

Data File : VN061217.D
Acq On : 30 Apr 2020 21:20
Operator : JC/MD
Sample : L2453-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-9

Quant Time: May 01 02:23:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 29 08:14:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	114868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	206836	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	192455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	84467	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	88085	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
35) Dibromofluoromethane	7.55	113	61142	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
50) Toluene-d8	10.06	98	256172	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
62) 4-Bromofluorobenzene	12.38	95	92552	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	

Target Compounds

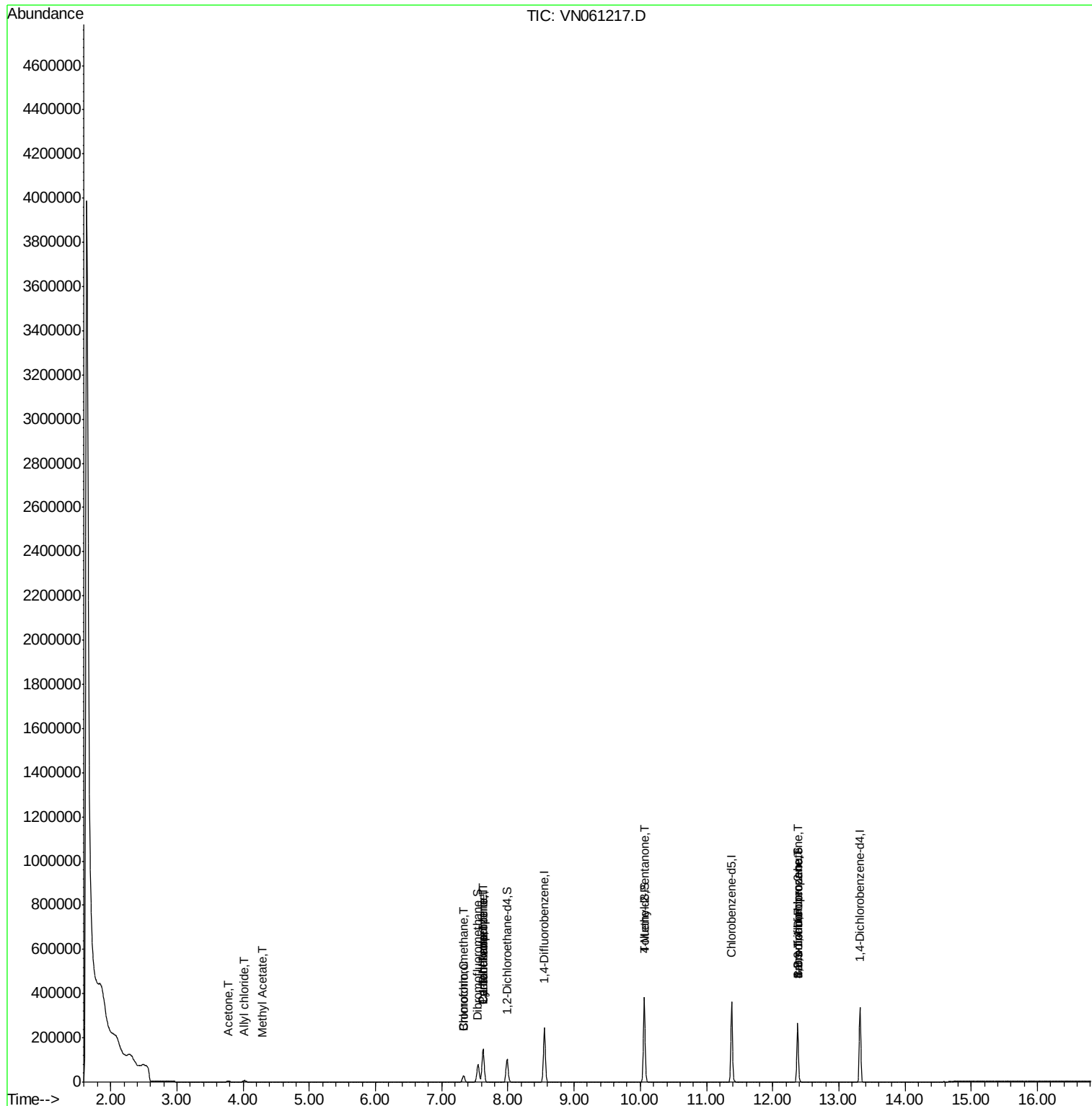
						Qvalue
14) Allyl chloride	4.01	41	951	0.423	ug/l #	72
16) Acetone	3.78	43	9793	8.597	ug/l	94
18) Methyl Acetate	4.28	43	121	0.731	ug/l #	55
28) Bromochloromethane	7.33	49	2677	2.074	ug/l #	20
30) Chloroform	7.33	83	30208	10.948	ug/l	97
31) Cyclohexane	7.62	56	2971	1.124	ug/l #	3
36) 1,1-Dichloropropene	7.63	75	9945	4.803	ug/l #	50
38) Carbon Tetrachloride	7.63	117	11913	8.304	ug/l #	16
51) 4-Methyl-2-Pentanone	10.06	43	1447	0.610	ug/l #	1
71) Bromoform	12.37	173	506	0.504	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	48795	27.401	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	48795	69.584	ug/l #	8

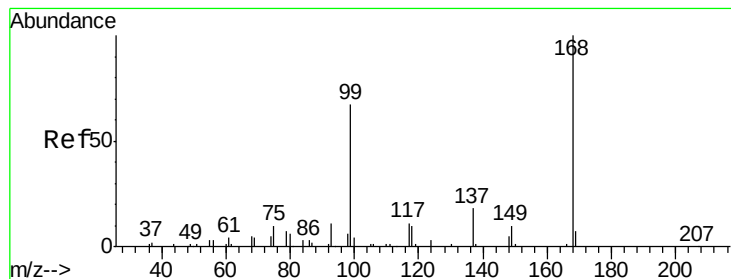
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061217.D

Acq: 30 Apr 2020 21:20

Instrument :

MSVOA_N

ClientSampled :

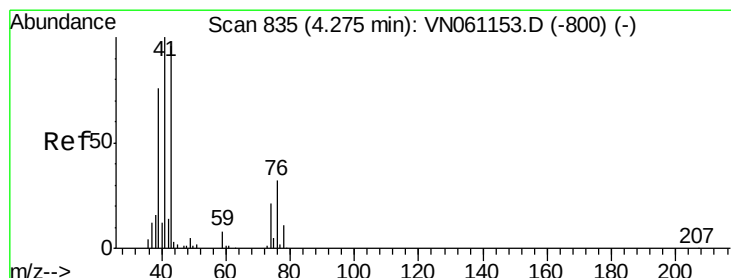
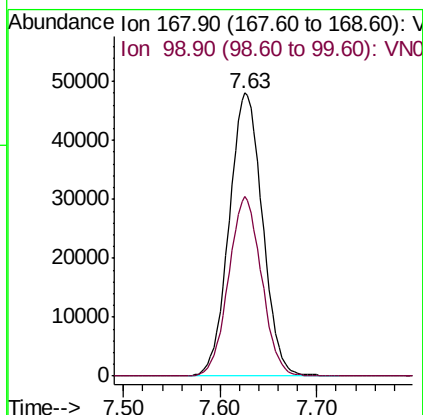
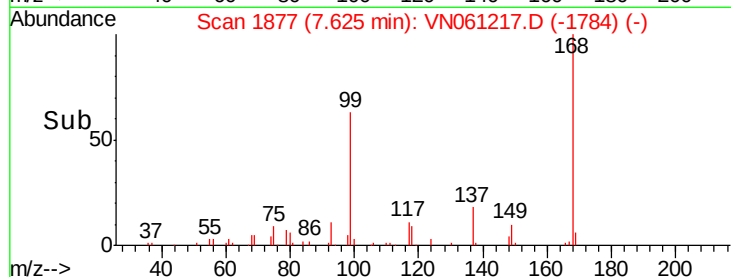
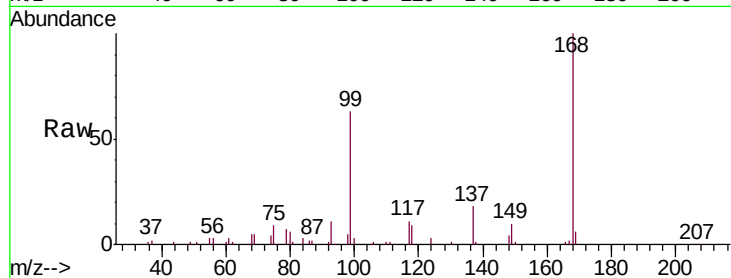
MW-9

