

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061983.D
 Acq On : 20 Jun 2020 7:40
 Operator : JC/MD
 Sample : L3043-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW201D-20200613

Quant Time: Jun 22 00:43:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

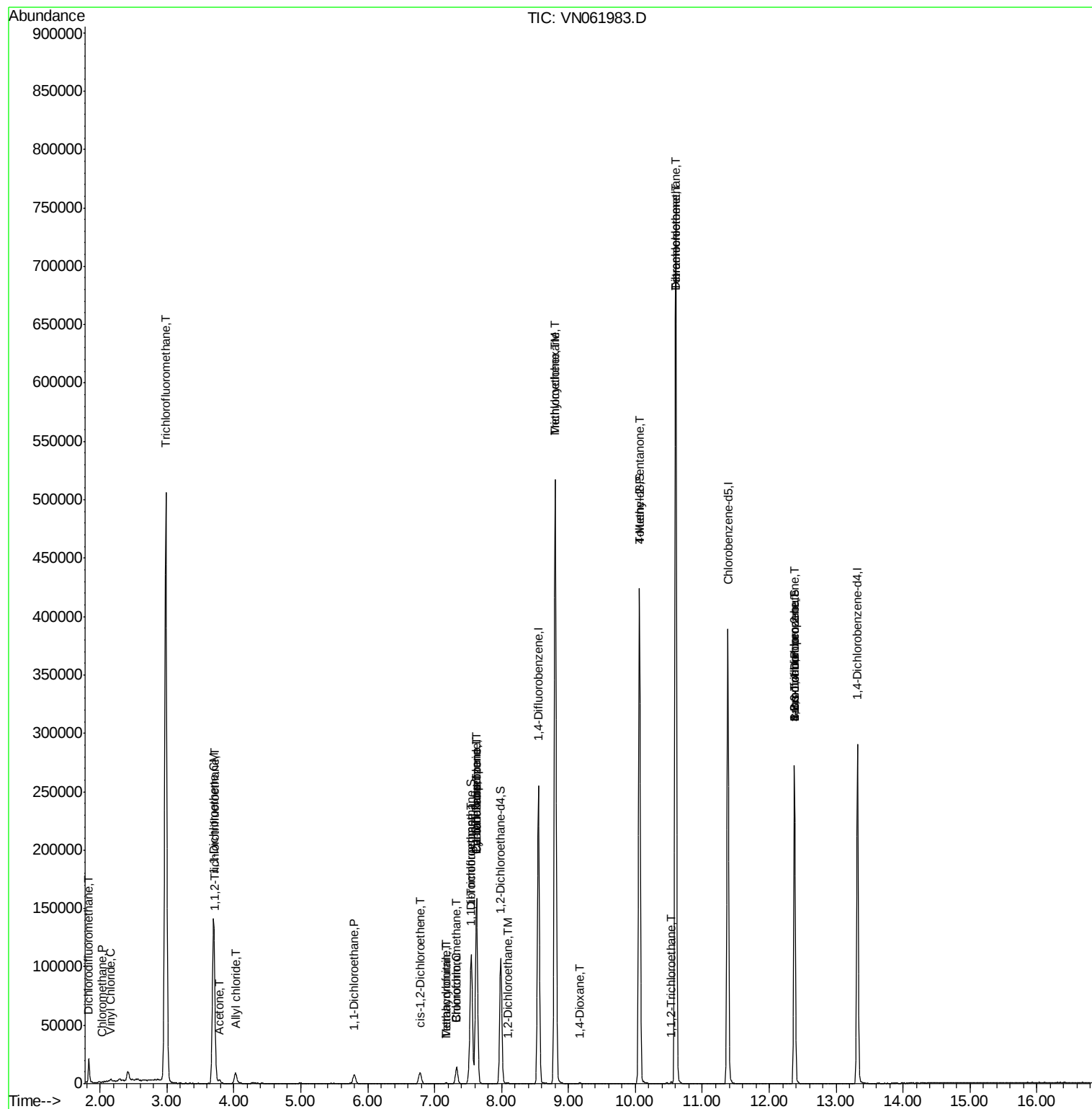
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	127160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	235344	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	229467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	80568	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	90053	52.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.60%	
35) Dibromofluoromethane	7.55	113	76876	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
50) Toluene-d8	10.06	98	297956	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	
62) 4-Bromofluorobenzene	12.38	95	94401	46.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.98%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	15931	9.864	ug/l	99
3) Chloromethane	2.03	50	370	0.210	ug/l #	71
4) Vinyl Chloride	2.16	62	1143	0.543	ug/l	95
7) Trichlorofluoromethane	2.98	101	489625	194.807	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	4885	3.788	ug/l #	82
12) 1,1-Dichloroethene	3.70	96	73446	56.847	ug/l	97
14) Allyl chloride	4.02	41	1415	0.825	ug/l #	61
16) Acetone	3.78	43	3235	6.422	ug/l	93
24) 1,1-Dichloroethane	5.81	63	12527	4.880	ug/l	96
27) cis-1,2-Dichloroethene	6.78	96	5952	3.476	ug/l	87
28) Bromochloromethane	7.33	49	931	0.814	ug/l #	6
29) Tetrahydrofuran	7.17	42	461	0.953	ug/l #	36
30) Chloroform	7.33	83	15005	5.469	ug/l	95
31) Cyclohexane	7.63	56	2769	1.232	ug/l #	3
32) 1,1,1-Trichloroethane	7.53	97	19294	8.257	ug/l	98
36) 1,1-Dichloropropene	7.63	75	10298	4.797	ug/l #	48
38) Carbon Tetrachloride	7.63	117	12419	5.842	ug/l #	16
39) Methylcyclohexane	8.81	83	2243	0.970	ug/l #	1
41) Methacrylonitrile	7.17	41	256	0.357	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	552	0.249	ug/l #	73
44) Trichloroethene	8.80	130	193374	112.998	ug/l	99
49) 1,4-Dioxane	9.17	88	537	18.207	ug/l #	70
51) 4-Methyl-2-Pentanone	10.06	43	1153	0.691	ug/l #	1
55) 1,1,2-Trichloroethane	10.53	97	599	0.373	ug/l #	72
60) Dibromochloromethane	10.60	129	162222	90.480	ug/l #	11
64) Tetrachloroethene	10.60	164	172500	117.945	ug/l	99
71) Bromoform	12.38	173	937	0.761	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	47149	29.808	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	47149	81.299	ug/l #	14

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

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QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061983.D

Acq: 20 Jun 2020 7:40

Instrument :

MSVOA_N

ClientSampleId :

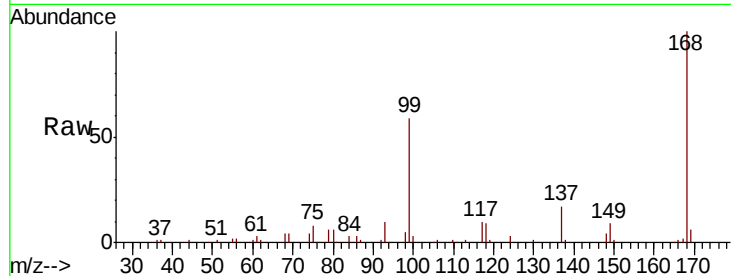
MW201D-20200613

Tot Ion:168 Resp: 127160

Ion Ratio Lower Upper

168 100

99 58.0 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

60000

50000

40000

30000

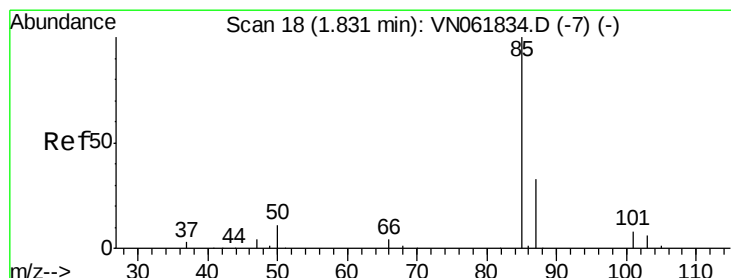
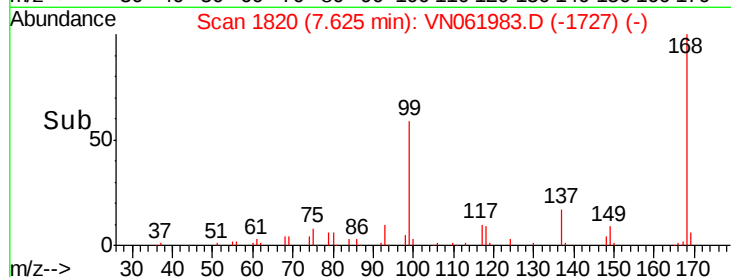
20000

10000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 9.864 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061983.D

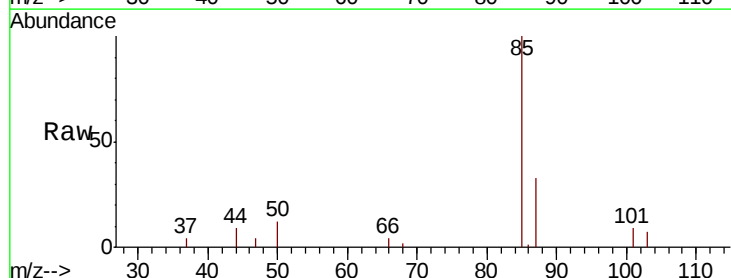
Acq: 20 Jun 2020 7:40

Tgt Ion: 85 Resp: 15931

Ion Ratio Lower Upper

85 100

87 32.5 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

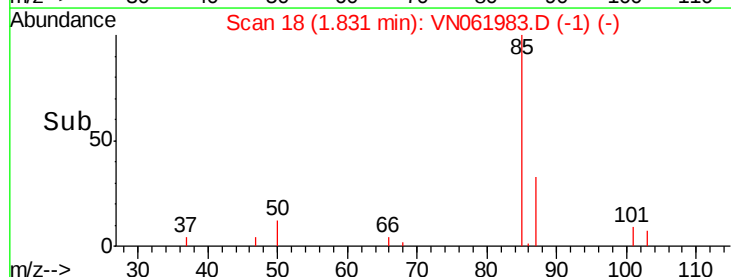
10000

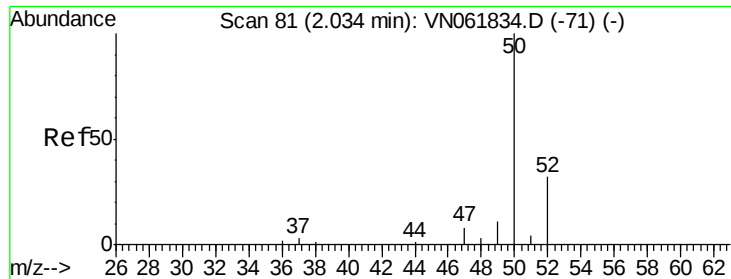
5000

0

1.80 1.85

Time-->





#3

Chloromethane

Concen: 0.210 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061983.D

Acq: 20 Jun 2020 7:40

Instrument :

MSVOA_N

ClientSampleId :

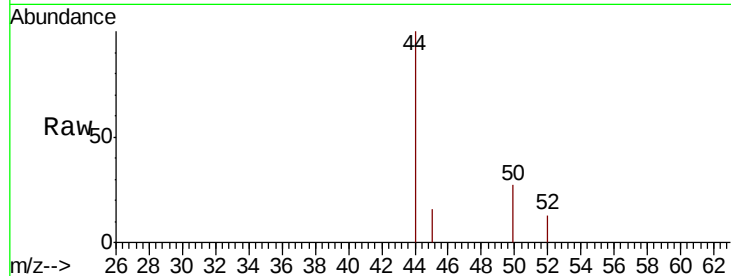
MW201D-20200613

Tot Ion: 50 Resp: 370

Ion Ratio Lower Upper

50 100

52 48.9 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.03

300

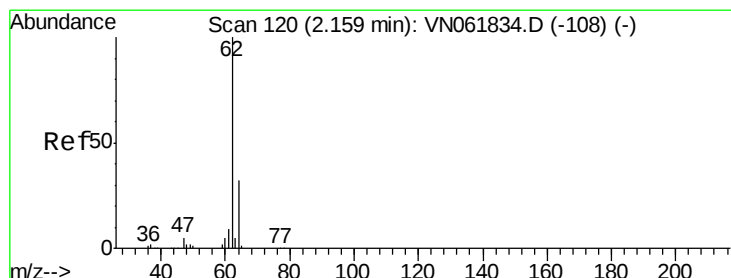
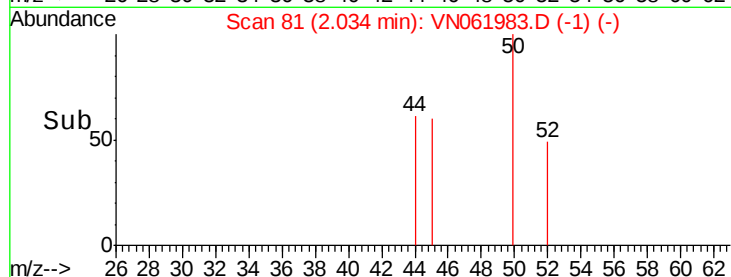
200

