

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\
 Data File : VN061997.D
 Acq On : 22 Jun 2020 14:17
 Operator : JC/MD
 Sample : L3043-16DL 4X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW201D-20200613DL

Quant Time: Jun 23 05:16:26 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	141023	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	257386	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	249315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	106547	50.00	ug/l	0.00

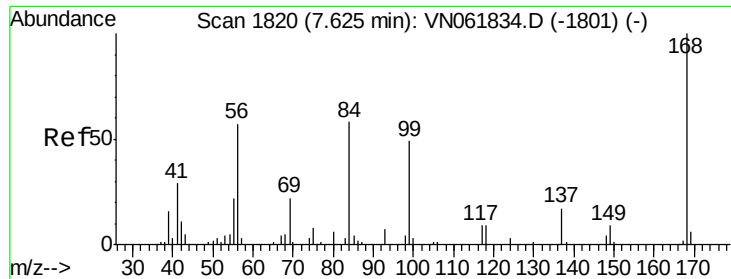
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	95646	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
35) Dibromofluoromethane	7.54	113	81406	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
50) Toluene-d8	10.06	98	320319	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
62) 4-Bromofluorobenzene	12.38	95	111680	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	4212	2.574	ug/l	99
7) Trichlorofluoromethane	2.96	101	132622	47.579	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.70	101	559	0.391	ug/l #	59
10) Methyl Iodide	3.90	142	63	5.351	ug/l #	42
11) Tert butyl alcohol	4.68	59	882	3.370	ug/l #	74
12) 1,1-Dichloroethene	3.69	96	18550	12.946	ug/l	97
16) Acetone	3.78	43	1450	2.595	ug/l #	40
18) Methyl Acetate	4.28	43	436	0.271	ug/l #	46
20) Methylene Chloride	4.51	84	548	0.301	ug/l #	43
24) 1,1-Dichloroethane	5.80	63	3181	1.117	ug/l #	82
27) cis-1,2-Dichloroethene	6.76	96	504	0.265	ug/l #	1
30) Chloroform	7.33	83	3719	1.222	ug/l	97
31) Cyclohexane	7.62	56	3034	1.217	ug/l #	31
32) 1,1,1-Trichloroethane	7.53	97	4536	1.750	ug/l	94
36) 1,1-Dichloropropene	7.62	75	11495	4.896	ug/l #	49
38) Carbon Tetrachloride	7.62	117	13761	5.919	ug/l #	17
44) Trichloroethene	8.80	130	48370	25.844	ug/l	98
49) 1,4-Dioxane	9.17	88	178	5.518	ug/l #	28
59) 2-Hexanone	10.73	43	263	13.577	ug/l	94
60) Dibromochloromethane	10.60	129	40049	20.425	ug/l #	11
64) Tetrachloroethene	10.60	164	43157	27.159	ug/l	97
71) Bromoform	12.38	173	1061	0.793	ug/l #	1
74) N-amyl acetate	12.05	43	113	3.103	ug/l #	38
76) 1,2,3-Trichloropropane	12.38	75	55920	26.733	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	55920	72.913	ug/l #	14
93) 1,2,4-Trichlorobenzene	14.89	180	630	0.398	ug/l #	85
94) Hexachlorobutadiene	14.98	225	155	0.249	ug/l #	20
95) Naphthalene	15.11	128	3049	4.018	ug/l #	77
96) 1,2,3-Trichlorobenzene	15.28	180	680	0.434	ug/l #	82

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061997.D

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ClientSampleId :

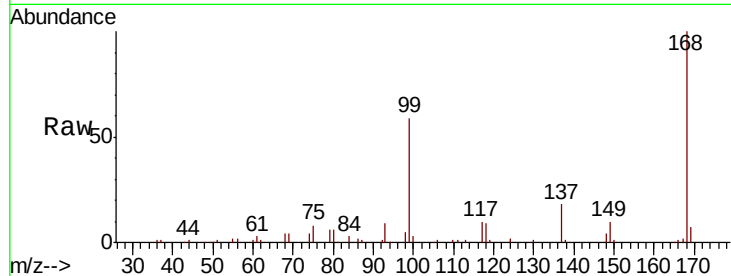
MW201D-20200613DL

Tot Ion:168 Resp: 141023

Ion Ratio Lower Upper

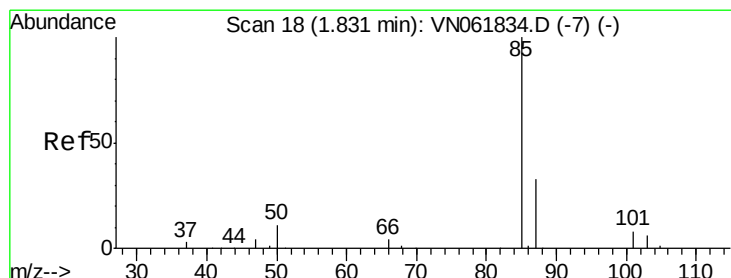
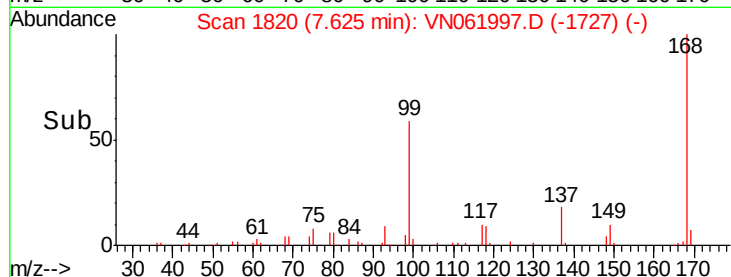
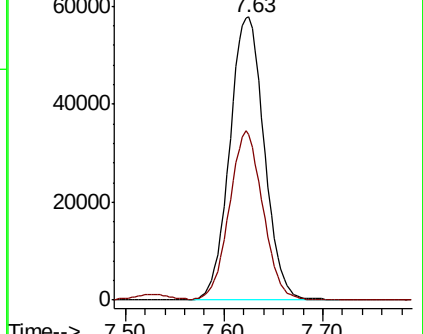
168 100

99 58.7 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 2.574 ug/l

RT: 1.83 min Scan# 17

Delta R.T. -0.00 min

Lab File: VN061997.D

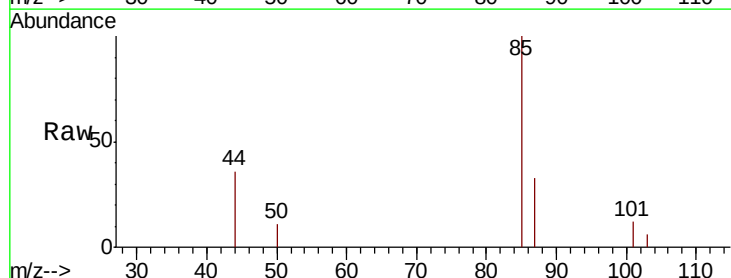
Acq: 22 Jun 2020 14:17

Tgt Ion: 85 Resp: 4212

Ion Ratio Lower Upper

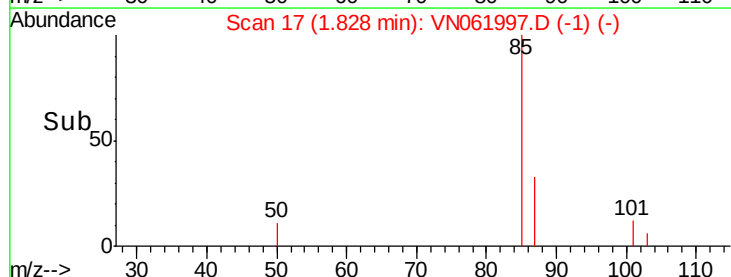
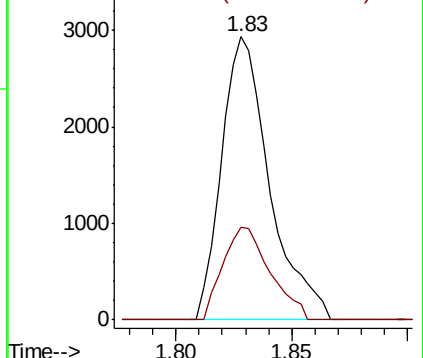
85 100

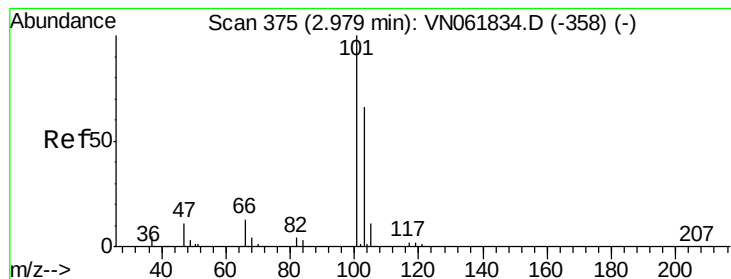
87 32.6 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0



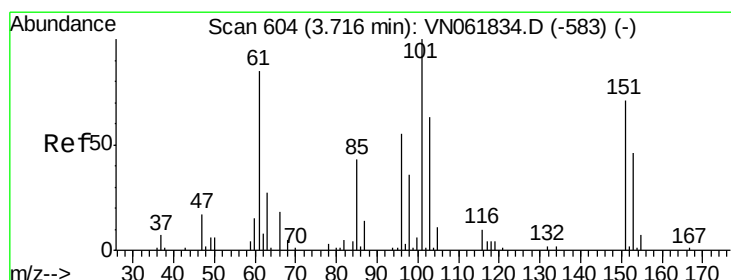
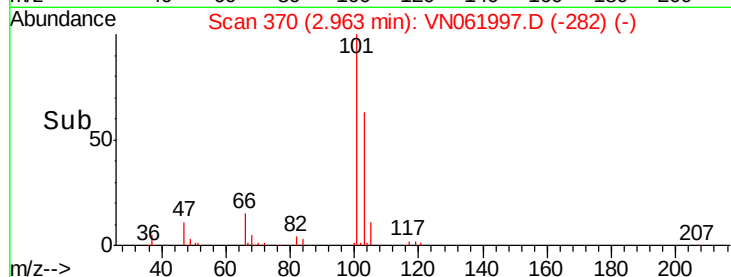
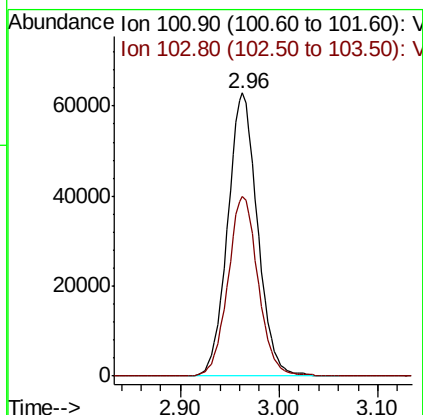
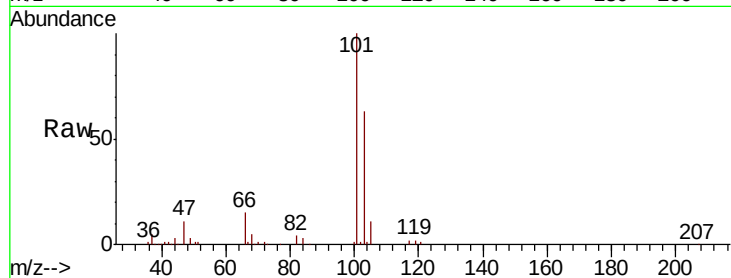


#7

Trichlorofluoromethane
Concen: 47.579 ug/l
RT: 2.96 min Scan# 370
Delta R.T. -0.02 min
Lab File: VN061997.D
Acq: 22 Jun 2020 14:17

Instrument :
MSVOA_N
ClientSampleId :
MW201D-20200613DL

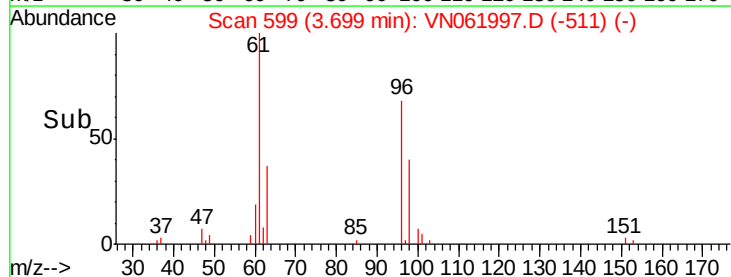
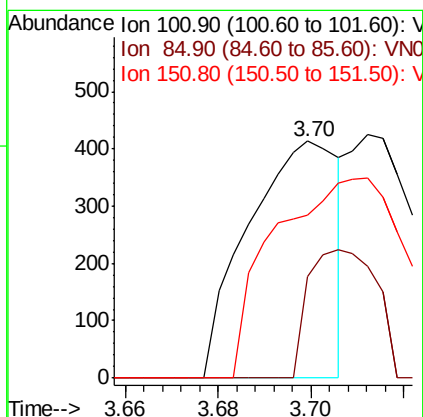
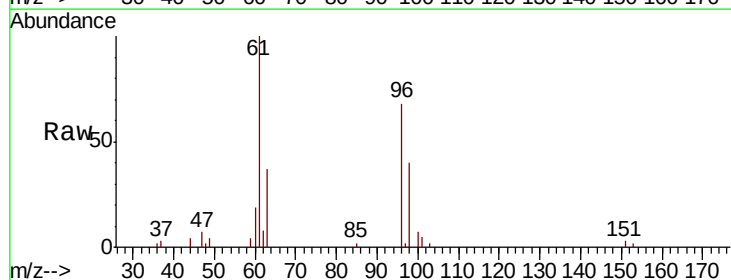
Tot Ion:101 Resp: 132622
Ion Ratio Lower Upper
101 100
103 63.4 52.8 79.2