Tgt Ion: 168 Resp: 114868

Ion Ratio Lower Upper

168 100

99 63.5 51.2 76.8



#14

Allyl chloride

Concen: 0.423 ug/l

RT: 4.01 min Scan# 754

Delta R.T. -0.26 min

Lab File: VN061217.D

Acq: 30 Apr 2020 21:20

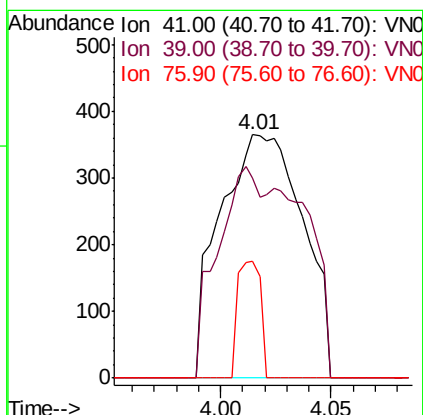
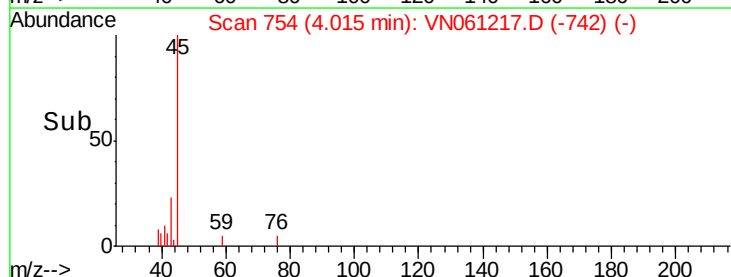
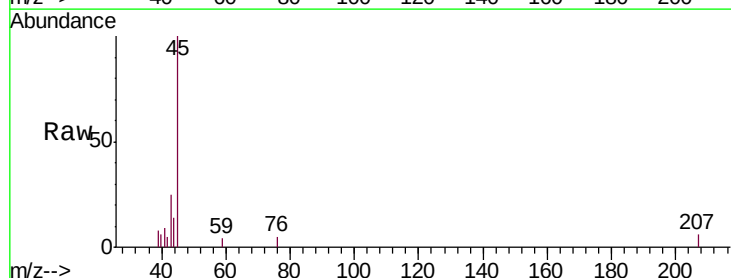
Tgt Ion: 41 Resp: 951

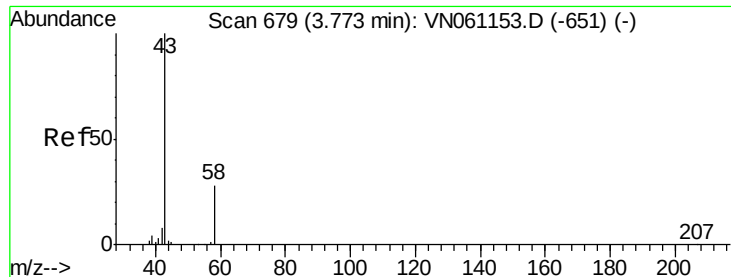
Ion Ratio Lower Upper

41 100

39 49.5 57.1 85.7#

76 13.4 24.3 36.5#

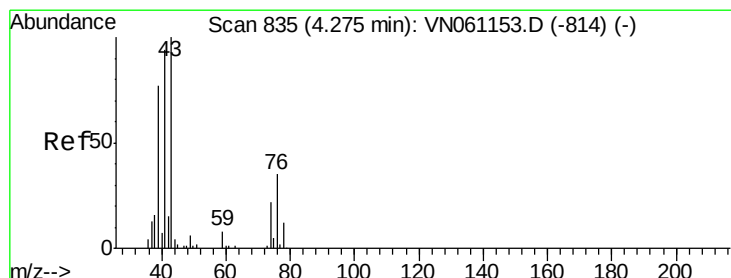
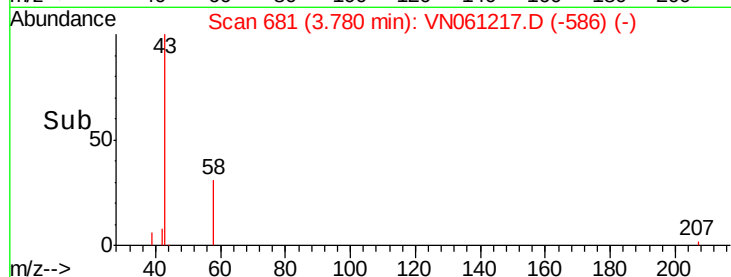
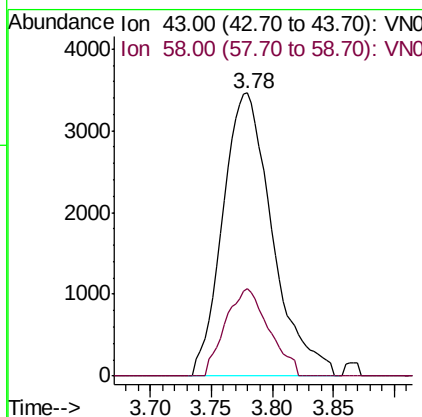
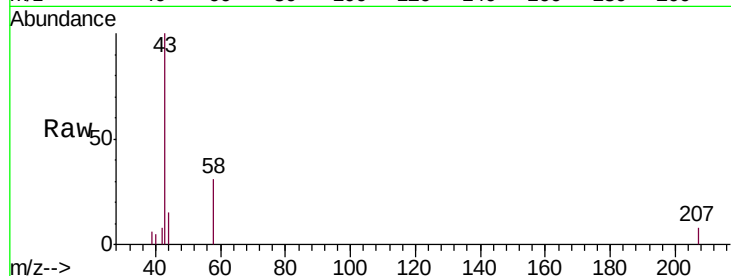




#16
Acetone
Concen: 8.597 ug/l
RT: 3.78 min Scan# 681
Delta R.T. 0.01 min
Lab File: VN061217.D
Acq: 30 Apr 2020 21:20

