

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081418\
 Data File : VN050633.D
 Acq On : 15 Aug 2018 4:45
 Operator : MD\SY
 Sample : J4465-15
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 952-MW-19(28)

Quant Time: Aug 15 07:30:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

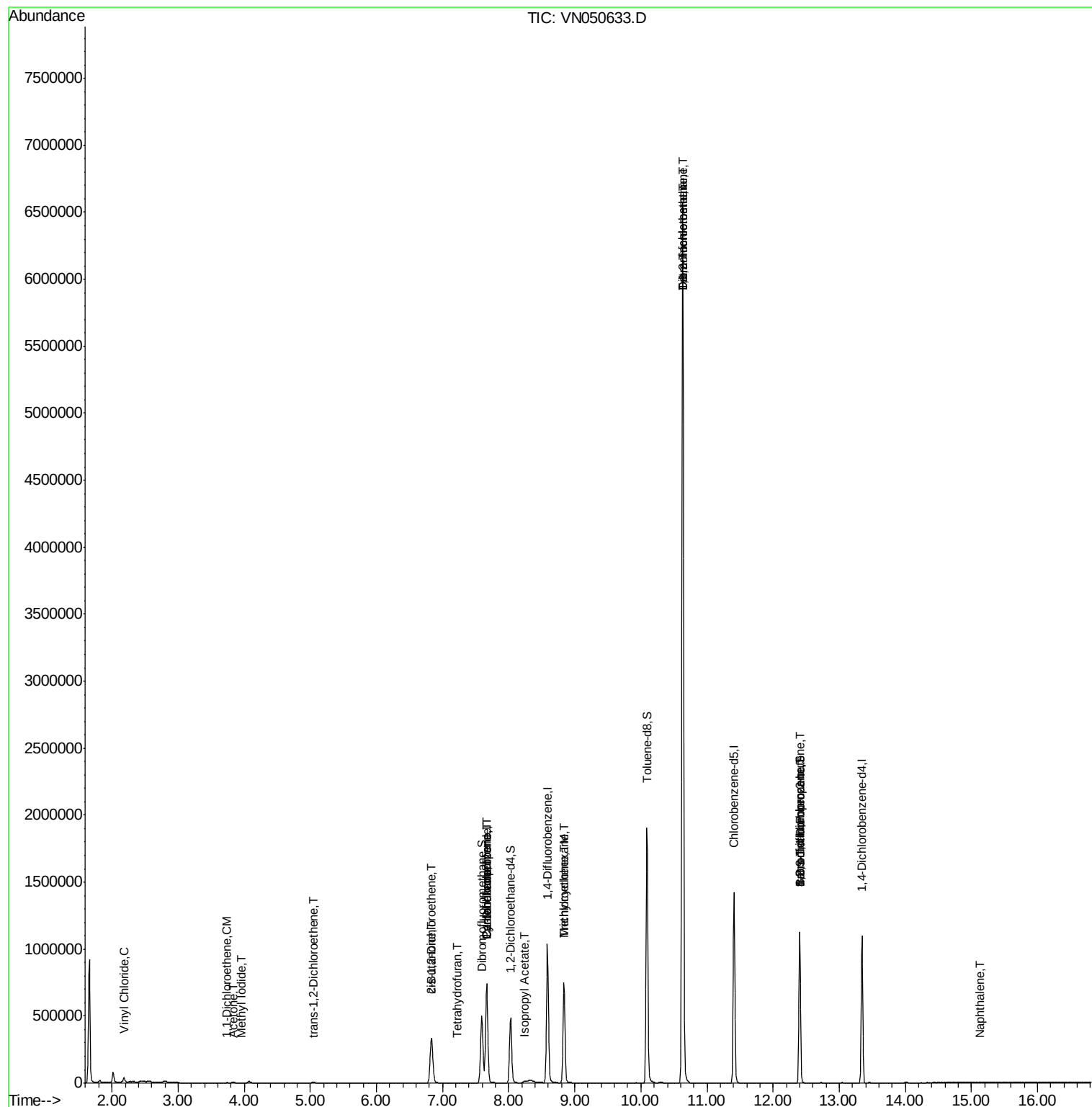
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	637237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	977089	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	875334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	304706	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	410856	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
35) Dibromofluoromethane	7.59	113	389533	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
50) Toluene-d8	10.09	98	1389122	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	
62) 4-Bromofluorobenzene	12.40	95	380690	39.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.50%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.06	50	3155	Below Cal	#	84
4) Vinyl Chloride	2.18	62	15608	1.635	ug/l	97
5) Bromomethane	2.57	94	3973	Below Cal		95
6) Chloroethane	2.69	64	182	Below Cal	#	43
10) Methyl Iodide	3.95	142	677	7.057	ug/l #	66
12) 1,1-Dichloroethene	3.73	96	1616	0.234	ug/l	89
16) Acetone	3.83	43	10397	3.756	ug/l	99
18) Methyl Acetate	4.33	43	2626	Below Cal		99
20) Methylene Chloride	4.54	84	417	Below Cal	#	86
21) trans-1,2-Dichloroethene	5.05	96	5123	0.683	ug/l	89
25) 2-Butanone	6.83	43	797	0.242	ug/l #	1
27) cis-1,2-Dichloroethene	6.83	96	231895	27.781	ug/l	92
29) Tetrahydrofuran	7.22	42	810	0.471	ug/l #	53
31) Cyclohexane	7.67	56	12080	0.651	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	44074	4.052	ug/l #	48
38) Carbon Tetrachloride	7.67	117	56601	5.016	ug/l #	18
39) Methylcyclohexane	8.83	83	3606	0.320	ug/l #	1
43) Isopropyl Acetate	8.23	43	4360	0.389	ug/l #	60
44) Trichloroethene	8.84	130	295283	33.315	ug/l	100
55) 1,1,2-Trichloroethane	10.63	97	11899	1.612	ug/l #	1
60) Dibromochloromethane	10.63	129	1455530	178.686	ug/l #	10
64) Tetrachloroethene	10.63	164	1633439	200.937	ug/l	98
71) Bromoform	12.40	173	3400	0.628	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.40	83	170	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	181140	36.517	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	181140	132.164	ug/l #	13
95) Naphthalene	15.13	128	98	3.869	ug/l #	69

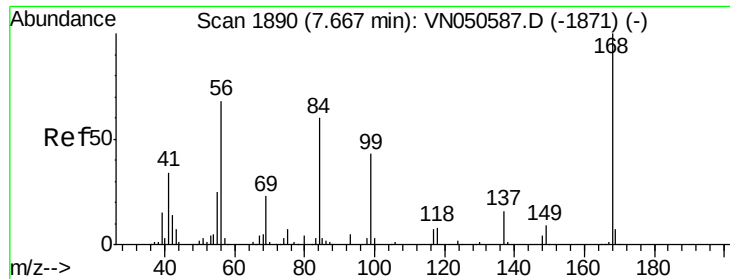
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050633.D

Acq: 15 Aug 2018 4:45

Instrument :

MSVOA_N

ClientSampleId :

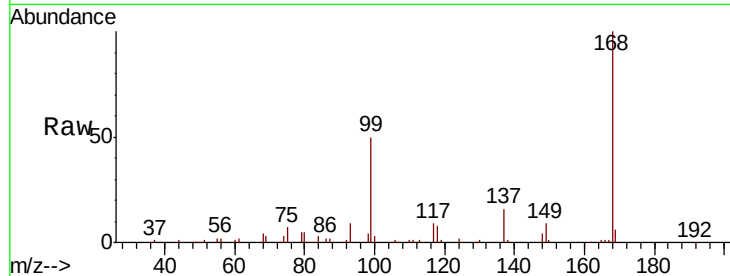
952-MW-19(28)

Tgt Ion:168 Resp: 637237

Ion Ratio Lower Upper

168 100

99 49.7 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

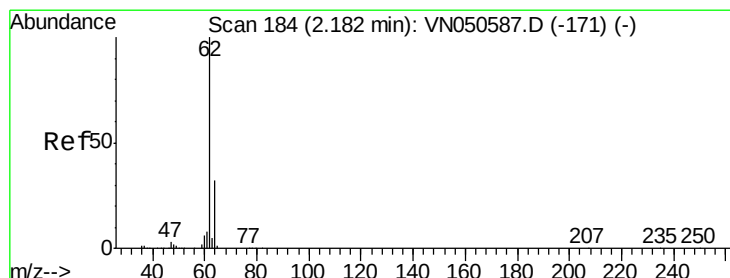
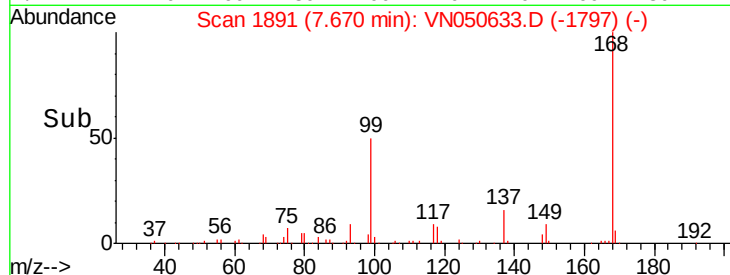
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 1.635 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN050633.D

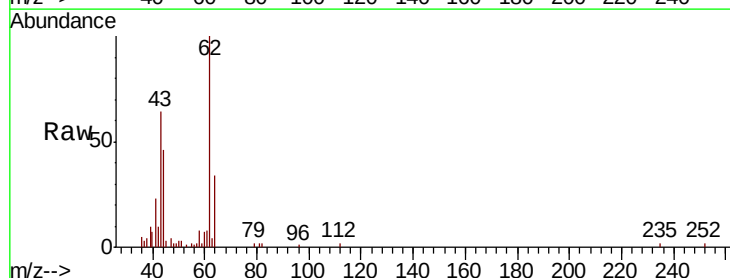
Acq: 15 Aug 2018 4:45

Tgt Ion: 62 Resp: 15608

Ion Ratio Lower Upper

62 100

64 33.0 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.18

12000

10000

8000

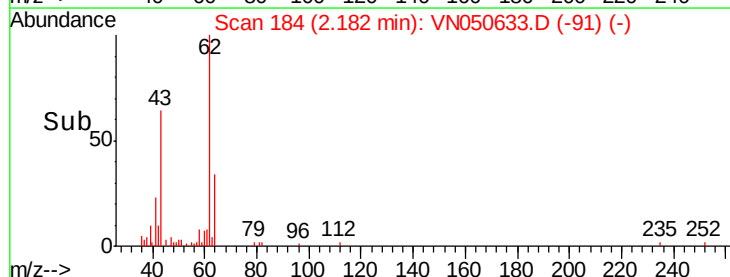
6000

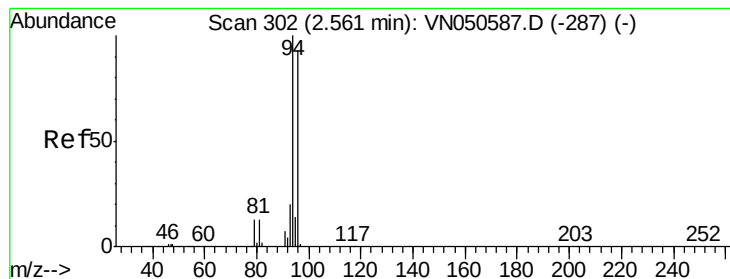
4000

2000

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 304

Delta R.T. 0.01 min

Lab File: VN050633.D

Acq: 15 Aug 2018 4:45

Instrument :

MSVOA_N

ClientSampleId :

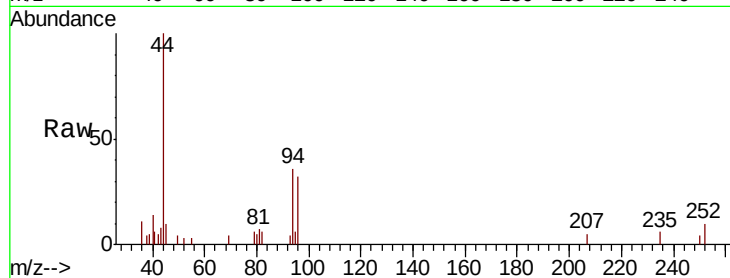
952-MW-19(28)