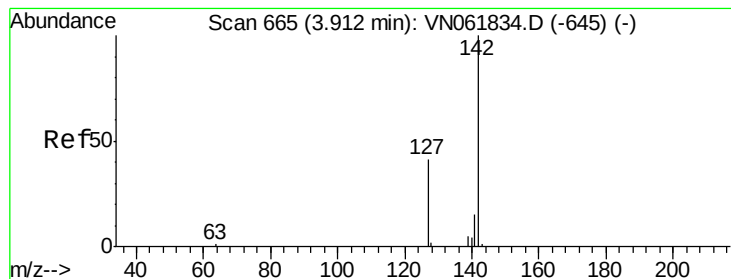


#9

1,1,2-Trichlorotrifluoroethane
Concen: 0.391 ug/l
RT: 3.70 min Scan# 599
Delta R.T. -0.02 min
Lab File: VN061997.D
Acq: 22 Jun 2020 14:17

Tgt Ion:101 Resp: 559
Ion Ratio Lower Upper
101 100
85 40.6 35.0 52.6
151 127.4 59.2 88.8#





#10

Methvl Iodide

Concen: 5.351 ug/l

RT: 3.90 min Scan# 661

Delta R.T. -0.01 min

Lab File: VN061997.D

Acq: 22 Jun 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

MW201D-20200613DL

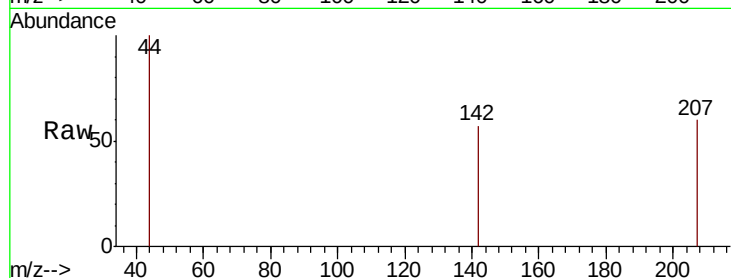
Tot Ion:142 Resp: 63

Ion Ratio Lower Upper

142 100

127 0.0 33.4 50.0#

141 0.0 11.3 16.9#

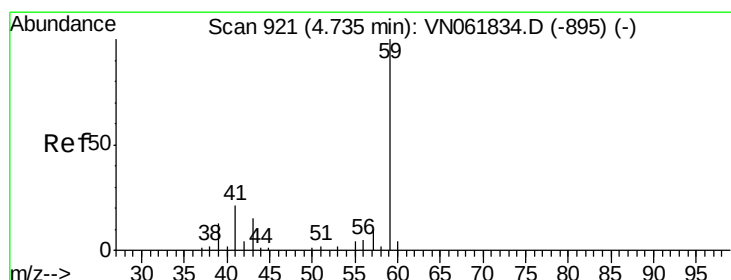
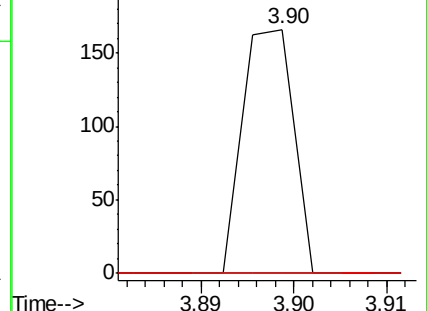
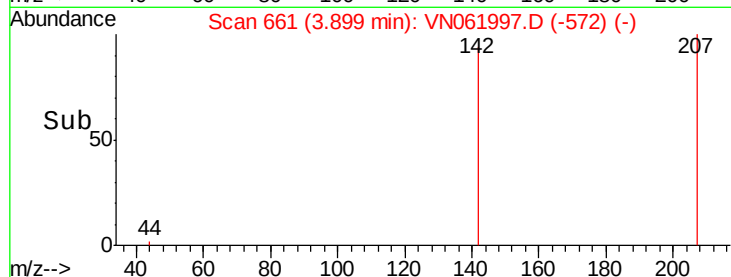


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

3.90



#11

Tert butyl alcohol

Concen: 3.370 ug/l

RT: 4.68 min Scan# 904

Delta R.T. -0.05 min

Lab File: VN061997.D

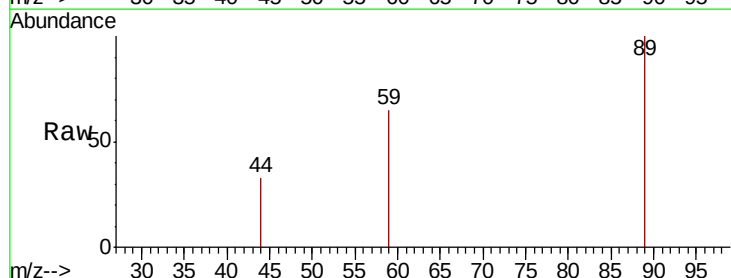
Acq: 22 Jun 2020 14:17

Tgt Ion: 59 Resp: 882

Ion Ratio Lower Upper

59 100

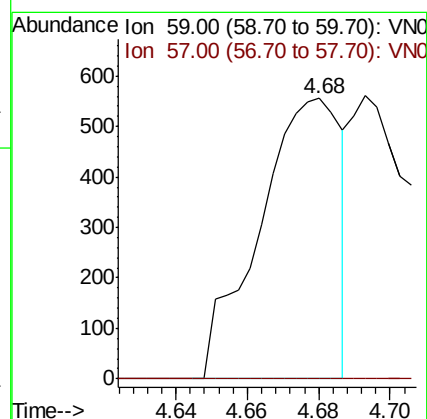
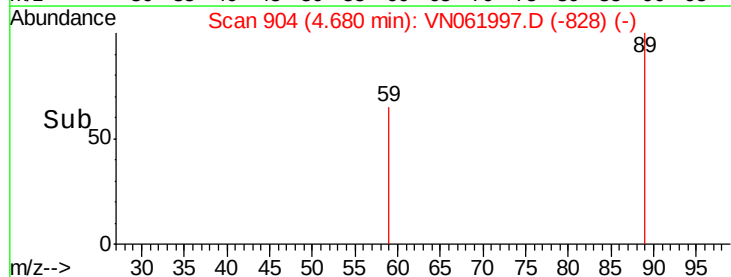
57 0.0 7.7 11.5#

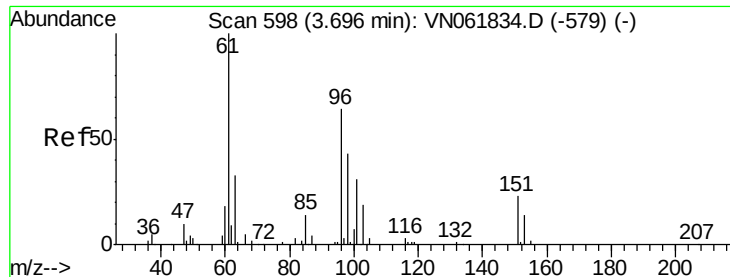


Abundance Ion 59.00 (58.70 to 59.70): V

Ion 57.00 (56.70 to 57.70): V

4.68





#12

1,1-Dichloroethene

Concen: 12.946 ug/l

RT: 3.69 min Scan# 596

Delta R.T. -0.01 min

Lab File: VN061997.D

Acq: 22 Jun 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

MW201D-20200613DL

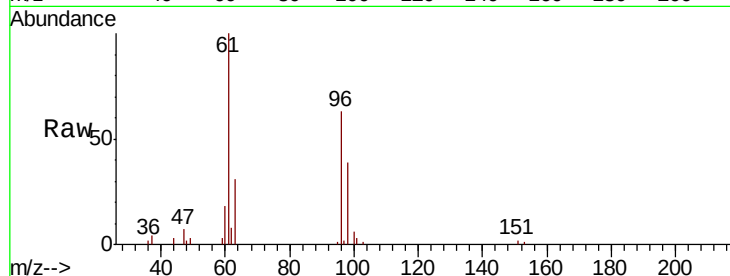
Tot Ion: 96 Resp: 18550

Ion Ratio Lower Upper

96 100

61 158.0 124.3 186.5

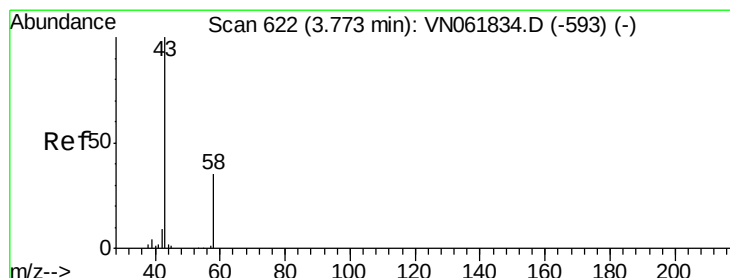
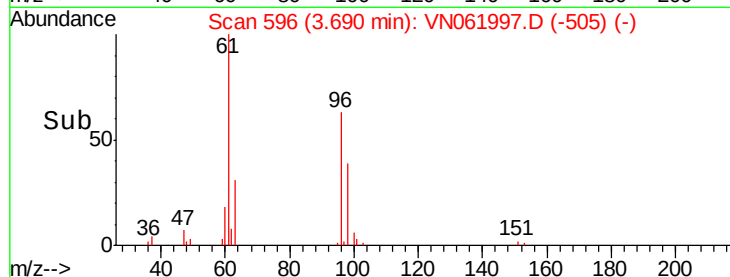
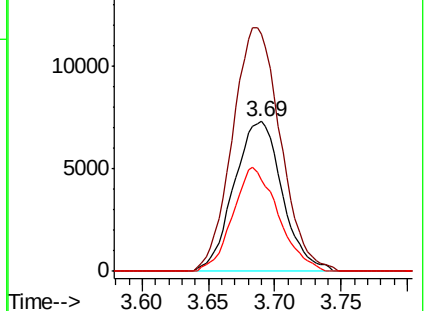
98 61.1 53.1 79.7



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) (-)



#16

Acetone

Concen: 2.595 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN061997.D

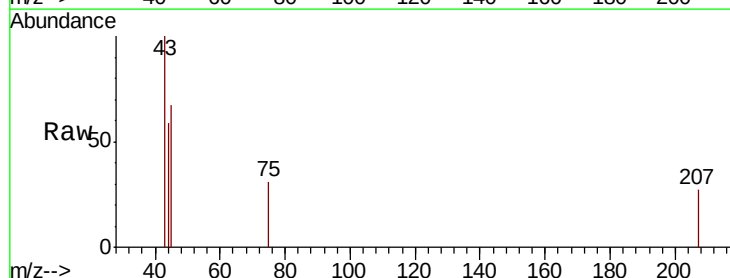
Acq: 22 Jun 2020 14:17

Tgt Ion: 43 Resp: 1450

Ion Ratio Lower Upper

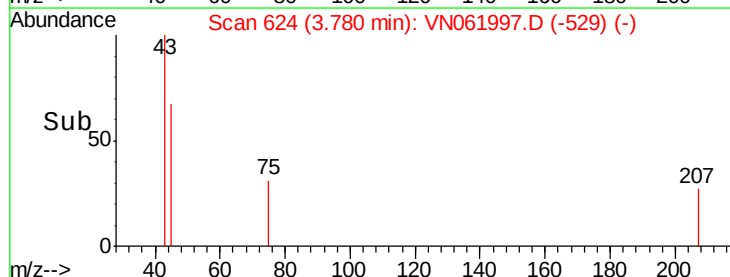
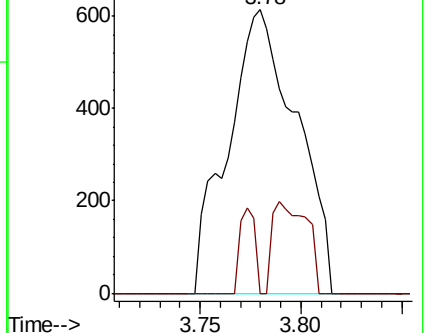
43 100

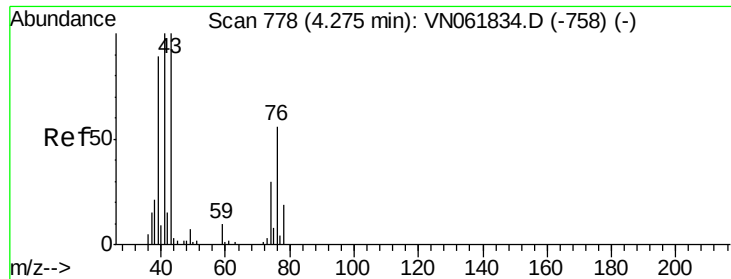
58 0.0 27.8 41.8#



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-593) (-)