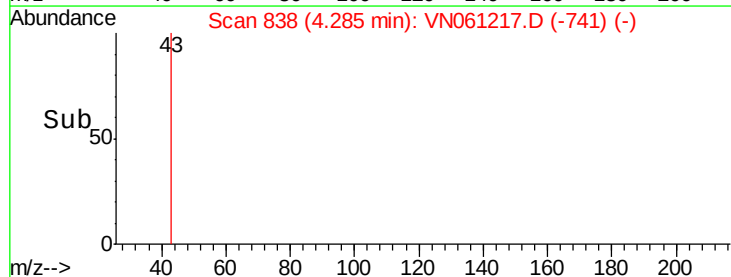
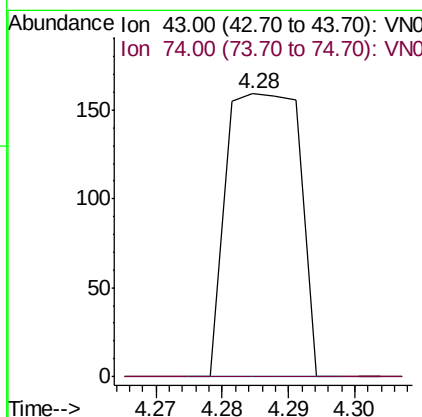
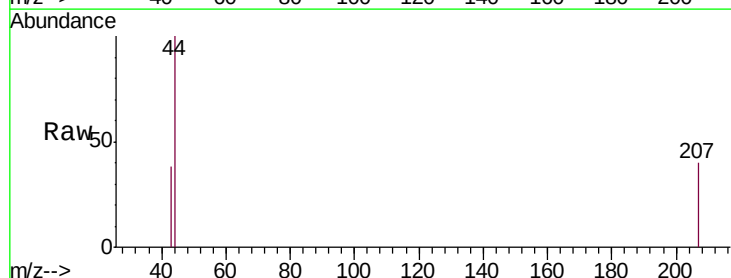
Instrument :
MSVOA_N
ClientSampled :
MW-9

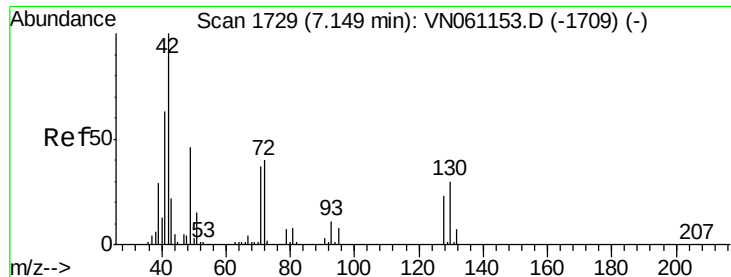
Tgt Ion: 43 Resp: 9793
Ion Ratio Lower Upper
43 100
58 30.8 22.2 33.2



#18
Methyl Acetate
Concen: 0.731 ug/l
RT: 4.28 min Scan# 838
Delta R.T. 0.01 min
Lab File: VN061217.D
Acq: 30 Apr 2020 21:20

Tgt Ion: 43 Resp: 121
Ion Ratio Lower Upper
43 100
74 0.0 17.0 25.4#





#28

Bromochloromethane

Concen: 2.074 ug/l

RT: 7.33 min Scan# 1784

Delta R.T. 0.18 min

Lab File: VN061217.D

Acq: 30 Apr 2020 21:20

Instrument :

MSVOA_N

ClientSampled :

MW-9

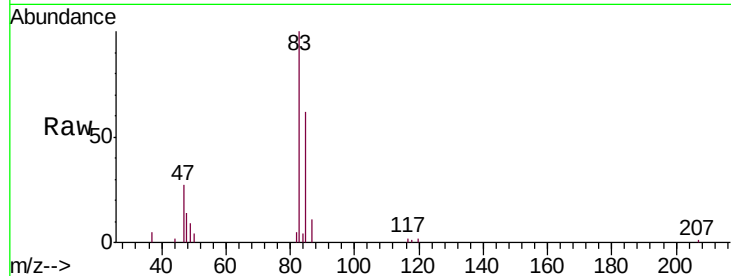
Tgt Ion: 49 Resp: 2677

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.0

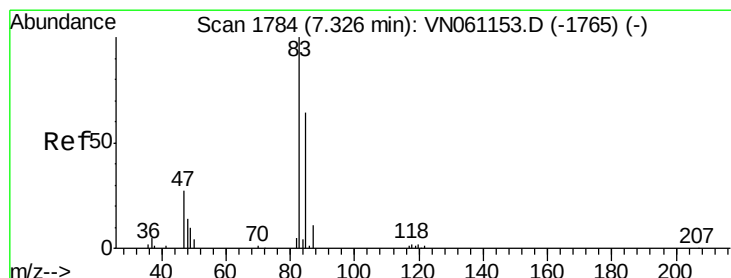
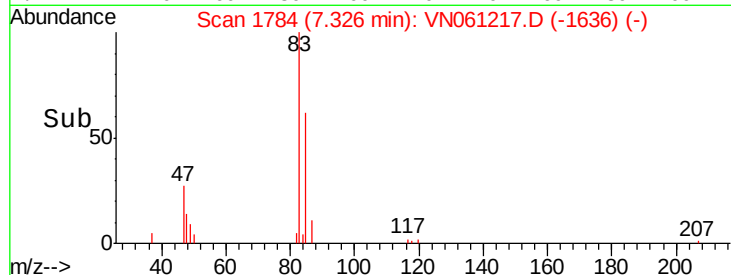
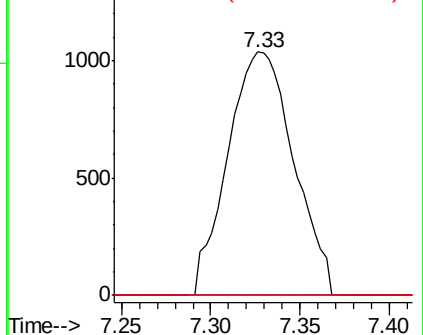
130 0.0 51.4 77.2#



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



#30

Chloroform

Concen: 10.948 ug/l

RT: 7.33 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VN061217.D

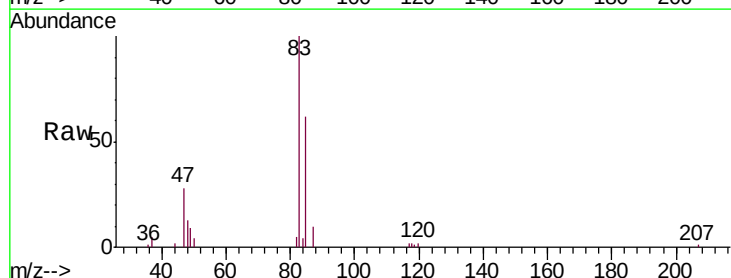
Acq: 30 Apr 2020 21:20

Tgt Ion: 83 Resp: 30208

Ion Ratio Lower Upper

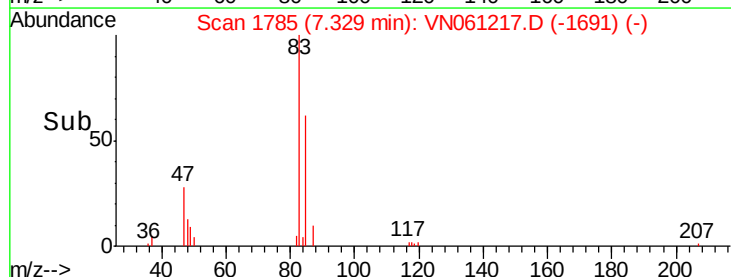
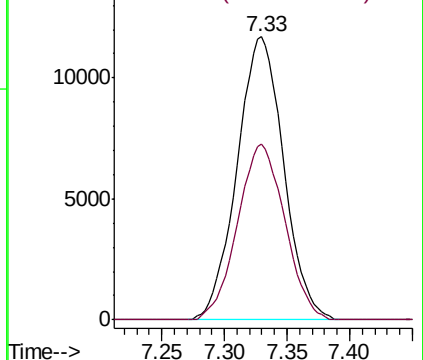
83 100