100

0

2.02 2.04 2.06

Time-->



#4

Vinyl Chloride

Concen: 0.543 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN061983.D

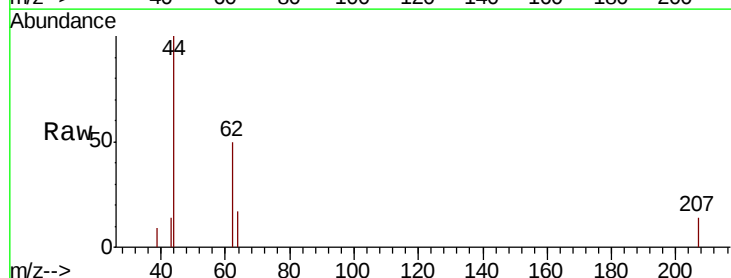
Acq: 20 Jun 2020 7:40

Tgt Ion: 62 Resp: 1143

Ion Ratio Lower Upper

62 100

64 34.7 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

1000

800

600

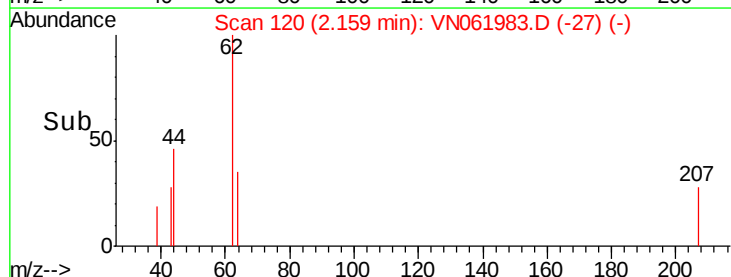
400

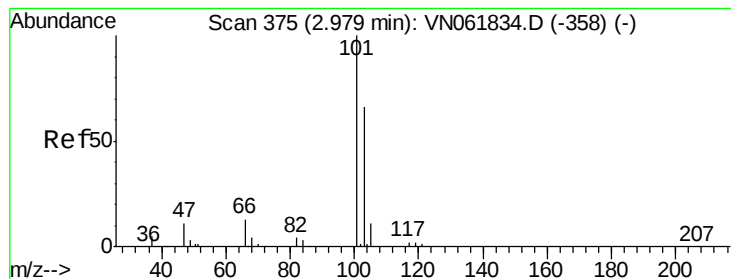
200

0

2.12 2.14 2.16 2.18

Time-->



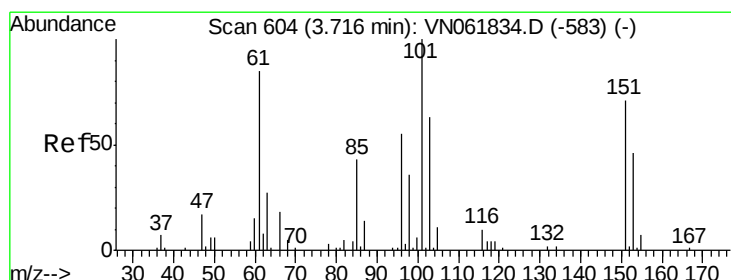
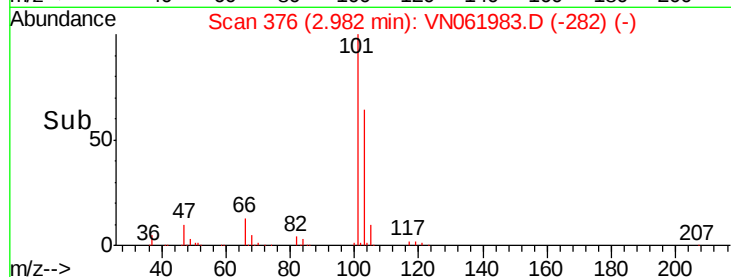
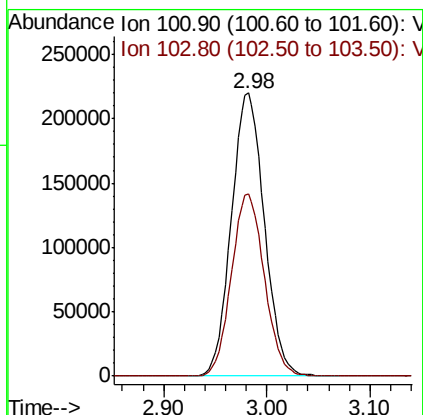
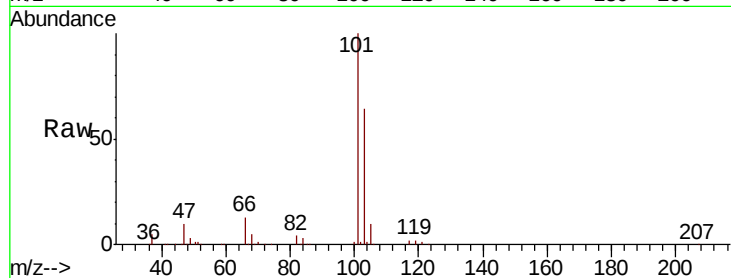


#7

Trichlorofluoromethane
Concen: 194.807 ug/l
RT: 2.98 min Scan# 376
Delta R.T. 0.00 min
Lab File: VN061983.D
Acq: 20 Jun 2020 7:40

Instrument :
MSVOA_N
ClientSampleId :
MW201D-20200613

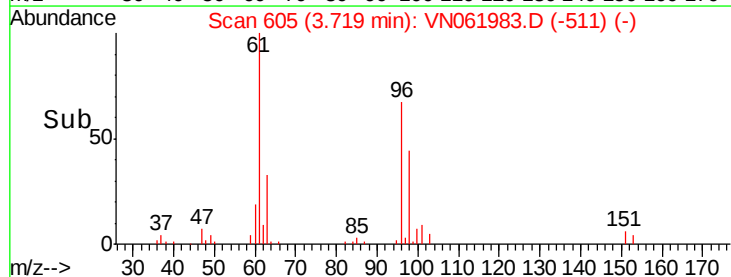
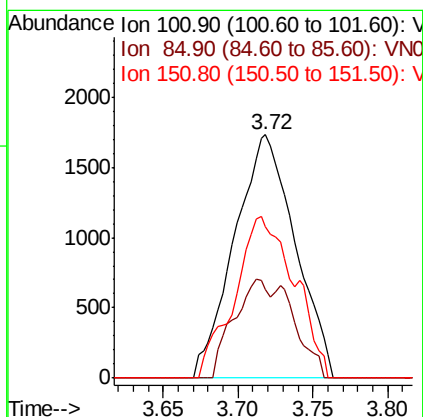
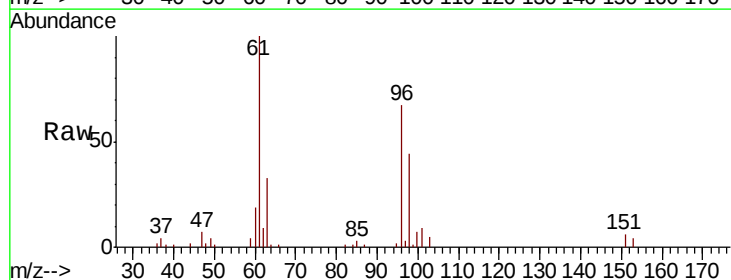
Tot Ion:101 Resp: 489625
Ion Ratio Lower Upper
101 100
103 64.2 52.8 79.2

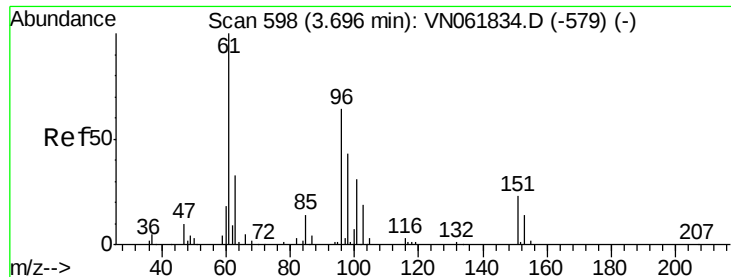


#9

1,1,2-Trichlorotrifluoroethane
Concen: 3.788 ug/l
RT: 3.72 min Scan# 605
Delta R.T. 0.00 min
Lab File: VN061983.D
Acq: 20 Jun 2020 7:40

Tgt Ion:101 Resp: 4885
Ion Ratio Lower Upper
101 100
85 23.9 35.0 52.6#
151 65.5 59.2 88.8





#12

1,1-Dichloroethene

Concen: 56.847 ug/l

RT: 3.70 min Scan# 598

Delta R.T. -0.00 min

Lab File: VN061834.D

Acq: 20 Jun 2020 7:40

Instrument :

MSVOA_N

ClientSampleId :

MW201D-20200613

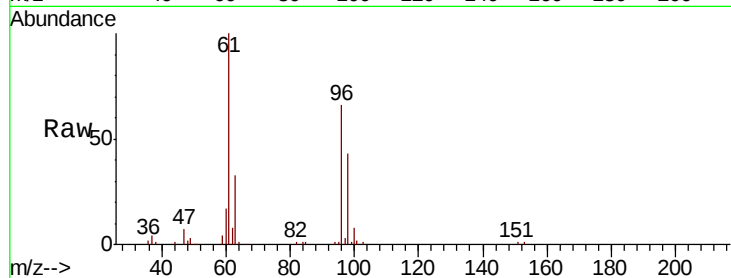
Tot Ion: 96 Resp: 73446

Ion Ratio Lower Upper

96 100

61 150.9 124.3 186.5

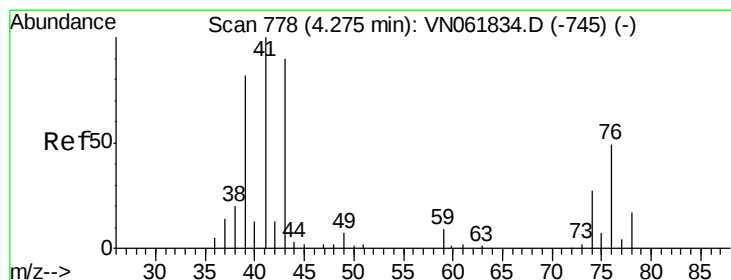
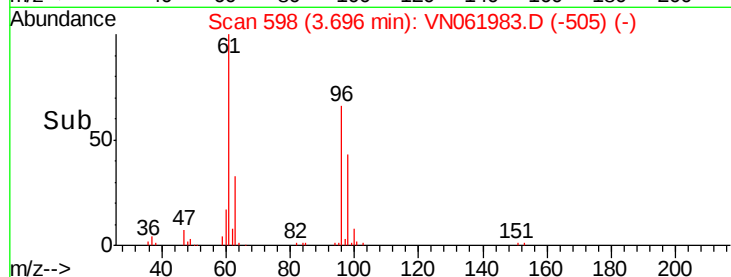
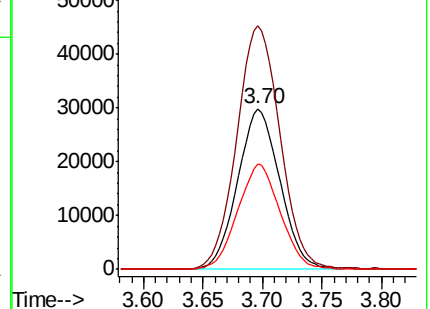
98 65.5 53.1 79.7



Abundance Ion 95.90 (95.60 to 96.60): VN061834.D (-579) (-)

Ion 60.90 (60.60 to 61.60): VN061834.D (-579) (-)

Ion 97.90 (97.60 to 98.60): VN061834.D (-579) (-)



#14

Allyl chloride

Concen: 0.825 ug/l

RT: 4.02 min Scan# 698

Delta R.T. -0.26 min

Lab File: VN061834.D

Acq: 20 Jun 2020 7:40

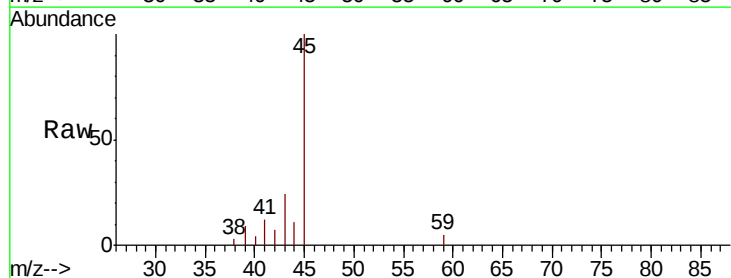
Tgt Ion: 41 Resp: 1415

Ion Ratio Lower Upper

41 100

39 57.5 60.2 90.2#

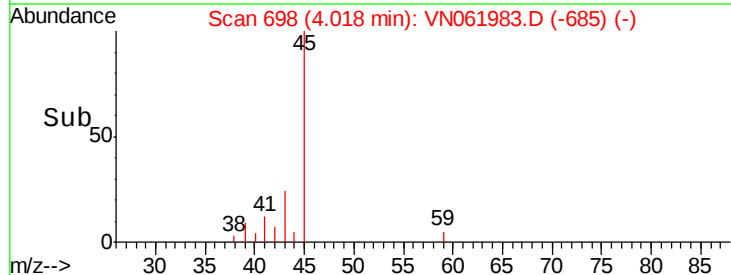
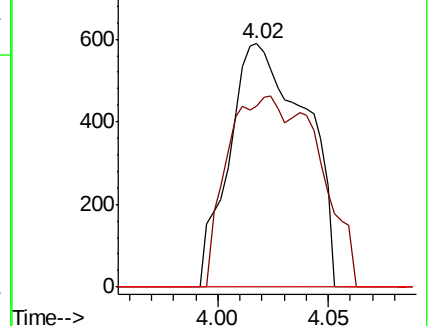
76 0.0 36.3 54.5#