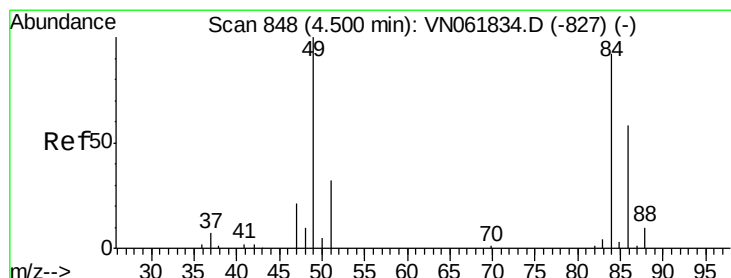
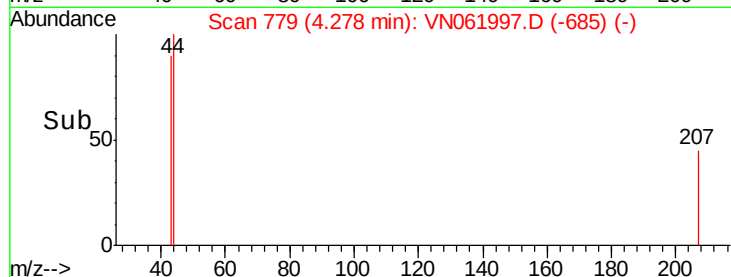
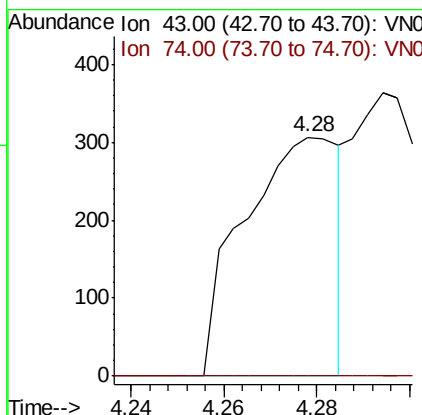
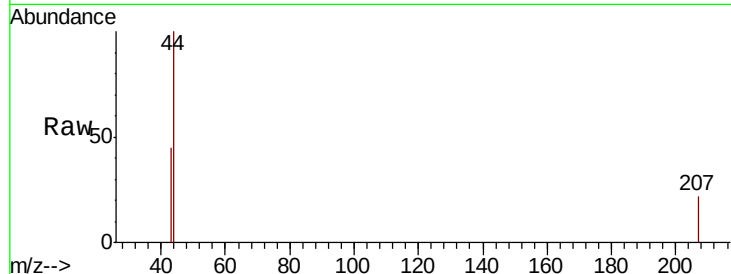




#18
Methyl Acetate
Concen: 0.271 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN061997.D
Acq: 22 Jun 2020 14:17

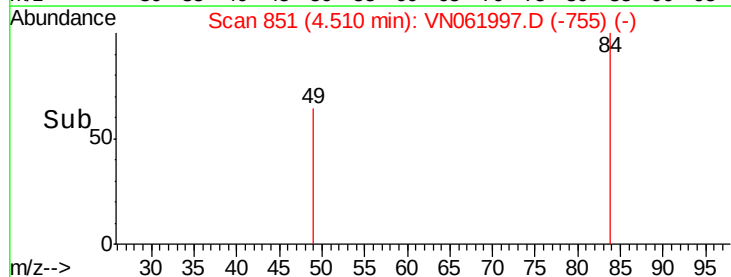
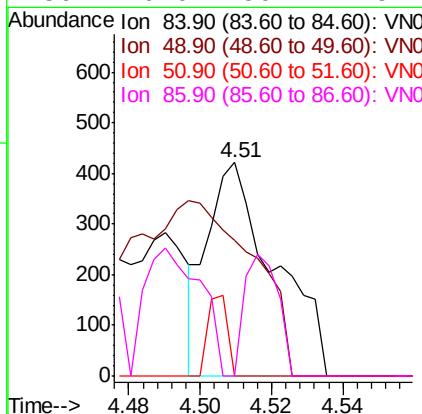
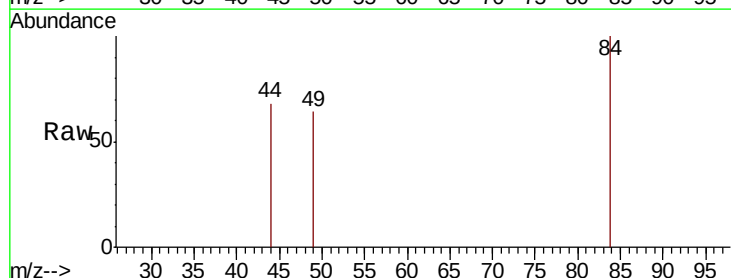
Instrument :
MSVOA_N
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MW201D-20200613DL

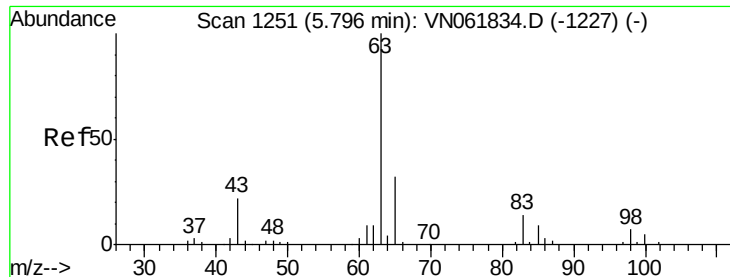
Tot Ion: 43 Resp: 436
Ion Ratio Lower Upper
43 100
74 0.0 23.0 34.4#



#20
Methylene Chloride
Concen: 0.301 ug/l
RT: 4.51 min Scan# 851
Delta R.T. 0.01 min
Lab File: VN061997.D
Acq: 22 Jun 2020 14:17

Tgt Ion: 84 Resp: 548
Ion Ratio Lower Upper
84 100
49 63.5 87.0 130.4#
51 0.0 27.8 41.6#
86 0.0 50.2 75.2#

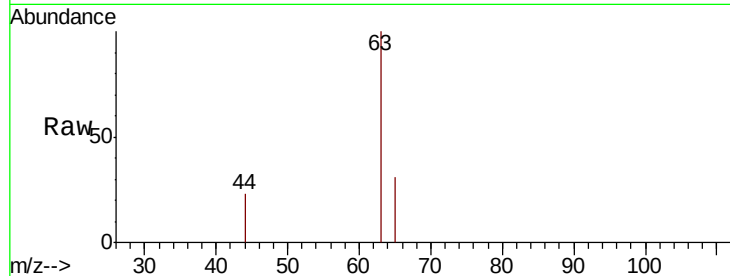




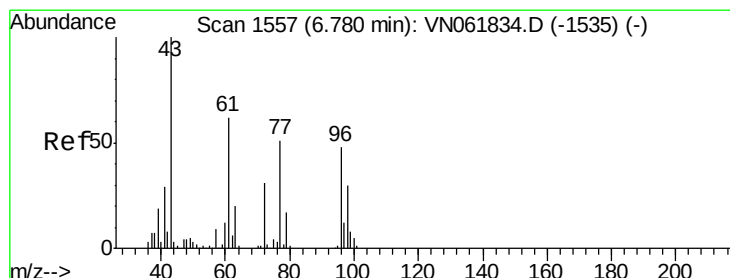
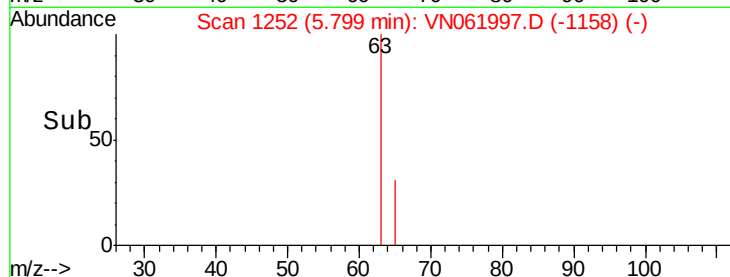
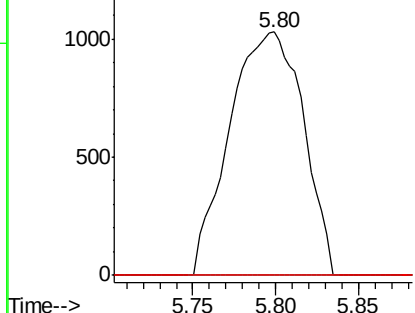
#24
 1,1-Dichloroethane
 Concen: 1.117 ug/l
 RT: 5.80 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VN061997.D
 Acq: 22 Jun 2020 14:17

Instrument :
 MSVOA_N
 ClientSampleId :
 MW201D-20200613DL

Tot Ion: 63 Resp: 3181
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.4#
 100 0.0 2.5 7.4#

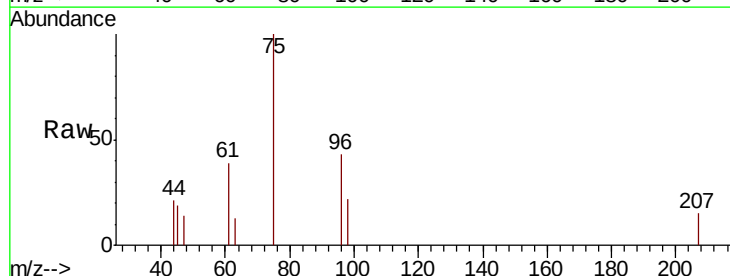


Abundance Ion 62.90 (62.60 to 63.60): VNO
 Ion 97.90 (97.60 to 98.60): VNO
 Ion 99.90 (99.60 to 100.60): VNO

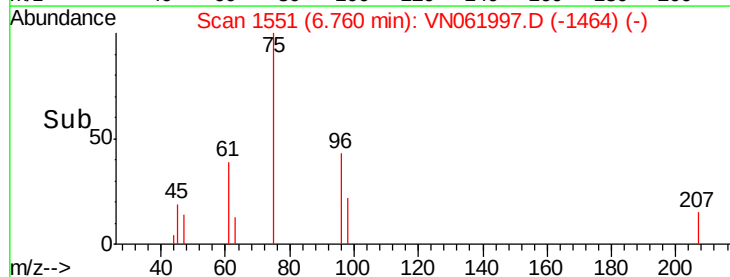
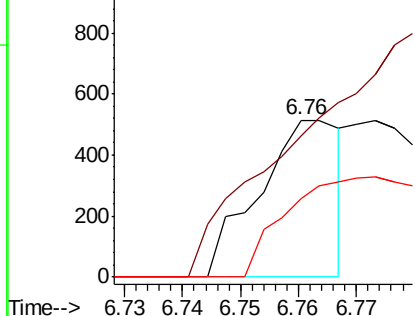


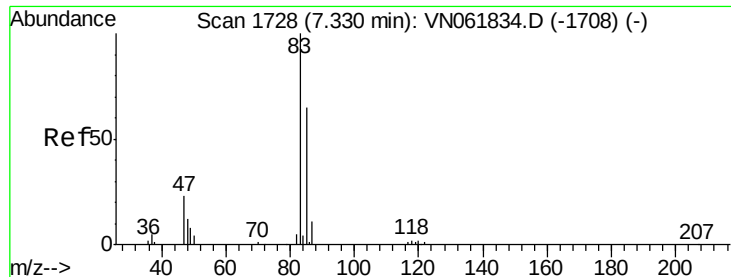
#27
 cis-1,2-Dichloroethene
 Concen: 0.265 ug/l
 RT: 6.76 min Scan# 1551
 Delta R.T. -0.02 min
 Lab File: VN061997.D
 Acq: 22 Jun 2020 14:17

Tgt Ion: 96 Resp: 504
 Ion Ratio Lower Upper
 96 100
 61 402.0 0.0 265.6#
 98 106.5 0.0 128.2



