

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050340.D
 Acq On : 4 Aug 2018 3:25
 Operator : MD\SY
 Sample : J4310-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C-3

Quant Time: Aug 04 05:36:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	659955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1092884	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	914452	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	341446	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	462566	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
35) Dibromofluoromethane	7.59	113	411592	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	
50) Toluene-d8	10.09	98	1483572	45.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.44%	
62) 4-Bromofluorobenzene	12.40	95	407488	37.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.44%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	3414	0.33	ug/l	99
5) Bromomethane	2.57	94	4595	Below	Cal	92
13) Acrolein	3.61	56	873	1.60	ug/l #	70
14) Allyl chloride	4.55	41	47058	3.99	ug/l #	24
16) Acetone	3.82	43	43323	15.91	ug/l	99
18) Methyl Acetate	4.33	43	15485	0.21	ug/l #	80
20) Methylene Chloride	4.55	84	1395681	174.07	ug/l	100
25) 2-Butanone	6.85	43	5910	1.68	ug/l #	82
28) Bromochloromethane	7.20	49	1533	0.22	ug/l #	84
29) Tetrahydrofuran	7.21	42	1627	0.72	ug/l #	66
30) Chloroform	7.38	83	15105	0.97	ug/l	95
31) Cyclohexane	7.67	56	12466	0.92	ug/l #	2
36) 1,1-Dichloropropene	7.67	75	48089	3.91	ug/l #	47
38) Carbon Tetrachloride	7.67	117	59946	4.59	ug/l #	16
41) Methacrylonitrile	7.20	41	159	2.78	ug/l #	23
43) Isopropyl Acetate	8.17	43	228504	13.29	ug/l #	92
47) Bromodichloromethane	9.41	83	3730	0.29	ug/l #	98
48) Methyl methacrylate	9.18	41	6233	0.84	ug/l #	24
49) 1,4-Dioxane	9.21	88	101	1.00	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	2421	0.29	ug/l	100
56) Ethyl methacrylate	10.23	69	2551	2.24	ug/l #	76
59) 2-Hexanone	10.77	43	9906	6.74	ug/l	64
70) Styrene	11.96	104	416	0.94	ug/l #	1
71) Bromoform	12.41	173	4164	0.64	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.40	83	257	Below	Cal #	1
76) 1,2,3-Trichloropropane	12.40	75	197829	31.18	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	6792	0.33	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.40	75	197829	98.89	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.04	105	22606	1.08	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.25	75	116	Below	Cal #	1
93) 1,2,4-Trichlorobenzene	14.91	180	138	3.11	ug/l #	53
95) Naphthalene	15.14	128	67916	8.39	ug/l	99

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QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration

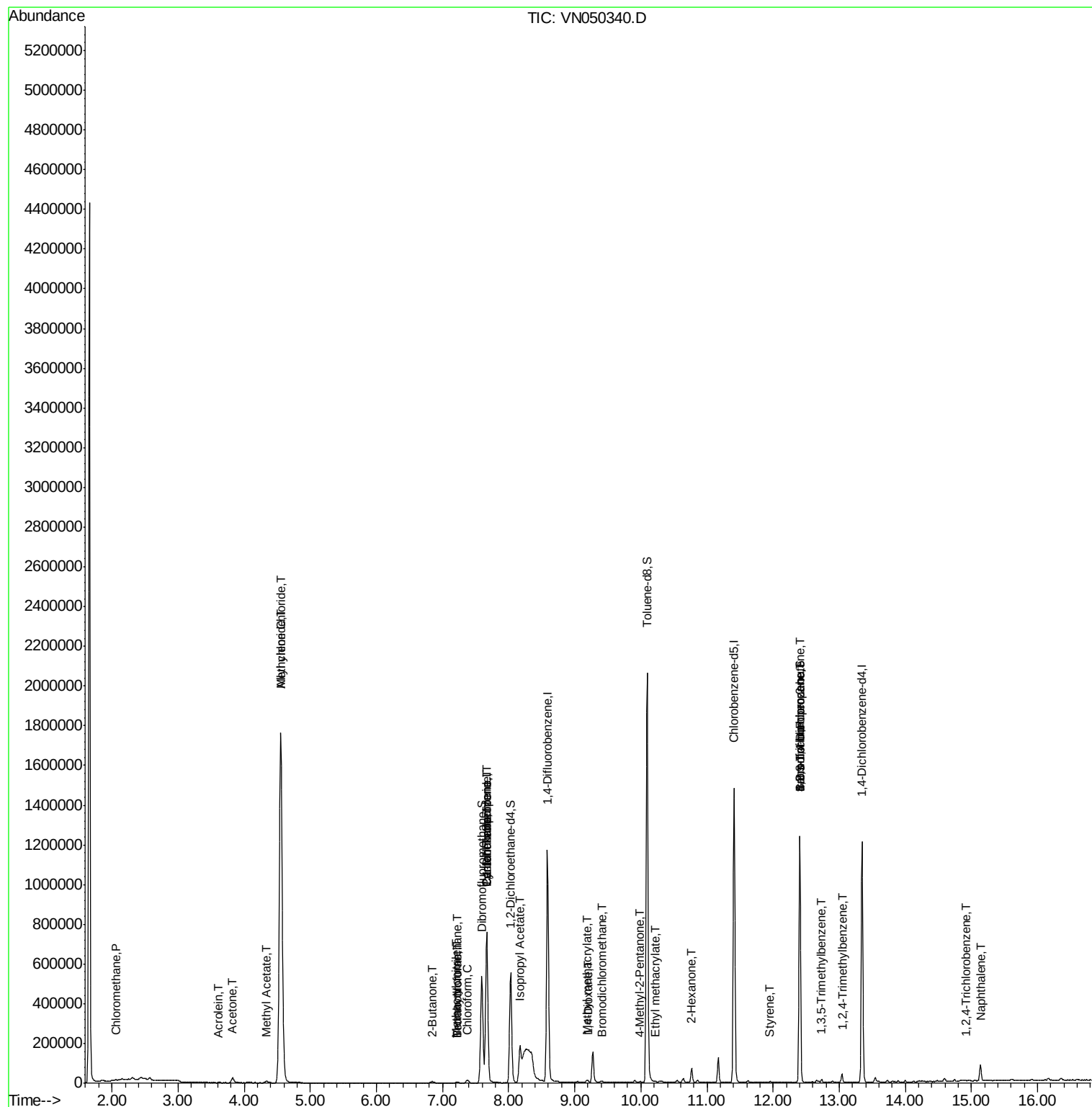
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

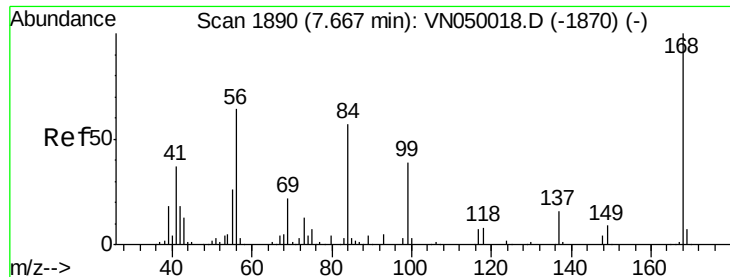
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050340.D

Acq: 4 Aug 2018 3:25

Instrument :

MSVOA_N

ClientSampleId :