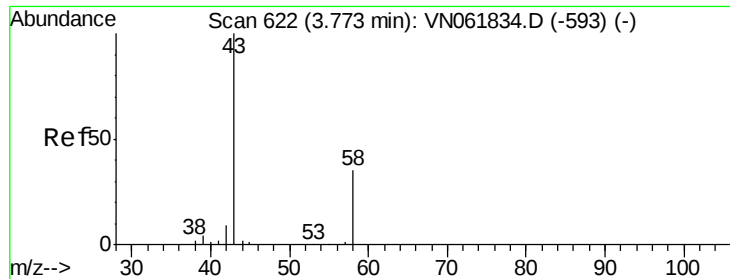


Abundance Ion 41.00 (40.70 to 41.70): VN061834.D (-745) (-)

Ion 39.00 (38.70 to 39.70): VN061834.D (-745) (-)

Ion 75.90 (75.60 to 76.60): VN061834.D (-745) (-)





#16

Acetone

Concen: 6.422 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061983.D

Acq: 20 Jun 2020 7:40

Instrument :

MSVOA_N

ClientSampleId :

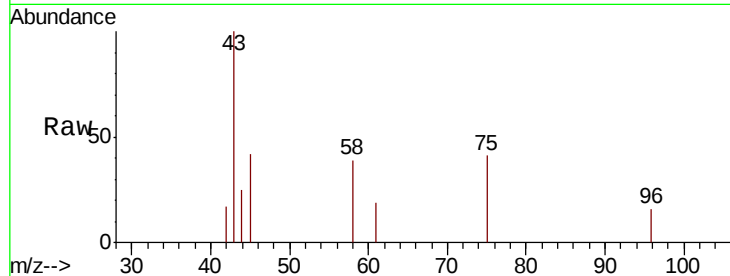
MW201D-20200613

Tot Ion: 43 Resp: 3235

Ion Ratio Lower Upper

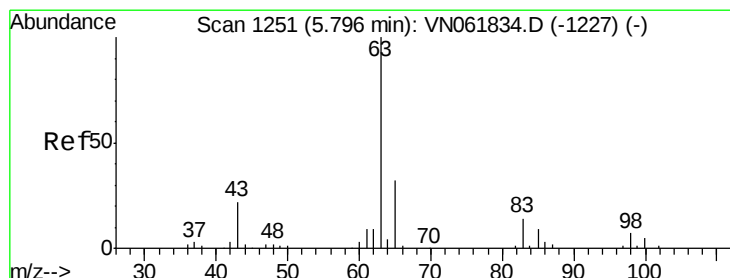
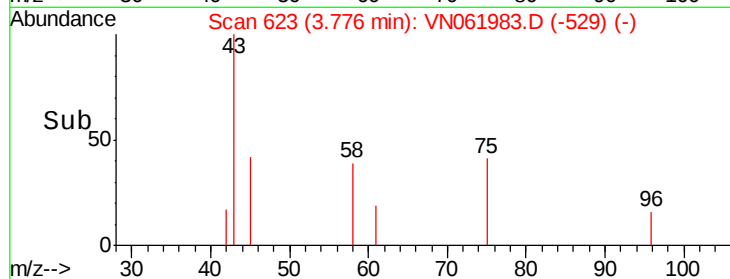
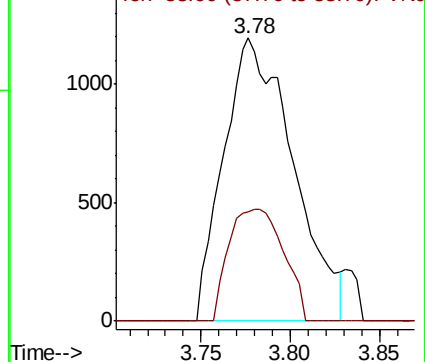
43 100

58 38.8 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VN061983.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN061983.D (-529) (-)



#24

1,1-Dichloroethane

Concen: 4.880 ug/l

RT: 5.81 min Scan# 1254

Delta R.T. 0.01 min

Lab File: VN061983.D

Acq: 20 Jun 2020 7:40

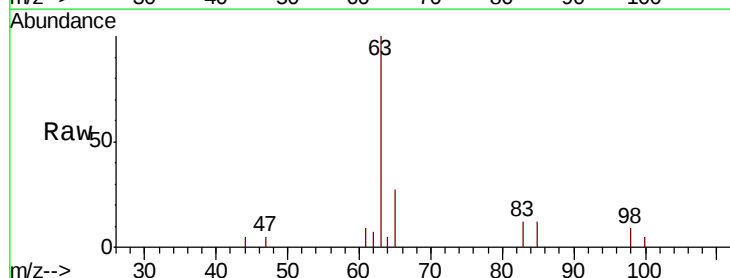
Tgt Ion: 63 Resp: 12527

Ion Ratio Lower Upper

63 100

98 9.3 3.5 10.4

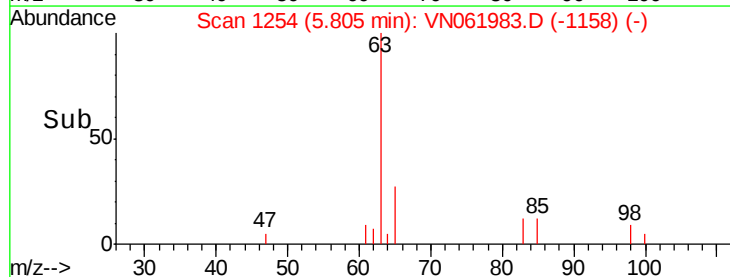
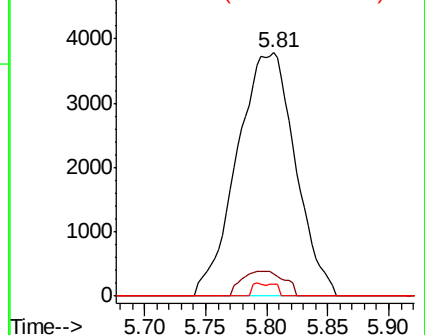
100 5.2 2.5 7.4

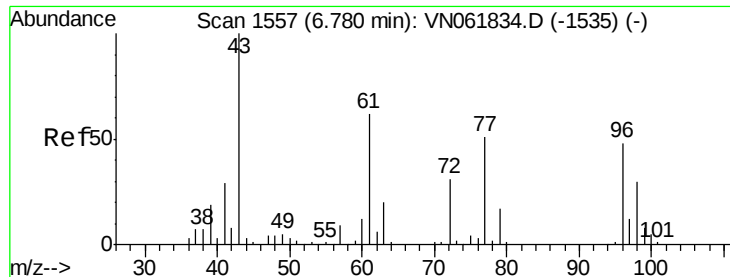


Abundance Ion 62.90 (62.60 to 63.60): VN061983.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN061983.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN061983.D (-1158) (-)





#27

cis-1,2-Dichloroethene

Concen: 3.476 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN061983.D

Acq: 20 Jun 2020 7:40

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MSVOA_N
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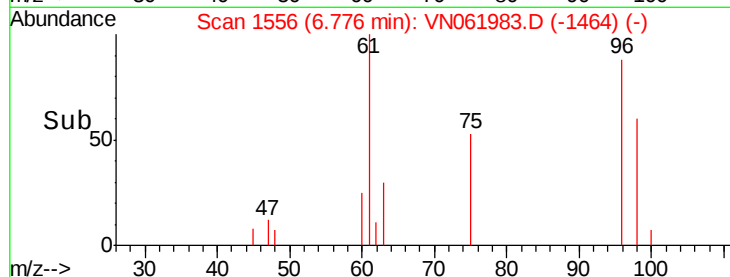
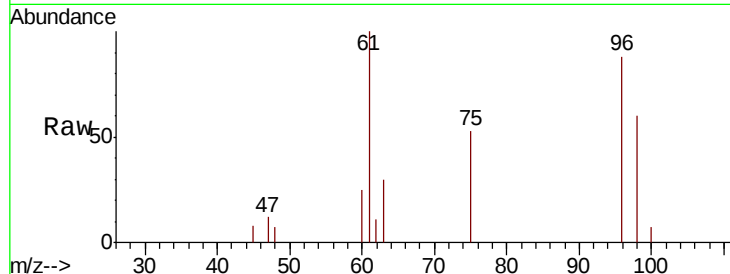
Tot Ion: 96 Resp: 5952

Ion Ratio Lower Upper

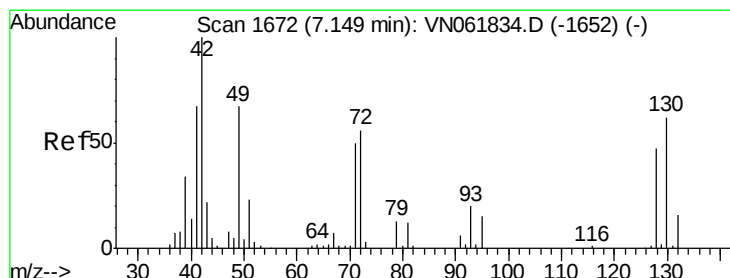
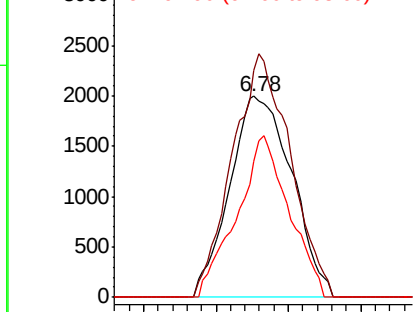
96 100

61 112.8 0.0 265.6

98 67.1 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 0.814 ug/l

RT: 7.33 min Scan# 1727

Delta R.T. 0.18 min

Lab File: VN061983.D

Acq: 20 Jun 2020 7:40

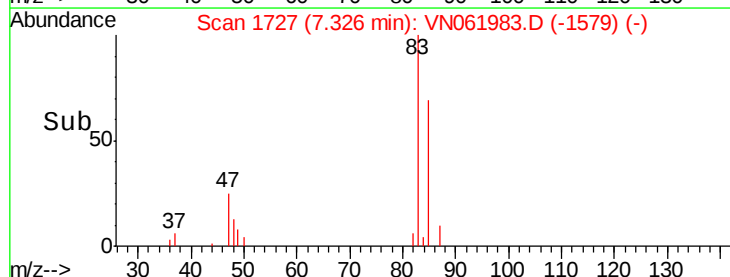
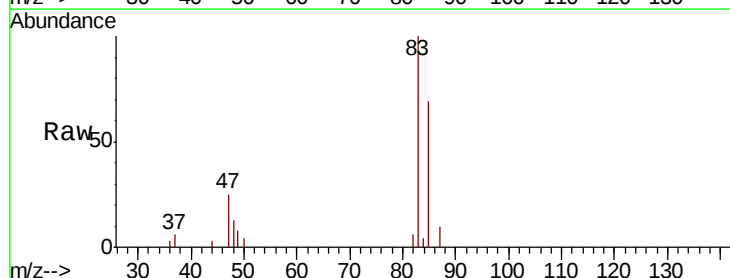
Tgt Ion: 49 Resp: 931

Ion Ratio Lower Upper

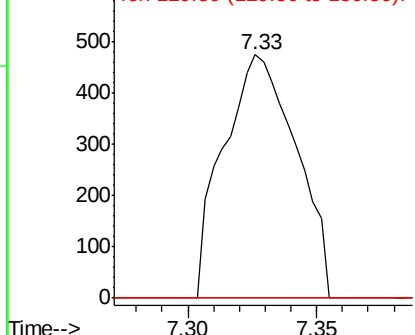
49 100

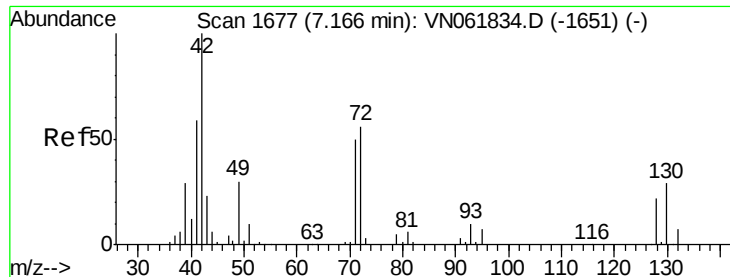
129 0.0 0.0 4.0

130 0.0 72.2 108.2#



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

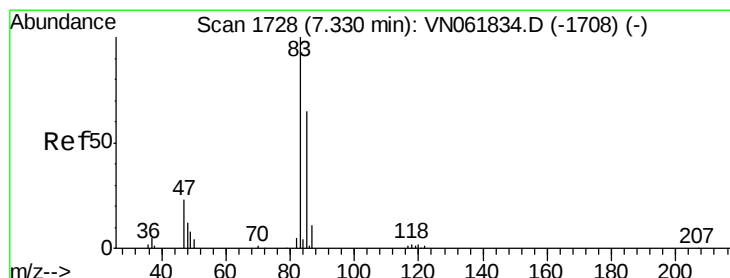
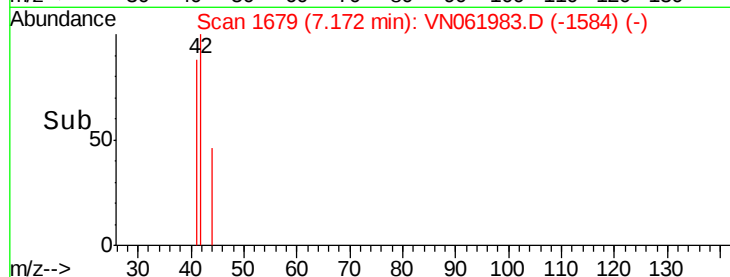
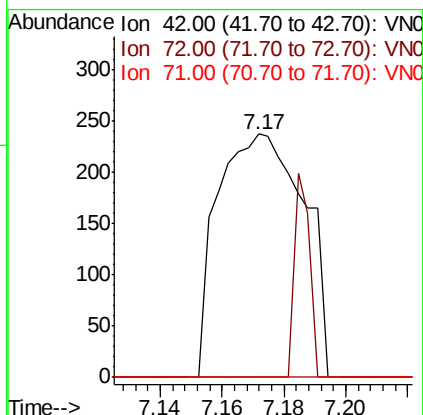
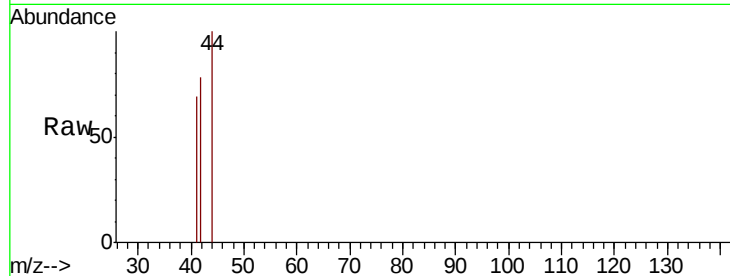