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

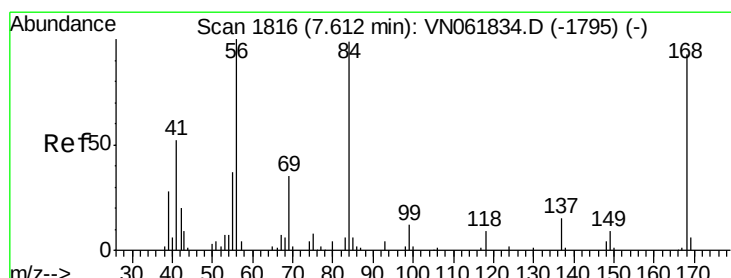
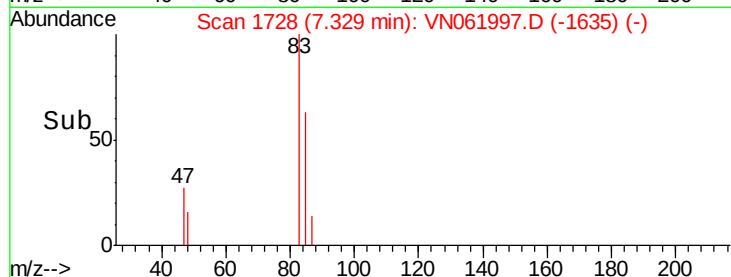
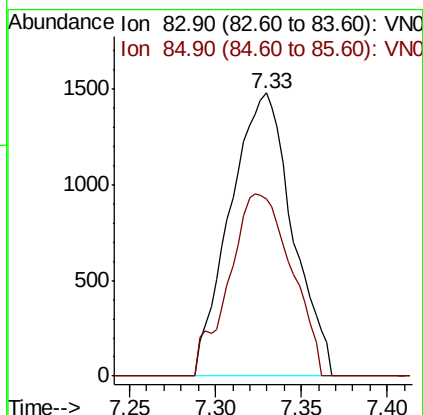
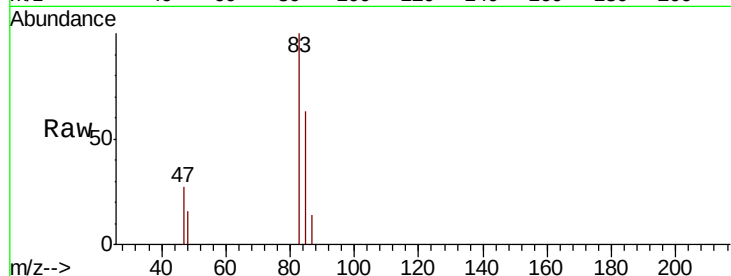




#30
Chloroform
Concen: 1.222 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN061997.D
Acq: 22 Jun 2020 14:17

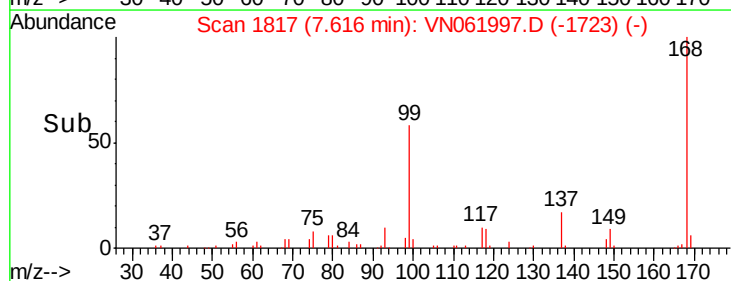
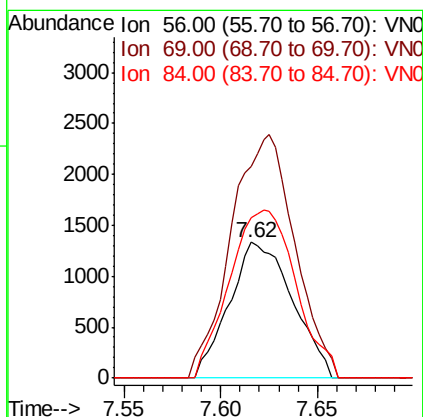
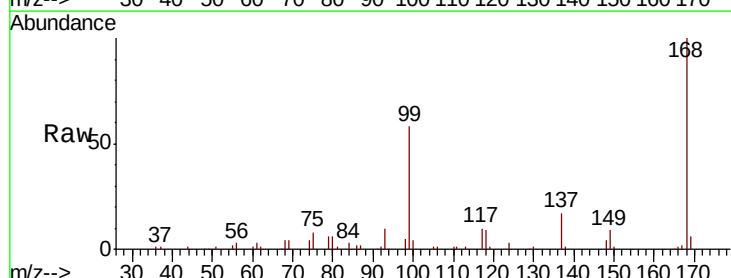
Instrument :
MSVOA_N
ClientSampleId :
MW201D-20200613DL

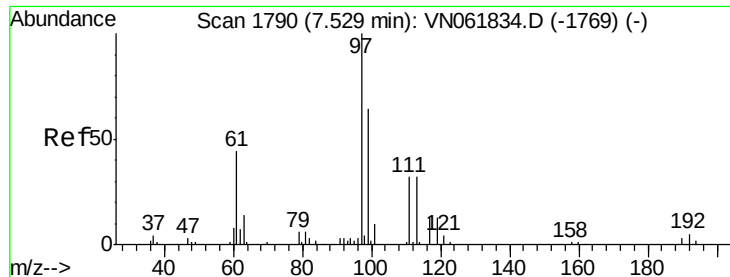
Tot Ion: 83 Resp: 3719
Ion Ratio Lower Upper
83 100
85 62.7 52.0 78.0



#31
Cyclohexane
Concen: 1.217 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VN061997.D
Acq: 22 Jun 2020 14:17

Tgt Ion: 56 Resp: 3034
Ion Ratio Lower Upper
56 100
69 156.1 27.7 41.5#
84 118.1 79.1 118.7





#32

1,1,1-Trichloroethane

Concen: 1.750 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN061997.D

Acq: 22 Jun 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

MW201D-20200613DL

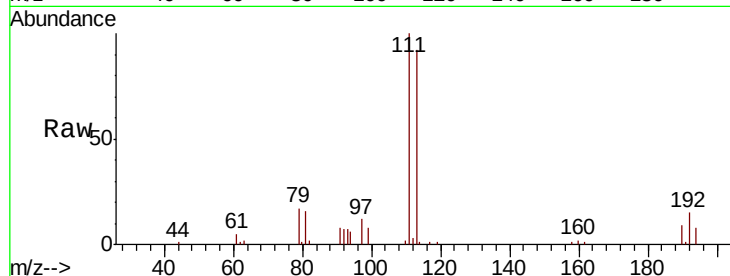
Tot Ion: 97 Resp: 4536

Ion Ratio Lower Upper

97 100

99 70.9 51.5 77.3

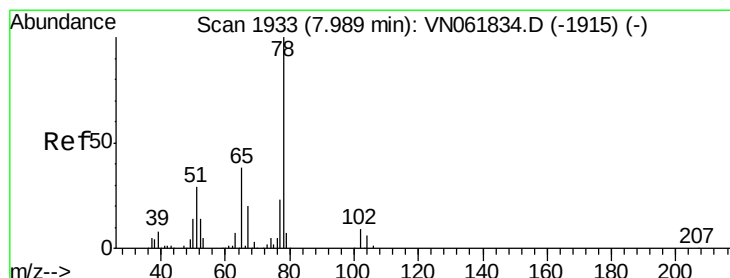
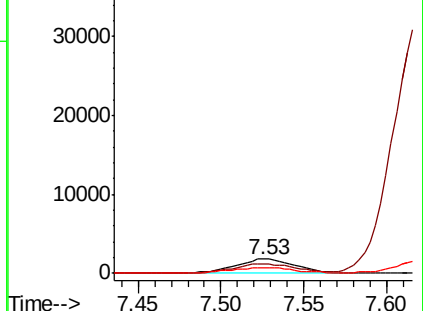
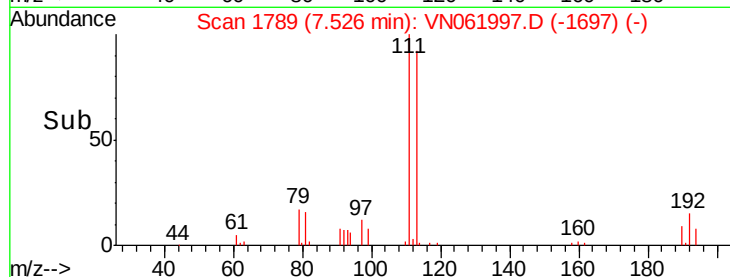
61 42.5 35.1 52.7



Abundance Ion 96.90 (96.60 to 97.60): VN061997.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN061997.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN061997.D (-1697) (-)



#33

1,2-Dichloroethane-d4

Concen: 50.571 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061997.D

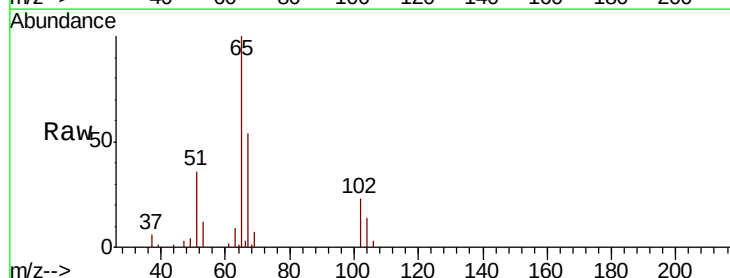
Acq: 22 Jun 2020 14:17

Tgt Ion: 65 Resp: 95646

Ion Ratio Lower Upper

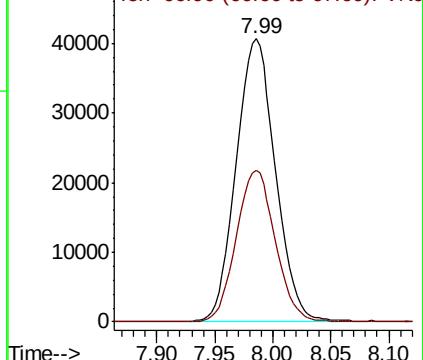
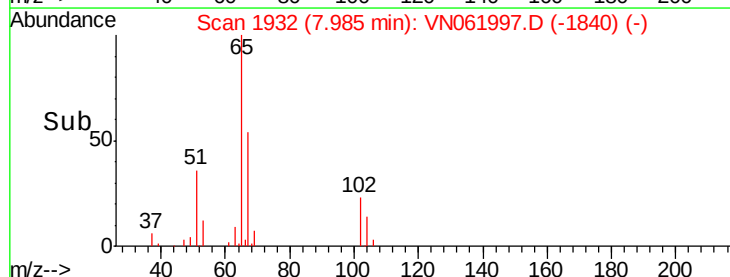
65 100

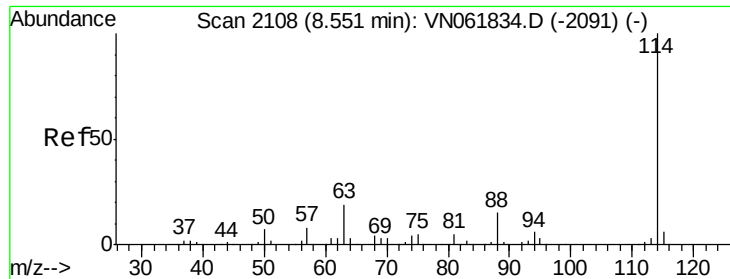
67 53.0 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN061997.D (-1840) (-)

Ion 66.90 (66.60 to 67.60): VN061997.D (-1840) (-)

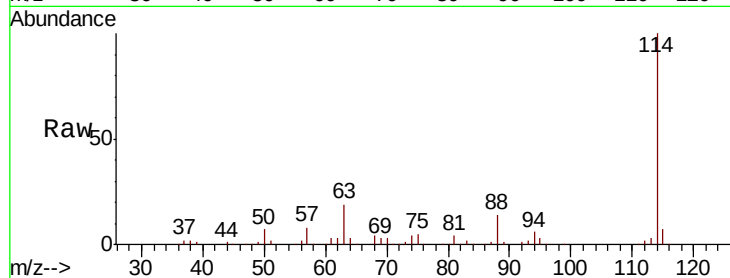




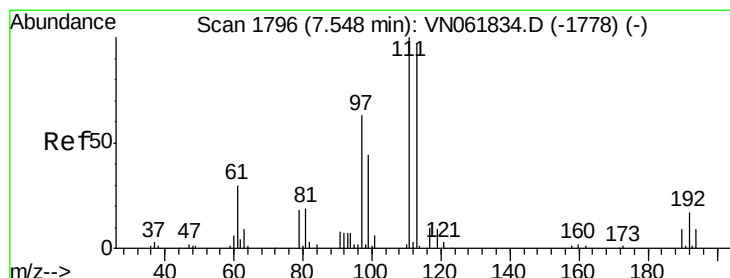
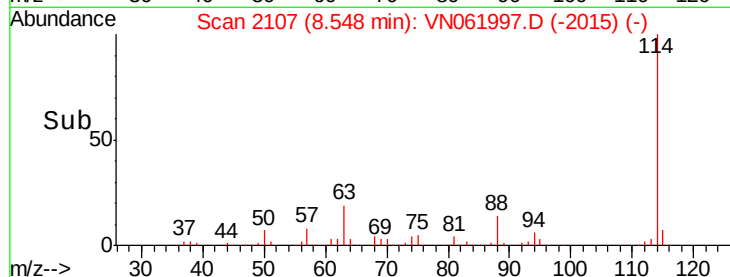
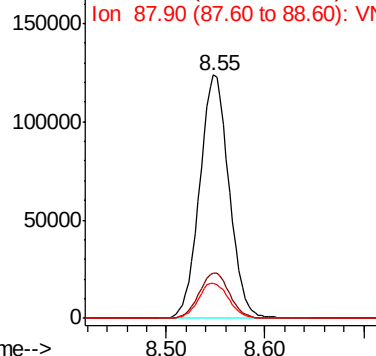
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2107
Delta R.T. -0.00 min
Lab File: VN061997.D
Acq: 22 Jun 2020 14:17