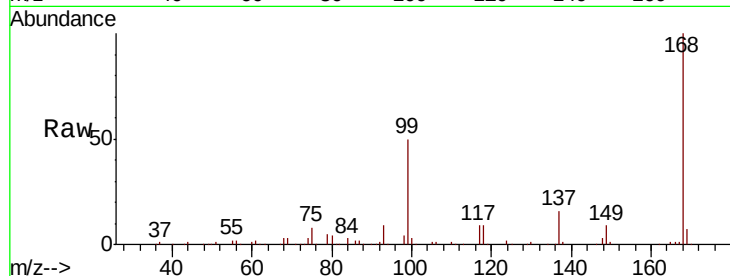
C-3

Tot Ion:168 Resp: 659955

Ion Ratio Lower Upper

168 100

99 50.3 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

150000

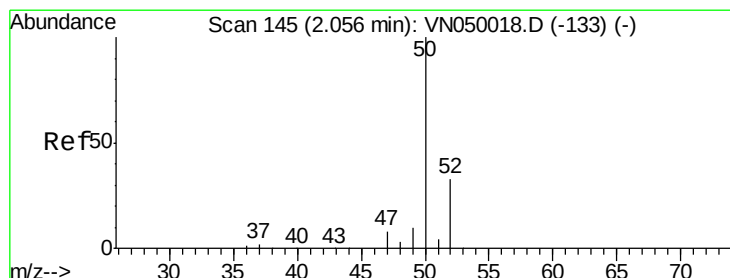
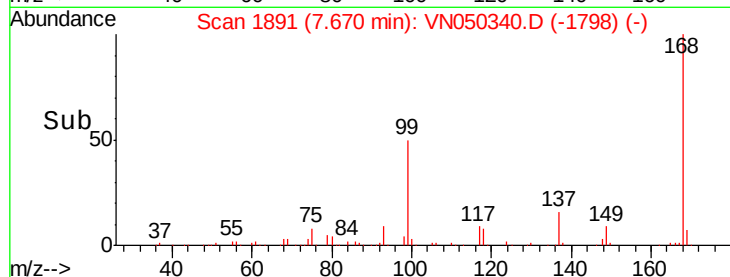
100000

50000

0

7.60 7.70 7.80

Time-->



#3

Chloromethane

Concen: 0.33 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050340.D

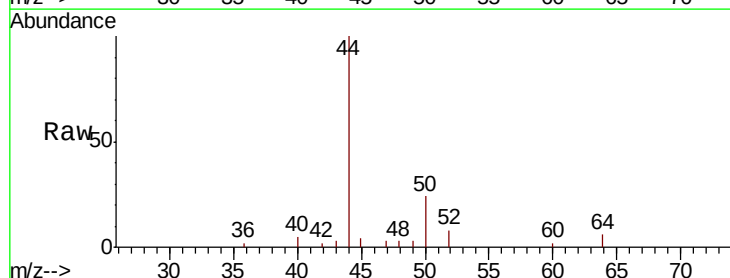
Acq: 4 Aug 2018 3:25

Tgt Ion: 50 Resp: 3414

Ion Ratio Lower Upper

50 100

52 32.9 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

3000

2500

2000

1500

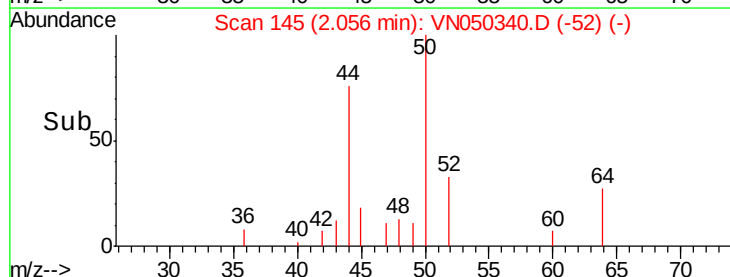
1000

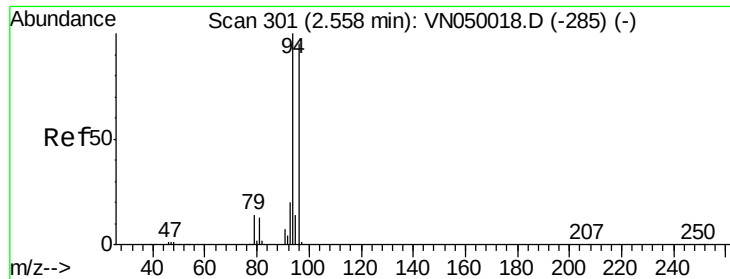
500

0

2.05 2.10

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 304

Delta R.T. 0.02 min

Lab File: VN050340.D

Acq: 4 Aug 2018 3:25

Instrument :

MSVOA_N

ClientSampled :

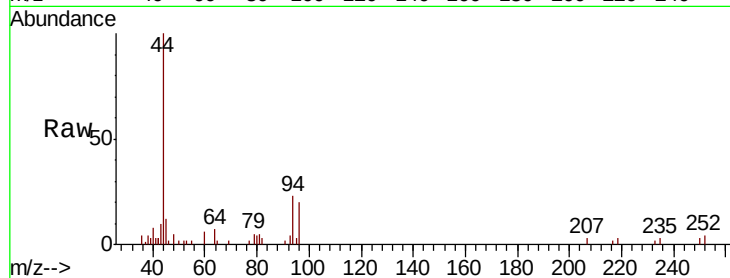
C-3

Tot Ion: 94 Resp: 4595

Ion Ratio Lower Upper

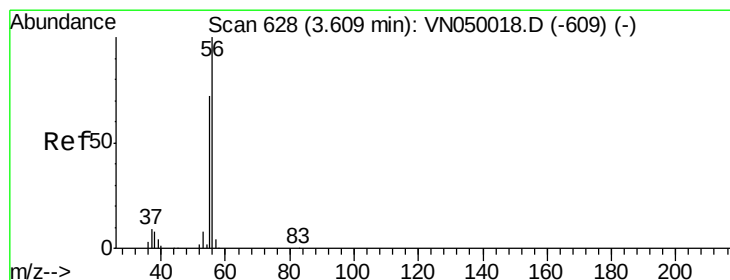
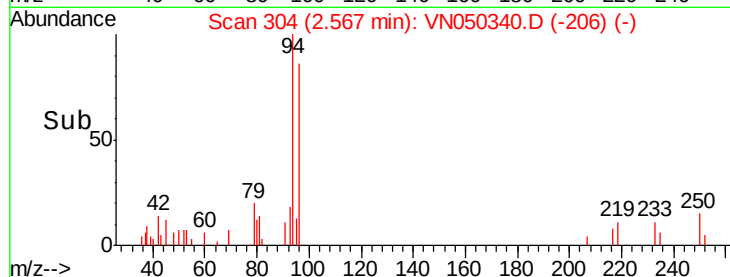
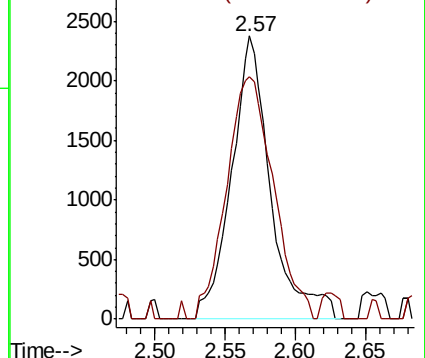
94 100

96 85.8 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#13

Acrolein

Concen: 1.60 ug/l

RT: 3.61 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN050340.D

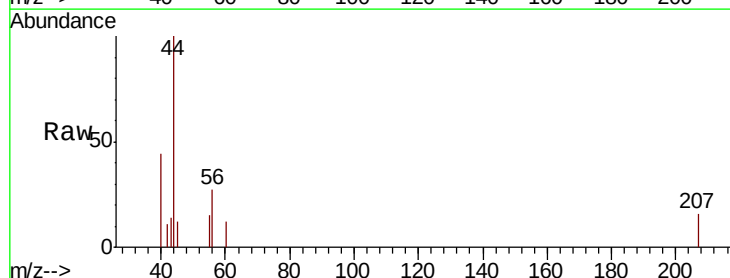
Acq: 4 Aug 2018 3:25

Tgt Ion: 56 Resp: 873

Ion Ratio Lower Upper

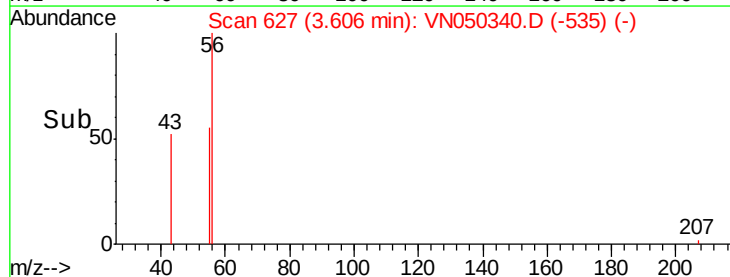
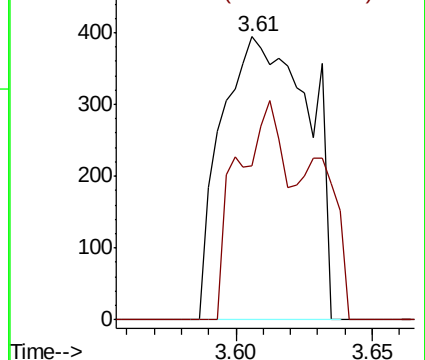
56 100