#29
Tetrahydrofuran
Concen: 0.953 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.01 min
Lab File: VN061983.D
Acq: 20 Jun 2020 7:40

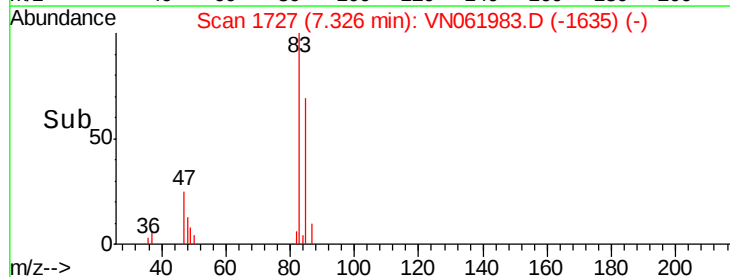
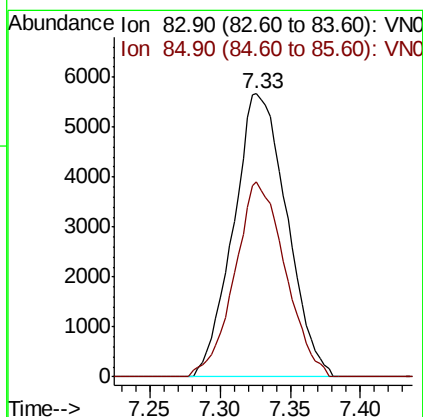
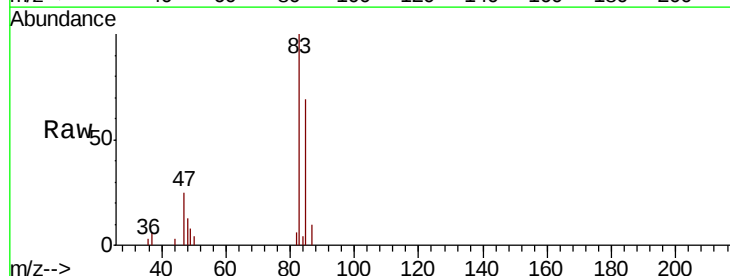
Instrument :
MSVOA_N
ClientSampleId :
MW201D-20200613

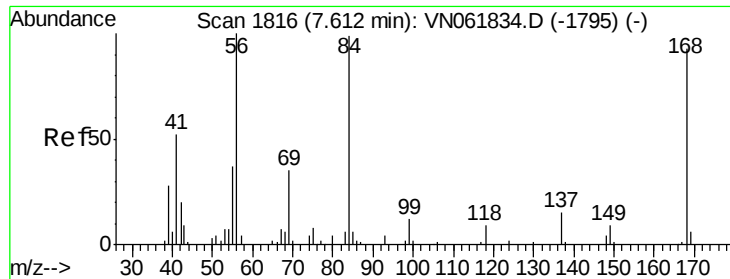
Tot Ion: 42 Resp: 461
Ion Ratio Lower Upper
42 100
72 15.0 44.0 66.0#
71 0.0 40.0 60.0#



#30
Chloroform
Concen: 5.469 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061983.D
Acq: 20 Jun 2020 7:40

Tgt Ion: 83 Resp: 15005
Ion Ratio Lower Upper
83 100
85 68.7 52.0 78.0

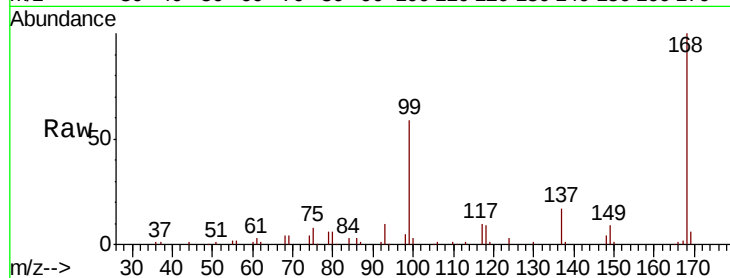




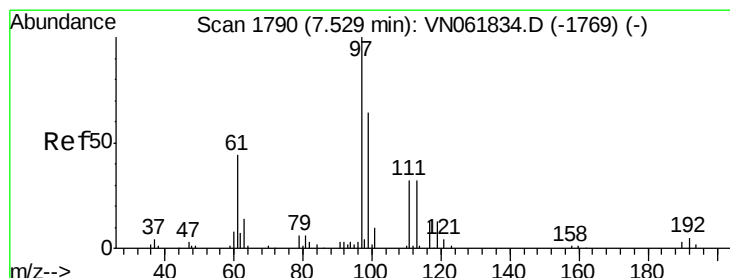
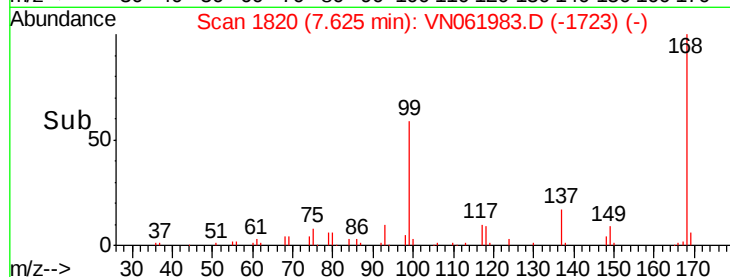
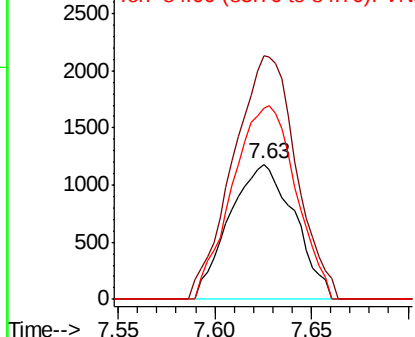
#31
Cyclohexane
Concen: 1.232 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VN061834.D
Acq: 20 Jun 2020 7:40

Instrument :
MSVOA_N
ClientSampleId :
MW201D-20200613

Tot Ion: 56 Resp: 2769
Ion Ratio Lower Upper
56 100
69 180.0 27.7 41.5#
84 141.1 79.1 118.7#

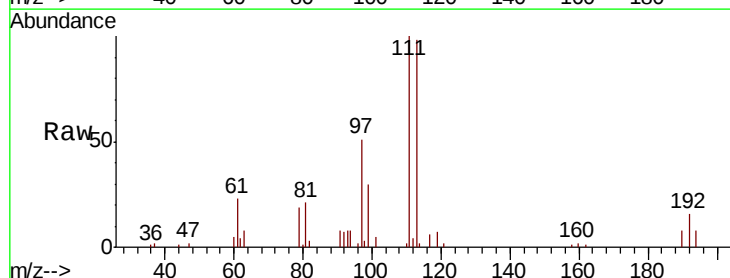


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

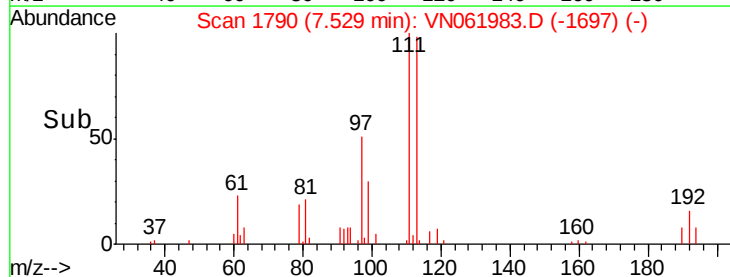
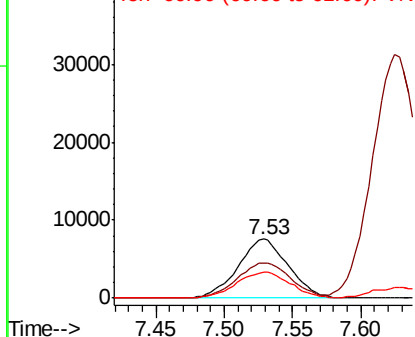


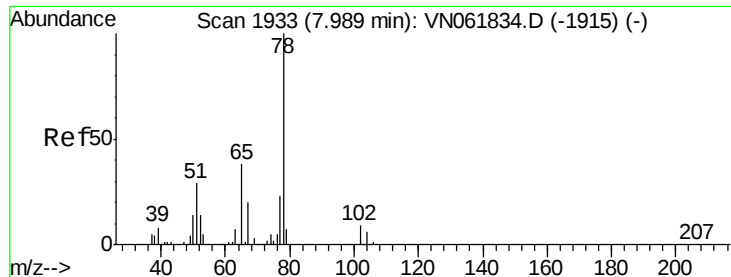
#32
1,1,1-Trichloroethane
Concen: 8.257 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN061834.D
Acq: 20 Jun 2020 7:40

Tgt Ion: 97 Resp: 19294
Ion Ratio Lower Upper
97 100
99 64.1 51.5 77.3
61 47.2 35.1 52.7



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

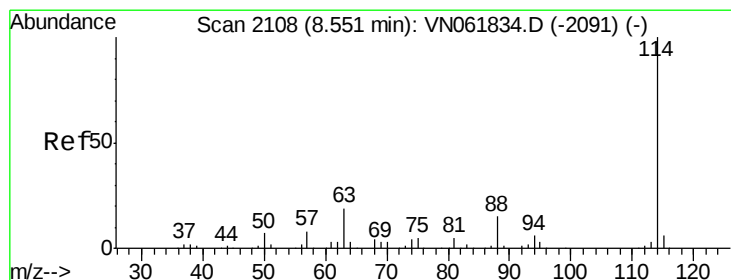
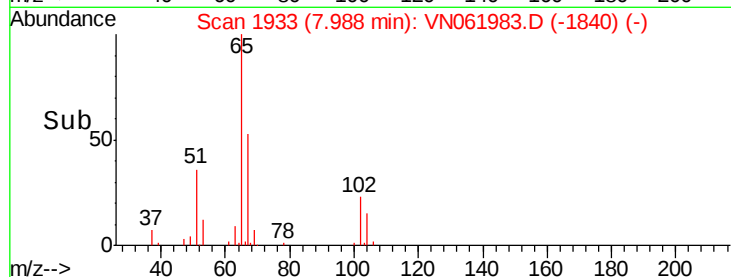
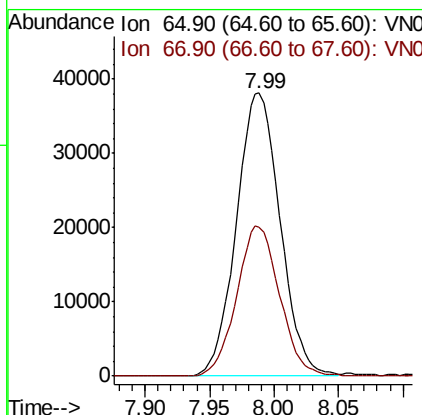
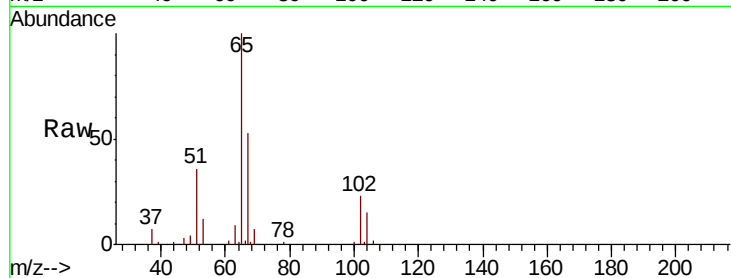




#33
 1,2-Dichloroethane-d4
 Concen: 52.805 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN061983.D
 Acq: 20 Jun 2020 7:40