Tgt Ion: 94 Resp: 3973

Ion Ratio Lower Upper

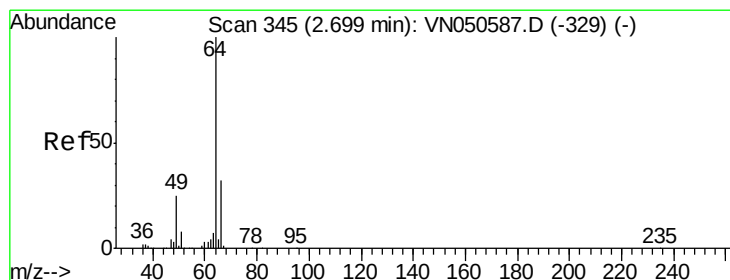
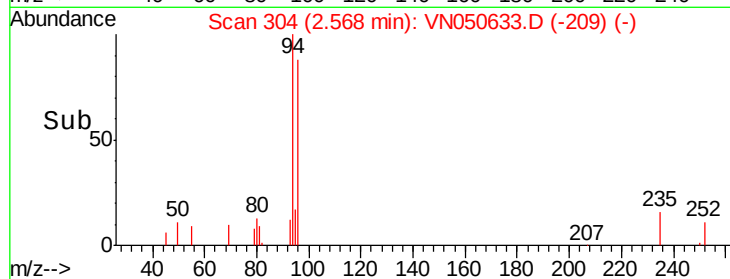
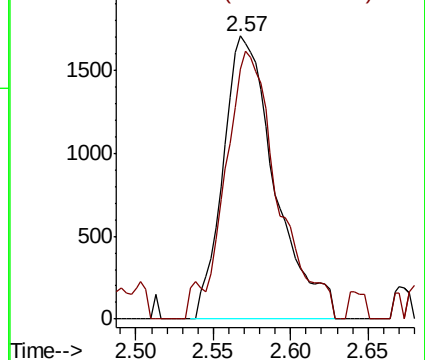
94 100

96 88.2 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: Below Cal

RT: 2.69 min Scan# 343

Delta R.T. -0.01 min

Lab File: VN050633.D

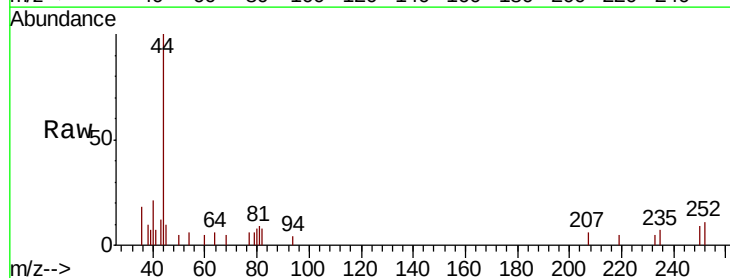
Acq: 15 Aug 2018 4:45

Tgt Ion: 64 Resp: 182

Ion Ratio Lower Upper

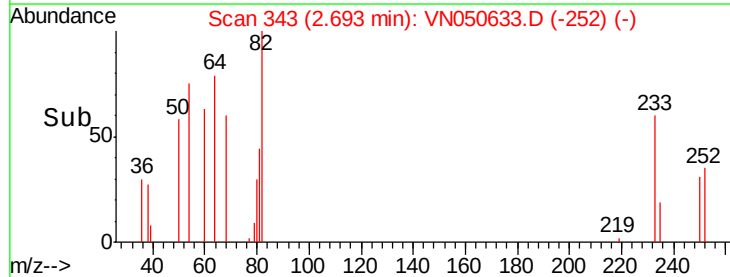
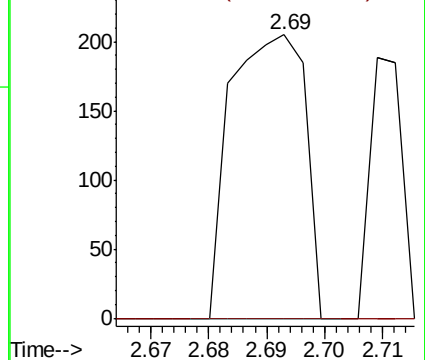
64 100

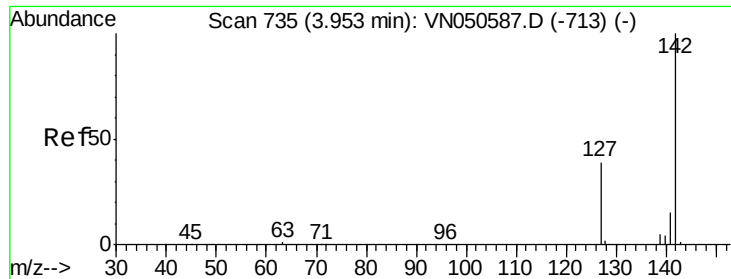
66 0.0 25.7 38.5#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

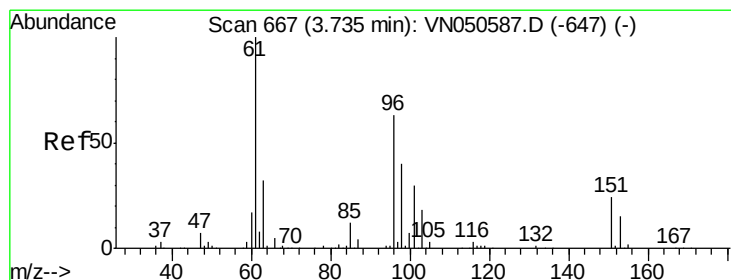
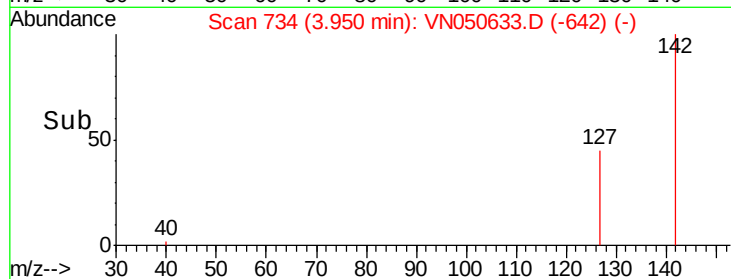
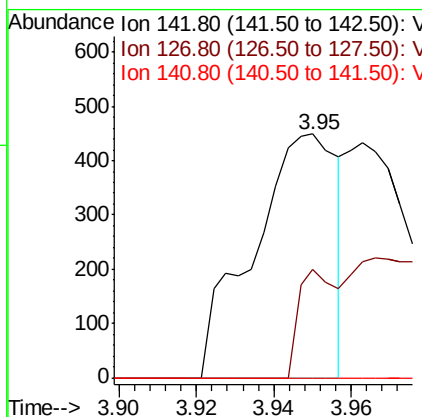
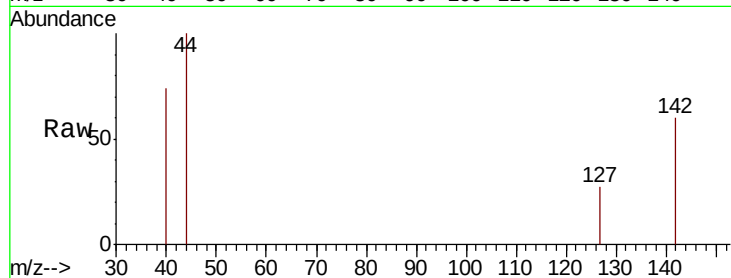




#10
Methyl Iodide
Concen: 7.057 ug/l
RT: 3.95 min Scan# 734
Delta R.T. -0.00 min
Lab File: VN050633.D
Acq: 15 Aug 2018 4:45

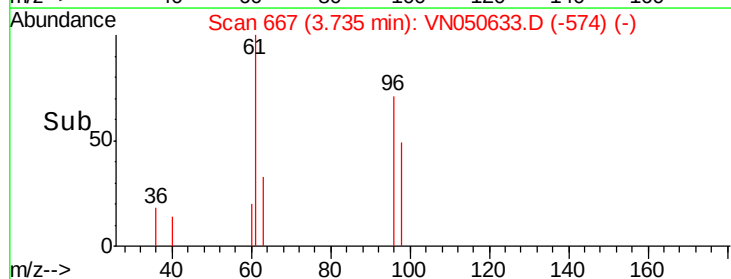
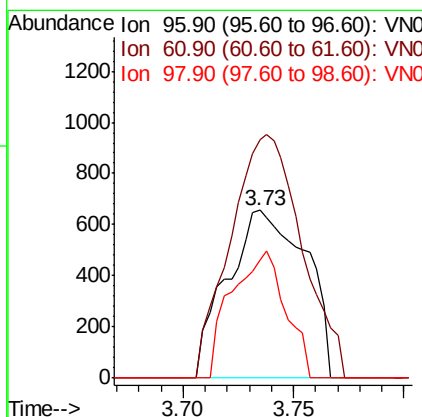
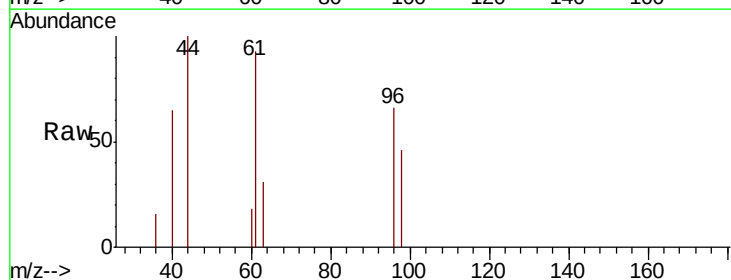
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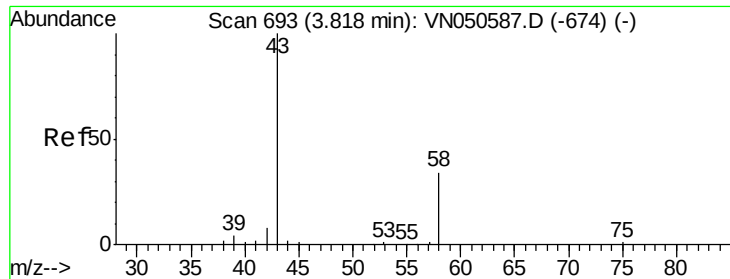
Tgt Ion: 142 Resp: 677
Ion Ratio Lower Upper
142 100
127 20.2 32.6 49.0#
141 0.0 11.5 17.3#



#12
1,1-Dichloroethene
Concen: 0.234 ug/l
RT: 3.73 min Scan# 667
Delta R.T. 0.00 min
Lab File: VN050633.D
Acq: 15 Aug 2018 4:45

Tgt Ion: 96 Resp: 1616
Ion Ratio Lower Upper
96 100
61 141.7 126.9 190.3
98 70.0 51.1 76.7

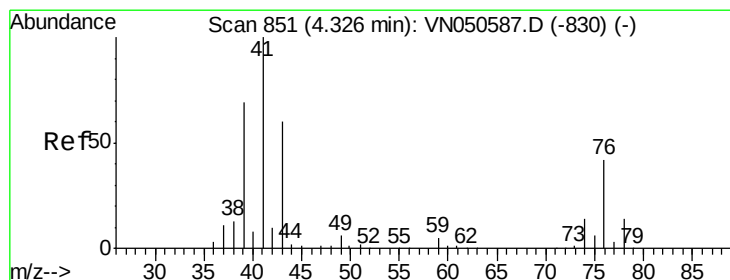
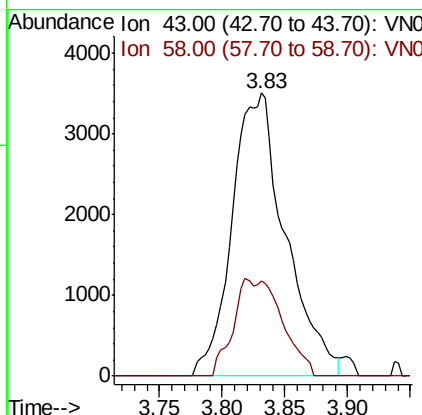
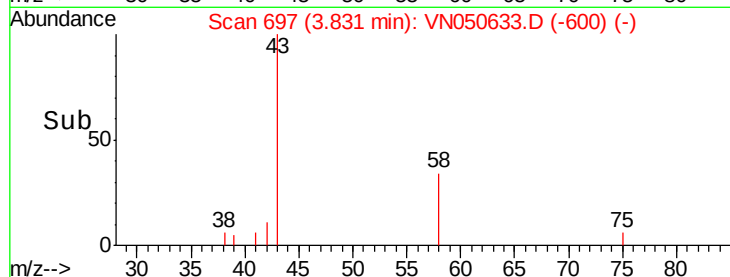
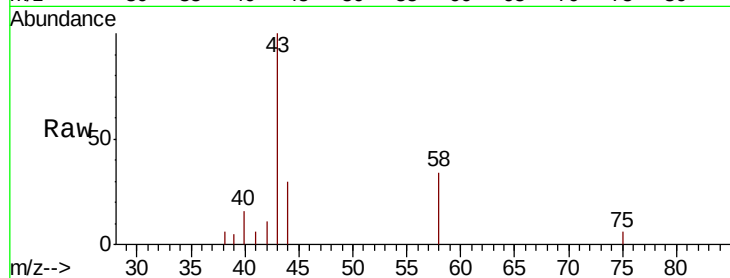




#16
Acetone
Concen: 3.756 ug/l
RT: 3.83 min Scan# 697
Delta R.T. 0.01 min
Lab File: VN050633.D
Acq: 15 Aug 2018 4:45