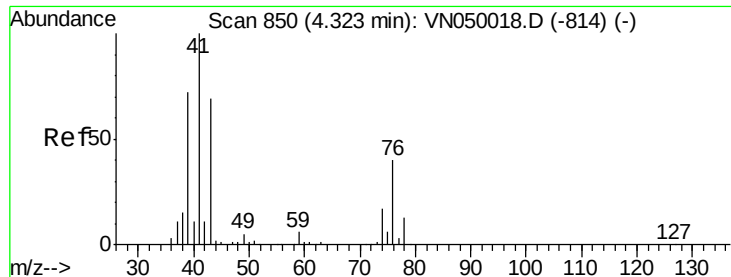
55 45.4 55.8 83.6#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

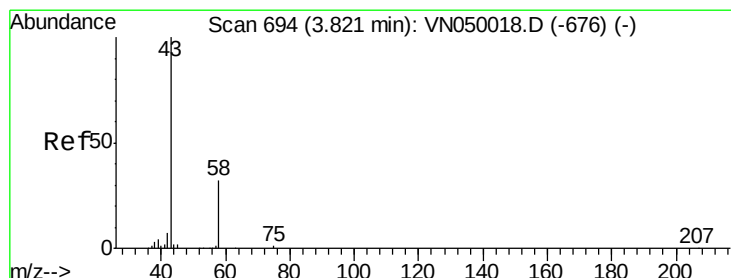
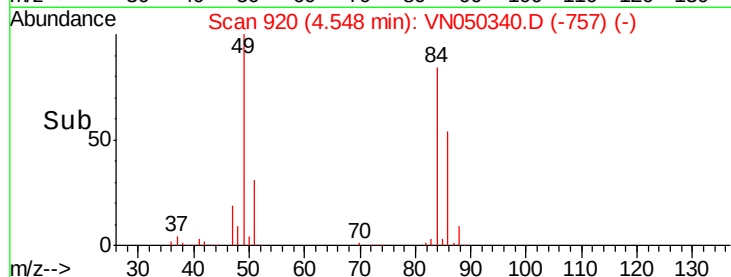
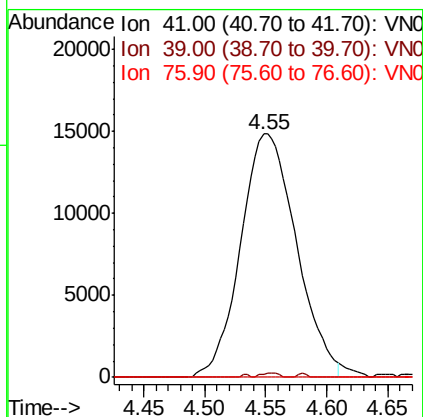
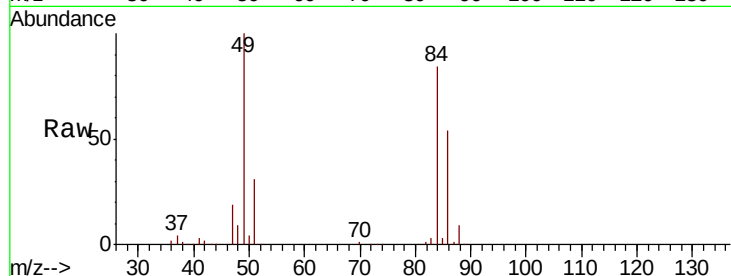




#14
Allvl chloride
Concen: 3.99 ug/l
RT: 4.55 min Scan# 920
Delta R.T. 0.23 min
Lab File: VN050340.D
Acq: 4 Aug 2018 3:25

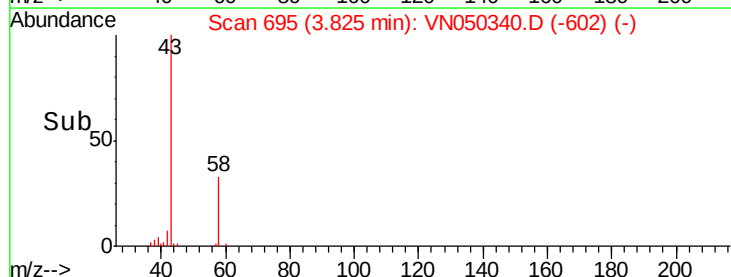
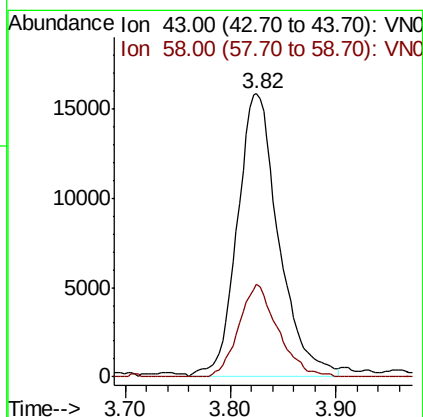
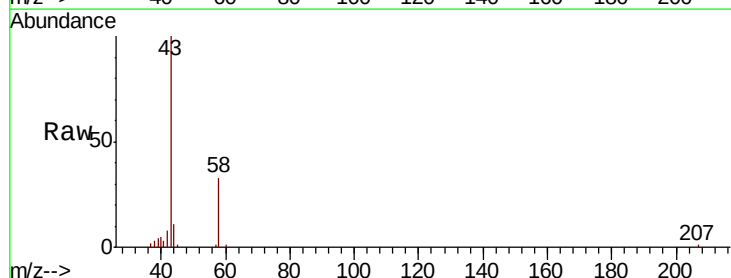
Instrument :
MSVOA_N
ClientSampled :
C-3

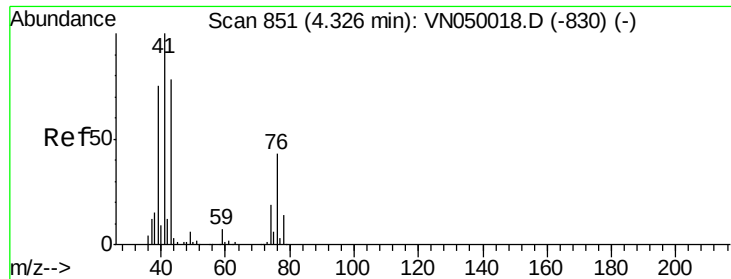
Tot Ion: 41 Resp: 47058
Ion Ratio Lower Upper
41 100
39 0.6 54.2 81.4#
76 0.0 29.0 43.6#



#16
Acetone
Concen: 15.91 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN050340.D
Acq: 4 Aug 2018 3:25