Instrument :
MSVOA_N
ClientSampleId :
MW201D-20200613DL

Tot Ion:114 Resp: 257386
Ion Ratio Lower Upper
114 100
63 18.8 0.0 37.6
88 14.3 0.0 31.0

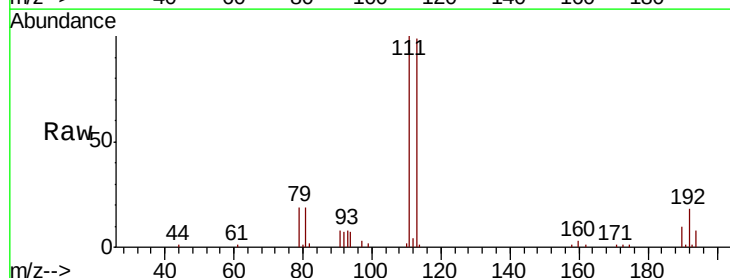


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

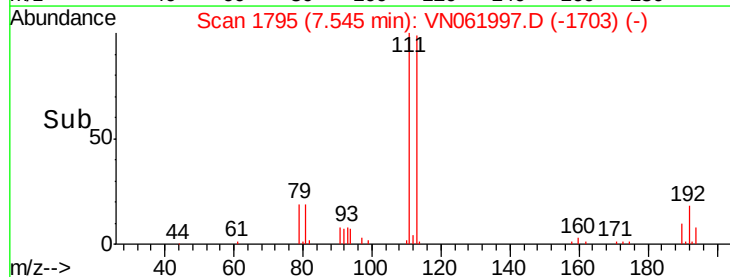
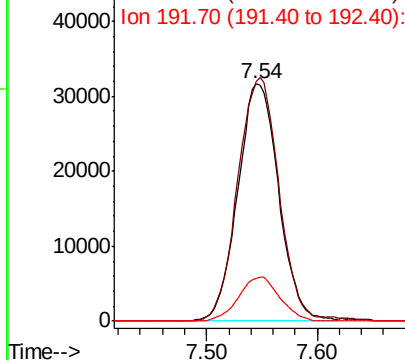


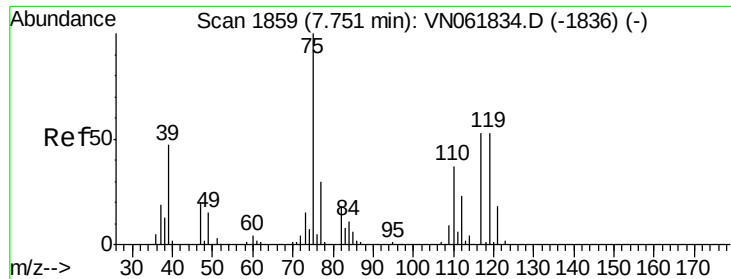
#35
Dibromofluoromethane
Concen: 49.438 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN061997.D
Acq: 22 Jun 2020 14:17

Tgt Ion:113 Resp: 81406
Ion Ratio Lower Upper
113 100
111 102.9 83.7 125.5
192 18.6 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: 4.896 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.13 min

Lab File: VN061997.D

Acq: 22 Jun 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

MW201D-20200613DL

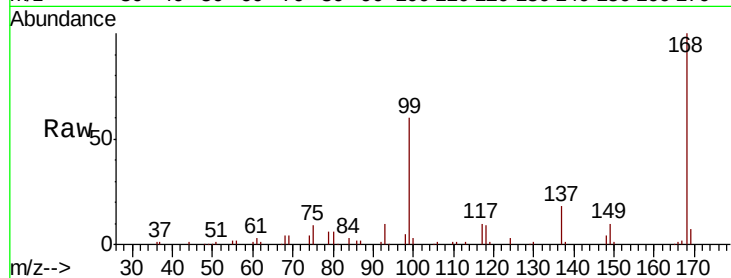
Tot Ion: 75 Resp: 11495

Ion Ratio Lower Upper

75 100

110 8.5 18.2 54.6#

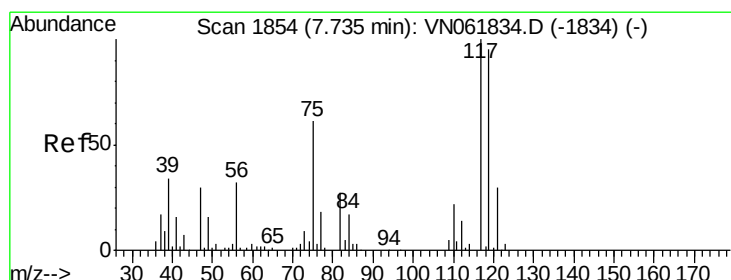
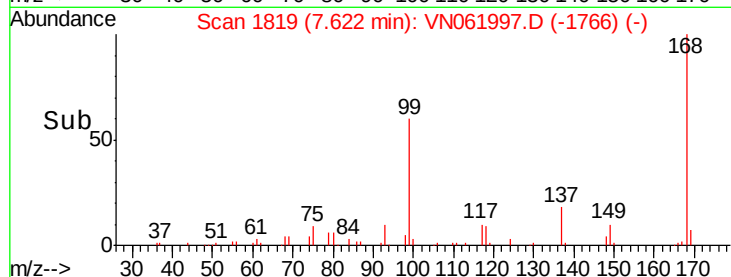
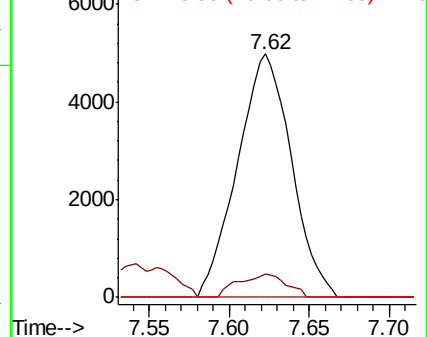
77 0.0 24.2 36.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0



#38

Carbon Tetrachloride

Concen: 5.919 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.11 min

Lab File: VN061997.D

Acq: 22 Jun 2020 14:17

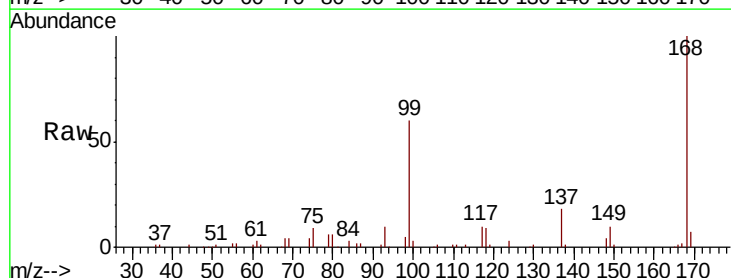
Tgt Ion: 117 Resp: 13761

Ion Ratio Lower Upper

117 100

119 6.3 75.8 113.6#

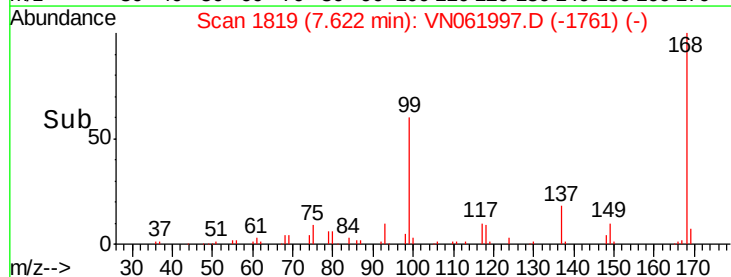
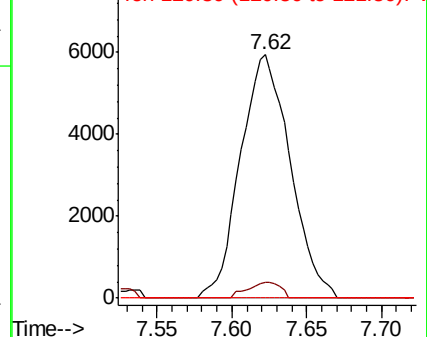
121 0.0 23.8 35.6#

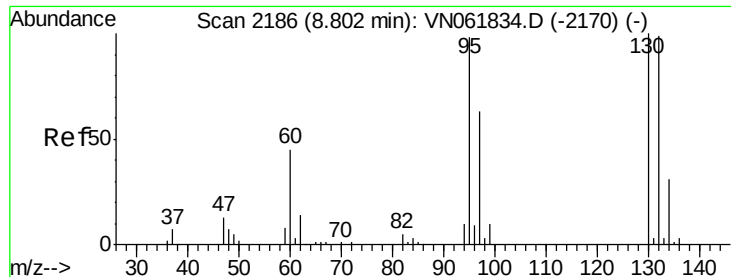


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#44

Trichloroethene

Concen: 25.844 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN061997.D

Acq: 22 Jun 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

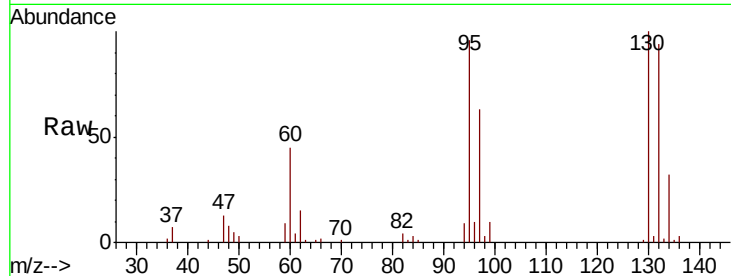
MW201D-20200613DL

Tot Ion:130 Resp: 48370

Ion Ratio Lower Upper

130 100

95 96.2 0.0 195.6



Abundance Ion 129.80 (129.50 to 130.50): VN061834.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN061834.D (-2170) (-)

8.80

25000

20000

15000

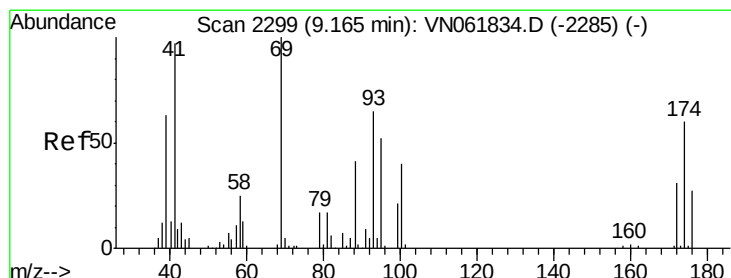
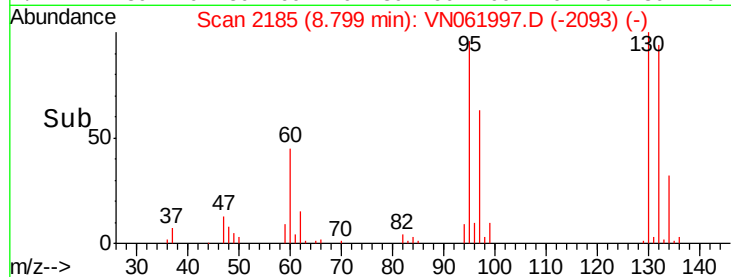
10000

5000

0

8.75 8.80 8.85

Time-->



#49

1,4-Dioxane

Concen: 5.518 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. 0.01 min

Lab File: VN061997.D

Acq: 22 Jun 2020 14:17

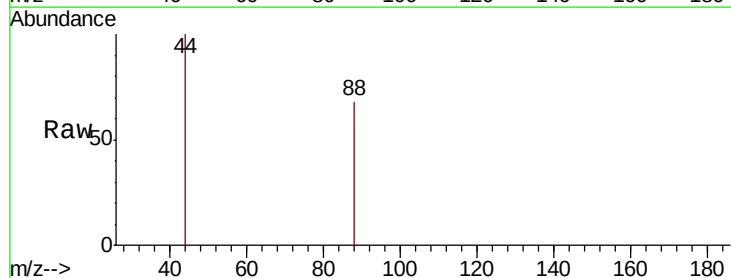
Tgt Ion: 88 Resp: 178

Ion Ratio Lower Upper

88 100

43 0.0 23.4 35.2#

58 0.0 49.8 74.6#



Abundance Ion 88.00 (87.70 to 88.70): VN061834.D (-2285) (-)

Ion 43.00 (42.70 to 43.70): VN061834.D (-2285) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2285) (-)