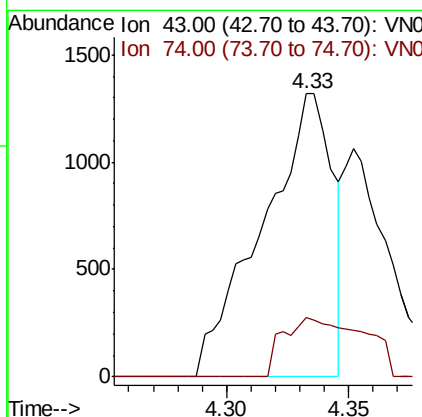
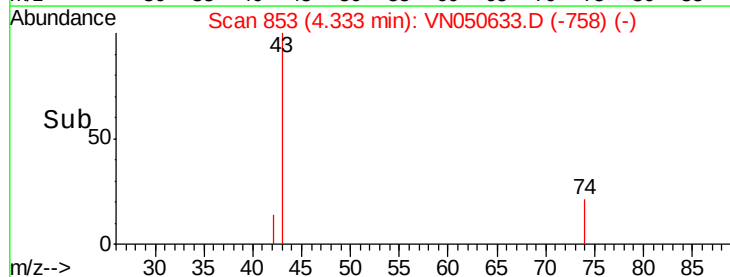
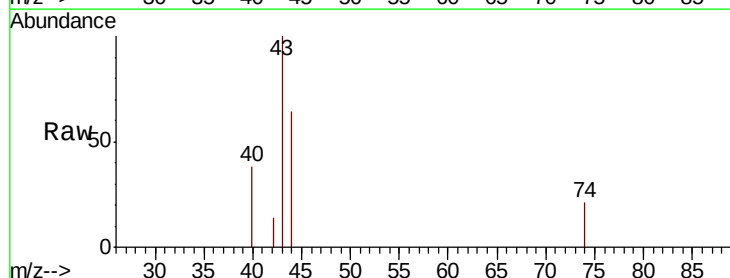
Instrument :
MSVOA_N
ClientSampleId :
952-MW-19(28)

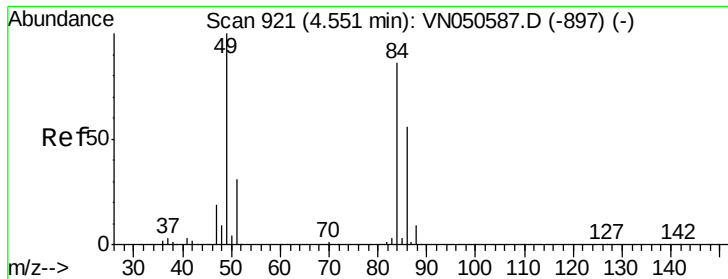
Tgt Ion: 43 Resp: 10397
Ion Ratio Lower Upper
43 100
58 33.6 27.1 40.7



#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN050633.D
Acq: 15 Aug 2018 4:45

Tgt Ion: 43 Resp: 2626
Ion Ratio Lower Upper
43 100
74 24.3 19.7 29.5

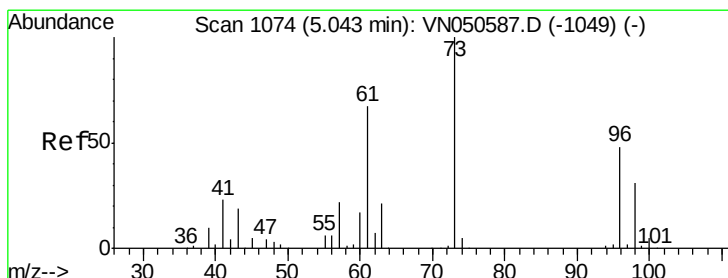
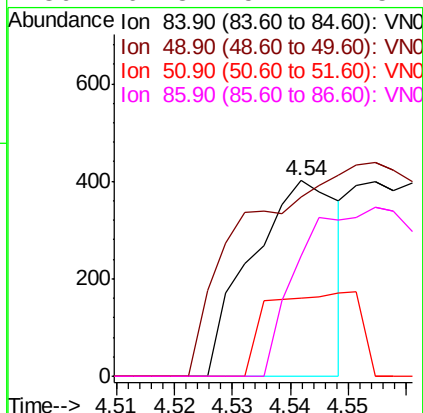
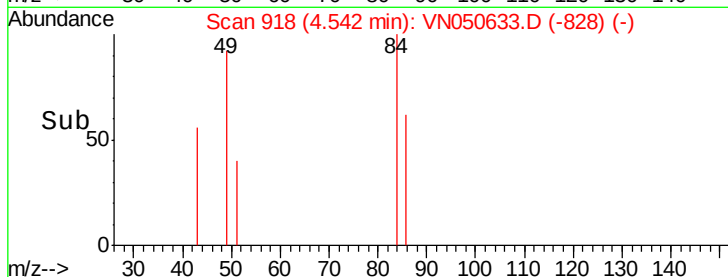
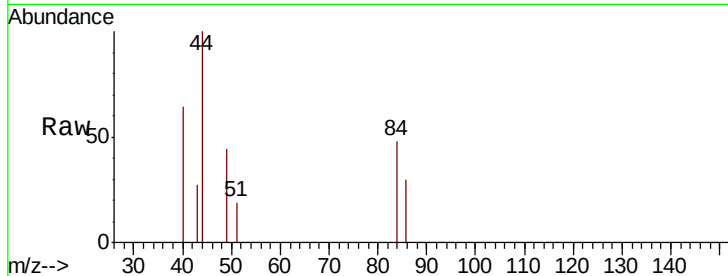




#20
Methylene Chloride
Concen: Below Cal
RT: 4.54 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN050633.D
Acq: 15 Aug 2018 4:45

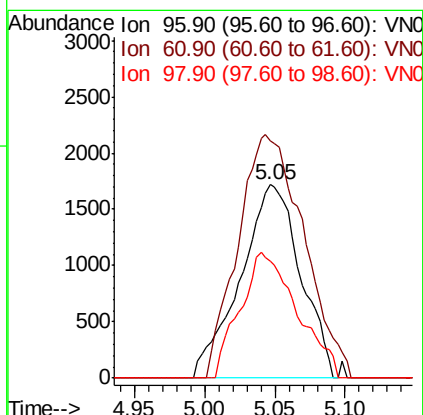
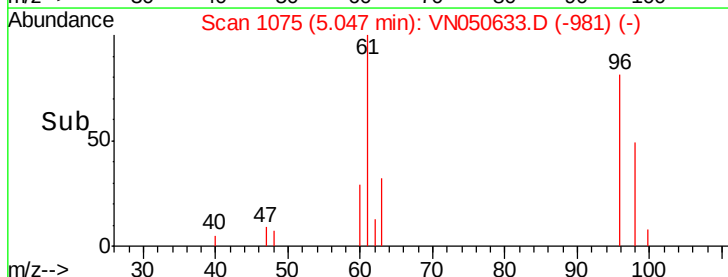
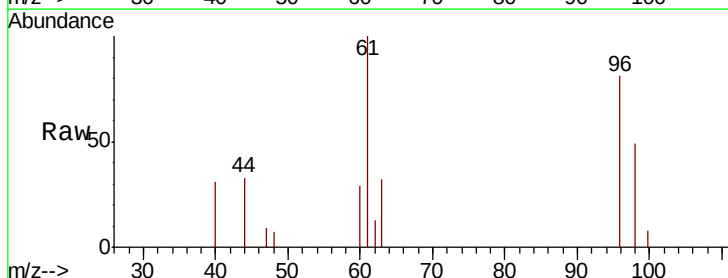
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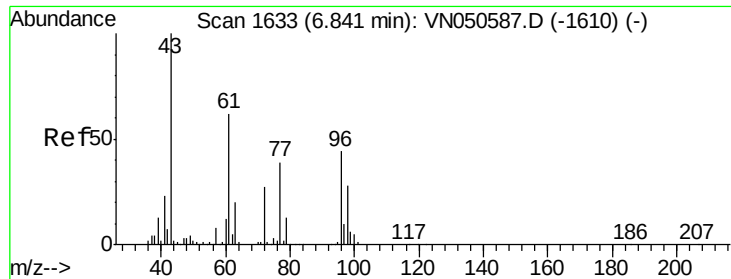
Tgt Ion: 84 Resp: 417
Ion Ratio Lower Upper
84 100
49 91.8 92.6 138.8#
51 39.9 28.6 43.0
86 61.8 52.2 78.2



#21
trans-1,2-Dichloroethene
Concen: 0.683 ug/l
RT: 5.05 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VN050633.D
Acq: 15 Aug 2018 4:45

Tgt Ion: 96 Resp: 5123
Ion Ratio Lower Upper
96 100
61 122.8 111.2 166.8
98 60.6 51.6 77.4





#25

2-Butanone

Concen: 0.242 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. -0.01 min

Lab File: VN050633.D

Acq: 15 Aug 2018 4:45

Instrument :

MSVOA_N

ClientSampleId :

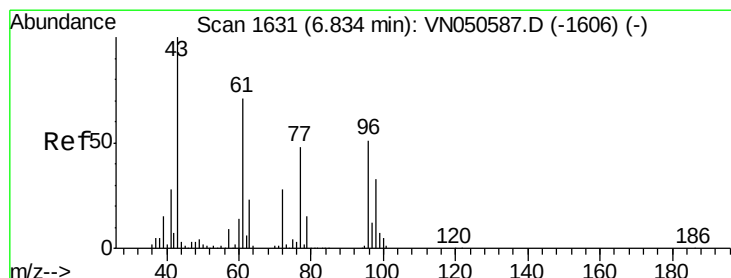
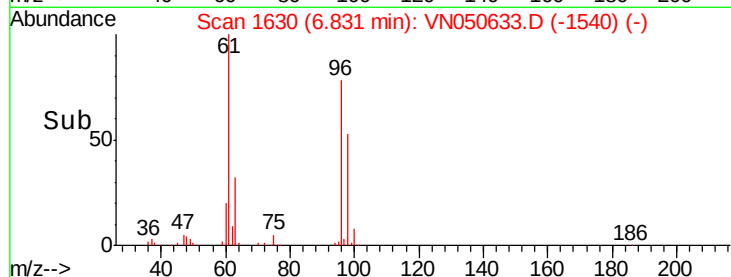
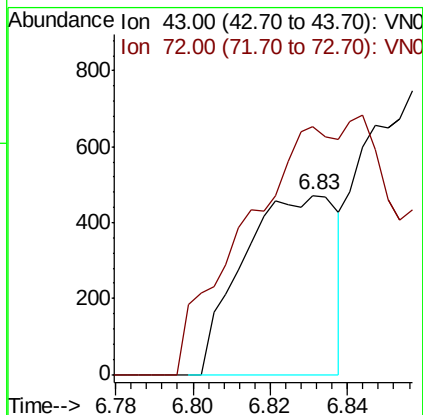
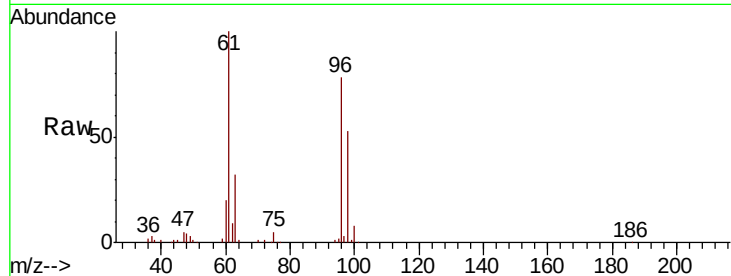
952-MW-19(28)

Tgt Ion: 43 Resp: 797

Ion Ratio Lower Upper

43 100

72 99.2 21.8 32.6#



#27

cis-1,2-Dichloroethene

Concen: 27.781 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VN050633.D

Acq: 15 Aug 2018 4:45

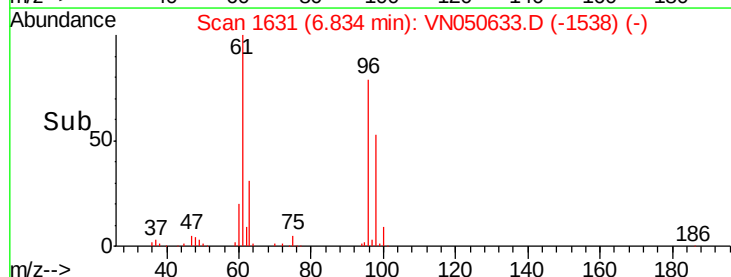
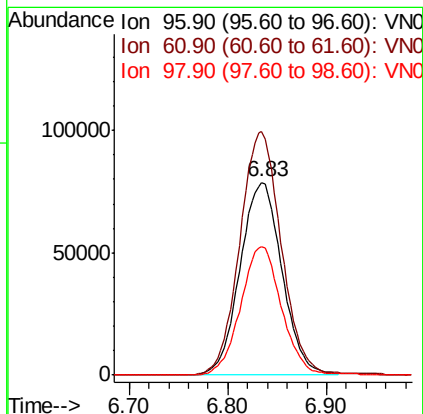
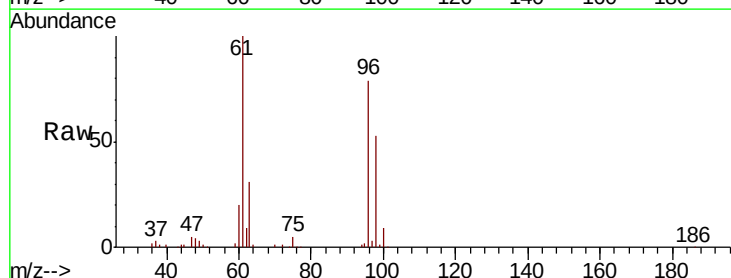
Tgt Ion: 96 Resp: 231895