Tgt Ion: 43 Resp: 43323
Ion Ratio Lower Upper
43 100
58 32.6 25.8 38.8

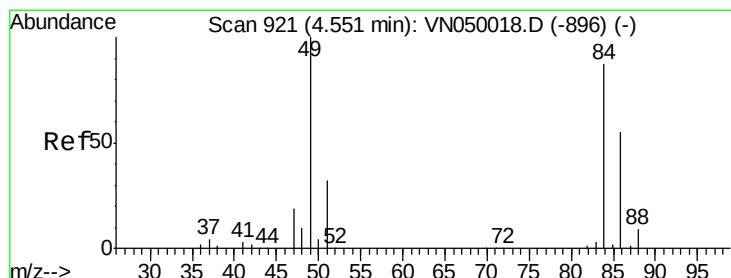
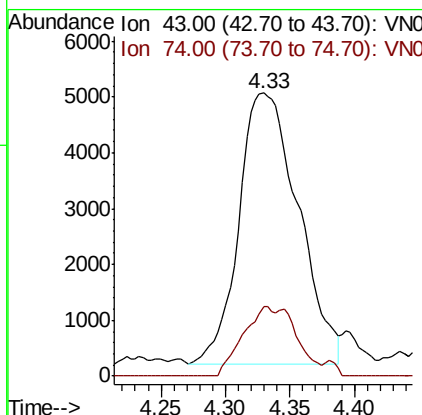
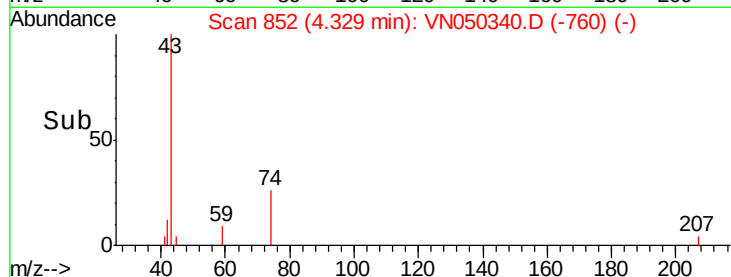
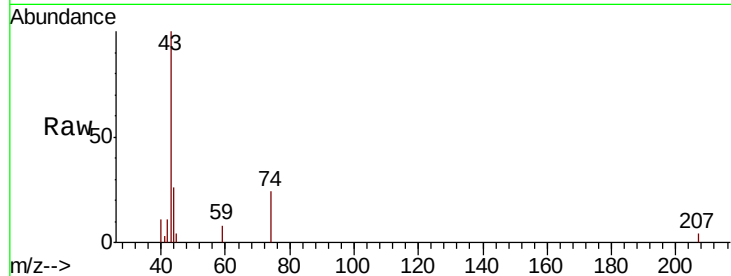




#18
Methyl Acetate
Concen: 0.21 ug/l
RT: 4.33 min Scan# 852
Delta R.T. -0.00 min
Lab File: VN050340.D
Acq: 4 Aug 2018 3:25

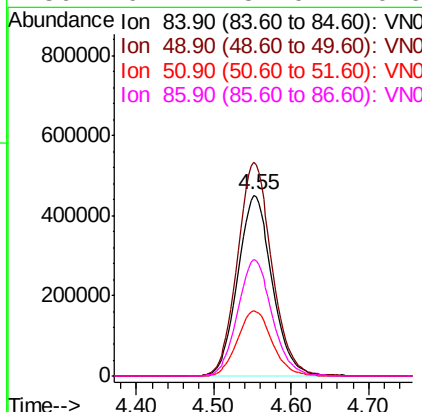
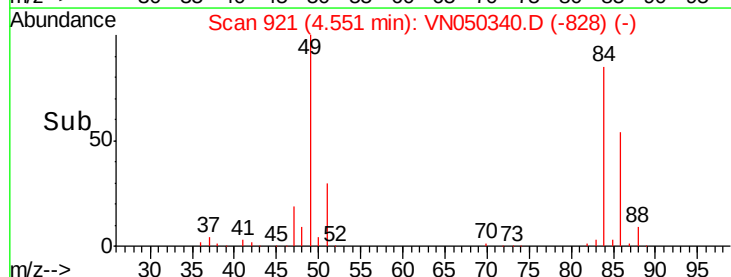
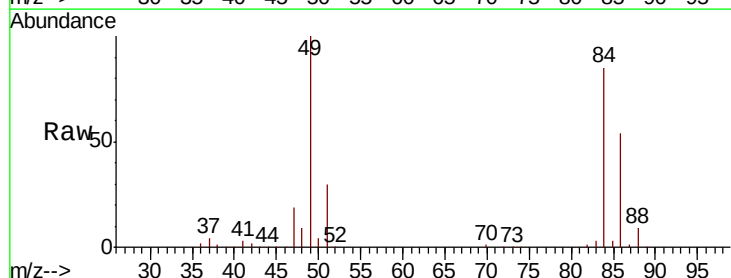
Instrument :
MSVOA_N
ClientSampled :
C-3

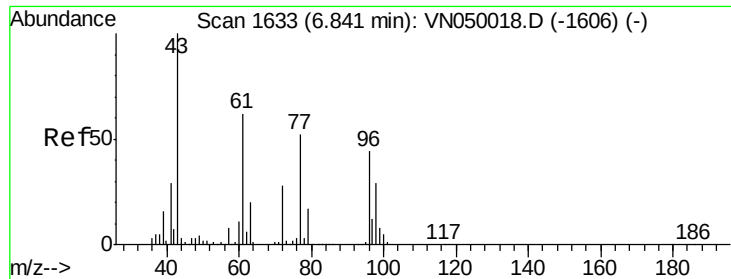
Tot Ion: 43 Resp: 15485
Ion Ratio Lower Upper
43 100
74 14.1 19.2 28.8#



#20
Methylene Chloride
Concen: 174.07 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050340.D
Acq: 4 Aug 2018 3:25

Tgt Ion: 84 Resp: 1395681
Ion Ratio Lower Upper
84 100
49 118.3 94.8 142.2
51 36.0 28.3 42.5
86 64.4 51.0 76.6

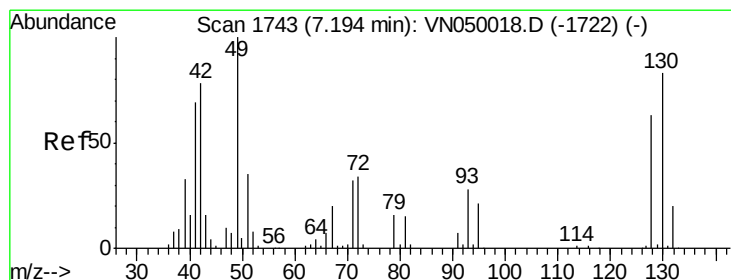
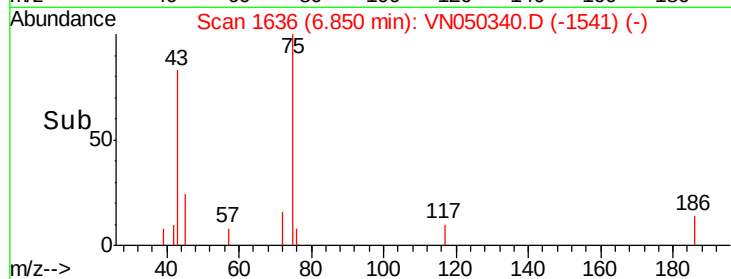
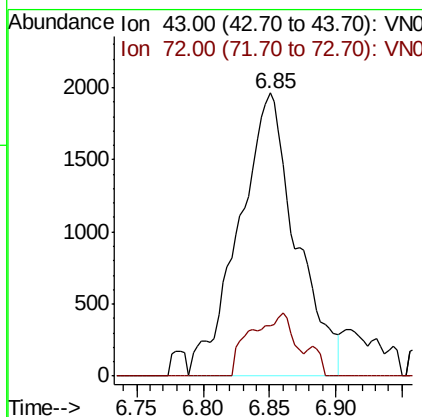
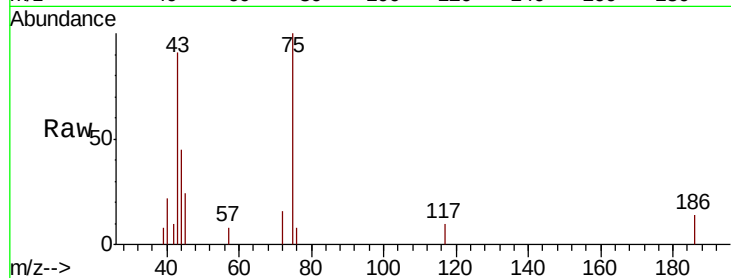