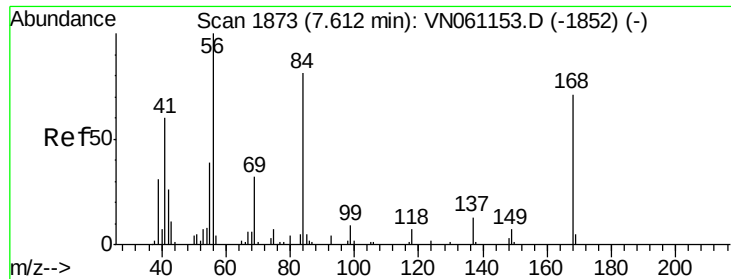
85 61.9 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

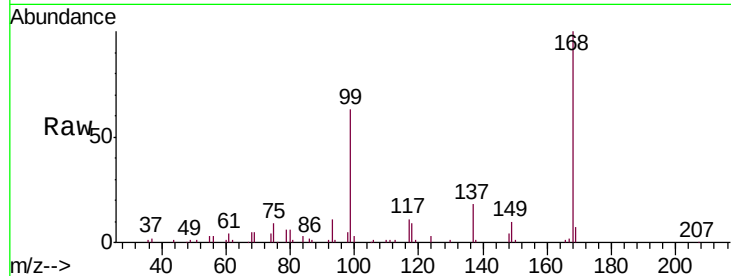




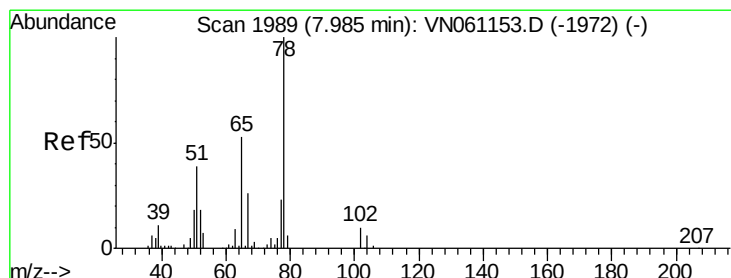
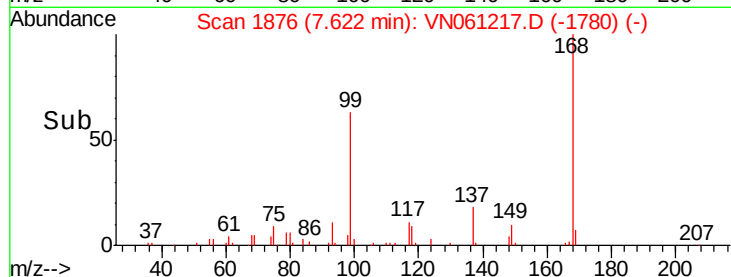
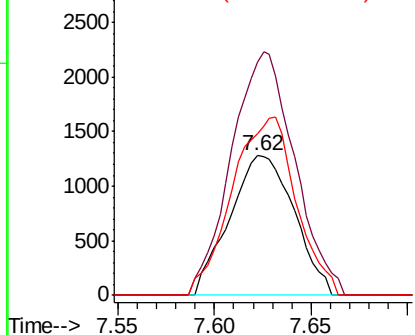
#31
Cyclohexane
Concen: 1.124 ug/l
RT: 7.62 min Scan# 1876
Delta R.T. 0.01 min
Lab File: VN061217.D
Acq: 30 Apr 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
MW-9

Tgt Ion: 56 Resp: 2971
Ion Ratio Lower Upper
56 100
69 167.1 25.7 38.5#
84 115.6 64.6 97.0#

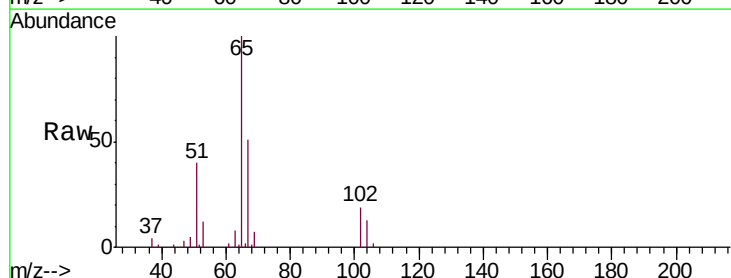


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

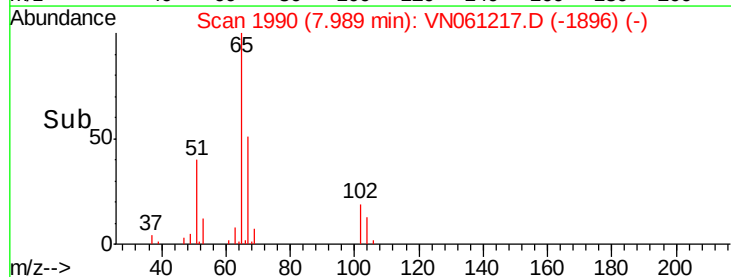
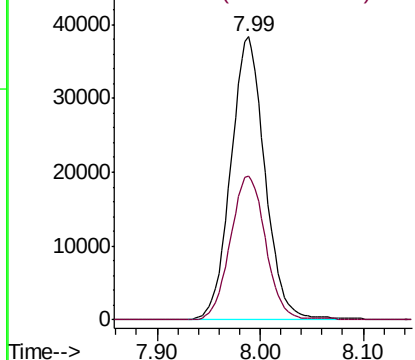


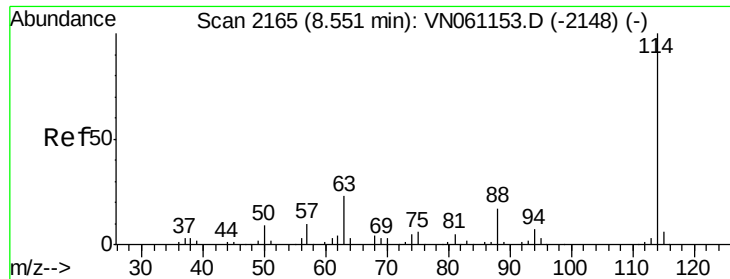
#33
1,2-Dichloroethane-d4
Concen: 48.463 ug/l
RT: 7.99 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN061217.D
Acq: 30 Apr 2020 21:20

Tgt Ion: 65 Resp: 88085
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VN061217.D

Acq: 30 Apr 2020 21:20

Instrument :

MSVOA_N

ClientSampled :