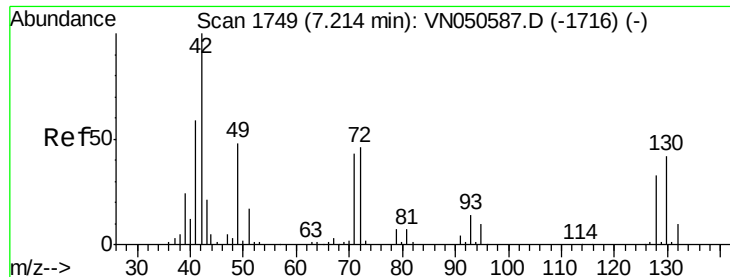
Ion Ratio Lower Upper

96 100

61 124.9 0.0 278.2

98 64.9 0.0 128.8





#29

Tetrahydrofuran

Concen: 0.471 ug/l

RT: 7.22 min Scan# 1752

Delta R.T. 0.01 min

Lab File: VN050633.D

Acq: 15 Aug 2018 4:45

Instrument :

MSVOA_N

ClientSampleId :

952-MW-19(28)

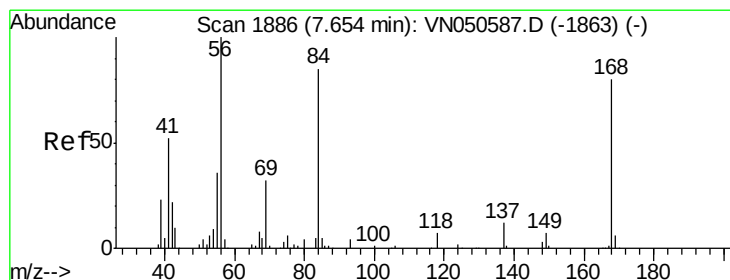
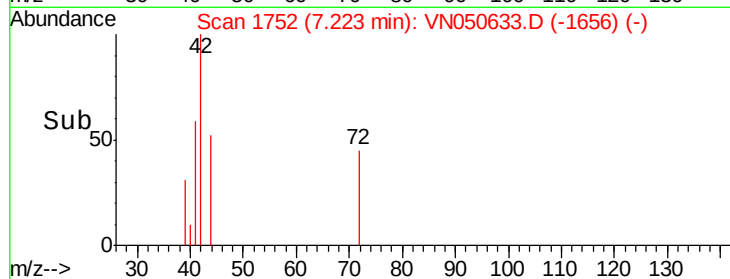
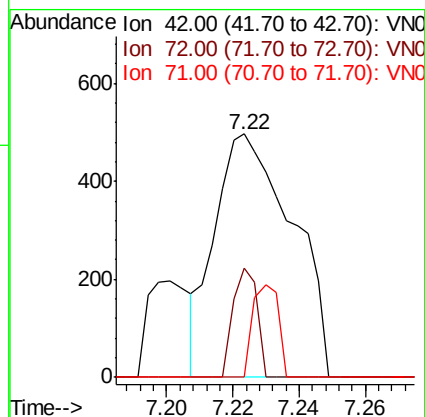
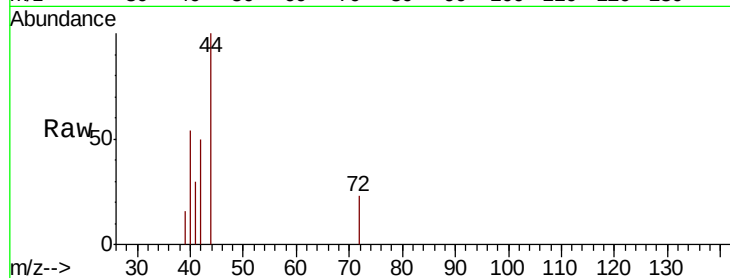
Tgt Ion: 42 Resp: 810

Ion Ratio Lower Upper

42 100

72 13.7 35.8 53.6#

71 12.5 33.4 50.0#



#31

Cyclohexane

Concen: 0.651 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050633.D

Acq: 15 Aug 2018 4:45

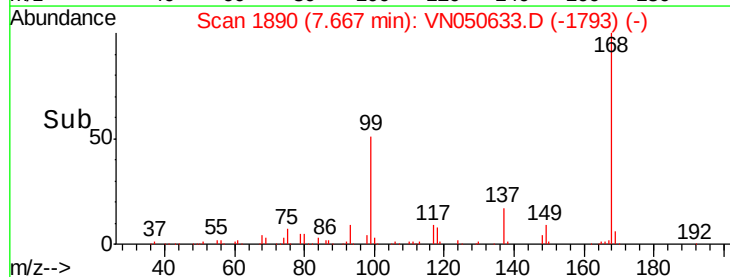
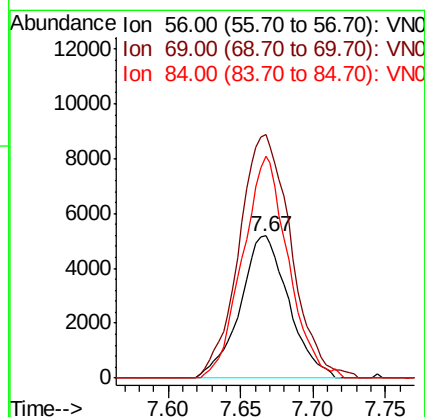
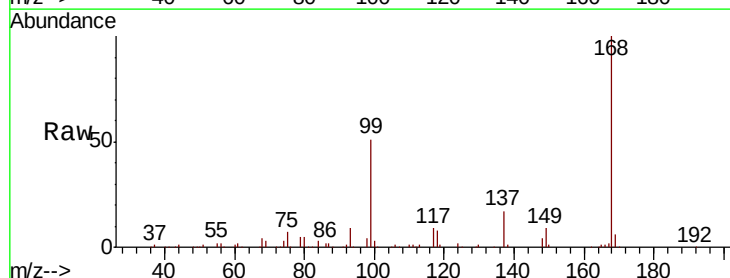
Tgt Ion: 56 Resp: 12080

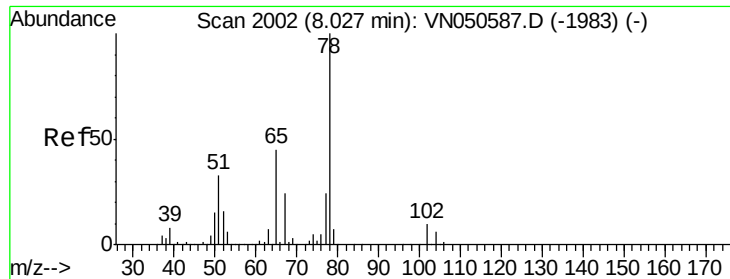
Ion Ratio Lower Upper

56 100

69 171.4 25.8 38.6#

84 156.1 67.8 101.6#

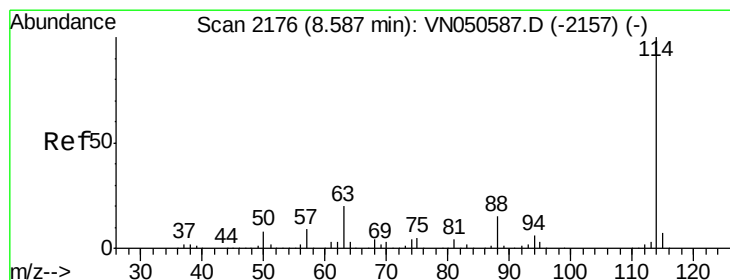
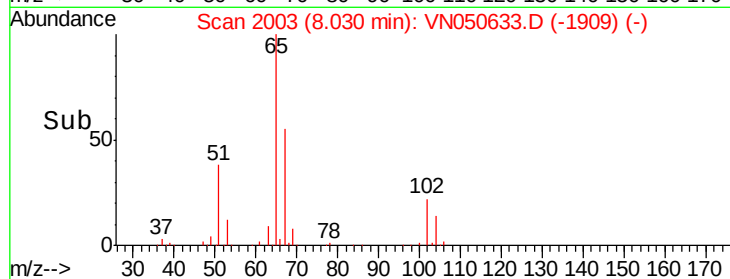
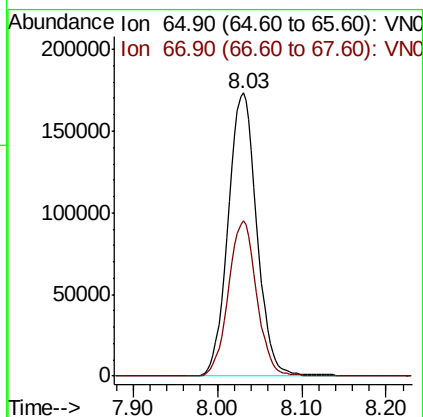
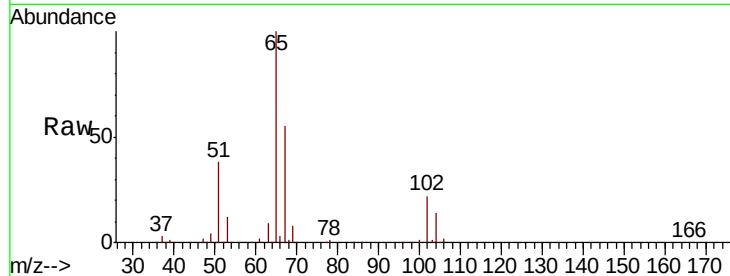




#33
 1,2-Dichloroethane-d4
 Concen: 51.150 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050633.D
 Acq: 15 Aug 2018 4:45

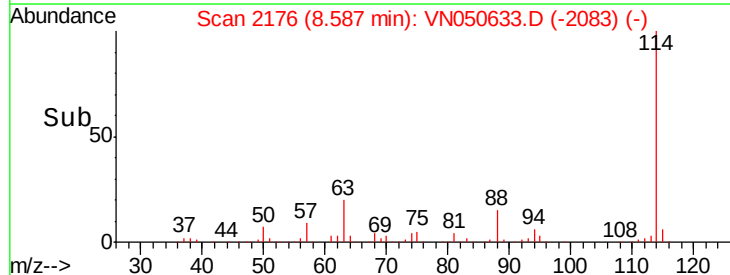
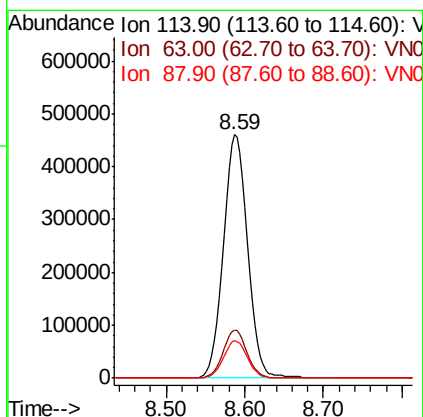
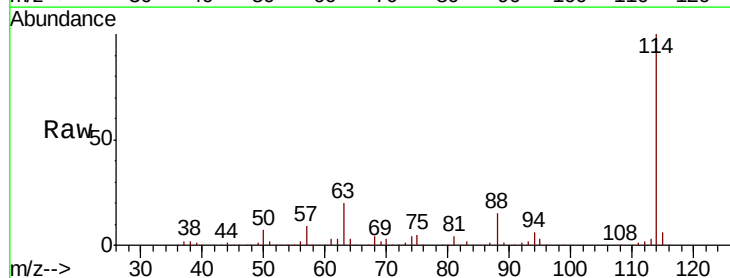
Instrument :
 MSVOA_N
 ClientSampleId :
 952-MW-19(28)

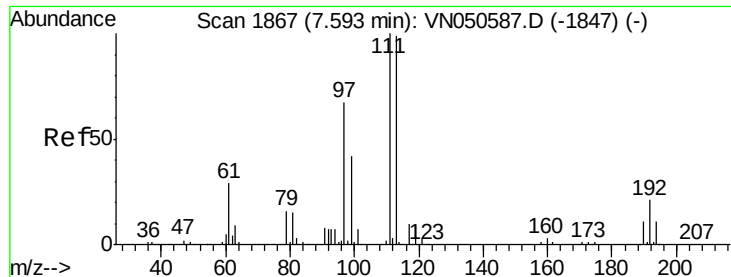
Tgt Ion: 65 Resp: 410856
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050633.D
 Acq: 15 Aug 2018 4:45