#25
2-Butanone
Concen: 1.68 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN050340.D
Acq: 4 Aug 2018 3:25

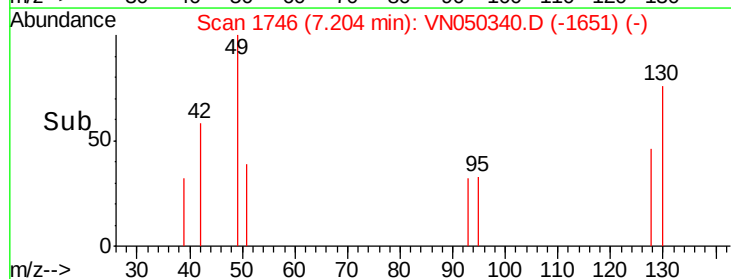
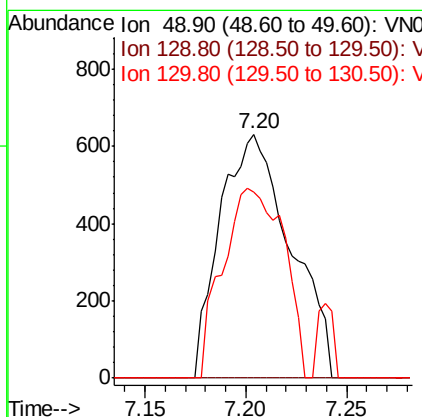
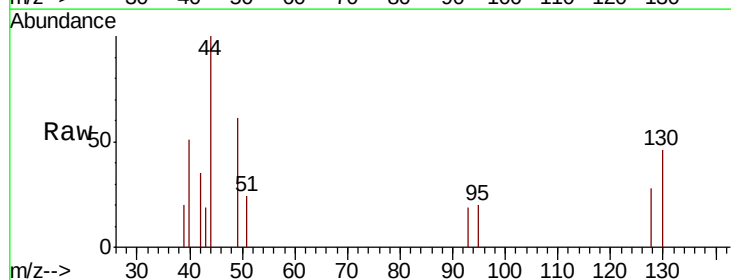
Instrument :
MSVOA_N
ClientSampleId :
C-3

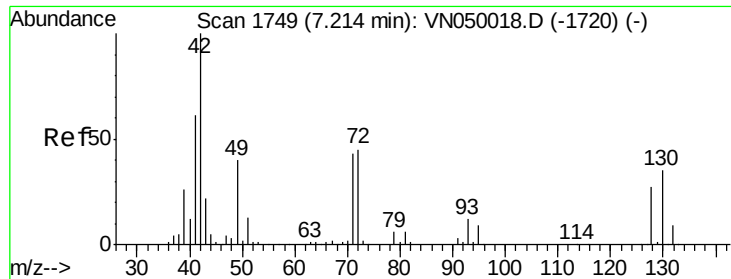
Tot Ion: 43 Resp: 5910
Ion Ratio Lower Upper
43 100
72 17.7 21.5 32.3#



#28
Bromochloromethane
Concen: 0.22 ug/l
RT: 7.20 min Scan# 1746
Delta R.T. 0.01 min
Lab File: VN050340.D
Acq: 4 Aug 2018 3:25

Tgt Ion: 49 Resp: 1533
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 67.9 66.3 99.5





#29

Tetrahydrofuran

Concen: 0.72 ug/l

RT: 7.21 min Scan# 1749

Delta R.T. -0.01 min

Lab File: VN050340.D

Acq: 4 Aug 2018 3:25

Instrument :
MSVOA_N
ClientSampled :
C-3

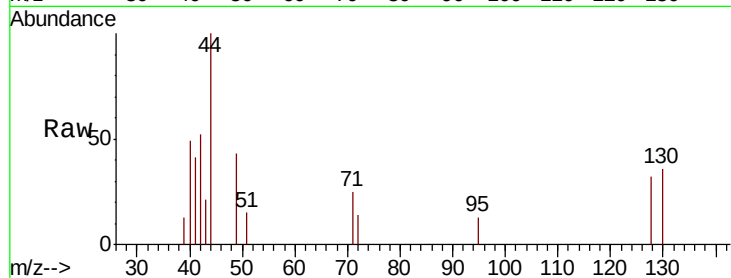
Tot Ion: 42 Resp: 1627

Ion Ratio Lower Upper

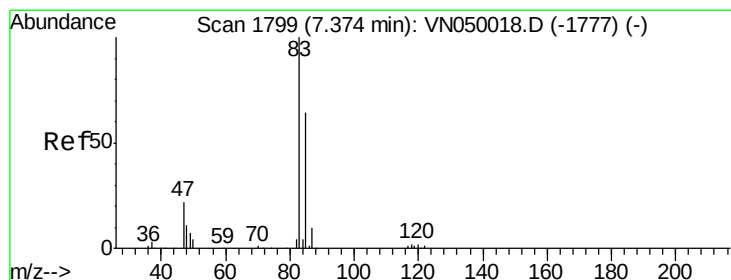
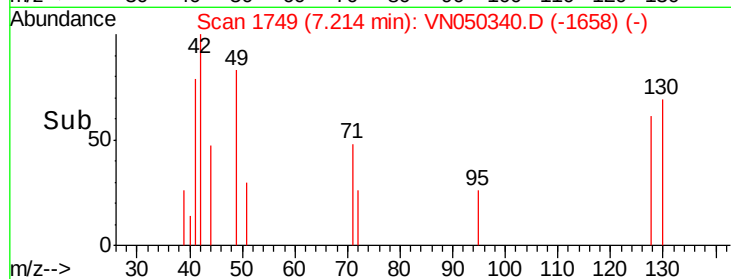
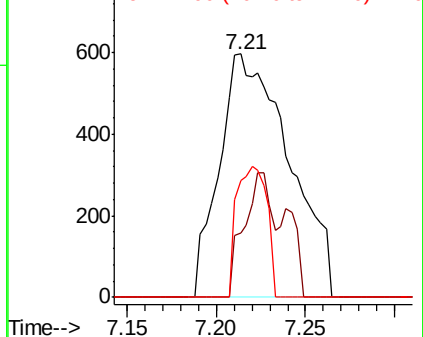
42 100

72 20.3 35.9 53.9#

71 23.0 33.7 50.5#



Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 0.97 ug/l

RT: 7.38 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN050340.D

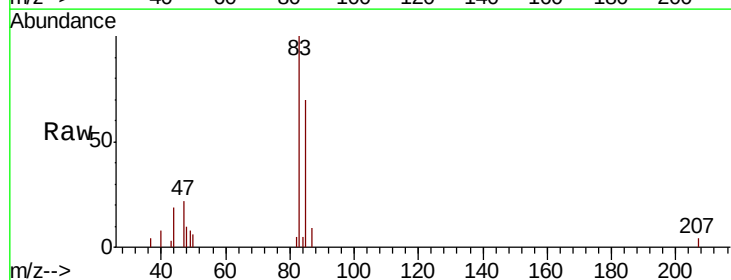
Acq: 4 Aug 2018 3:25

Tgt Ion: 83 Resp: 15105

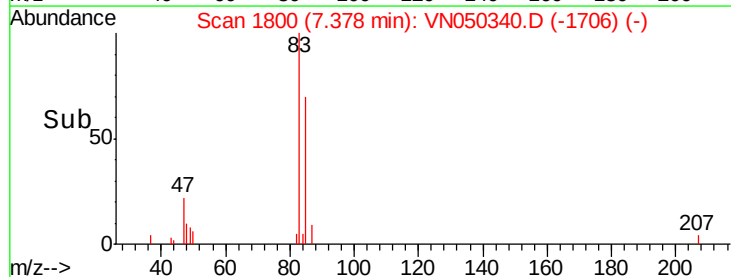
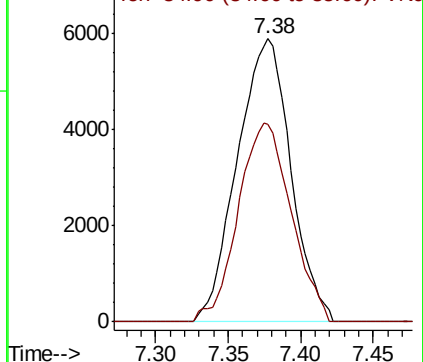
Ion Ratio Lower Upper

