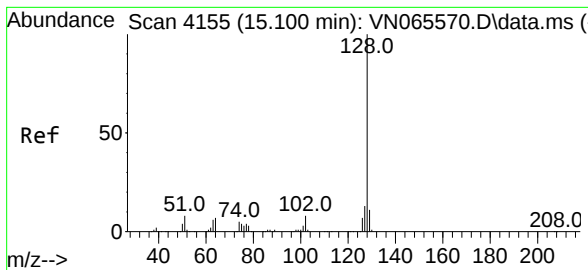
Tgt Ion: 75 Resp: 58983
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.31 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065752.D
Acq: 8 Feb 2021 13:57

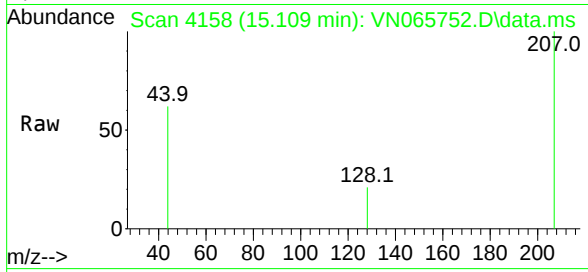
Tgt Ion: 75 Resp: 58983
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#





#95
Naphthalene
Concen: 3.46 ug/l
RT: 15.109 min Scan# 4158
Delta R.T. 0.009 min
Lab File: VN065752.D
Acq: 8 Feb 2021 13:57

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 29
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