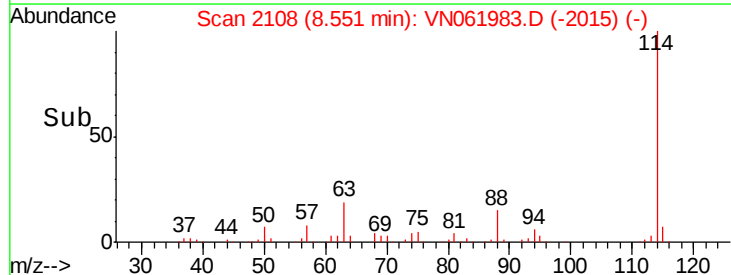
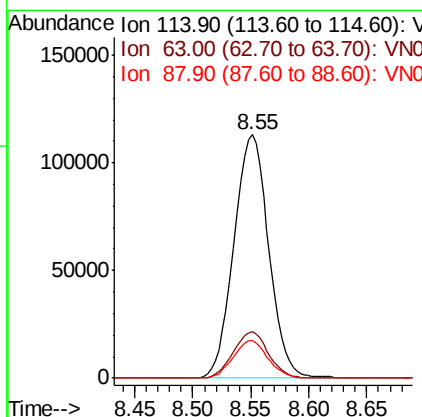
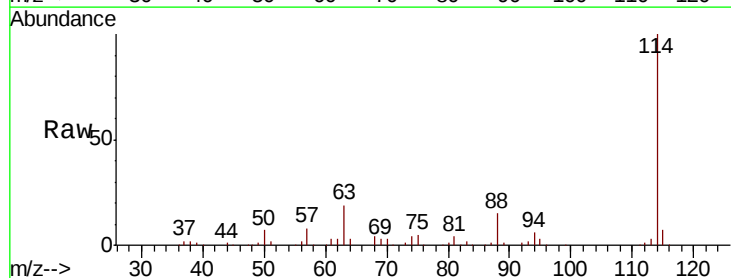
Instrument :
 MSVOA_N
 ClientSampleId :
 MW201D-20200613

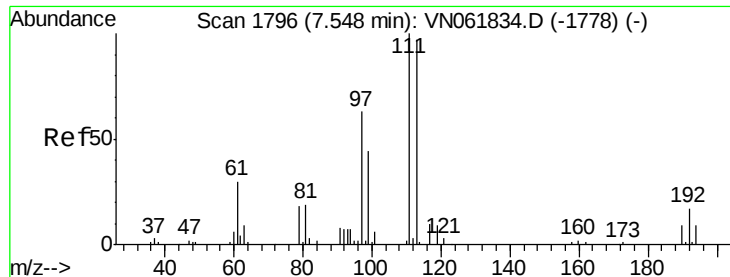
Tot Ion: 65 Resp: 90053
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061983.D
 Acq: 20 Jun 2020 7:40

Tgt Ion: 114 Resp: 235344
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.6
 88 15.4 0.0 31.0





#35

Dibromofluoromethane

Concen: 51.060 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN061834.D

Acq: 20 Jun 2020 7:40

Instrument :
MSVOA_N
ClientSampleId :
MW201D-20200613

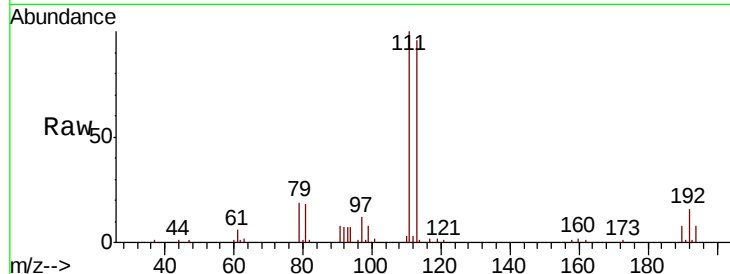
Tot Ion:113 Resp: 76876

Ion Ratio Lower Upper

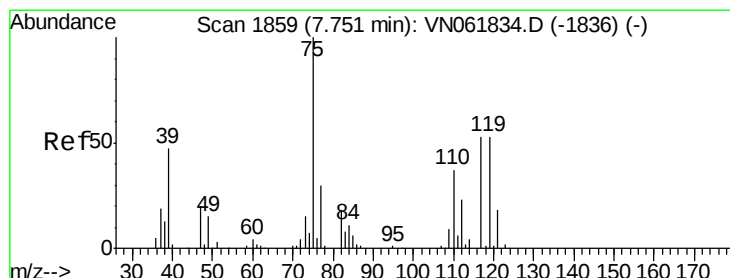
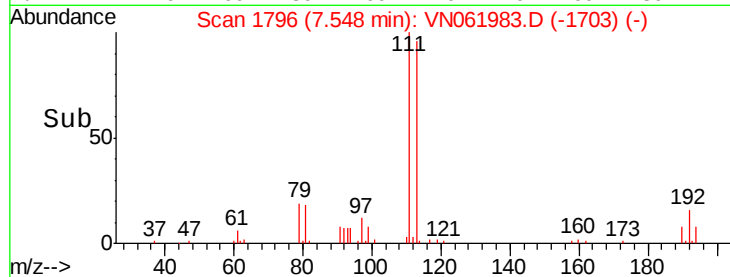
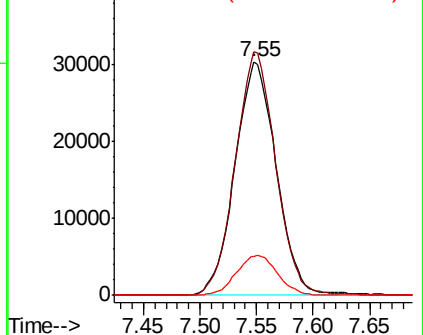
113 100

111 102.2 83.7 125.5

192 17.0 13.9 20.9



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.797 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.13 min

Lab File: VN061834.D

Acq: 20 Jun 2020 7:40

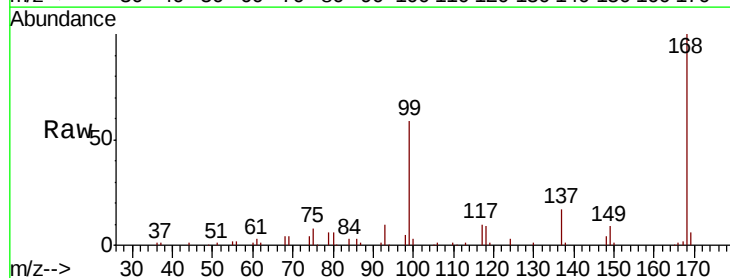
Tgt Ion: 75 Resp: 10298

Ion Ratio Lower Upper

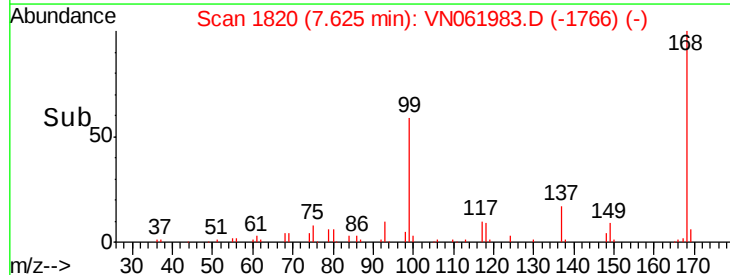
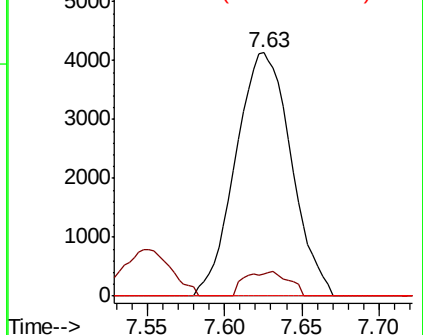
75 100

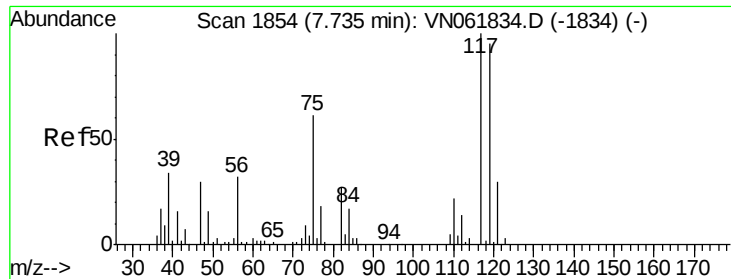
110 7.9 18.2 54.6#

77 0.0 24.2 36.4#



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 5.842 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.11 min

Lab File: VN061983.D

Acq: 20 Jun 2020 7:40

Instrument :

MSVOA_N

ClientSampleId :

MW201D-20200613

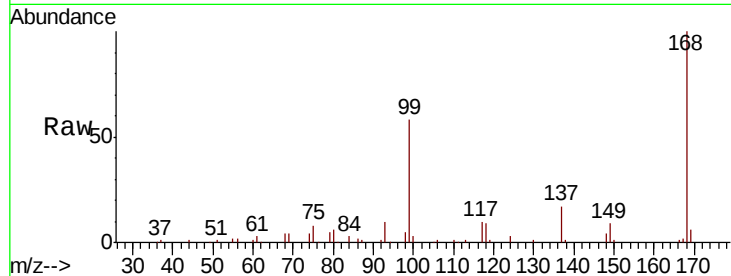
Tot Ion:117 Resp: 12419

Ion Ratio Lower Upper

117 100

119 5.0 75.8 113.6#

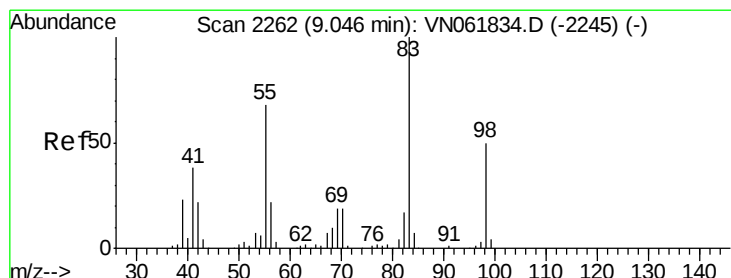
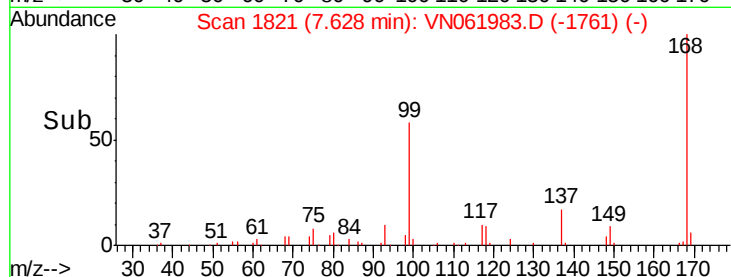
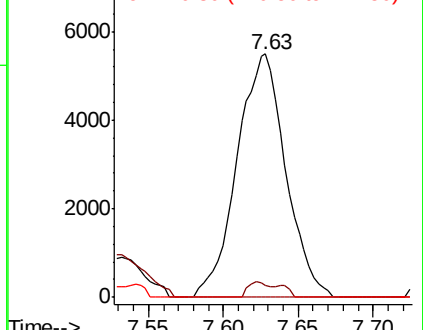
121 0.0 23.8 35.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.970 ug/l

RT: 8.81 min Scan# 2187

Delta R.T. -0.24 min

Lab File: VN061983.D

Acq: 20 Jun 2020 7:40

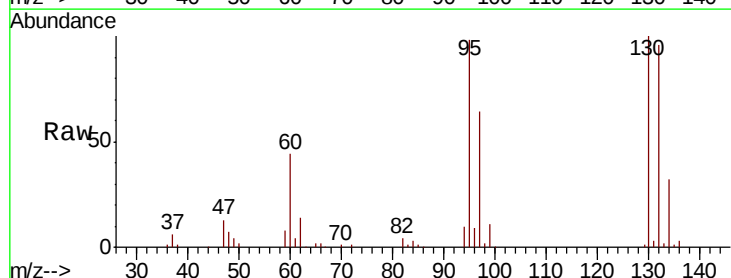
Tgt Ion: 83 Resp: 2243

Ion Ratio Lower Upper

83 100

55 0.0 54.2 81.4#

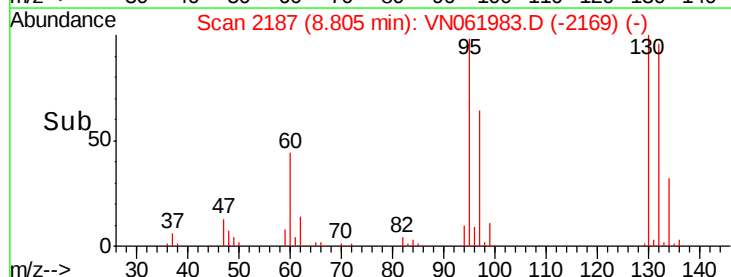
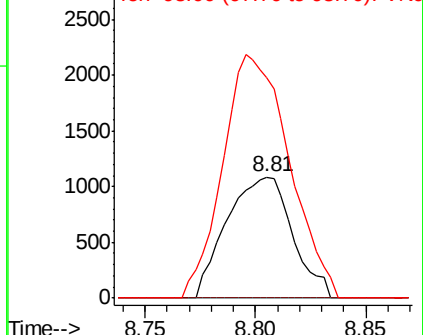
98 182.4 39.8 59.6#