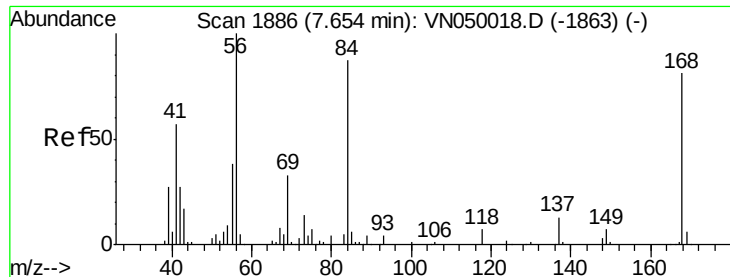
83 100

85 69.9 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

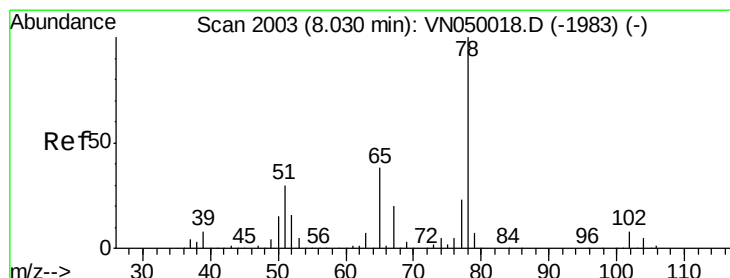
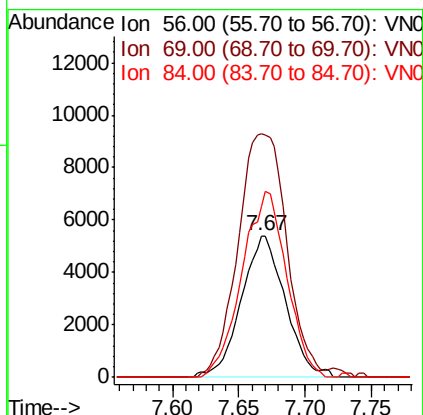
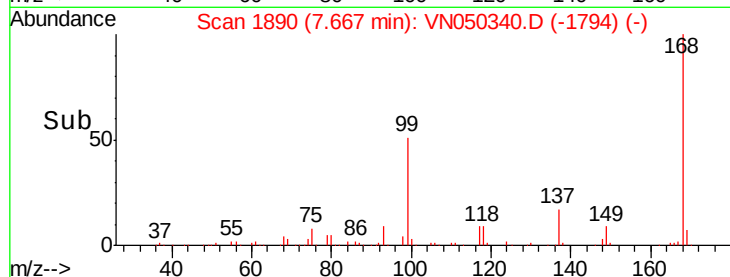
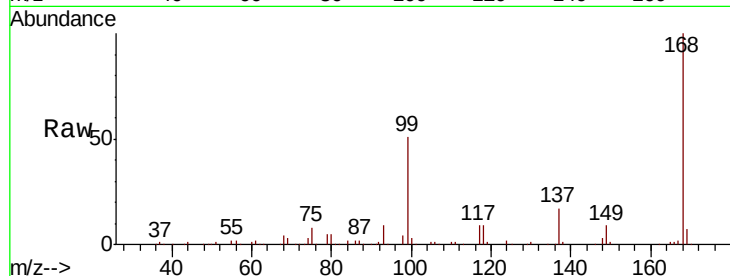




#31
Cyclohexane
Concen: 0.92 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN050340.D
Acq: 4 Aug 2018 3:25

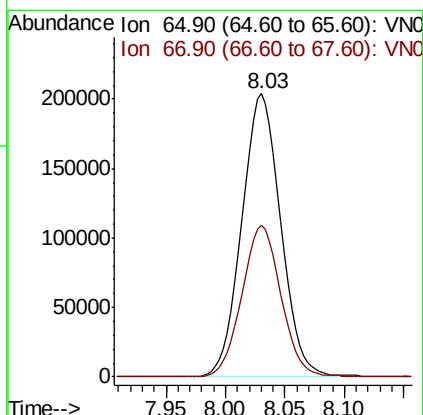
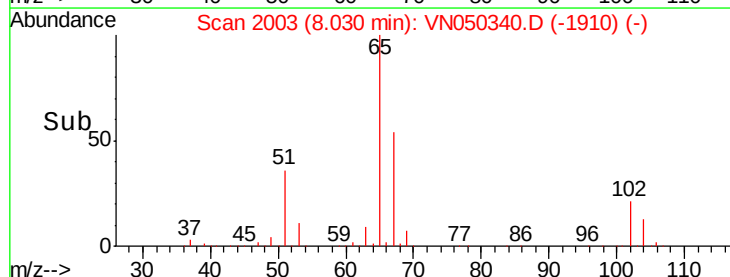
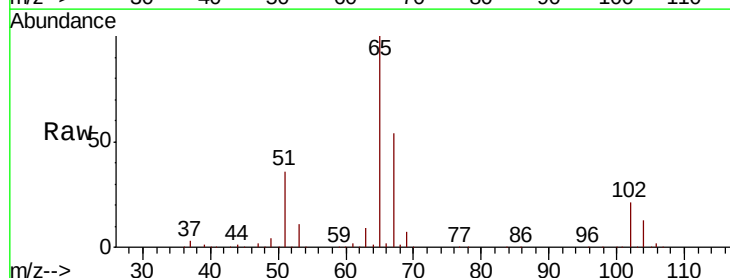
Instrument :
MSVOA_N
ClientSampleId :
C-3

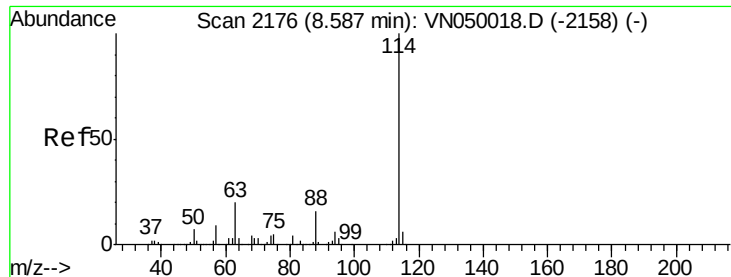
Tot Ion: 56 Resp: 12466
Ion Ratio Lower Upper
56 100
69 172.4 26.2 39.4#
84 120.6 67.4 101.0#



#33
1,2-Dichloroethane-d4
Concen: 50.24 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050340.D
Acq: 4 Aug 2018 3:25