MW-9

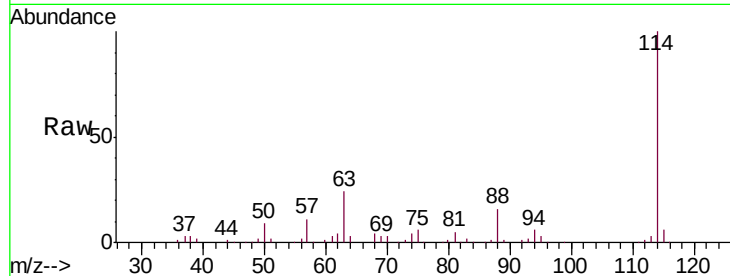
Tgt Ion:114 Resp: 206836

Ion Ratio Lower Upper

114 100

63 24.2 0.0 46.6

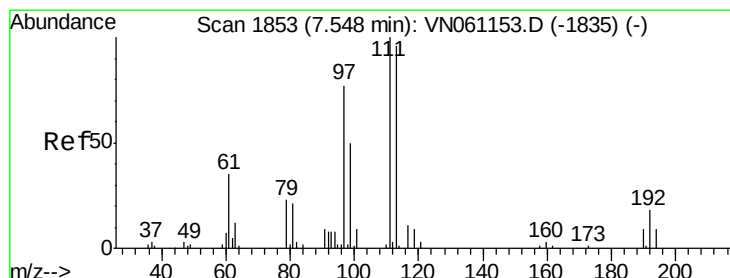
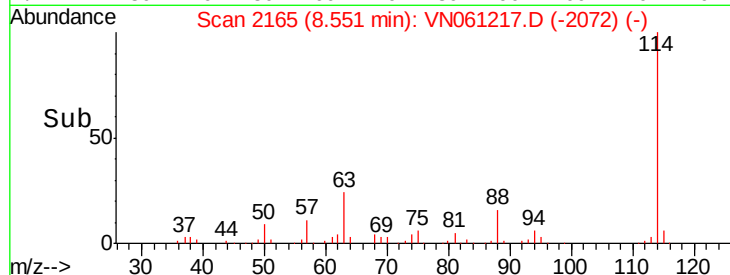
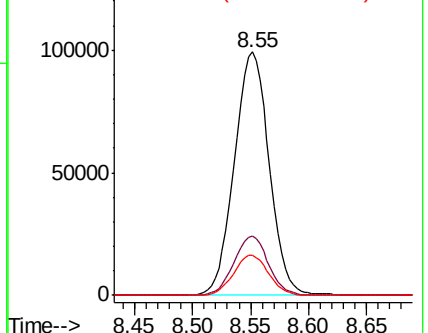
88 16.5 0.0 33.4



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: 49.991 ug/l

RT: 7.55 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VN061217.D

Acq: 30 Apr 2020 21:20

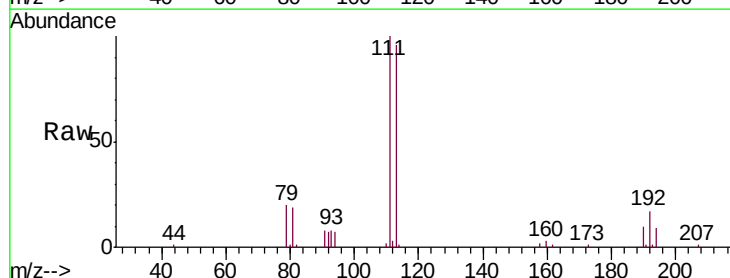
Tgt Ion:113 Resp: 61142

Ion Ratio Lower Upper

113 100

111 104.6 82.9 124.3

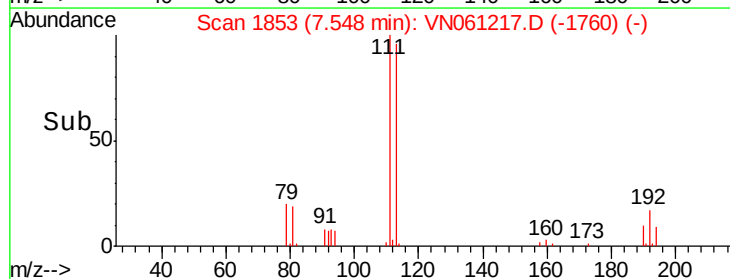
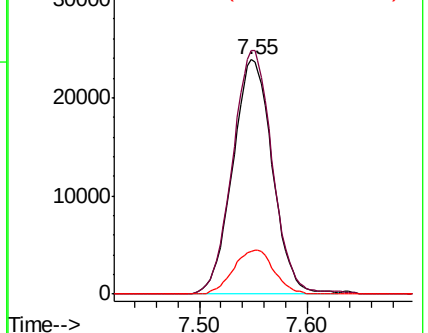
192 19.0 14.7 22.1

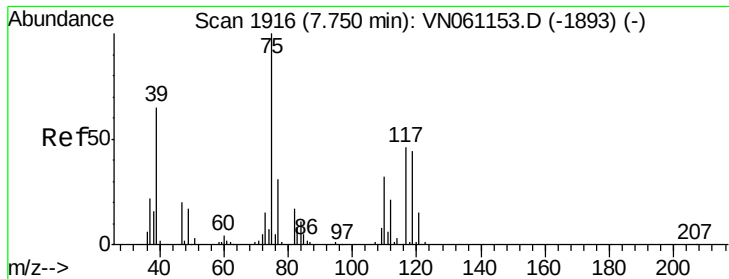


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

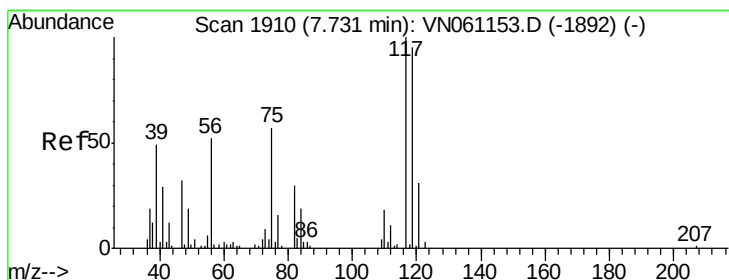
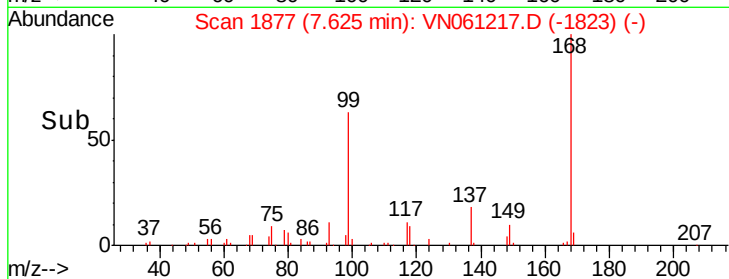
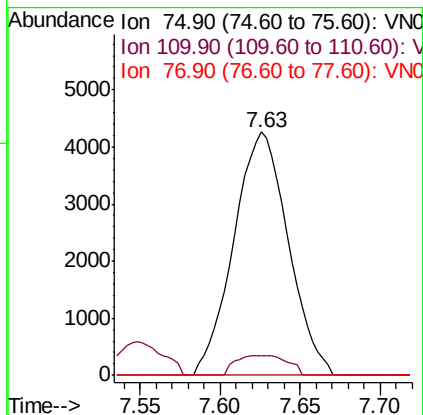
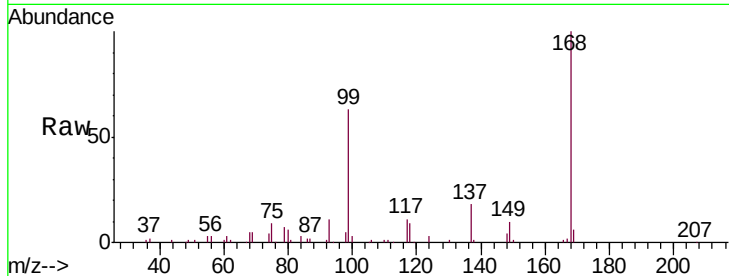




#36
 1,1-Dichloropropene
 Concen: 4.803 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.13 min
 Lab File: VN061217.D
 Acq: 30 Apr 2020 21:20