250

200

150

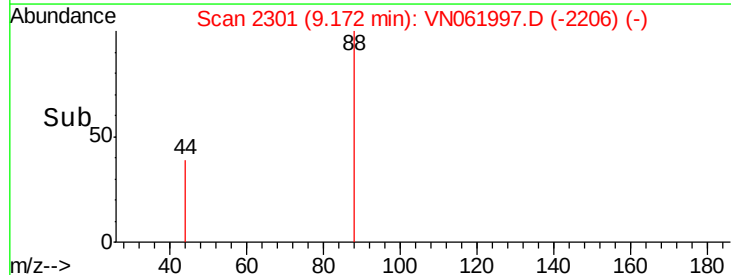
100

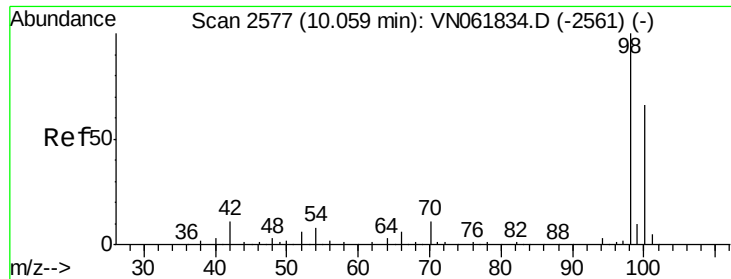
50

0

9.15 9.16 9.17 9.18 9.19

Time-->





#50

Toluene-d8

Concen: 49.481 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061997.D

Acq: 22 Jun 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

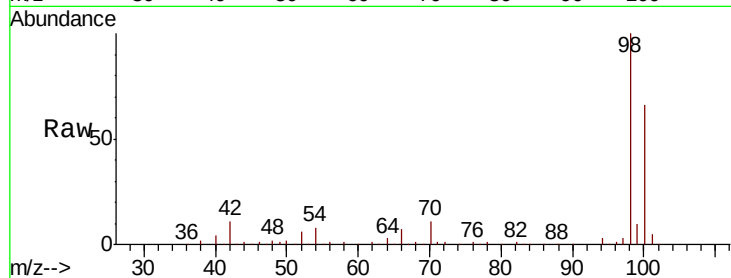
MW201D-20200613DL

Tot Ion: 98 Resp: 320319

Ion Ratio Lower Upper

98 100

100 64.7 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061834.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061834.D (-2561) (-)

10.06

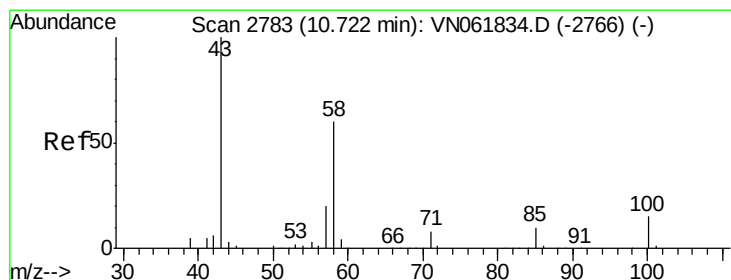
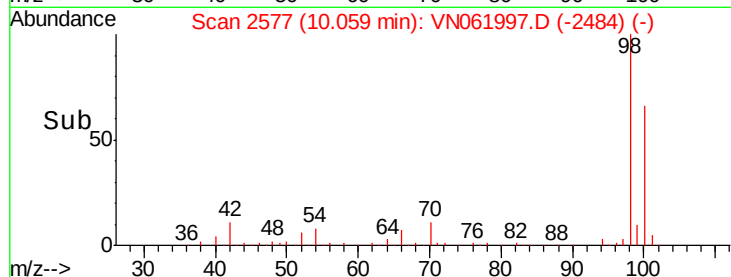
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 13.577 ug/l

RT: 10.73 min Scan# 2785

Delta R.T. 0.01 min

Lab File: VN061997.D

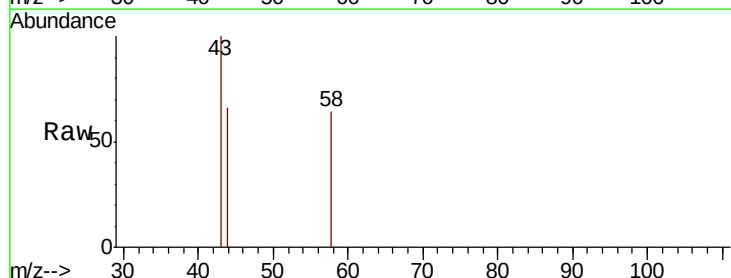
Acq: 22 Jun 2020 14:17

Tgt Ion: 43 Resp: 263

Ion Ratio Lower Upper

43 100

58 55.5 30.1 90.5



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-2766) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2766) (-)

10.73

300

250

200

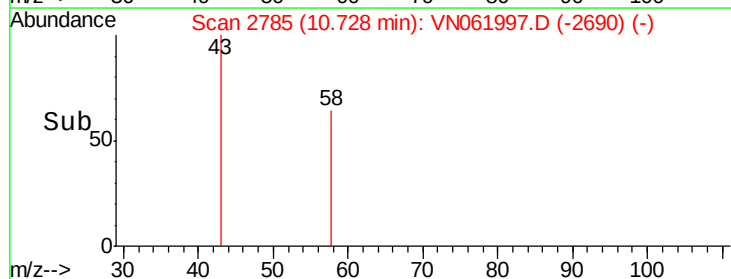
150

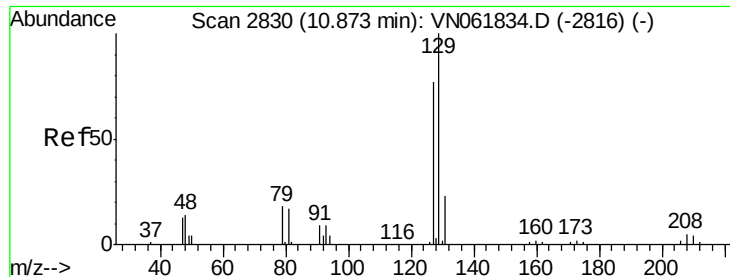
100

50

0

Time-->

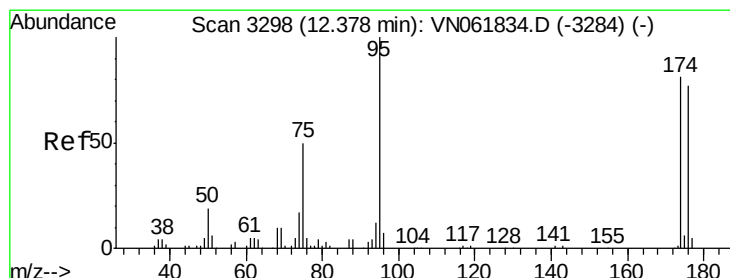
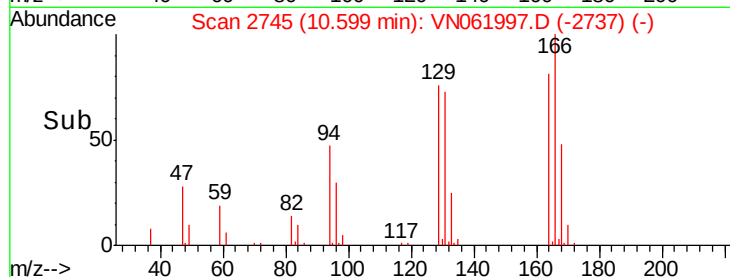
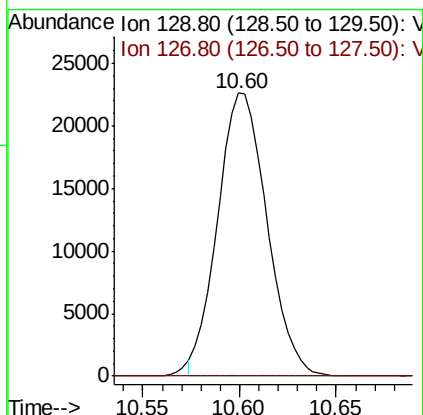
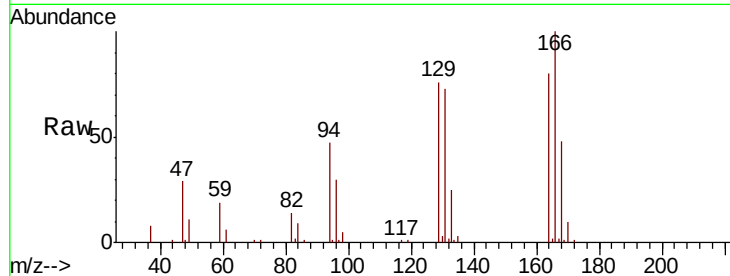




#60
Dibromochloromethane
Concen: 20.425 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.27 min
Lab File: VN061997.D
Acq: 22 Jun 2020 14:17

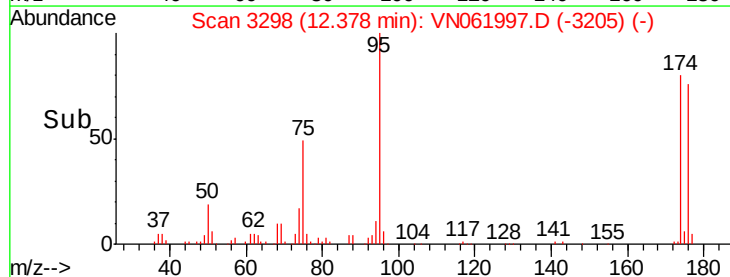
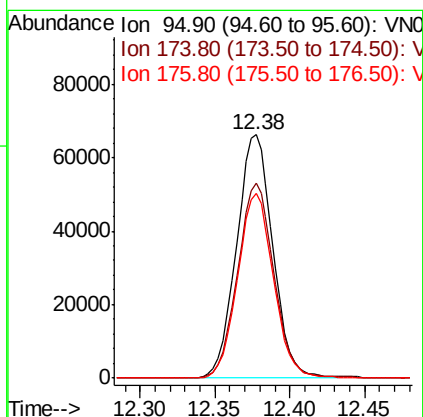
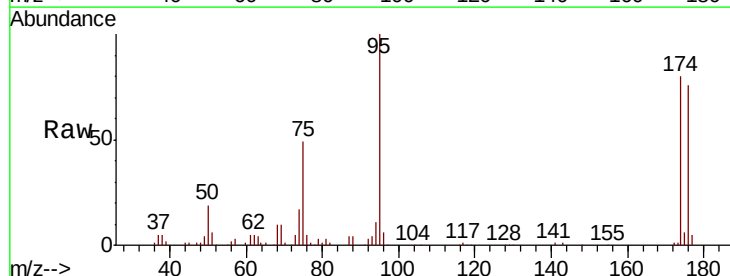
Instrument :
MSVOA_N
ClientSampleId :
MW201D-20200613DL

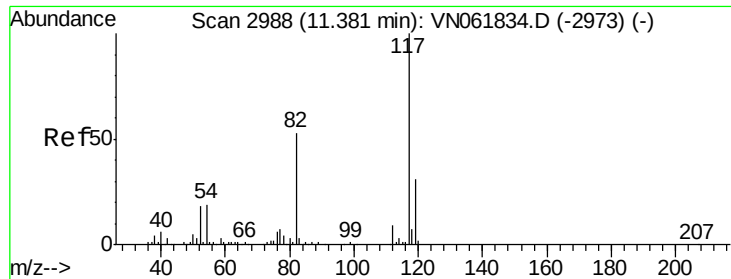
Tot Ion:129 Resp: 40049
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 50.294 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN061997.D
Acq: 22 Jun 2020 14:17

Tgt Ion: 95 Resp: 111680
Ion Ratio Lower Upper
95 100
174 80.2 0.0 158.6
176 75.2 0.0 152.0

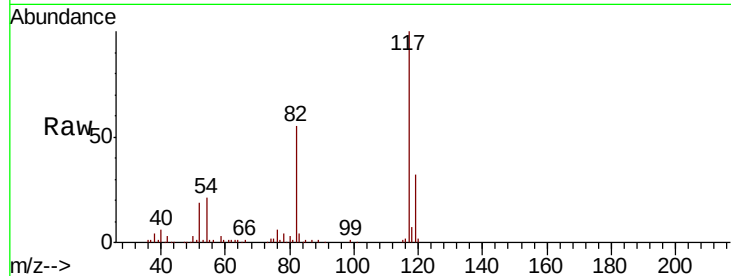




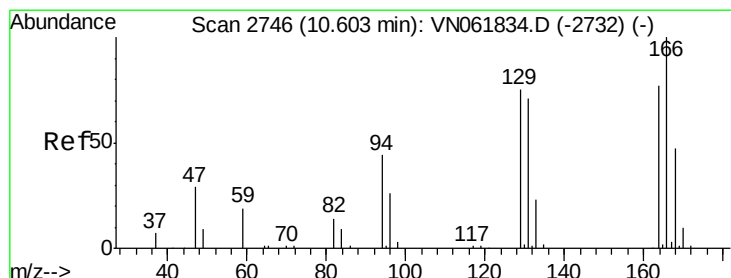
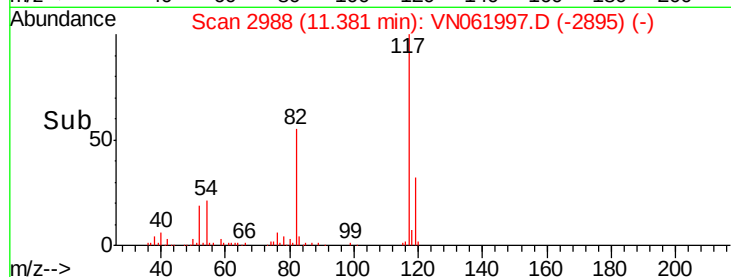
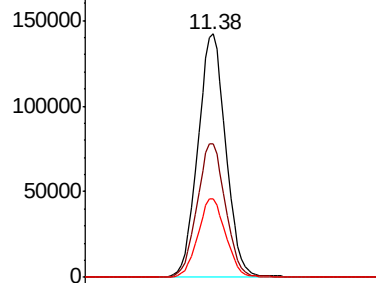
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061997.D
Acq: 22 Jun 2020 14:17