Tgt Ion: 65 Resp: 462566
Ion Ratio Lower Upper
65 100
67 53.8 0.0 108.4

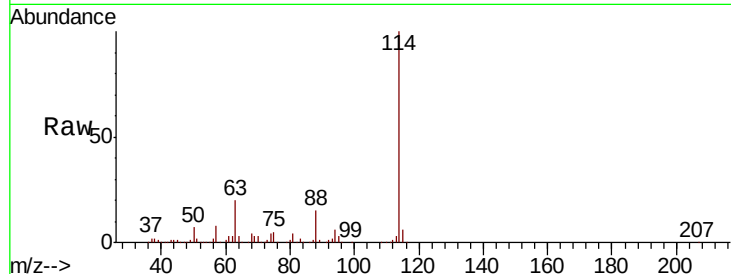




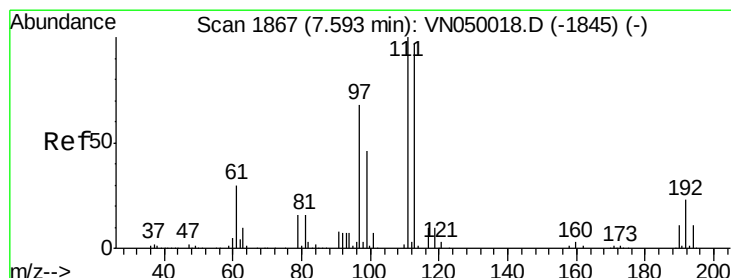
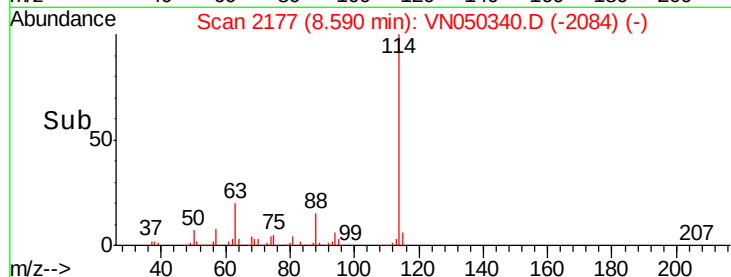
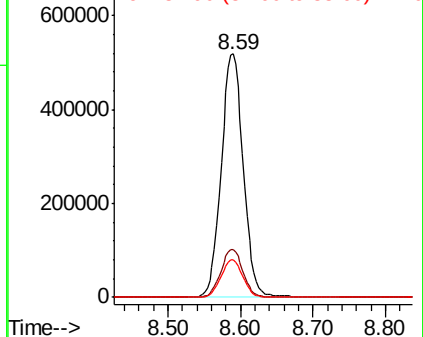
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050340.D
 Acq: 4 Aug 2018 3:25

Instrument :
 MSVOA_N
 ClientSampleId :
 C-3

Tot Ion:114 Resp: 1092884
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 15.3 0.0 31.2

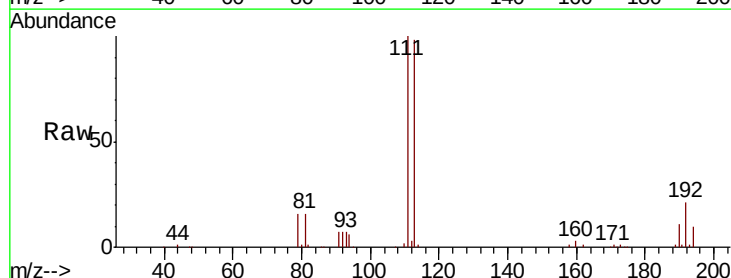


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

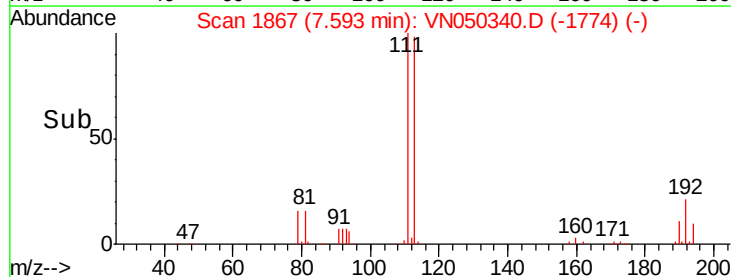
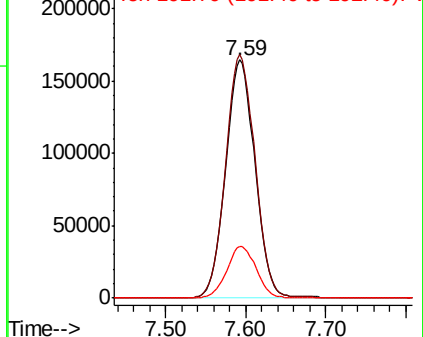


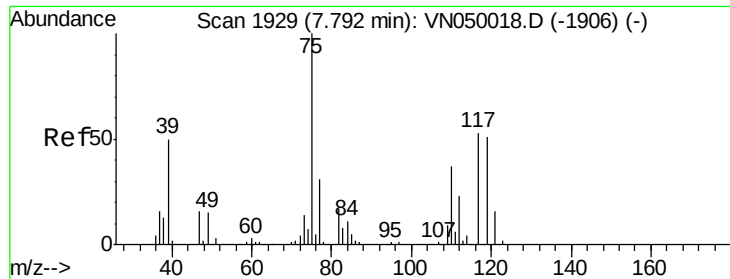
#35
 Dibromofluoromethane
 Concen: 46.13 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050340.D
 Acq: 4 Aug 2018 3:25

Tgt Ion:113 Resp: 411592
 Ion Ratio Lower Upper
 113 100
 111 102.1 80.7 121.1
 192 21.7 17.8 26.6



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

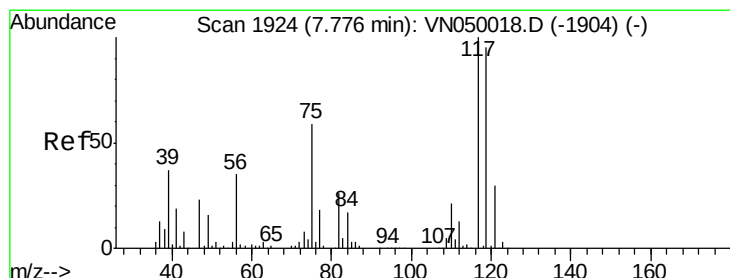
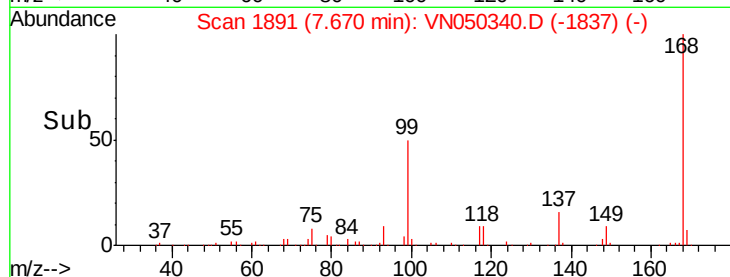
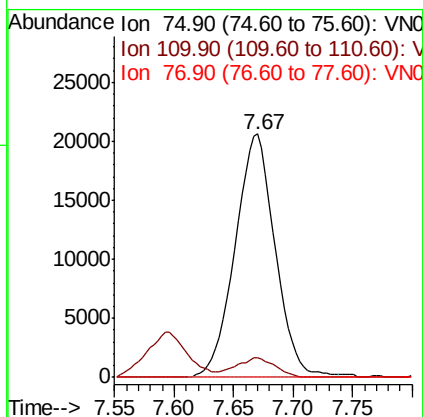
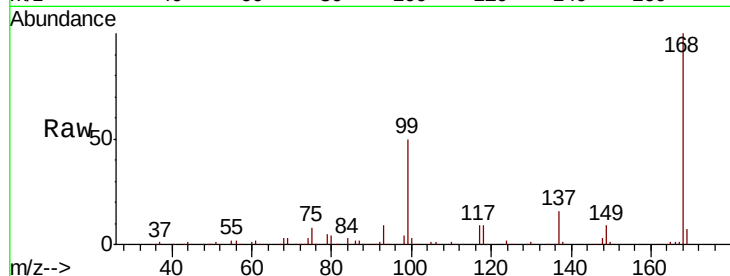




#36
 1,1-Dichloropropene
 Concen: 3.91 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.13 min
 Lab File: VN050340.D
 Acq: 4 Aug 2018 3:25