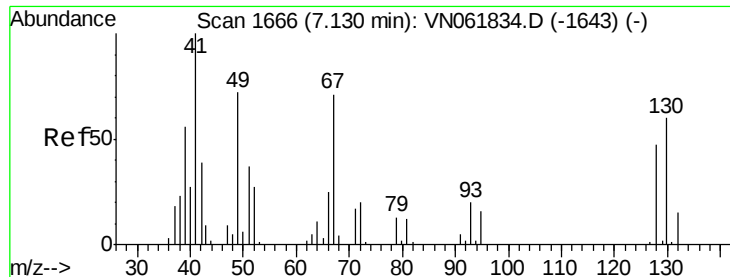


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V

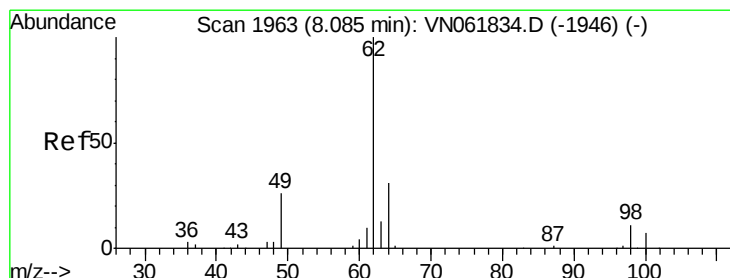
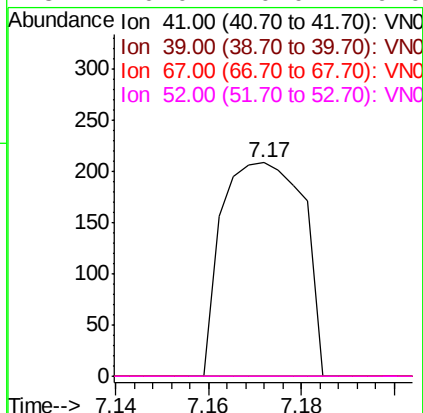
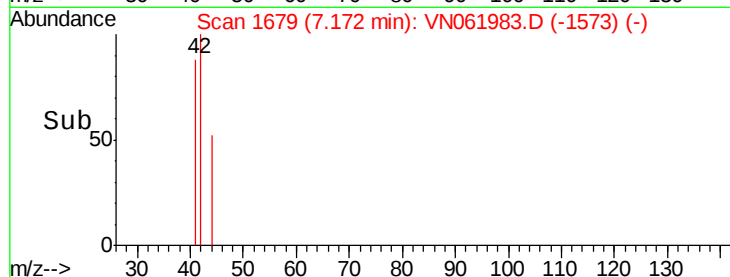
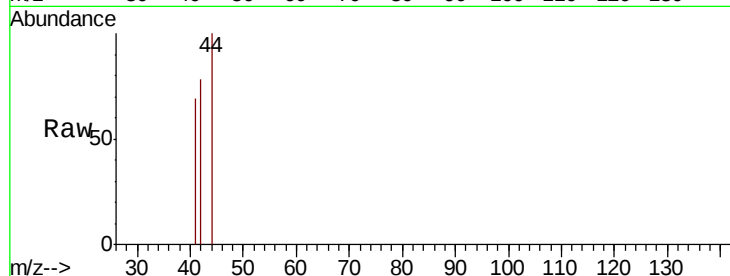




#41
Methacrylonitrile
Concen: 0.357 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.04 min
Lab File: VN061834.D
Acq: 20 Jun 2020 7:40

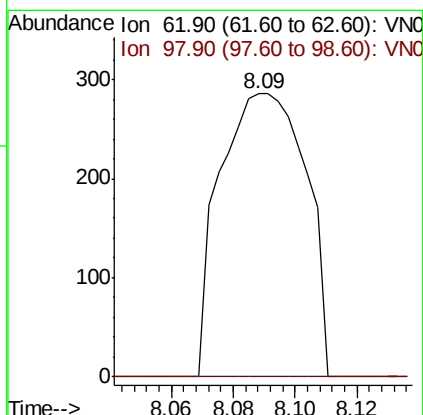
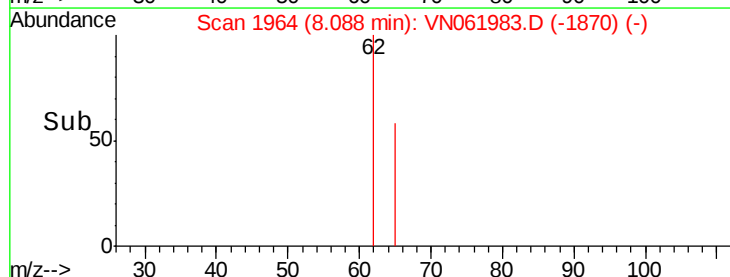
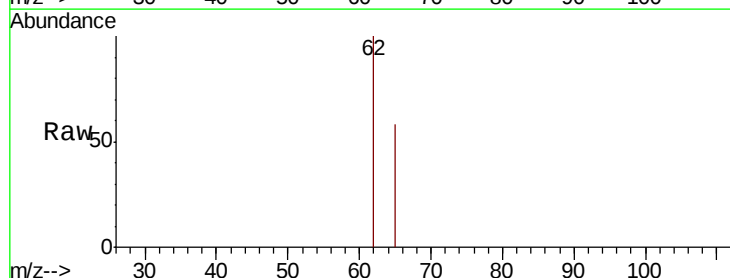
Instrument :
MSVOA_N
ClientSampleId :
MW201D-20200613

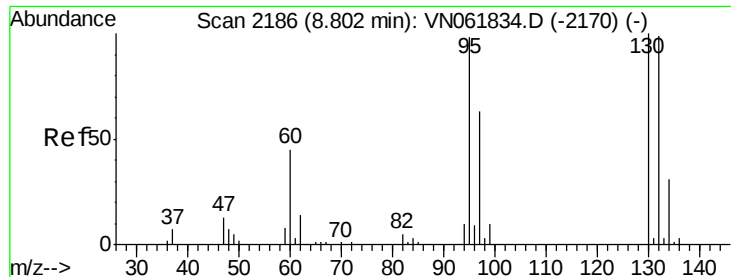
Tot Ion:	41	Resp:	256
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 0.249 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN061834.D
Acq: 20 Jun 2020 7:40

Tgt Ion:	62	Resp:	552
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	20.4





#44

Trichloroethene

Concen: 112.998 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN061983.D

Acq: 20 Jun 2020 7:40

Instrument :

MSVOA_N

ClientSampleId :

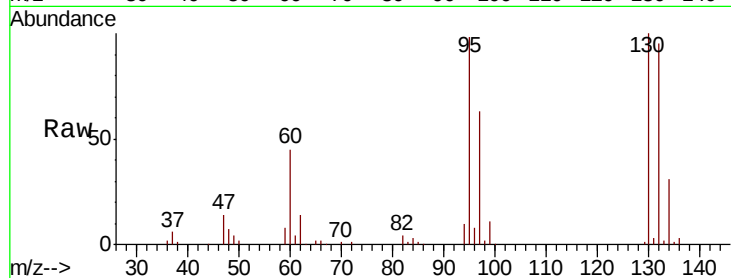
MW201D-20200613

Tot Ion:130 Resp: 193374

Ion Ratio Lower Upper

130 100

95 98.4 0.0 195.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.80

100000

80000

60000

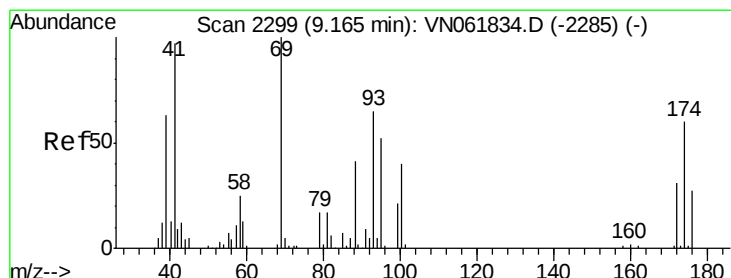
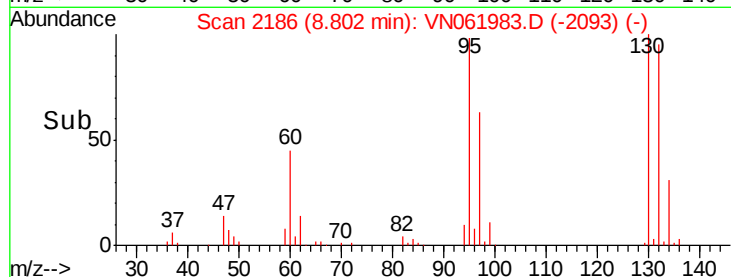
40000

20000

0

Time-->

8.70 8.80 8.90



#49

1,4-Dioxane

Concen: 18.207 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN061983.D

Acq: 20 Jun 2020 7:40

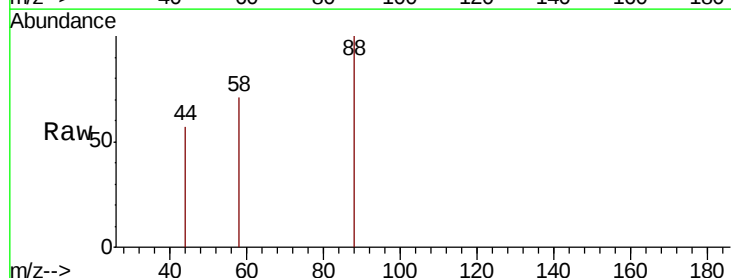
Tgt Ion: 88 Resp: 537

Ion Ratio Lower Upper

88 100

43 0.0 23.4 35.2#

58 47.5 49.8 74.6#



Abundance Ion 88.00 (87.70 to 88.70): VN

Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

9.17

500

400

300

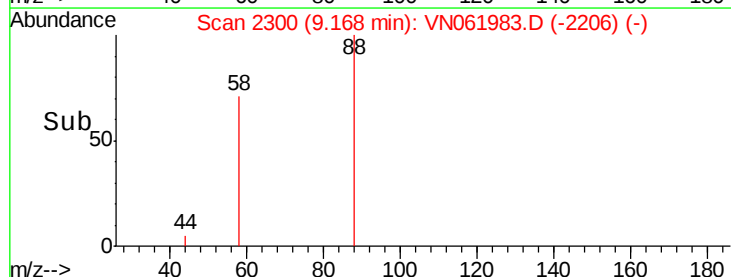
200

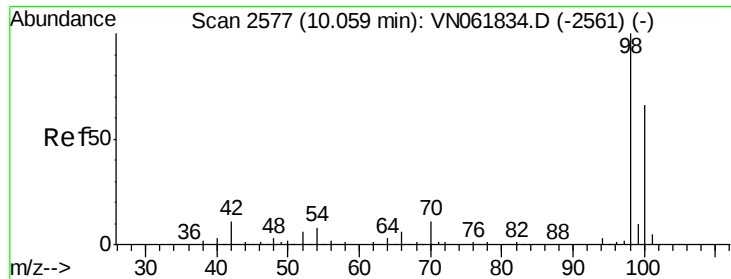
100

0

Time-->

9.14 9.16 9.18 9.20





#50

Toluene-d8

Concen: 50.338 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061983.D

Acq: 20 Jun 2020 7:40

Instrument :

MSVOA_N

ClientSampleId :

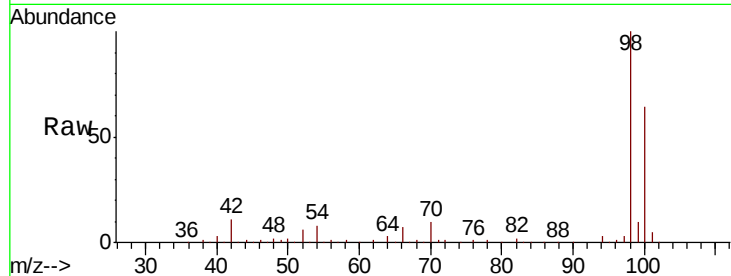
MW201D-20200613

Tot Ion: 98 Resp: 297956

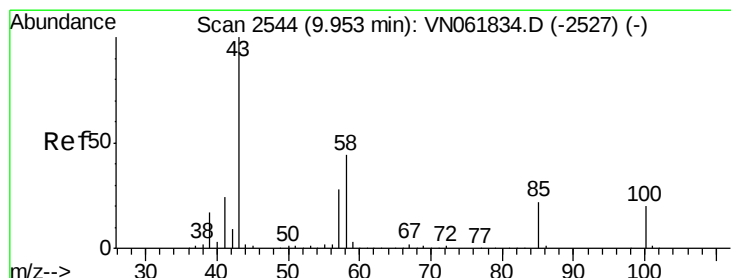
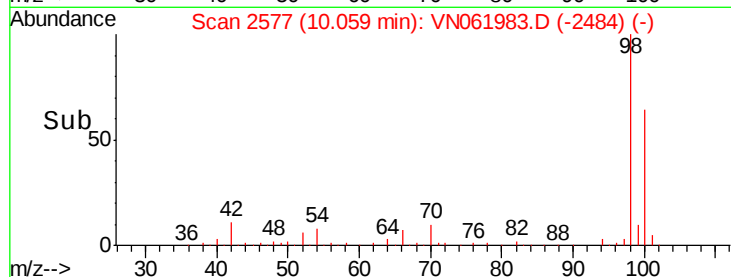
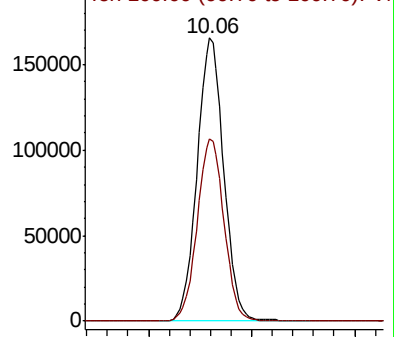
Ion Ratio Lower Upper

98 100

100 64.8 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061983.D (-2561) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.691 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.11 min