Tgt Ion: 114 Resp: 977089
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.3 0.0 30.8

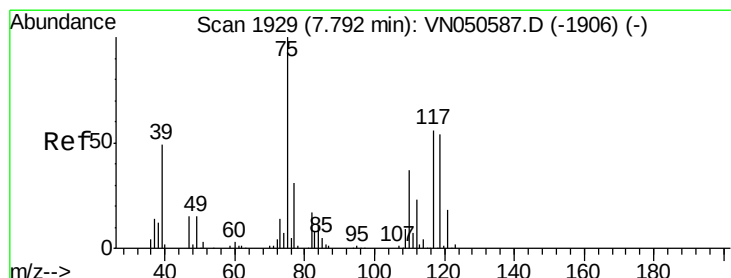
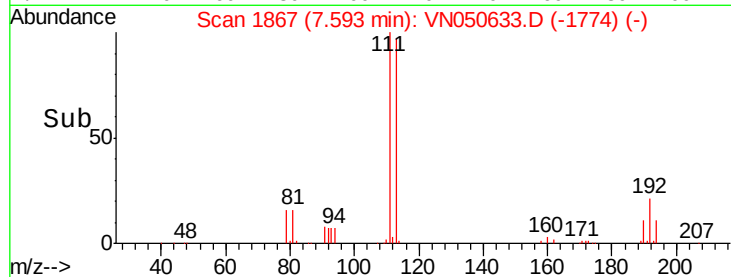
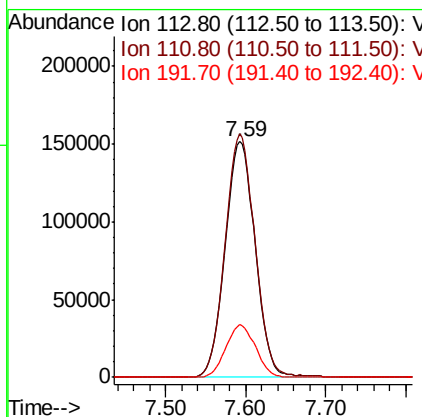
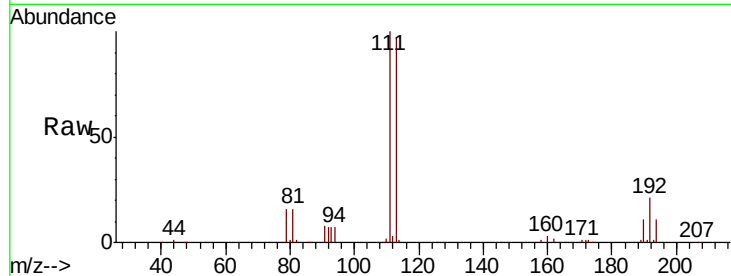




#35
 Dibromofluoromethane
 Concen: 49.935 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050633.D
 Acq: 15 Aug 2018 4:45

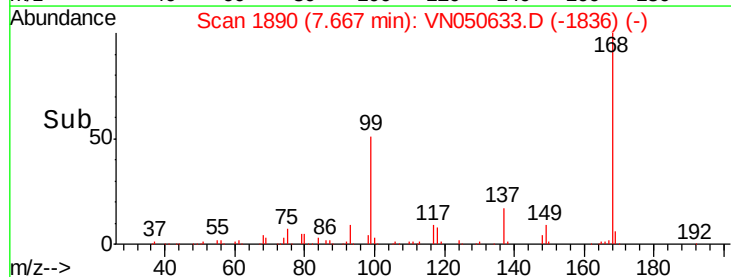
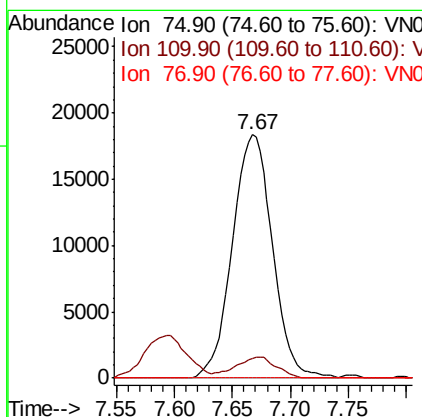
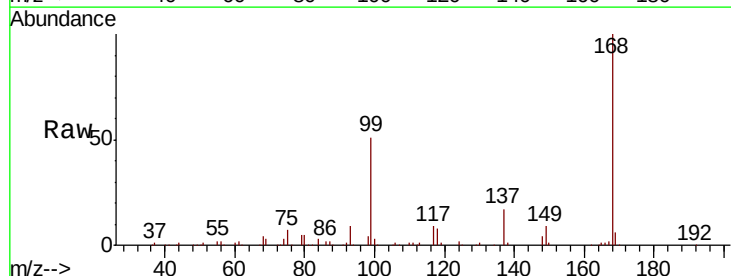
Instrument :
 MSVOA_N
 ClientSampleId :
 952-MW-19(28)

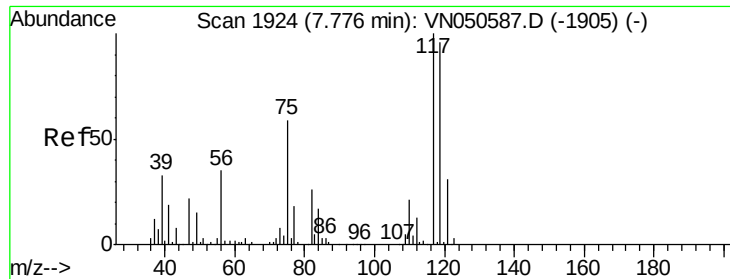
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.0	121.6
192	21.9	17.6	26.4



#36
 1,1-Dichloropropene
 Concen: 4.052 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050633.D
 Acq: 15 Aug 2018 4:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.3	54.9#
77	0.0	25.0	37.4#





#38

Carbon Tetrachloride

Concen: 5.016 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN050633.D

Acq: 15 Aug 2018 4:45

Instrument :

MSVOA_N

ClientSampleId :

952-MW-19(28)

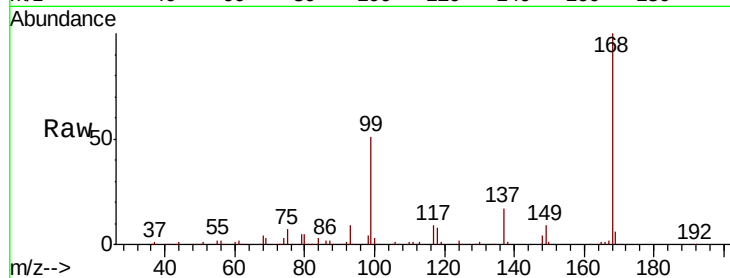
Tgt Ion:117 Resp: 56601

Ion Ratio Lower Upper

117 100

119 7.1 76.6 115.0#

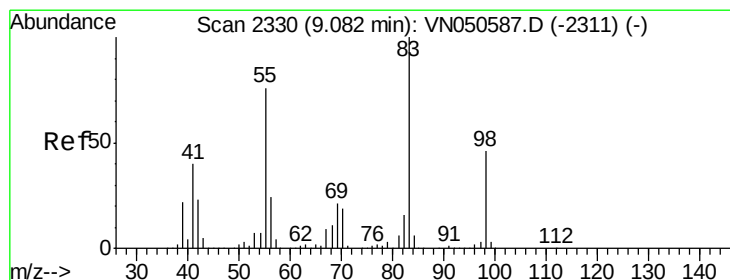
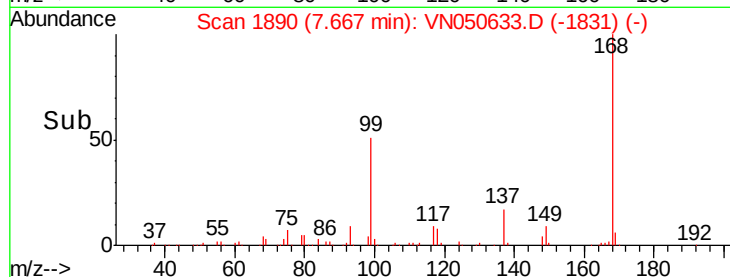
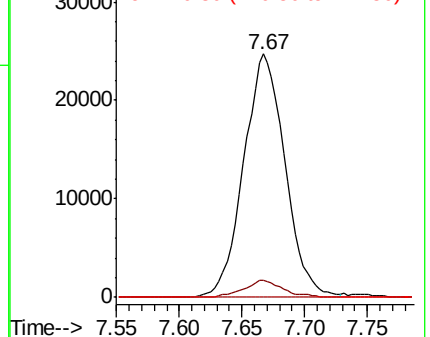
121 0.0 25.0 37.6#



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: 0.320 ug/l

RT: 8.83 min Scan# 2253

Delta R.T. -0.25 min

Lab File: VN050633.D

Acq: 15 Aug 2018 4:45

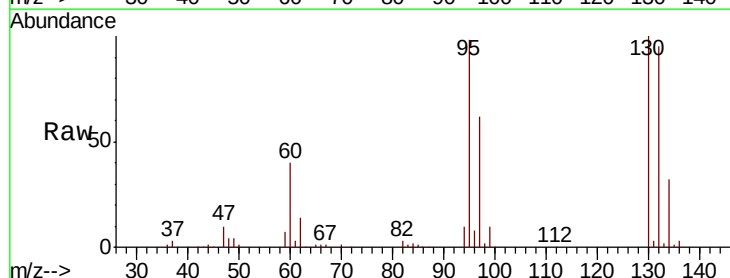
Tgt Ion: 83 Resp: 3606

Ion Ratio Lower Upper

83 100

55 0.0 60.6 91.0#

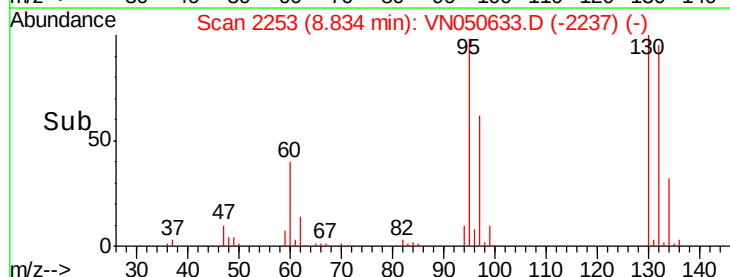
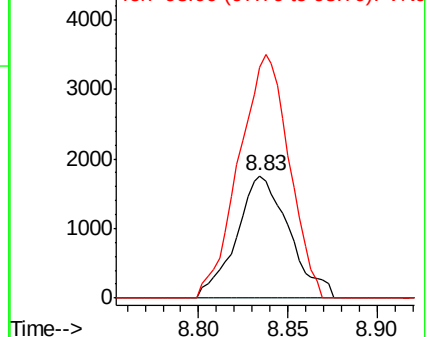
98 189.0 37.0 55.4#

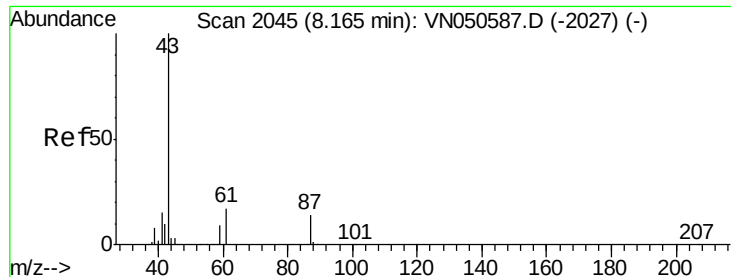


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#43

Isopropyl Acetate

Concen: 0.389 ug/l

RT: 8.23 min Scan# 2064

Delta R.T. 0.06 min

Lab File: VN050633.D

Acq: 15 Aug 2018 4:45

Instrument :

MSVOA_N

ClientSampleId :

952-MW-19(28)