Instrument :
MSVOA_N
ClientSampleId :
MW201D-20200613DL

Tot Ion:117 Resp: 249315
Ion Ratio Lower Upper
117 100
82 54.8 42.6 64.0
119 32.3 24.7 37.1

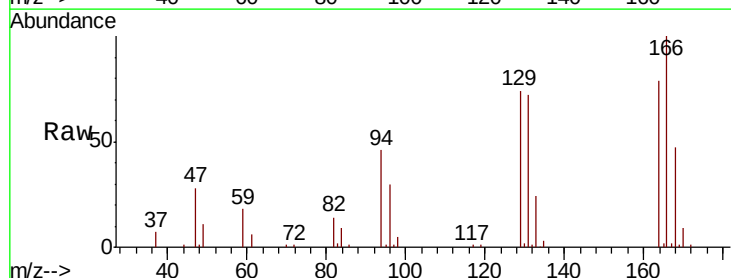


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

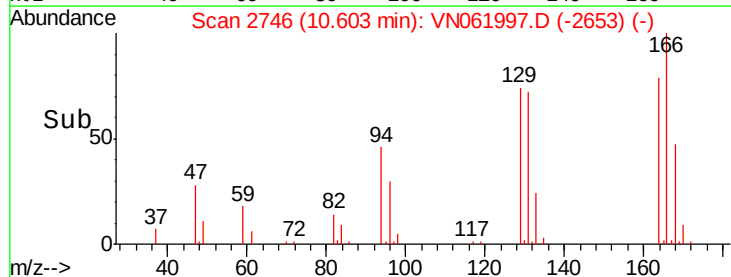
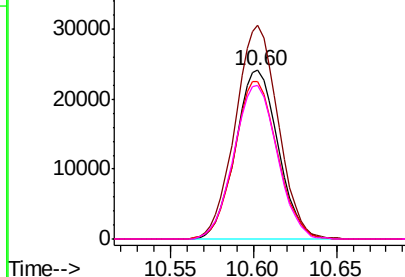


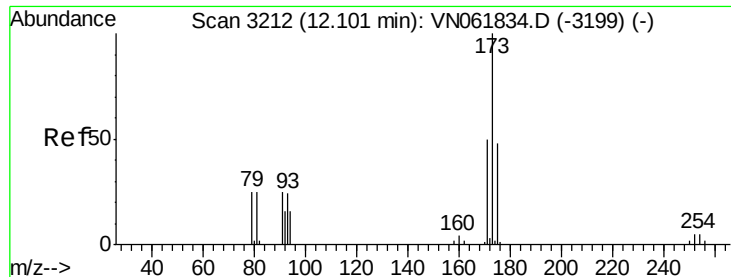
#64
Tetrachloroethene
Concen: 27.159 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061997.D
Acq: 22 Jun 2020 14:17

Tgt Ion:164 Resp: 43157
Ion Ratio Lower Upper
164 100
166 126.5 103.5 155.3
129 93.3 77.5 116.3
131 90.8 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: 0.793 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.28 min

Lab File: VN061997.D

Acq: 22 Jun 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

MW201D-20200613DL

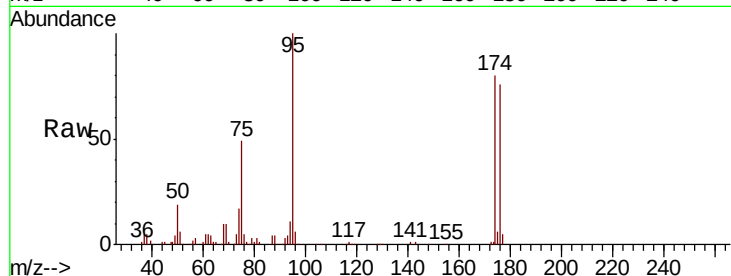
Tot Ion:173 Resp: 1061

Ion Ratio Lower Upper

173 100

175 543.3 23.9 71.7#

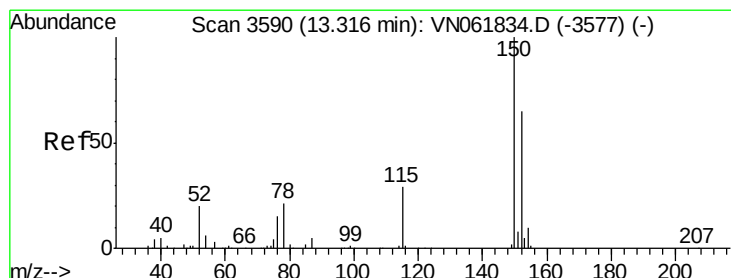
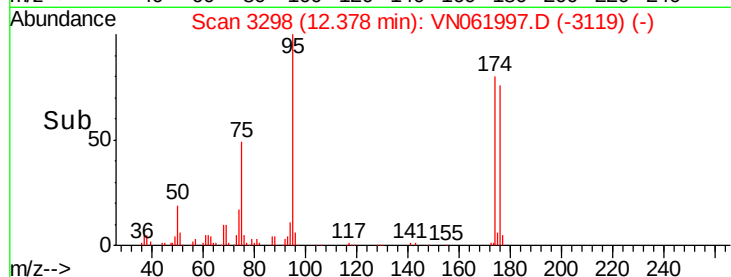
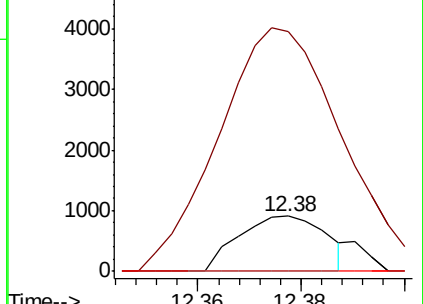
254 0.0 0.0 0.0



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: VN061997.D

Acq: 22 Jun 2020 14:17

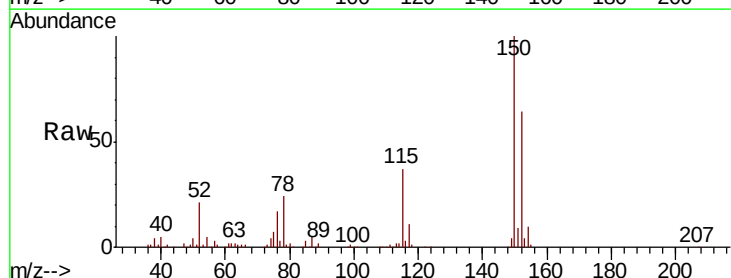
Tgt Ion:152 Resp: 106547

Ion Ratio Lower Upper

152 100

115 57.6 29.1 87.3

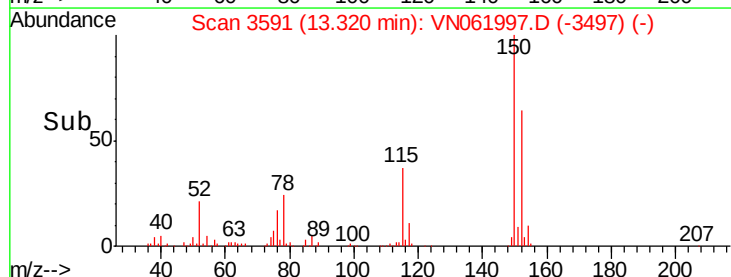
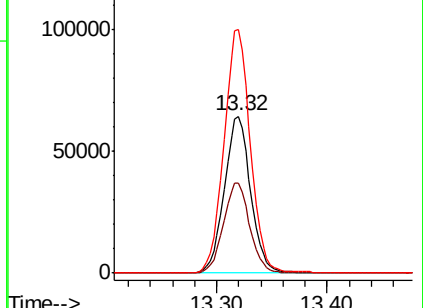
150 155.6 0.0 347.6

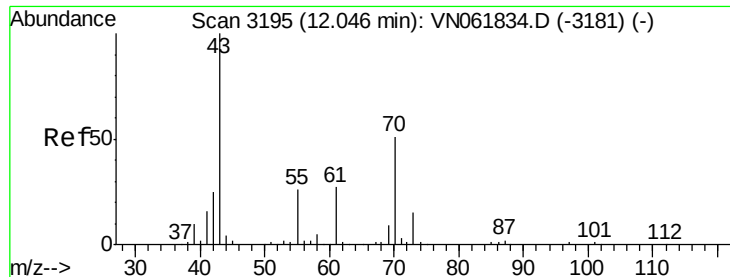


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 3.103 ug/l

RT: 12.05 min Scan# 3197

Delta R.T. 0.01 min

Lab File: VN061997.D

Acq: 22 Jun 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

MW201D-20200613DL

Tot Ion: 43 Resp: 113

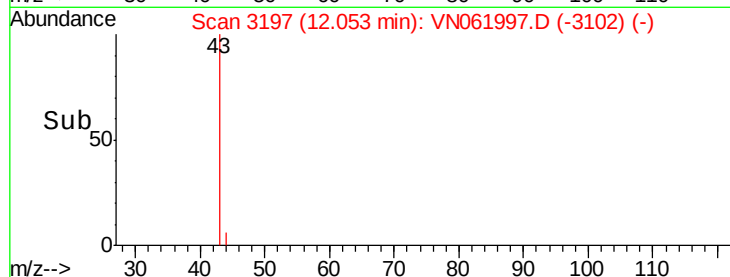
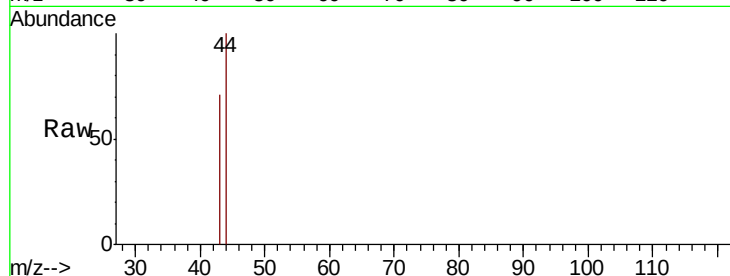
Ion Ratio Lower Upper

43 100

70 0.0 40.6 60.8#

55 0.0 21.5 32.3#

61 0.0 21.6 32.4#

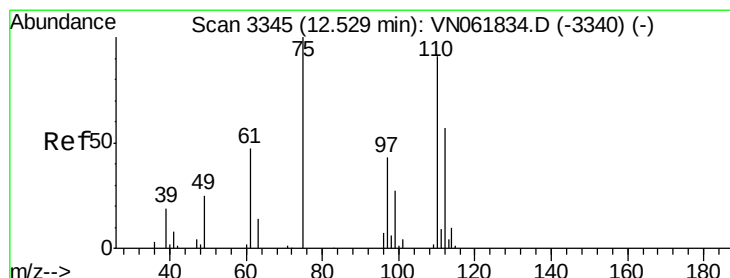
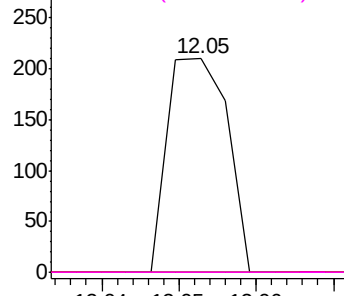


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 26.733 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN061997.D

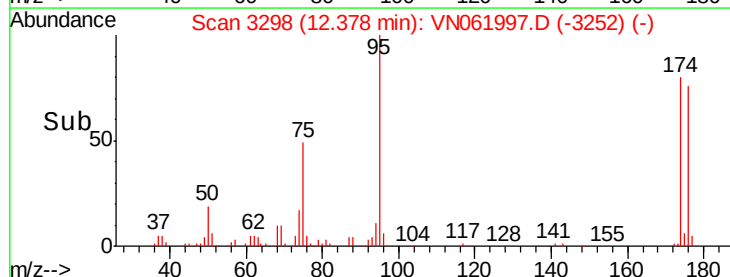
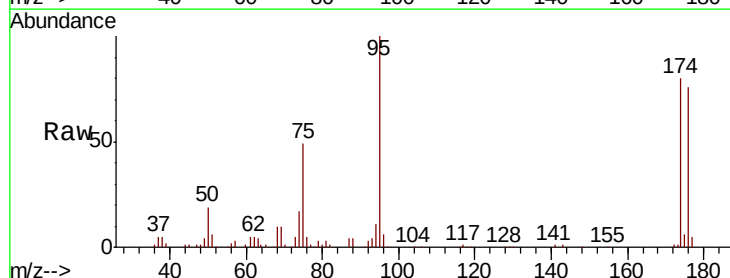
Acq: 22 Jun 2020 14:17