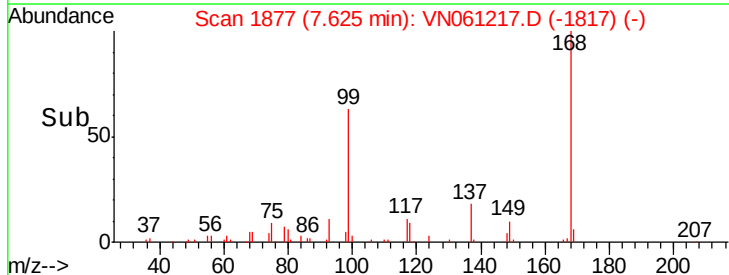
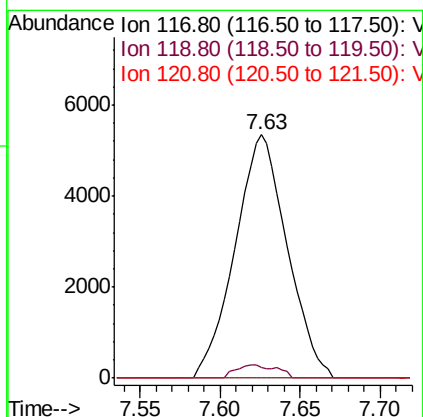
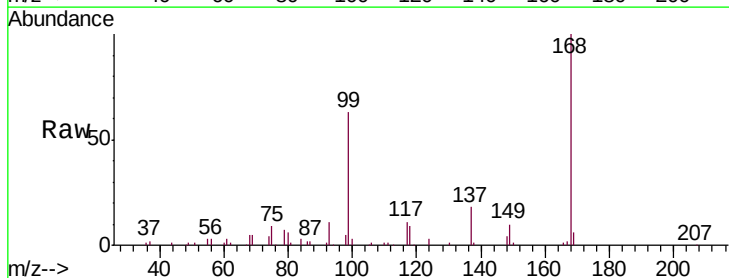
Instrument :
 MSVOA_N
 ClientSampled :
 MW-9

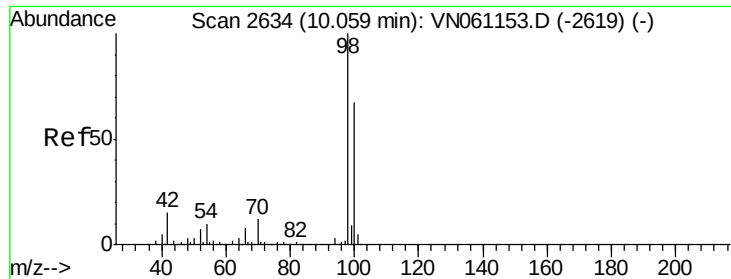
Tgt Ion: 75 Resp: 9945
 Ion Ratio Lower Upper
 75 100
 110 7.7 16.0 48.0#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 8.304 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.11 min
 Lab File: VN061217.D
 Acq: 30 Apr 2020 21:20

Tgt Ion: 117 Resp: 11913
 Ion Ratio Lower Upper
 117 100
 119 4.4 75.8 113.6#
 121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 51.380 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061217.D

Acq: 30 Apr 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

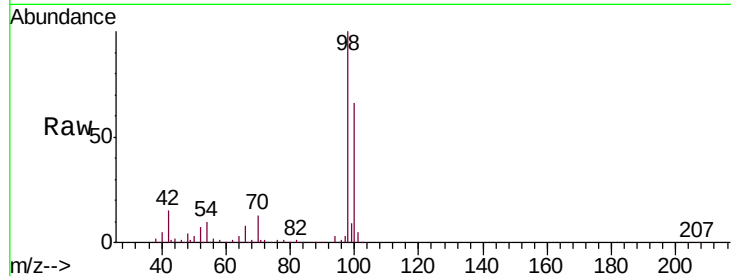
MW-9

Tgt Ion: 98 Resp: 256172

Ion Ratio Lower Upper

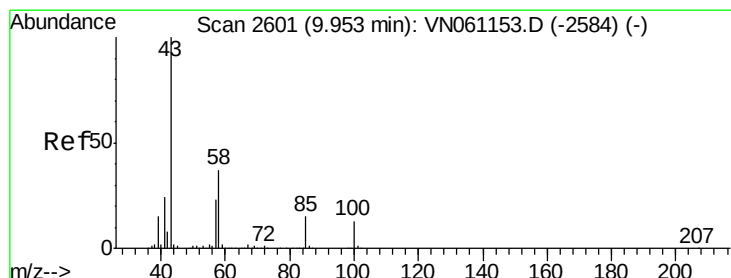
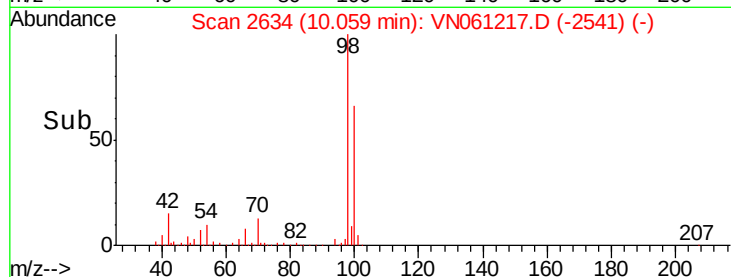
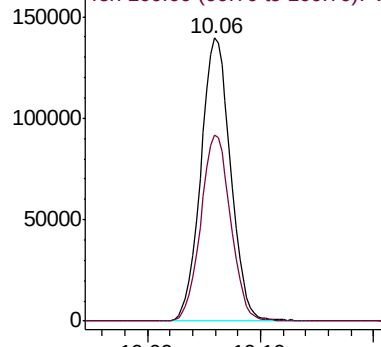
98 100

100 66.0 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 0.610 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.11 min

Lab File: VN061217.D

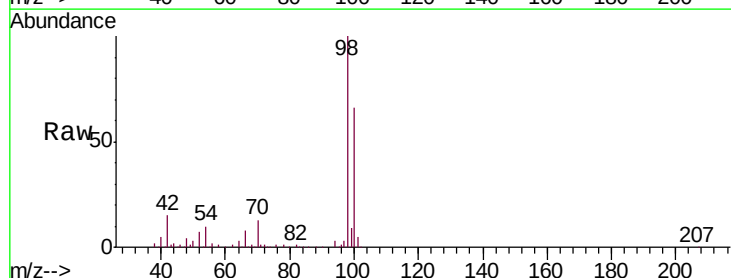
Acq: 30 Apr 2020 21:20

Tgt Ion: 43 Resp: 1447

Ion Ratio Lower Upper

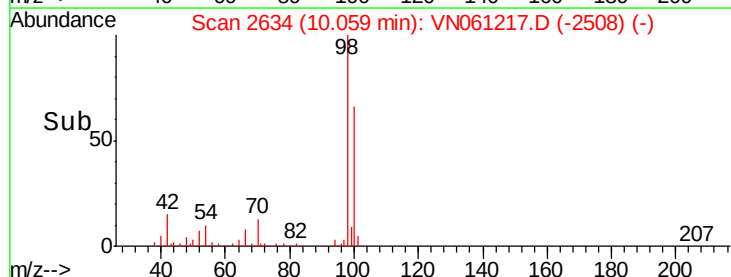
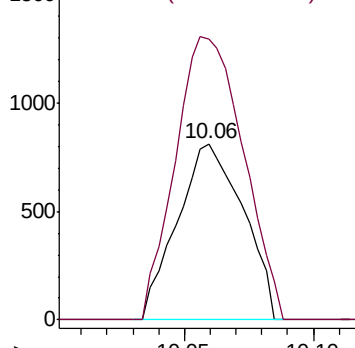
43 100