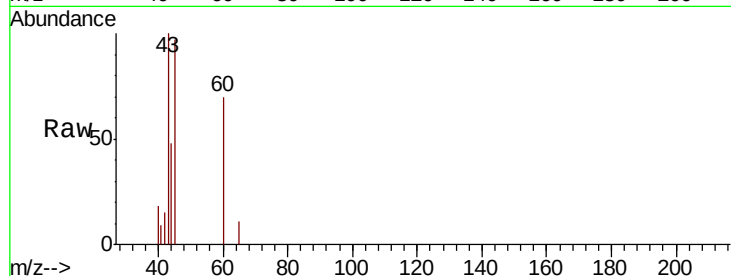
Tgt Ion: 43 Resp: 4360

Ion Ratio Lower Upper

43 100

61 0.0 16.2 24.2#

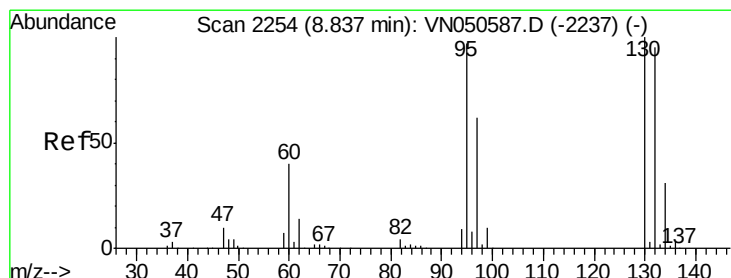
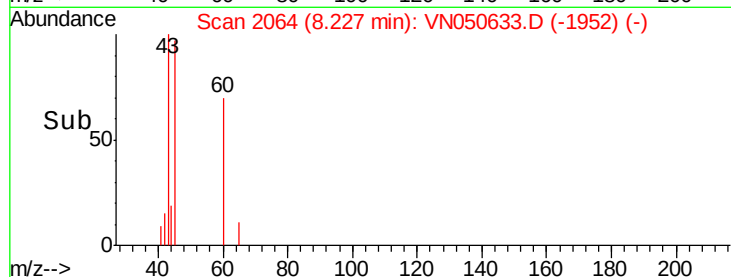
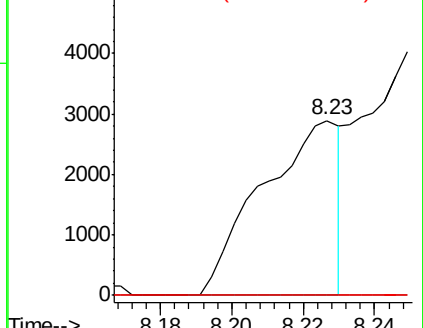
87 0.0 10.9 16.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 33.315 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN050633.D

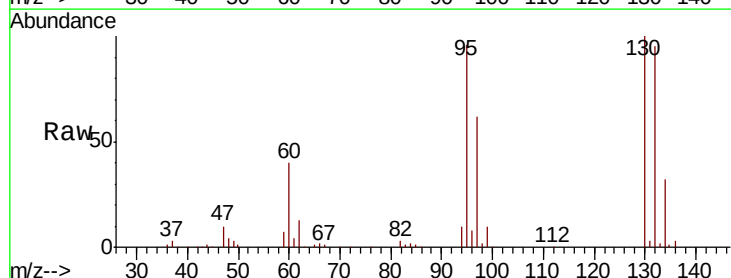
Acq: 15 Aug 2018 4:45

Tgt Ion: 130 Resp: 295283

Ion Ratio Lower Upper

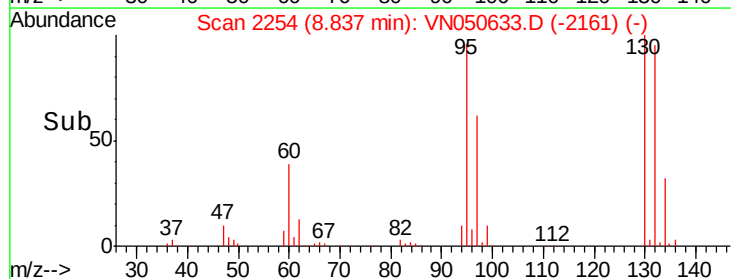
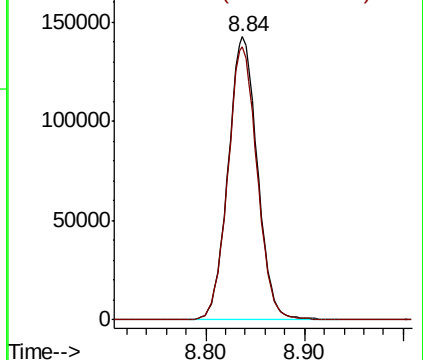
130 100

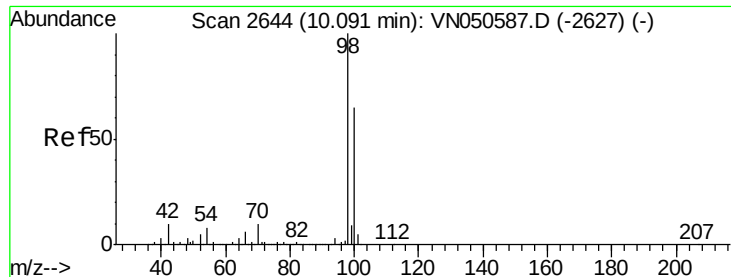
95 96.5 0.0 193.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#50

Toluene-d8

Concen: 47.316 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050633.D

Acq: 15 Aug 2018 4:45

Instrument :

MSVOA_N

ClientSampleId :

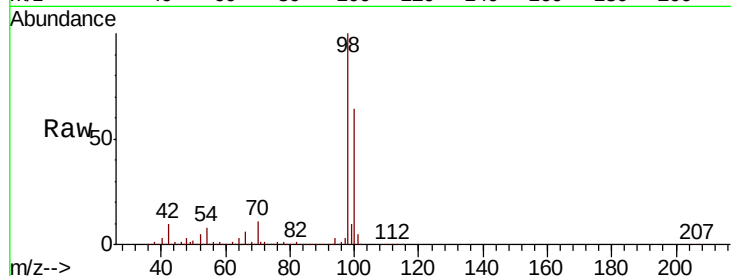
952-MW-19(28)

Tgt Ion: 98 Resp: 1389122

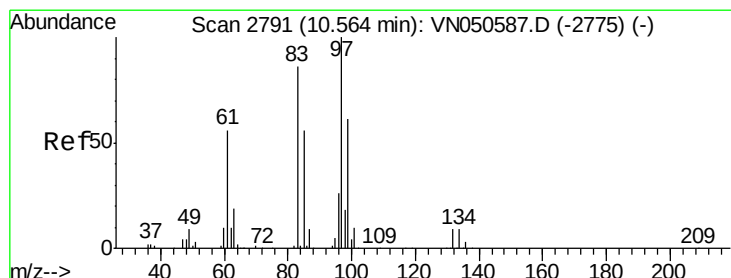
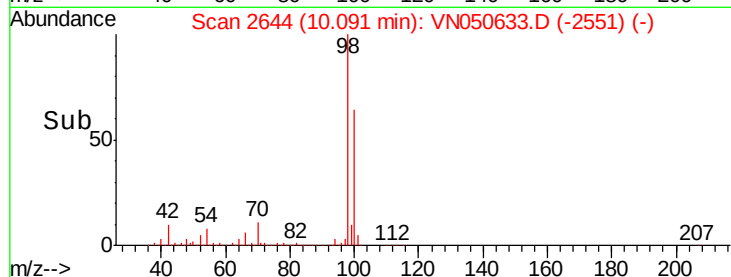
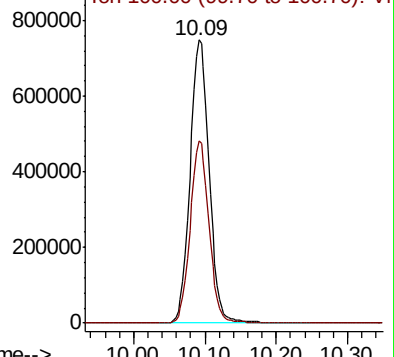
Ion Ratio Lower Upper

98 100

100 63.4 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN050587.D (-2627) (-)



#55

1,1,2-Trichloroethane

Concen: 1.612 ug/l

RT: 10.63 min Scan# 2811

Delta R.T. 0.06 min

Lab File: VN050633.D

Acq: 15 Aug 2018 4:45

Tgt Ion: 97 Resp: 11899

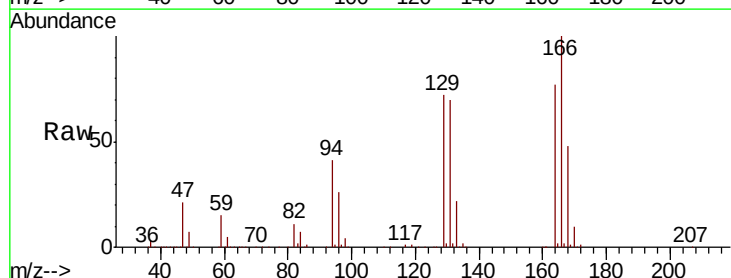
Ion Ratio Lower Upper

97 100

83 281.4 68.5 102.7#

85 40.5 44.6 66.8#

99 14.5 49.1 73.7#



Abundance Ion 96.90 (96.60 to 97.60): VN050587.D (-2775) (-)

Ion 82.90 (82.60 to 83.60): VN050587.D (-2775) (-)

Ion 84.90 (84.60 to 85.60): VN050587.D (-2775) (-)

Ion 98.90 (98.60 to 99.60): VN050587.D (-2775) (-)

Abundance Ion 96.90 (96.60 to 97.60): VN050633.D (-2698) (-)

Ion 82.90 (82.60 to 83.60): VN050633.D (-2698) (-)

Ion 84.90 (84.60 to 85.60): VN050633.D (-2698) (-)

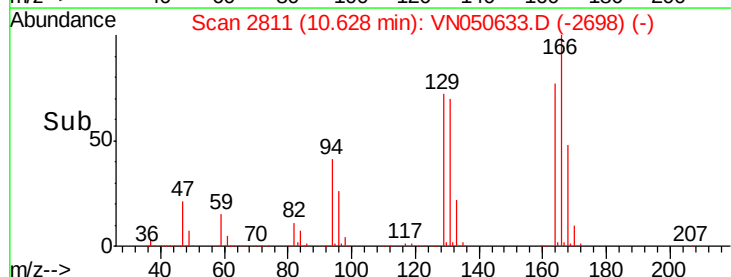
Ion 98.90 (98.60 to 99.60): VN050633.D (-2698) (-)

Abundance Ion 96.90 (96.60 to 97.60): VN050633.D (-2698) (-)

Ion 82.90 (82.60 to 83.60): VN050633.D (-2698) (-)

Ion 84.90 (84.60 to 85.60): VN050633.D (-2698) (-)

Ion 98.90 (98.60 to 99.60): VN050633.D (-2698) (-)



Abundance Ion 96.90 (96.60 to 97.60): VN050633.D (-2698) (-)

Ion 82.90 (82.60 to 83.60): VN050633.D (-2698) (-)

Ion 84.90 (84.60 to 85.60): VN050633.D (-2698) (-)

Ion 98.90 (98.60 to 99.60): VN050633.D (-2698) (-)

Abundance Ion 96.90 (96.60 to 97.60): VN050633.D (-2698) (-)

Ion 82.90 (82.60 to 83.60): VN050633.D (-2698) (-)

Ion 84.90 (84.60 to 85.60): VN050633.D (-2698) (-)

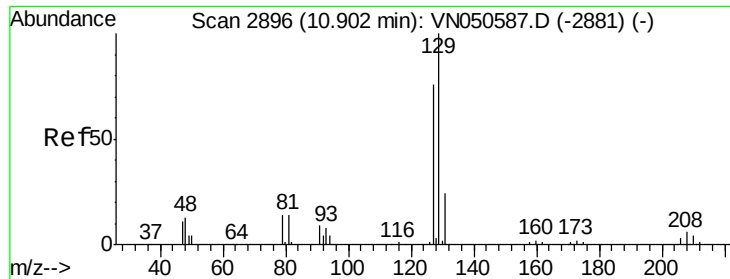
Ion 98.90 (98.60 to 99.60): VN050633.D (-2698) (-)

Abundance Ion 96.90 (96.60 to 97.60): VN050633.D (-2698) (-)

Ion 82.90 (82.60 to 83.60): VN050633.D (-2698) (-)

Ion 84.90 (84.60 to 85.60): VN050633.D (-2698) (-)