Lab File: VN061983.D

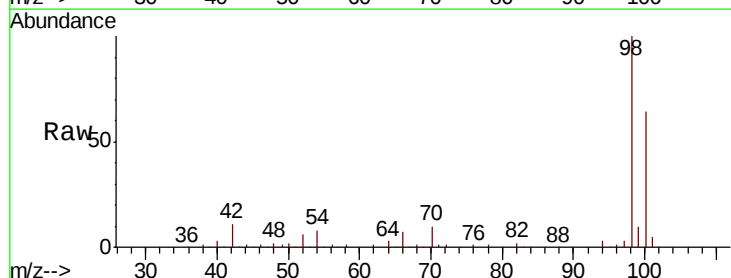
Acq: 20 Jun 2020 7:40

Tgt Ion: 43 Resp: 1153

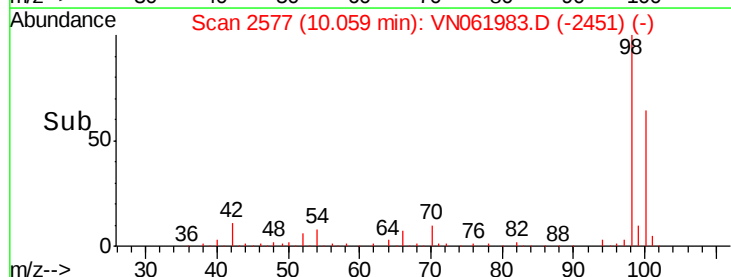
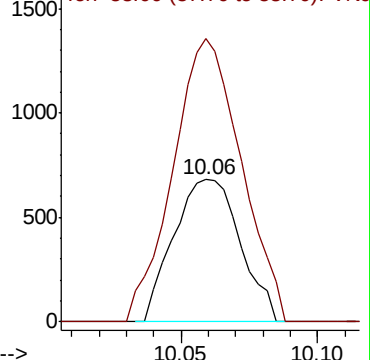
Ion Ratio Lower Upper

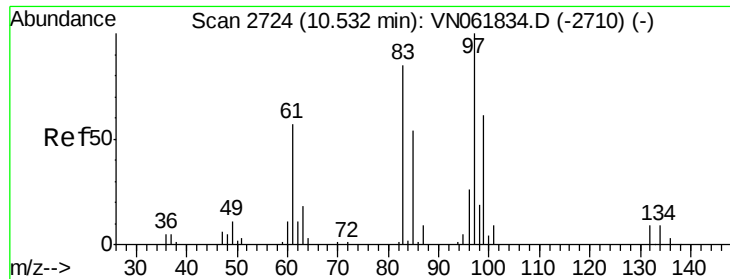
43 100

58 203.9 34.6 52.0#



Abundance Ion 43.00 (42.70 to 43.70): VN061983.D (-2527) (-)

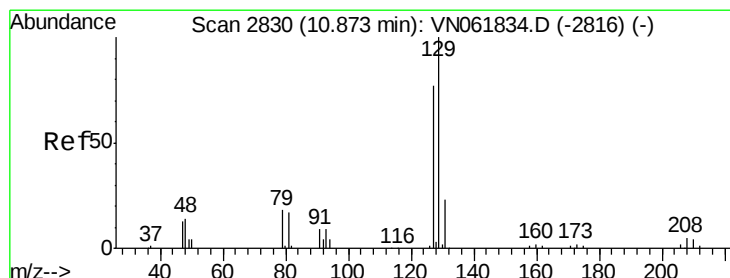
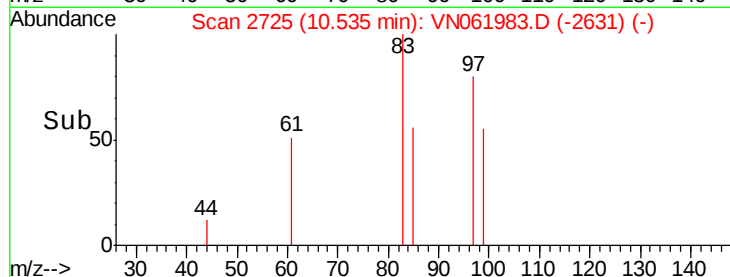
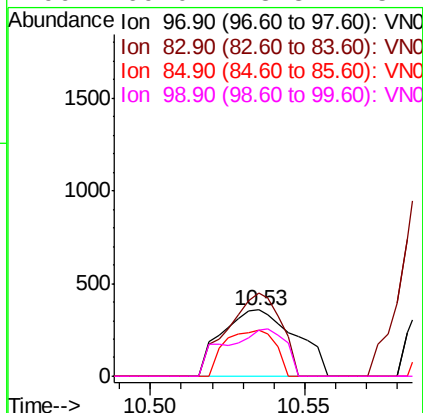
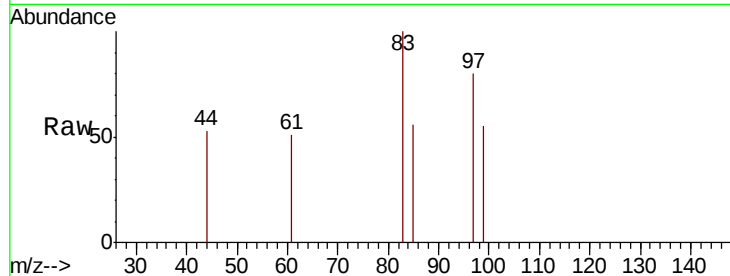




#55
 1,1,2-Trichloroethane
 Concen: 0.373 ug/l
 RT: 10.53 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN061983.D
 Acq: 20 Jun 2020 7:40

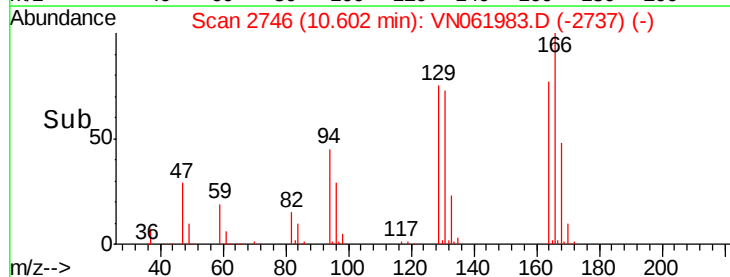
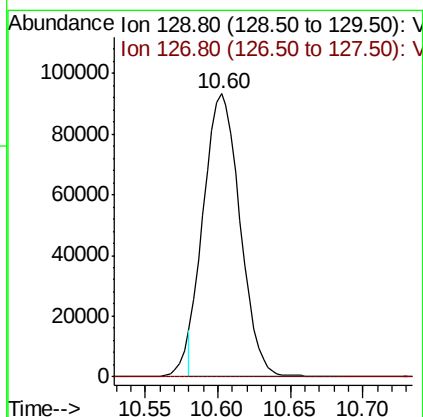
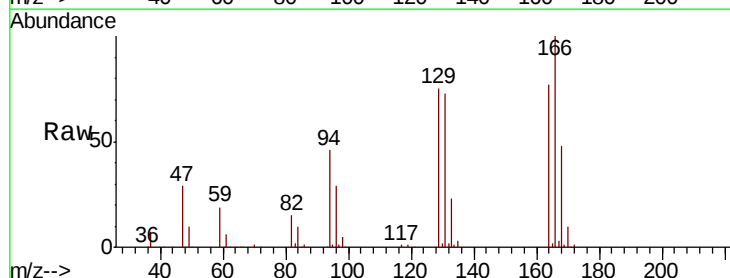
Instrument :
 MSVOA_N
 ClientSampleId :
 MW201D-20200613

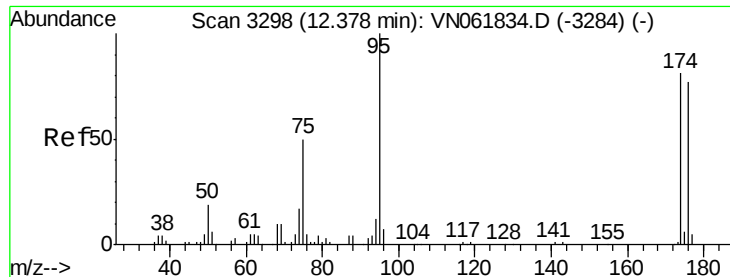
Tot Ion: 97 Resp: 599
 Ion Ratio Lower Upper
 97 100
 83 125.1 67.7 101.5#
 85 69.6 43.4 65.0#
 99 69.0 48.8 73.2



#60
 Dibromochloromethane
 Concen: 90.480 ug/l
 RT: 10.60 min Scan# 2746
 Delta R.T. -0.27 min
 Lab File: VN061983.D
 Acq: 20 Jun 2020 7:40

Tgt Ion: 129 Resp: 162222
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.5 115.5#

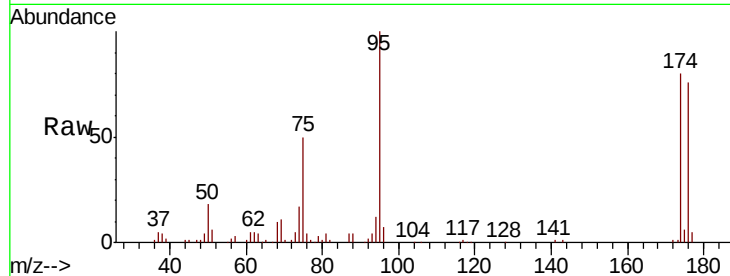




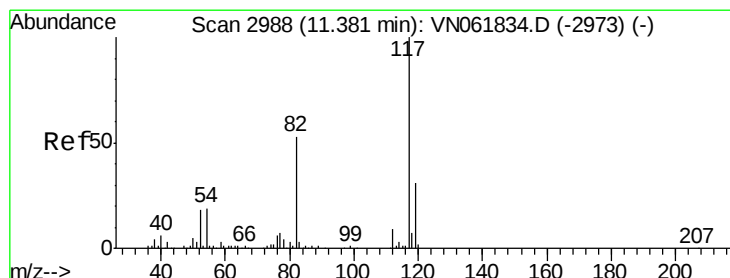
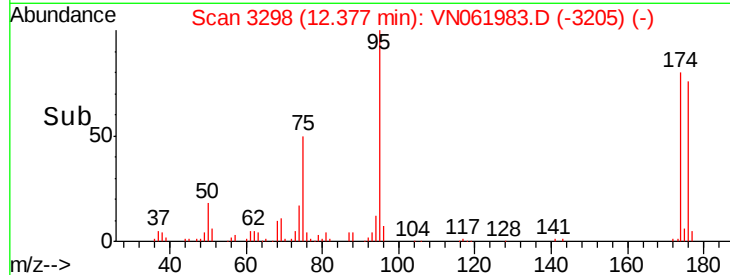
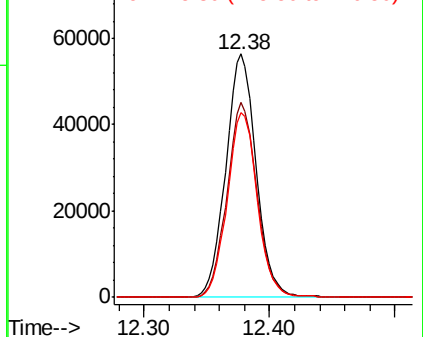
#62
 4-Bromofluorobenzene
 Concen: 46.495 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN061983.D
 Acq: 20 Jun 2020 7:40

Instrument :
 MSVOA_N
 ClientSampleId :
 MW201D-20200613

Tot Ion: 95 Resp: 94401
 Ion Ratio Lower Upper
 95 100
 174 79.1 0.0 158.6
 176 75.3 0.0 152.0

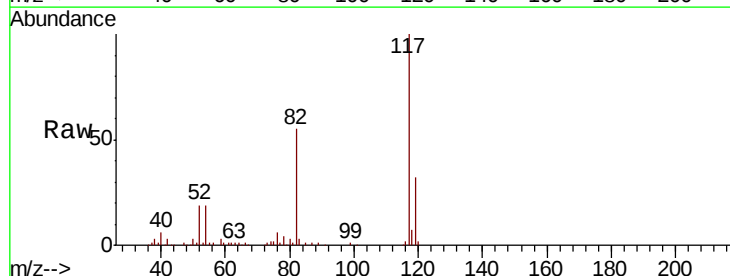


Abundance Ion 94.90 (94.60 to 95.60): VN061834.D (-3284) (-)
 Ion 173.80 (173.50 to 174.50): VN061834.D (-3284) (-)
 Ion 175.80 (175.50 to 176.50): VN061834.D (-3284) (-)

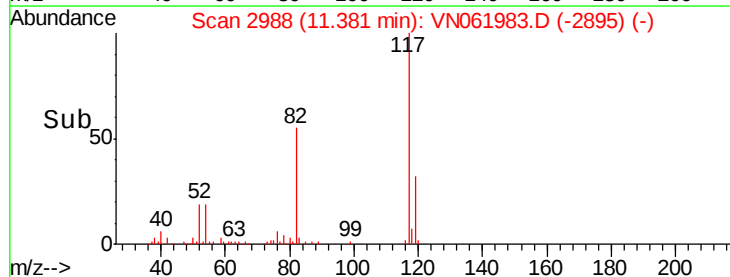
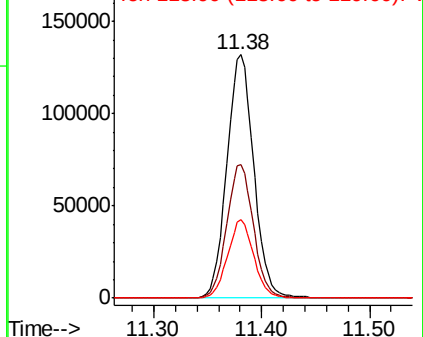


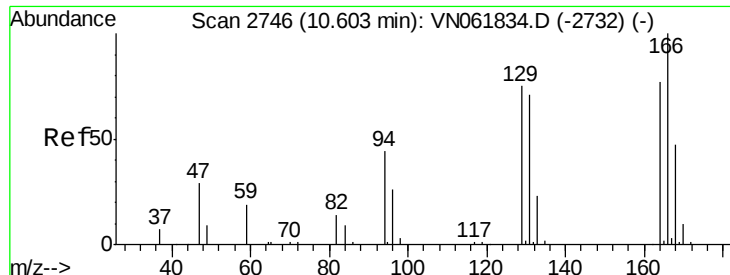
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 2988
 Delta R.T. -0.00 min
 Lab File: VN061983.D
 Acq: 20 Jun 2020 7:40