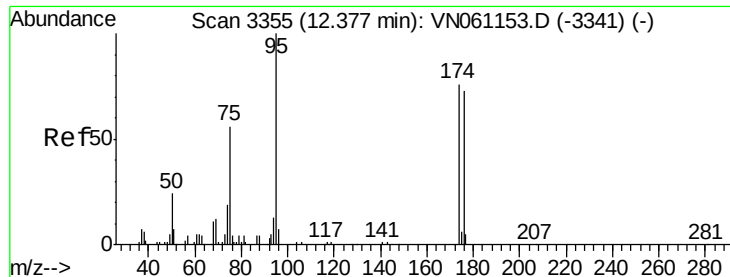
58 165.9 29.1 43.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

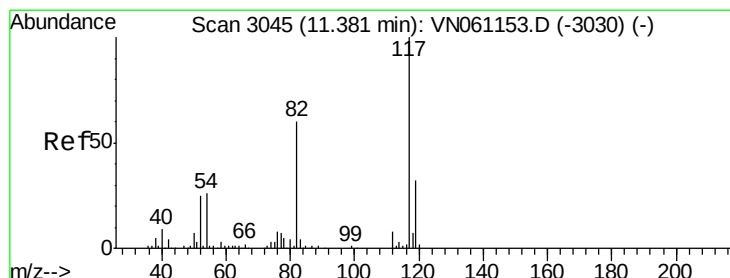
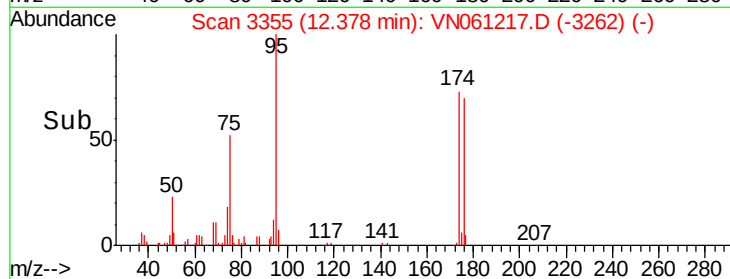
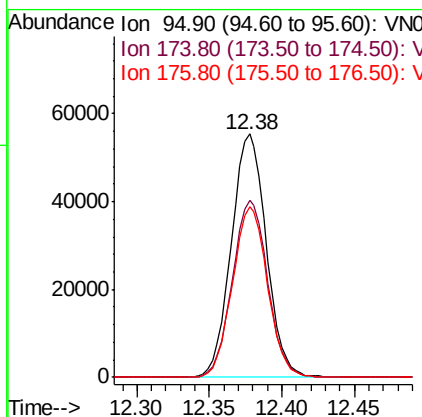
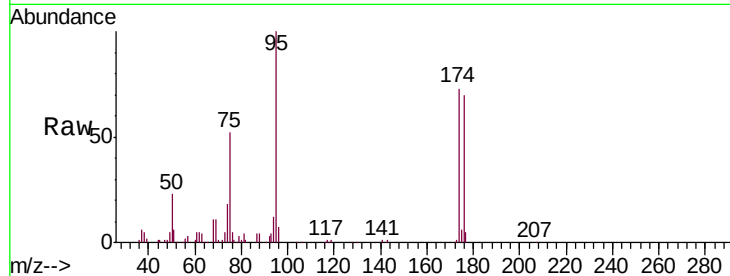




#62
 4-Bromofluorobenzene
 Concen: 49.328 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN061217.D
 Acq: 30 Apr 2020 21:20

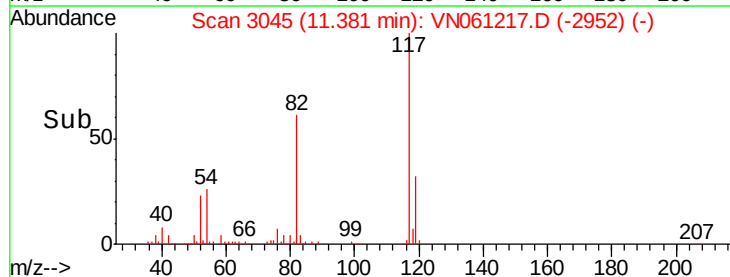
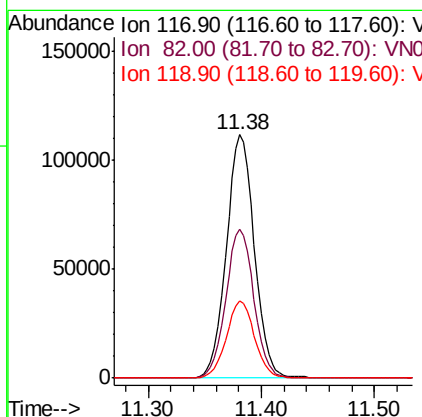
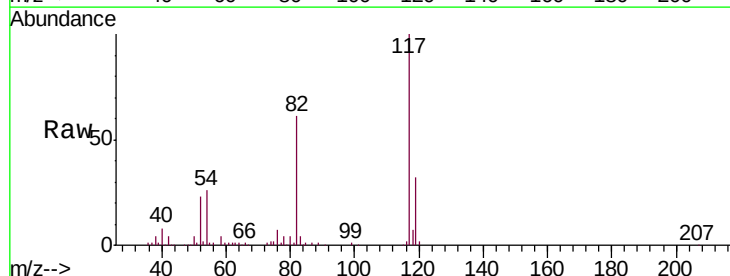
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-9

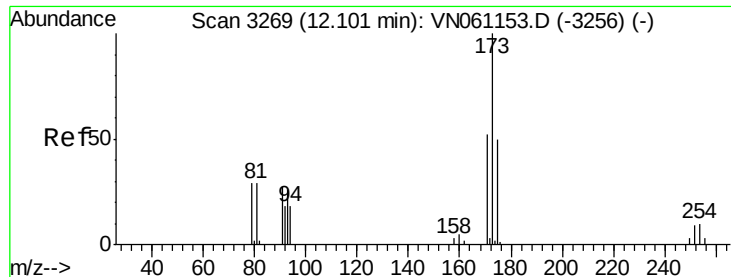
Tgt Ion	Resp	Lower	Upper
95	100		
174	73.7	0.0	149.4
176	70.5	0.0	144.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 3045
 Delta R.T. 0.00 min
 Lab File: VN061217.D
 Acq: 30 Apr 2020 21:20