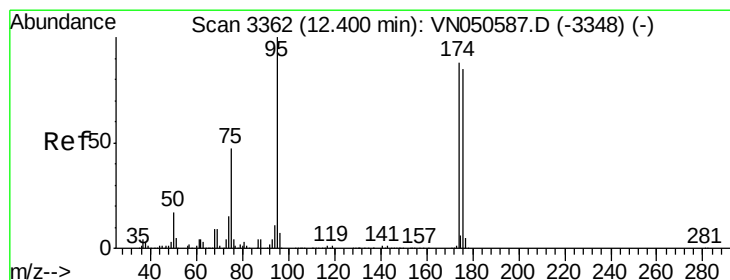
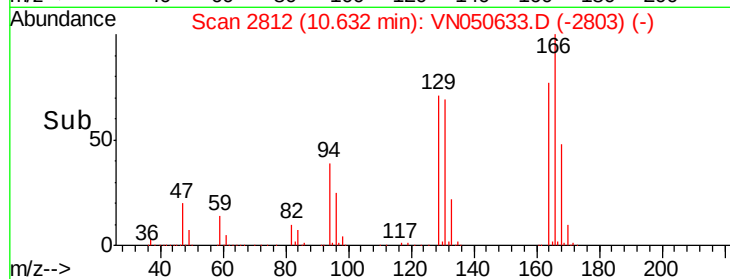
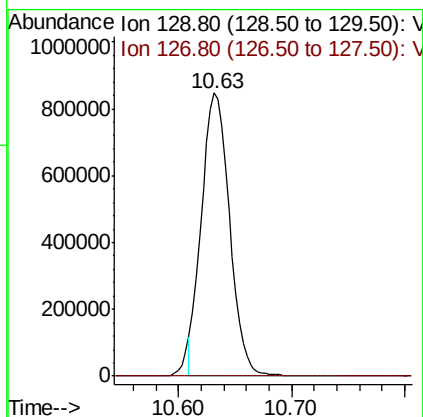
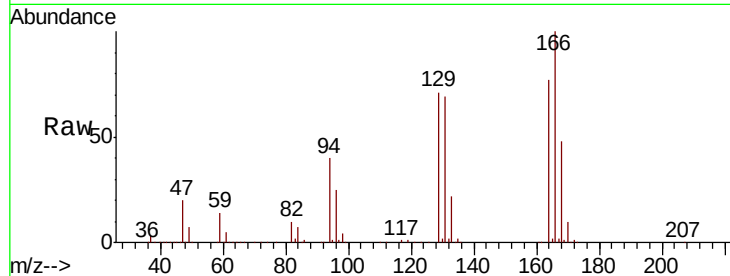
Ion 98.90 (98.60 to 99.60): VN050633.D (-2698) (-)



#60
 Dibromochloromethane
 Concen: 178.686 ug/l
 RT: 10.63 min Scan# 2812
 Delta R.T. -0.27 min
 Lab File: VN050633.D
 Acq: 15 Aug 2018 4:45

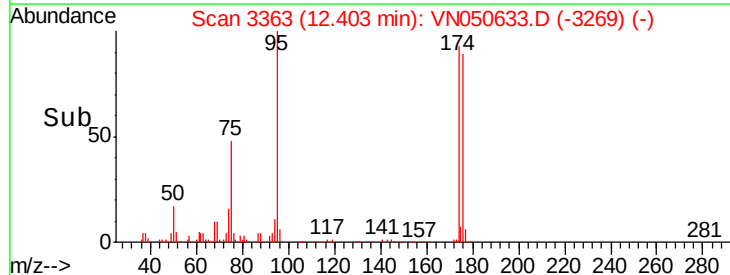
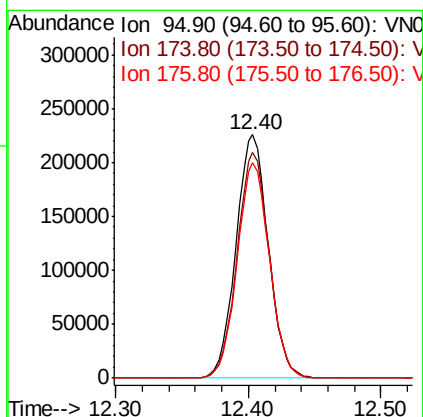
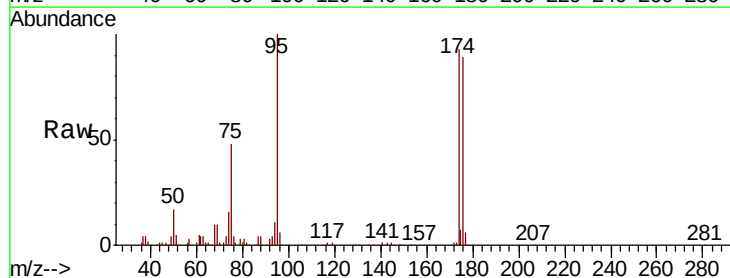
Instrument :
 MSVOA_N
 ClientSampleId :
 952-MW-19(28)

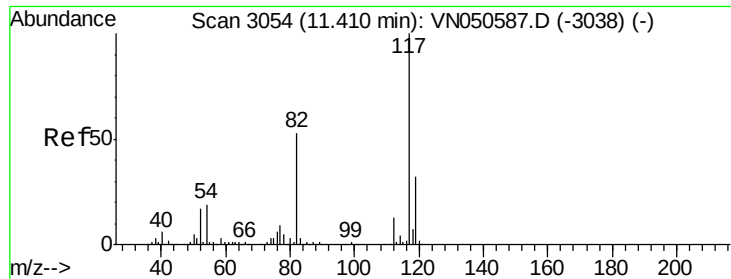
Tgt Ion: 129 Resp: 1455530
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.9 116.7#



#62
 4-Bromofluorobenzene
 Concen: 39.251 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN050633.D
 Acq: 15 Aug 2018 4:45

Tgt Ion: 95 Resp: 380690
 Ion Ratio Lower Upper
 95 100
 174 92.4 0.0 177.8
 176 88.5 0.0 175.0

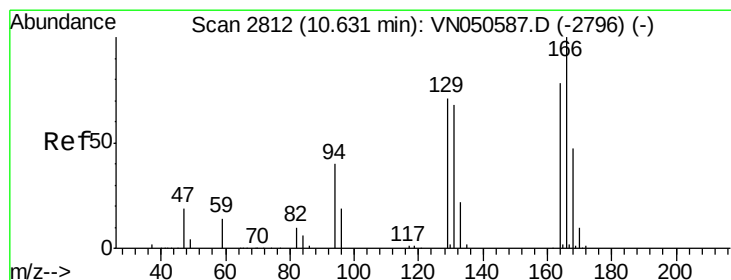
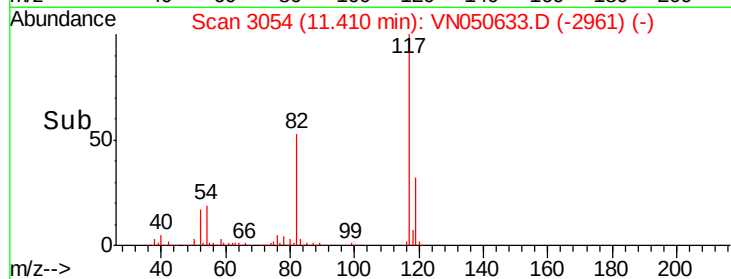
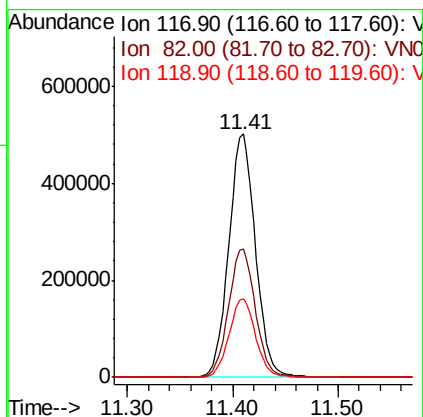
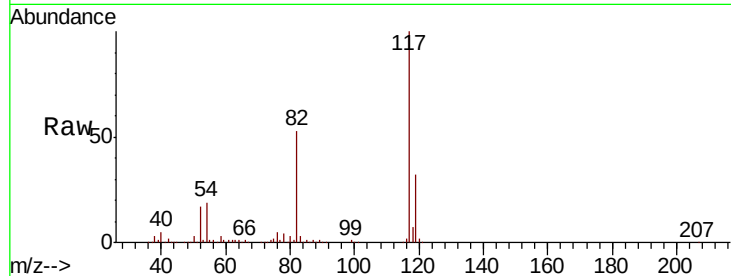




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050633.D
Acq: 15 Aug 2018 4:45

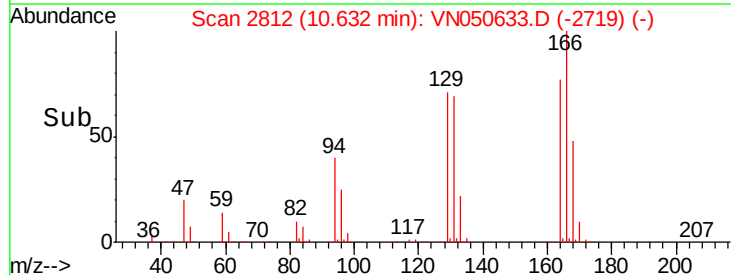
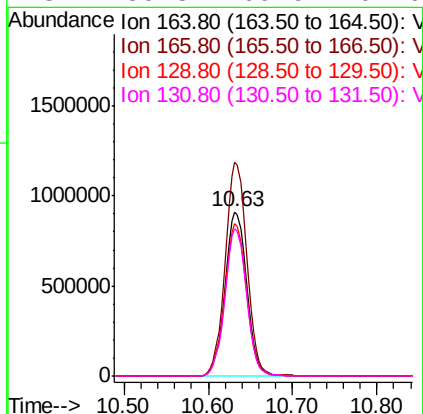
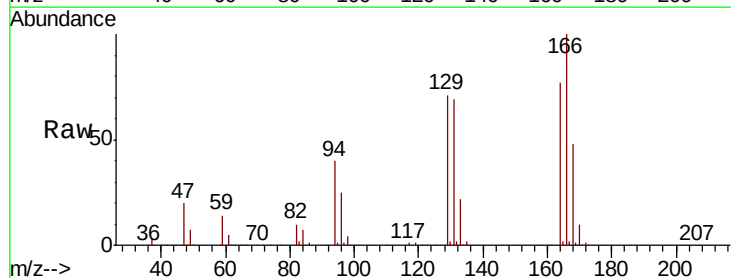
Instrument :
MSVOA_N
ClientSampleId :
952-MW-19(28)

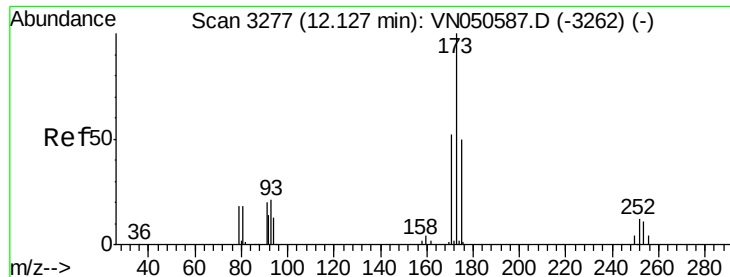
Tgt Ion:117 Resp: 875334
Ion Ratio Lower Upper
117 100
82 52.8 42.4 63.6
119 32.4 25.8 38.8



#64
Tetrachloroethene
Concen: 200.937 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN050633.D
Acq: 15 Aug 2018 4:45

Tgt Ion:164 Resp: 1633439
Ion Ratio Lower Upper
164 100
166 130.3 102.1 153.1
129 93.0 72.7 109.1
131 89.8 69.9 104.9

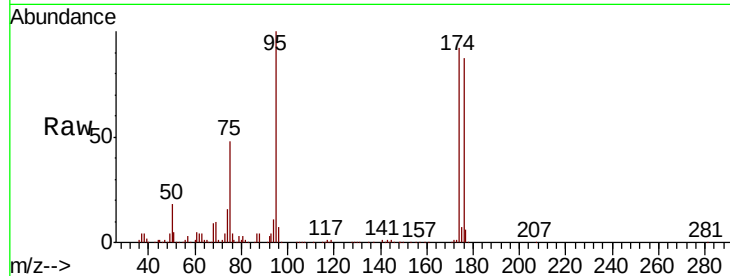




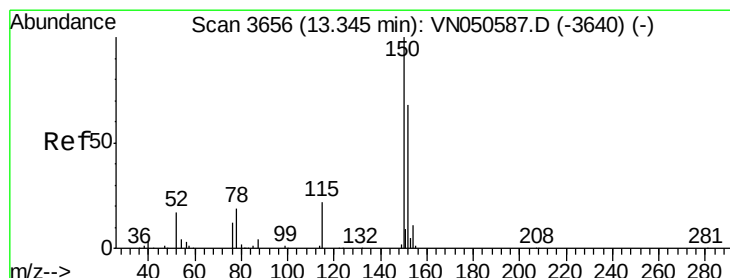
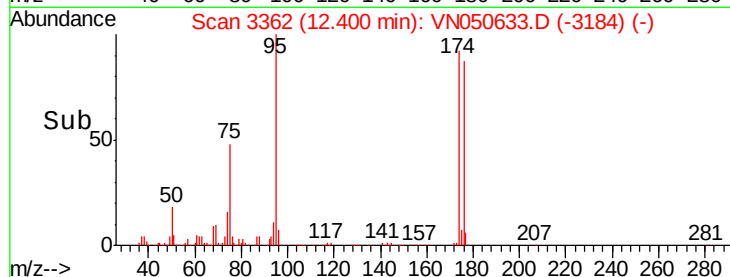
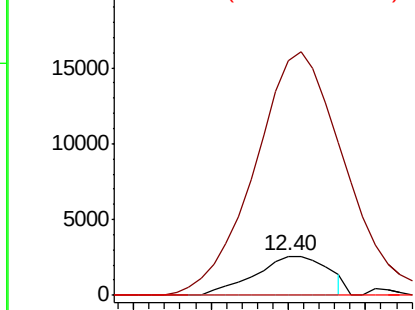
#71
Bromoform
Concen: 0.628 ug/l
RT: 12.40 min Scan# 3362
Delta R.T. 0.27 min
Lab File: VN050633.D
Acq: 15 Aug 2018 4:45