Tgt Ion: 117 Resp: 229467
 Ion Ratio Lower Upper
 117 100
 82 54.8 42.6 64.0
 119 32.1 24.7 37.1



Abundance Ion 116.90 (116.60 to 117.60): VN061834.D (-2973) (-)
 Ion 82.00 (81.70 to 82.70): VN061834.D (-2973) (-)
 Ion 118.90 (118.60 to 119.60): VN061834.D (-2973) (-)





#64

Tetrachloroethene

Concen: 117.945 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. -0.00 min

Lab File: VN061834.D

Acq: 20 Jun 2020 7:40

Instrument :

MSVOA_N

ClientSampleId :

MW201D-20200613

Tot Ion:164 Resp: 172500

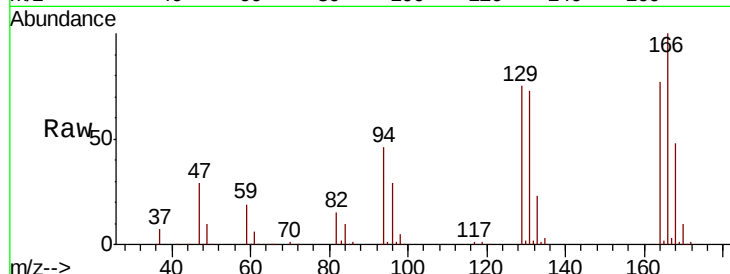
Ion Ratio Lower Upper

164 100

166 129.6 103.5 155.3

129 97.6 77.5 116.3

131 95.0 73.8 110.8

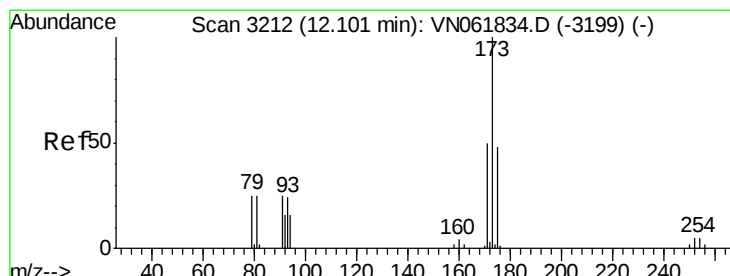
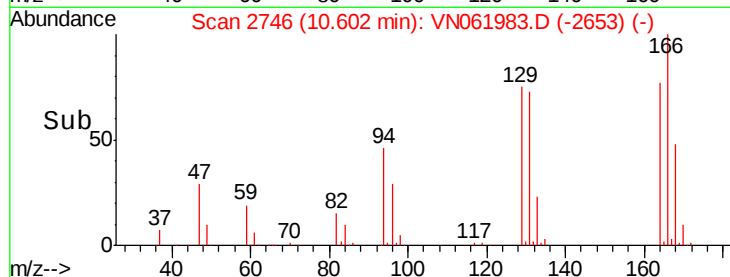
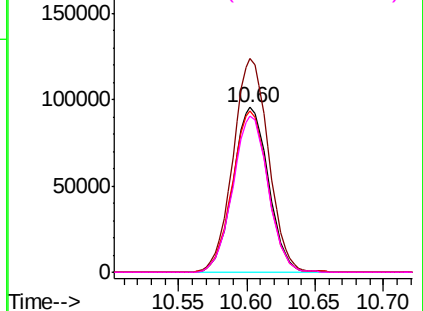


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#71

Bromoform

Concen: 0.761 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.28 min

Lab File: VN061834.D

Acq: 20 Jun 2020 7:40

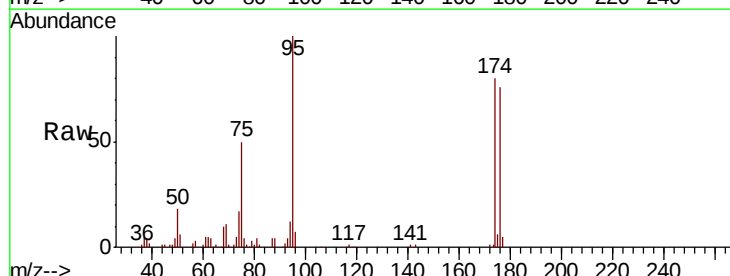
Tgt Ion:173 Resp: 937

Ion Ratio Lower Upper

173 100

175 504.1 23.9 71.7#

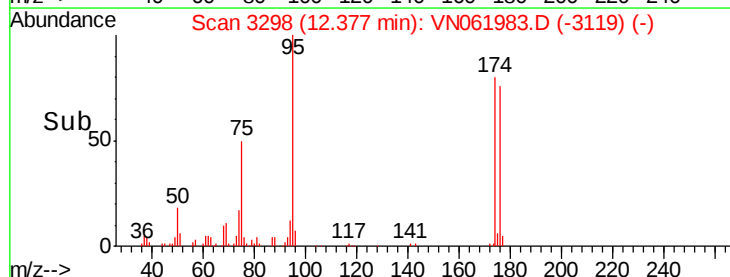
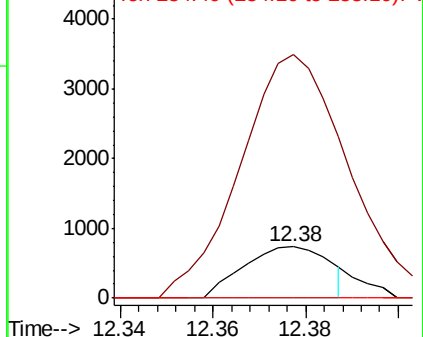
254 0.0 0.0 0.0

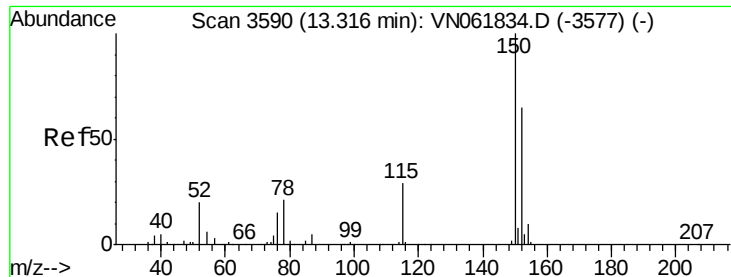


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061983.D

Acq: 20 Jun 2020 7:40

Instrument :

MSVOA_N

ClientSampleId :

MW201D-20200613

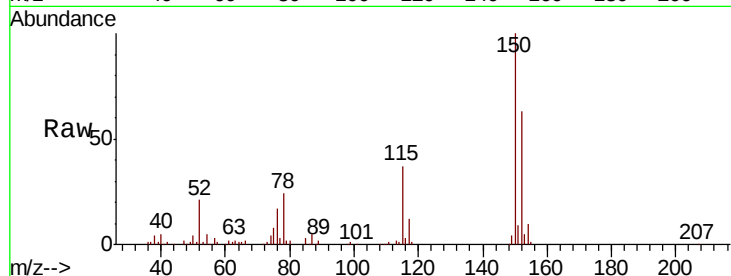
Tot Ion:152 Resp: 80568

Ion Ratio Lower Upper

152 100

115 59.0 29.1 87.3

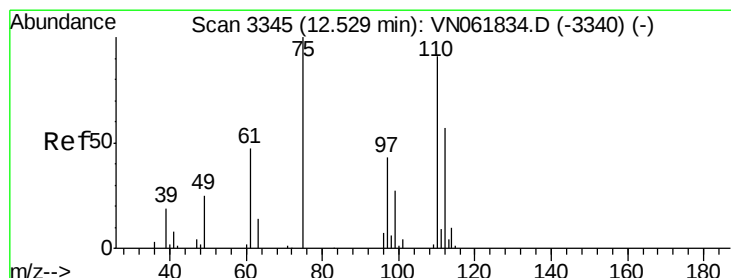
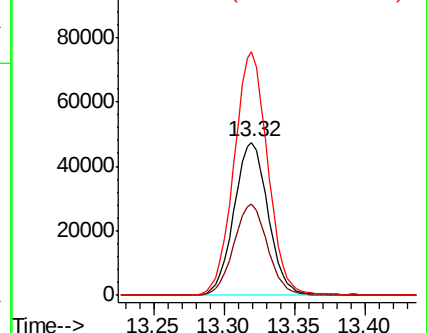
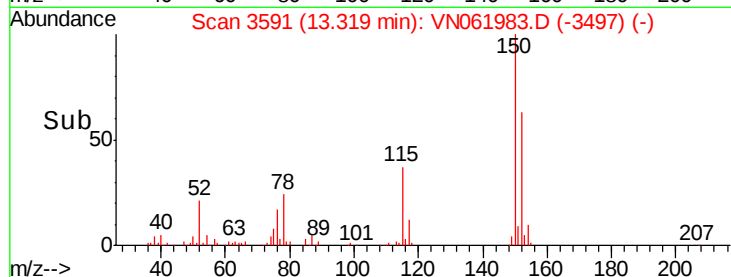
150 157.4 0.0 347.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 29.808 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN061983.D

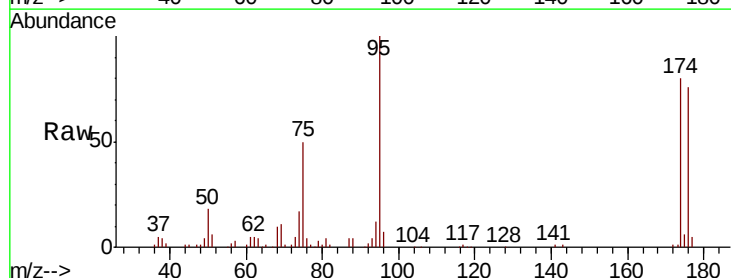
Acq: 20 Jun 2020 7:40

Tgt Ion: 75 Resp: 47149

Ion Ratio Lower Upper

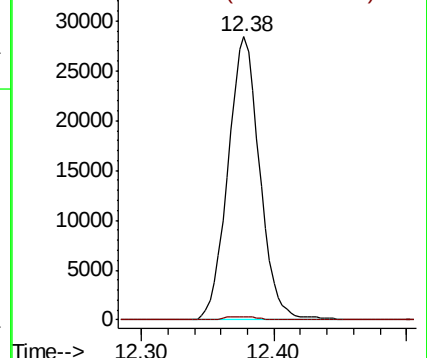
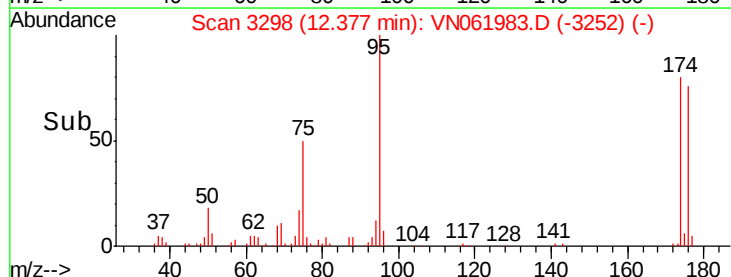
75 100

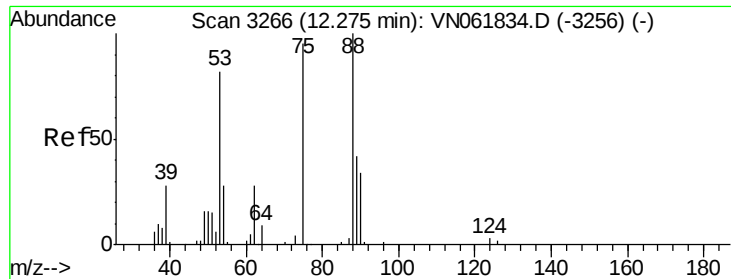
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 81.299 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN061983.D

Acq: 20 Jun 2020 7:40

Instrument :

MSVOA_N

ClientSampleId :

MW201D-20200613

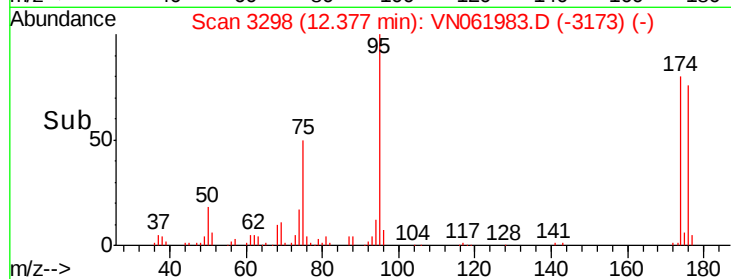
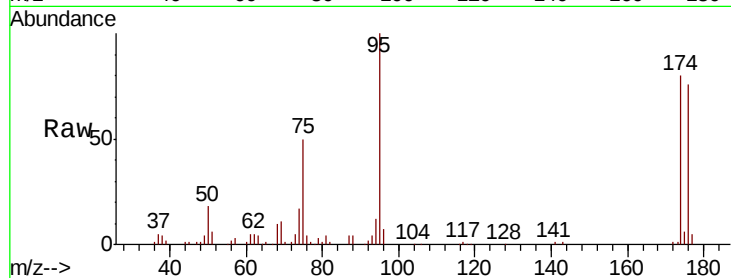
Tot Ion: 75 Resp: 47149

Ion Ratio Lower Upper

75 100

53 0.0 70.4 105.6#

89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