Tgt Ion	Ratio	Lower	Upper
117	100		
82	60.9	47.8	71.8
119	31.6	25.8	38.6





#71

Bromoform

Concen: 0.504 ug/l

RT: 12.37 min Scan# 3354

Delta R.T. 0.27 min

Lab File: VN061217.D

Acq: 30 Apr 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

MW-9

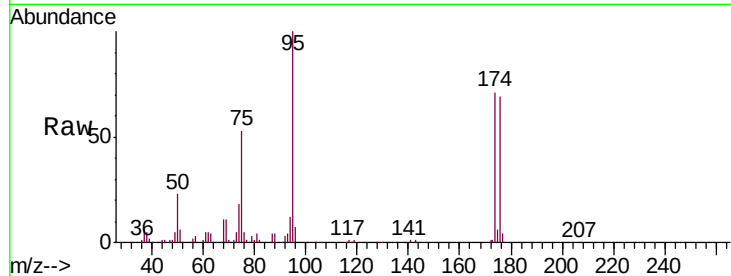
Tgt Ion:173 Resp: 506

Ion Ratio Lower Upper

173 100

175 858.7 24.1 72.4#

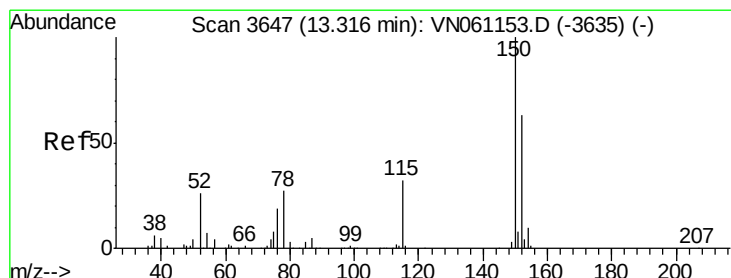
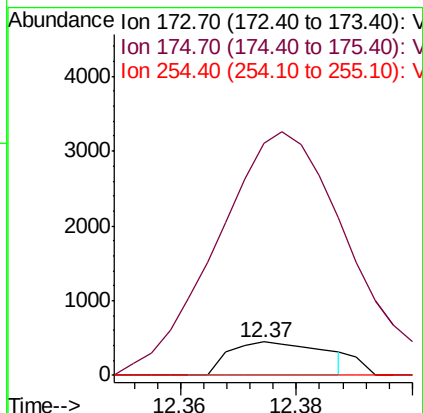
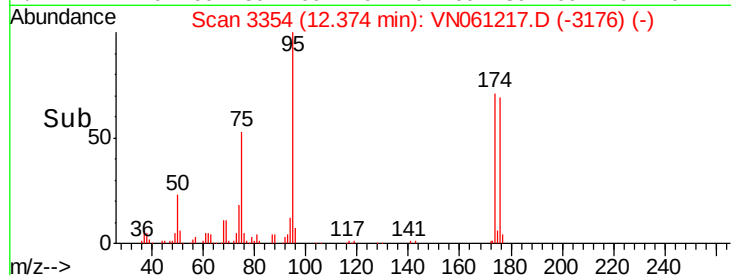
254 0.0 0.0 0.0



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# 3648

Delta R.T. 0.00 min

Lab File: VN061217.D

Acq: 30 Apr 2020 21:20

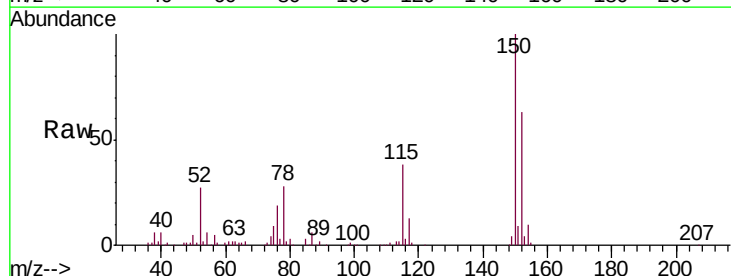
Tgt Ion:152 Resp: 84467

Ion Ratio Lower Upper

152 100

115 61.2 31.0 93.0

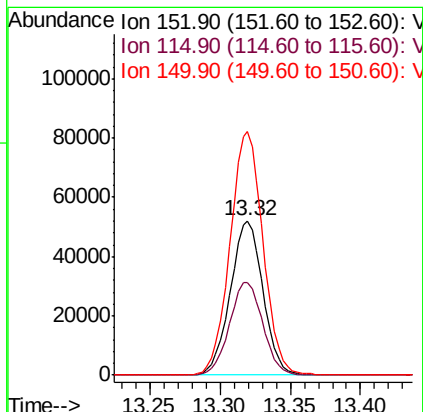
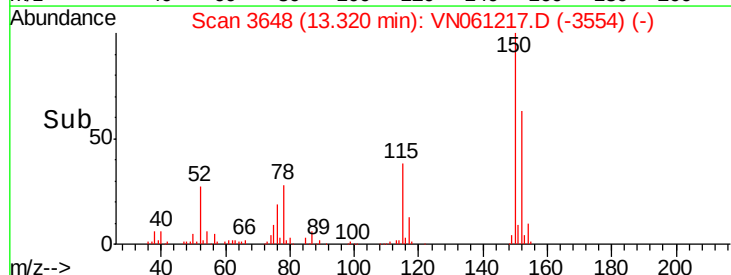
150 158.9 0.0 351.8

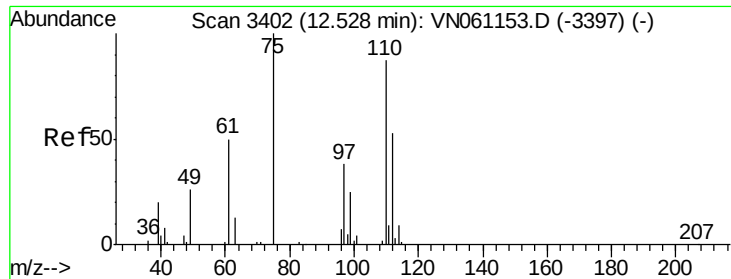


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 27.401 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. -0.15 min

Lab File: VN061217.D

Acq: 30 Apr 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

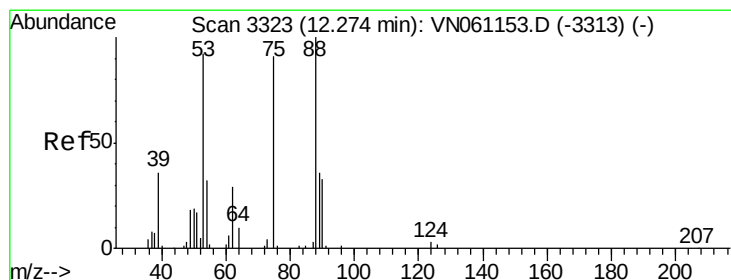
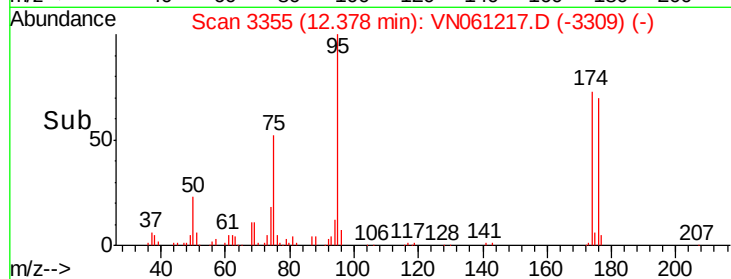
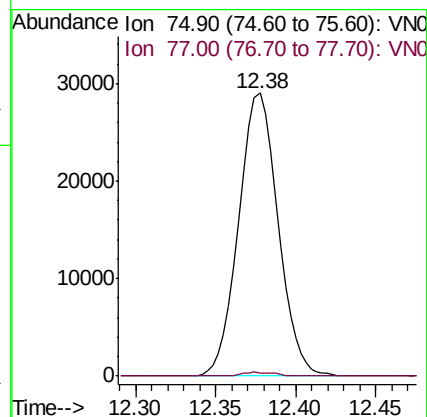
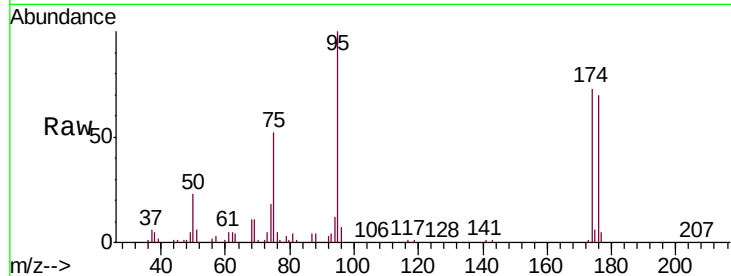
MW-9

Tgt Ion: 75 Resp: 48795

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.584 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.10 min

Lab File: VN061217.D

Acq: 30 Apr 2020 21:20

Tgt Ion: 75 Resp: 48795

Ion Ratio Lower Upper

75 100

53 0.0 84.1 126.1#

89 0.0 35.2 52.8#