Instrument :
MSVOA_N
ClientSampleId :
952-MW-19(28)

Tgt Ion:173 Resp: 3400
Ion Ratio Lower Upper
173 100
175 644.5 24.4 73.2#
254 0.0 0.0 0.0

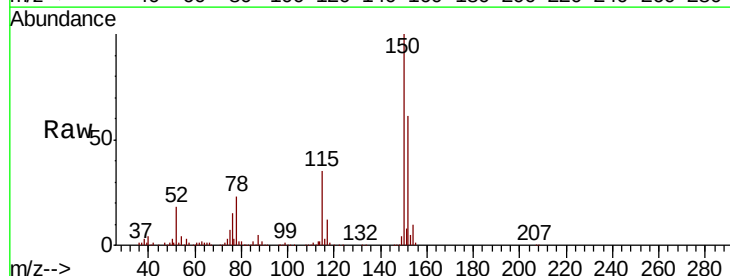


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

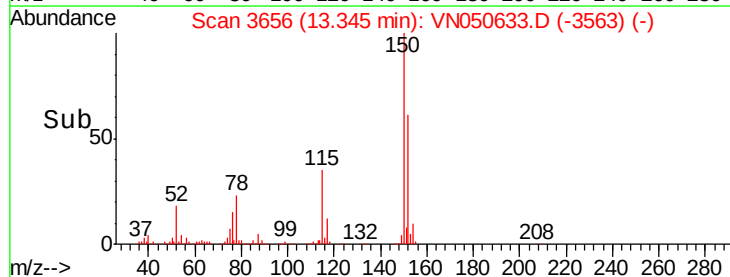
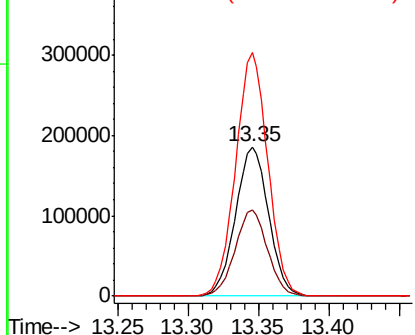


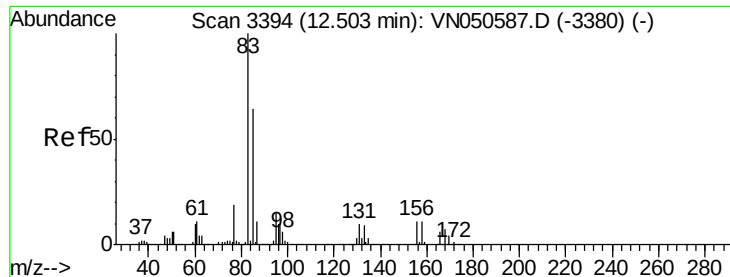
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050633.D
Acq: 15 Aug 2018 4:45

Tgt Ion:152 Resp: 304706
Ion Ratio Lower Upper
152 100
115 56.5 28.1 84.2
150 159.3 0.0 347.8



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





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3363

Delta R.T. -0.10 min

Lab File: VN050633.D

Acq: 15 Aug 2018 4:45

Instrument :

MSVOA_N

ClientSampleId :

952-MW-19(28)

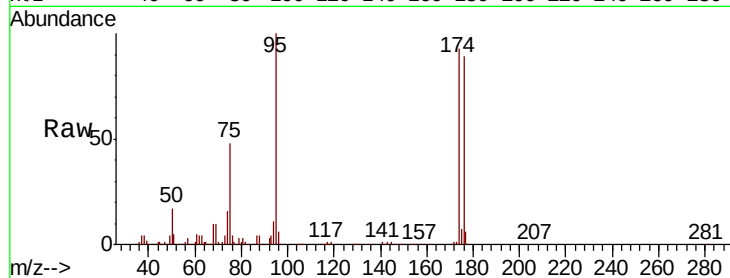
Tgt Ion: 83 Resp: 170

Ion Ratio Lower Upper

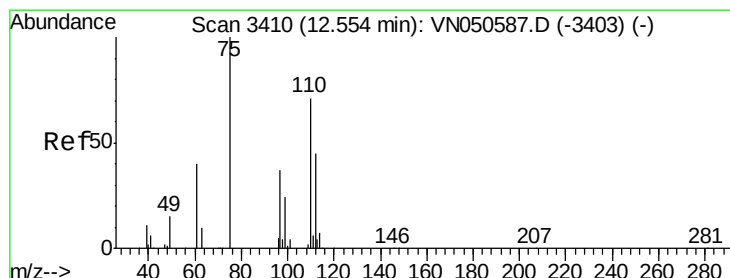
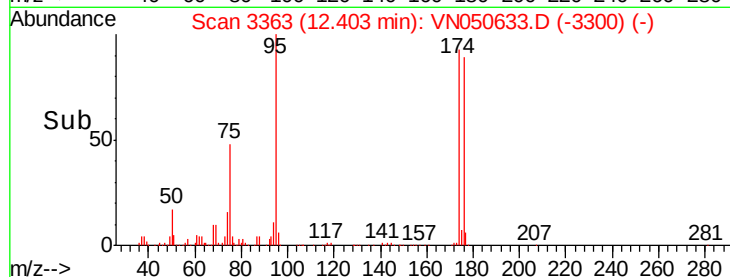
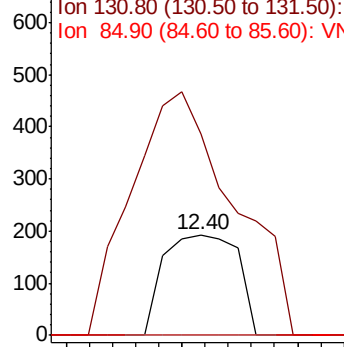
83 100

131 338.2 5.3 15.9#

85 0.0 32.1 96.5#



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 36.517 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050633.D

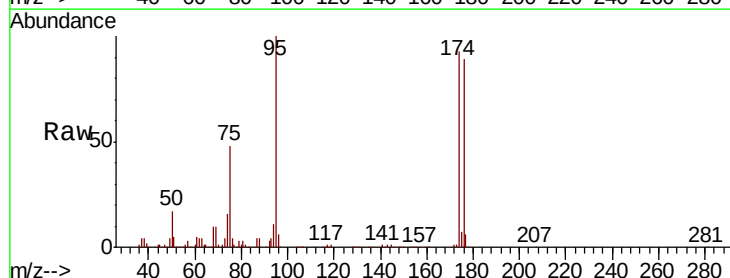
Acq: 15 Aug 2018 4:45

Tgt Ion: 75 Resp: 181140

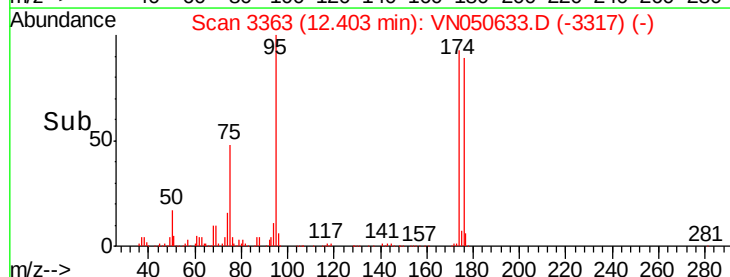
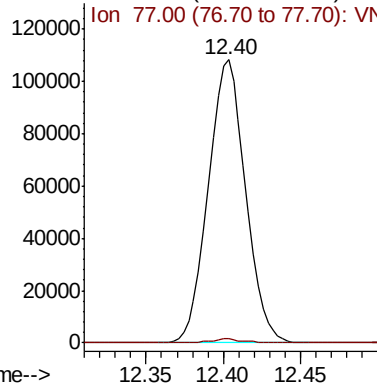
Ion Ratio Lower Upper

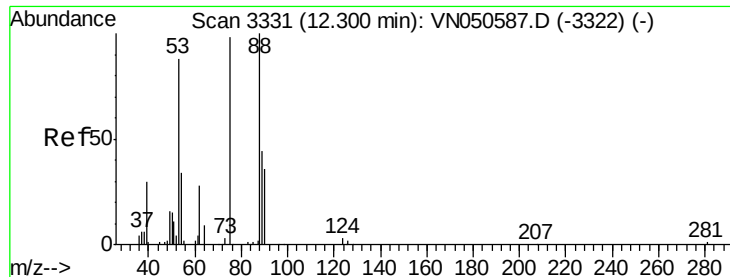
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#81

trans-1,4-Dichloro-2-butene

Concen: 132.164 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050633.D

Acq: 15 Aug 2018 4:45

Instrument :

MSVOA_N

ClientSampled :

952-MW-19(28)

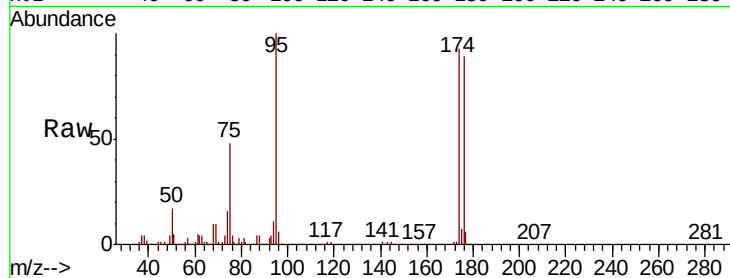
Tgt Ion: 75 Resp: 181140

Ion Ratio Lower Upper

75 100

53 0.1 72.2 108.2#

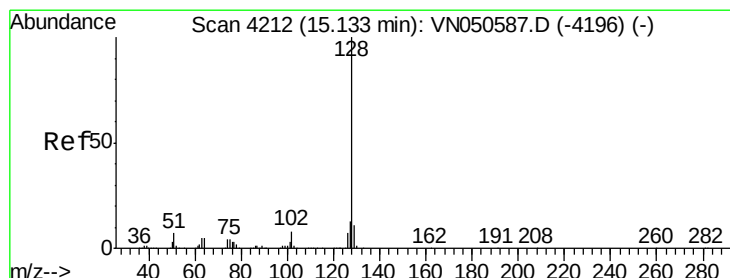
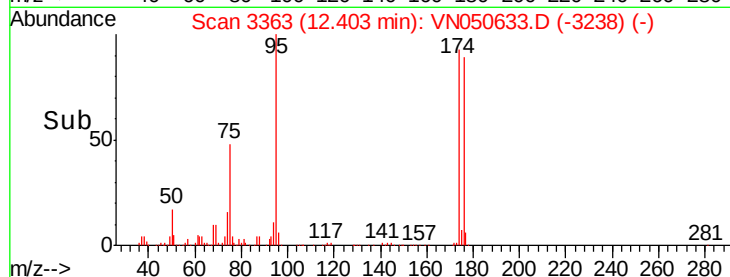
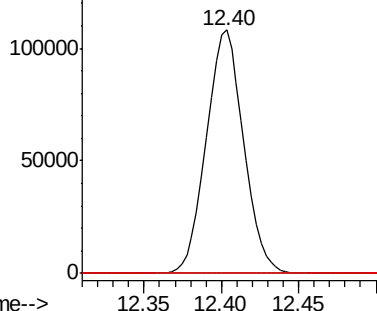
89 0.0 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VN050633.D (-3363) (-)

Ion 53.00 (52.70 to 53.70): VN050633.D (-3363) (-)

Ion 88.90 (88.60 to 89.60): VN050633.D (-3363) (-)



#95

Naphthalene

Concen: 3.869 ug/l

RT: 15.13 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN050633.D

Acq: 15 Aug 2018 4:45

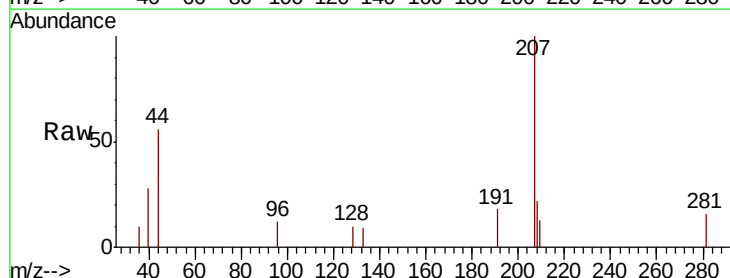
Tgt Ion: 128 Resp: 98

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.5 12.7#



Abundance Ion 128.00 (127.70 to 128.70): VN050633.D (-4212) (-)

Ion 127.00 (126.70 to 127.70): VN050633.D (-4212) (-)

Ion 129.00 (128.70 to 129.70): VN050633.D (-4212) (-)