Tgt Ion: 75 Resp: 55920

Ion Ratio Lower Upper

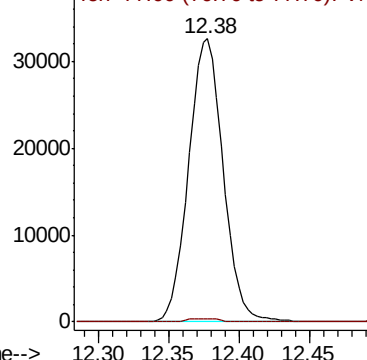
75 100

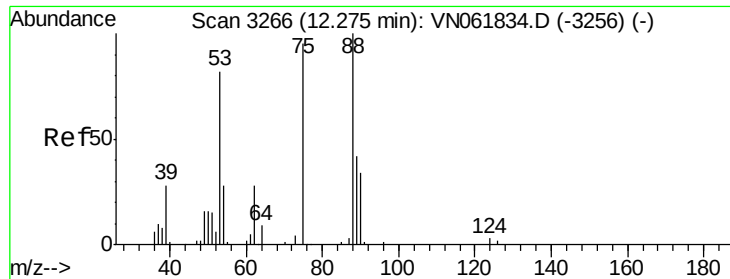
77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#81

trans-1,4-Dichloro-2-butene

Concen: 72.913 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN061997.D

Acq: 22 Jun 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

MW201D-20200613DL

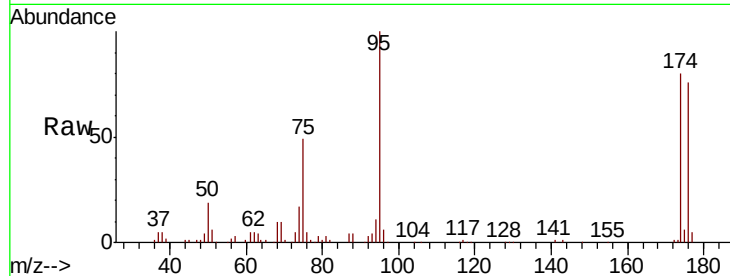
Tot Ion: 75 Resp: 55920

Ion Ratio Lower Upper

75 100

53 0.0 70.4 105.6#

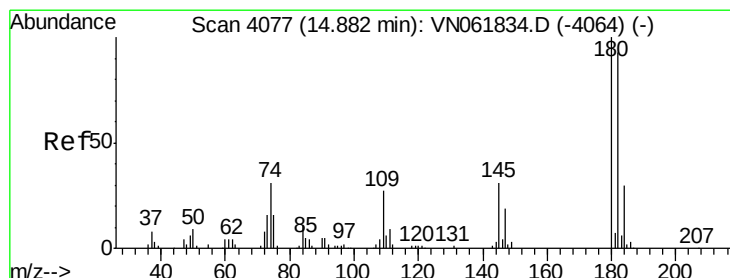
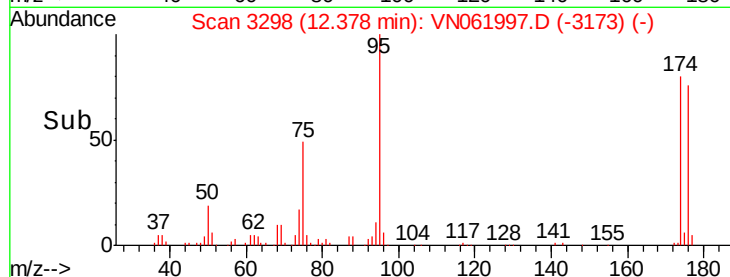
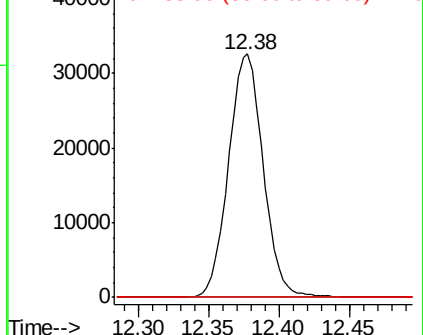
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN061834.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN061834.D (-3256) (-)

Ion 88.90 (88.60 to 89.60): VN061834.D (-3256) (-)



#93

1,2,4-Trichlorobenzene

Concen: 0.398 ug/l

RT: 14.89 min Scan# 4078

Delta R.T. 0.00 min

Lab File: VN061997.D

Acq: 22 Jun 2020 14:17

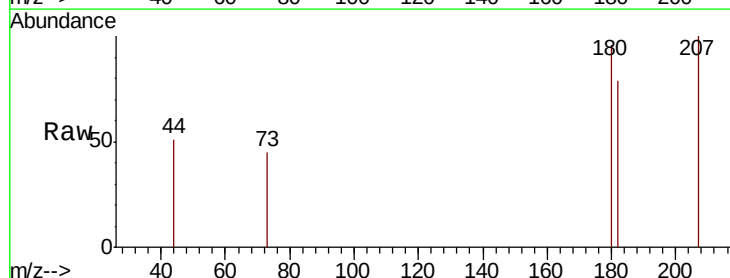
Tgt Ion:180 Resp: 630

Ion Ratio Lower Upper

180 100

182 98.3 47.0 141.2

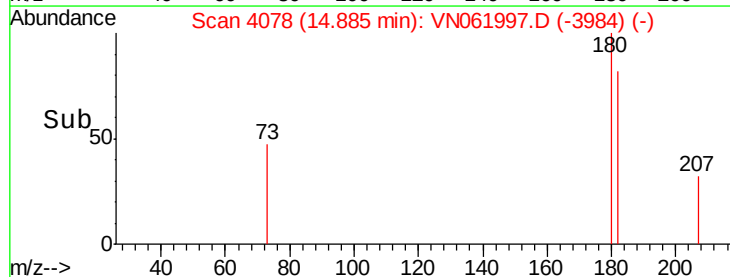
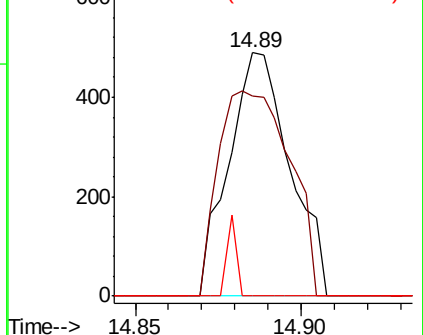
145 4.9 15.8 47.3#

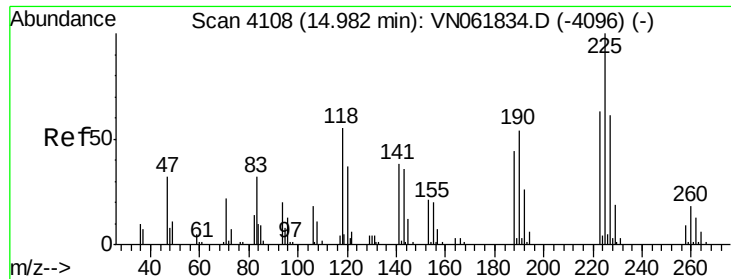


Abundance Ion 179.80 (179.50 to 180.50): VN061834.D (-4064) (-)

Ion 181.80 (181.50 to 182.50): VN061834.D (-4064) (-)

Ion 144.80 (144.50 to 145.50): VN061834.D (-4064) (-)





#94

Hexachlorobutadiene

Concen: 0.249 ug/l

RT: 14.98 min Scan# 4108

Delta R.T. -0.00 min

Lab File: VN061997.D

Acq: 22 Jun 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

MW201D-20200613DL

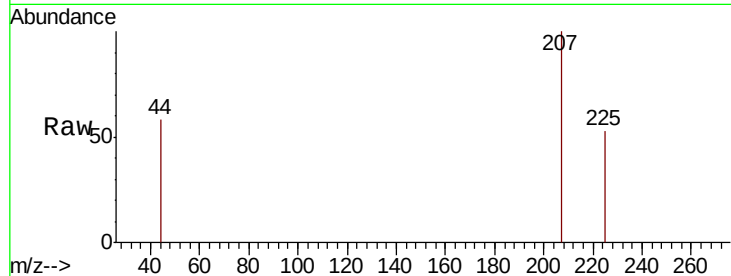
Tot Ion:225 Resp: 155

Ion Ratio Lower Upper

225 100

223 0.0 31.7 95.1#

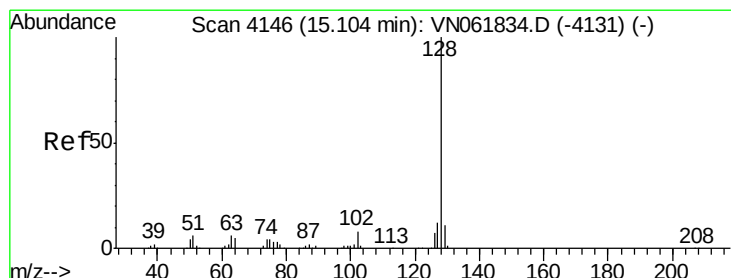
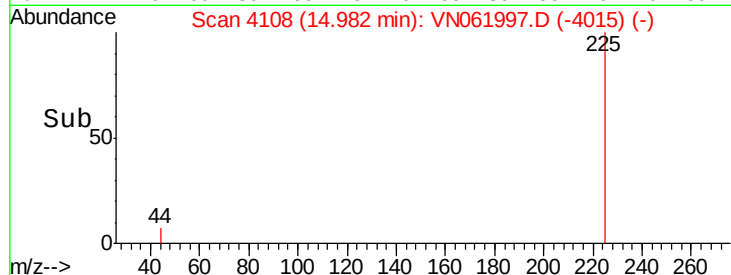
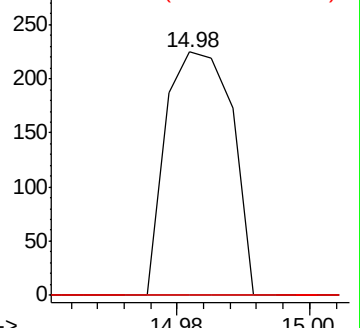
227 0.0 30.1 90.3#



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 4.018 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN061997.D

Acq: 22 Jun 2020 14:17

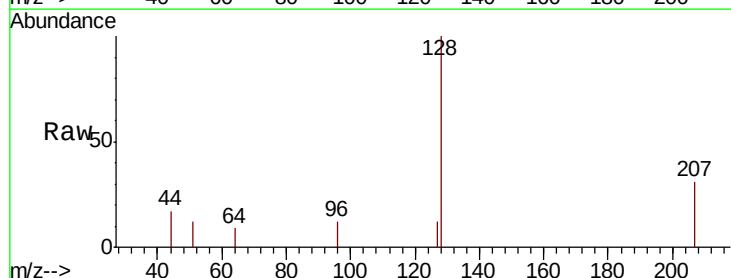
Tgt Ion:128 Resp: 3049

Ion Ratio Lower Upper

128 100

127 5.9 10.3 15.5#

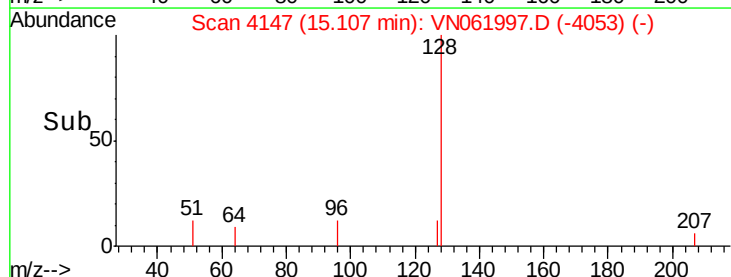
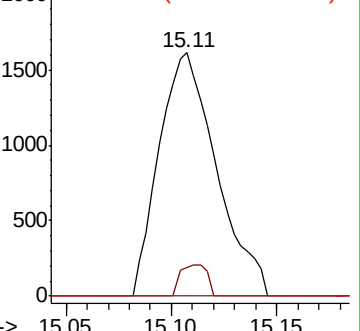
129 0.0 8.6 13.0#

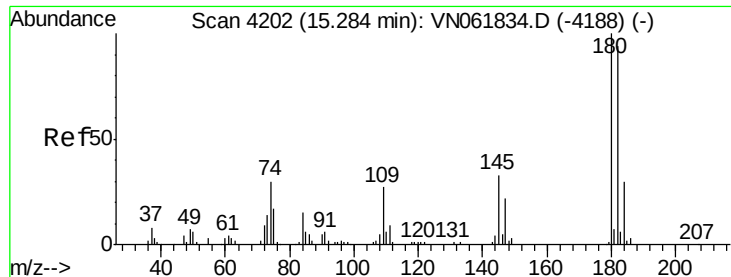


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.434 ug/l
 RT: 15.28 min Scan# 4202
 Delta R.T. -0.00 min
 Lab File: VN061997.D
 Acq: 22 Jun 2020 14:17

Instrument :
 MSVOA_N
 ClientSampleId :
 MW201D-20200613DL

Tot Ion	Ratio	Lower	Upper
180	100		
182	89.6	47.9	143.6
145	4.3	16.5	49.5