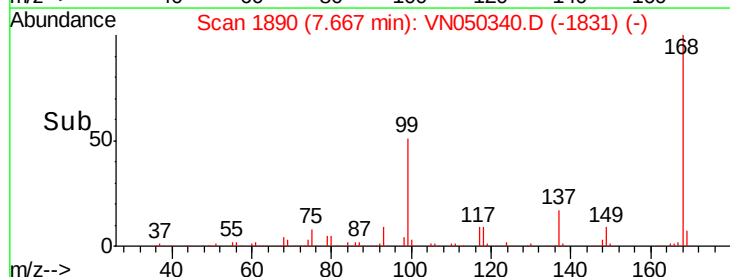
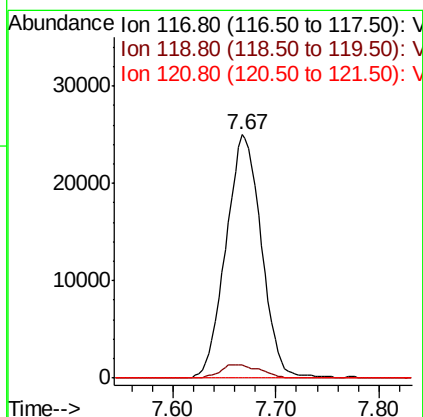
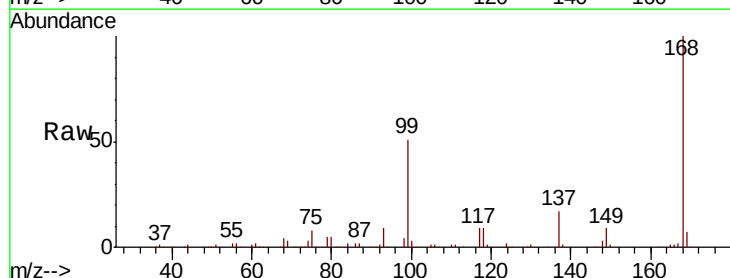
Instrument :
 MSVOA_N
 ClientSampled :
 C-3

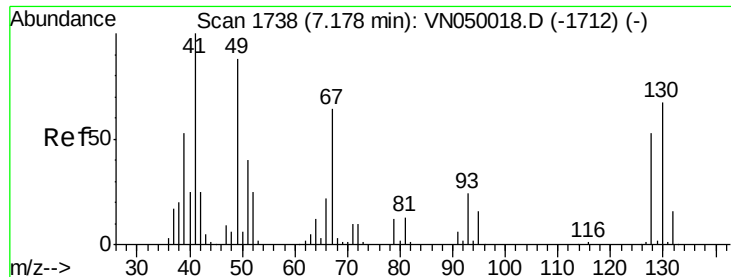
Tot Ion: 75 Resp: 48089
 Ion Ratio Lower Upper
 75 100
 110 7.7 18.4 55.2#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 4.59 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN050340.D
 Acq: 4 Aug 2018 3:25

Tgt Ion: 117 Resp: 59946
 Ion Ratio Lower Upper
 117 100
 119 5.4 77.4 116.0#
 121 0.0 23.9 35.9#

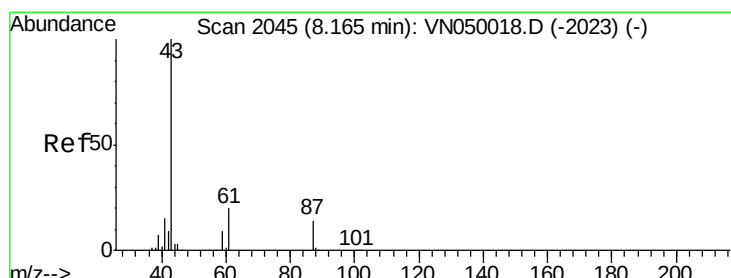
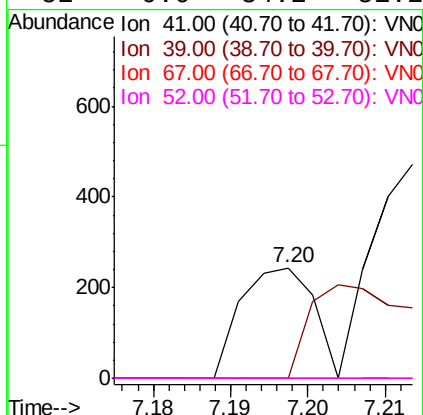
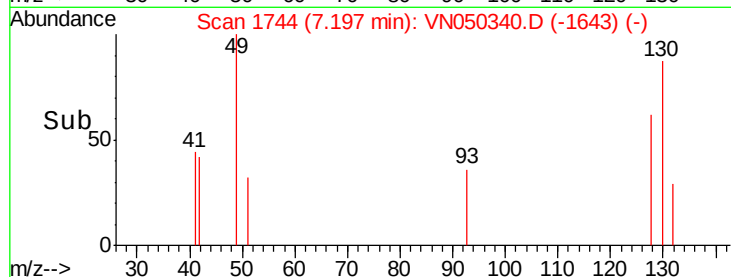
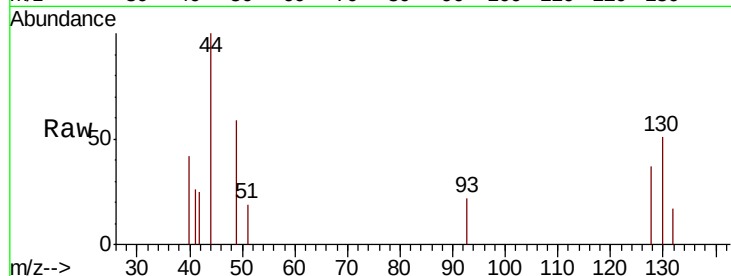




#41
Methacrylonitrile
Concen: 2.78 ug/l
RT: 7.20 min Scan# 1744
Delta R.T. 0.02 min
Lab File: VN050340.D
Acq: 4 Aug 2018 3:25

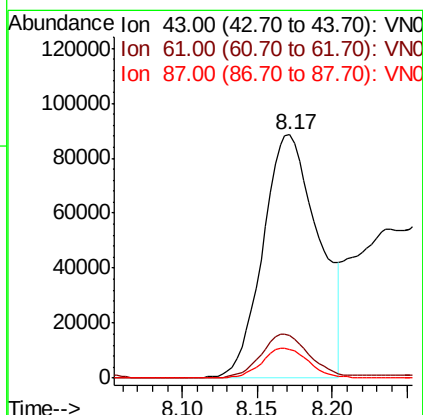
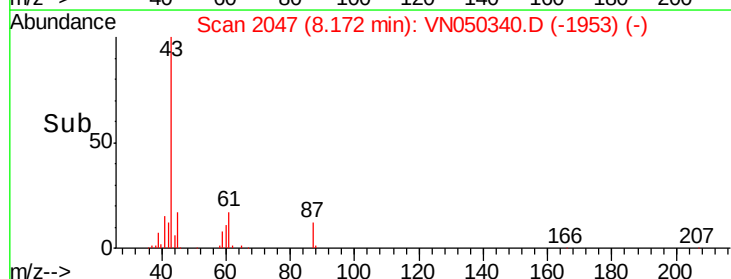
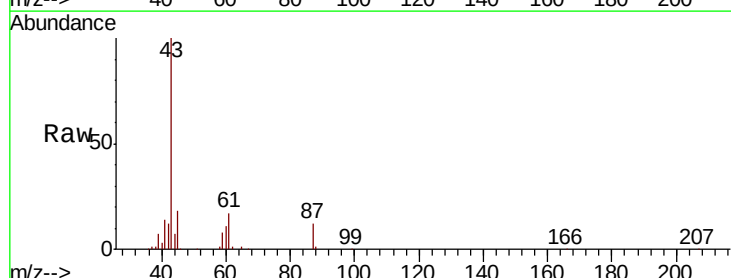
Instrument :
MSVOA_N
ClientSampled :
C-3

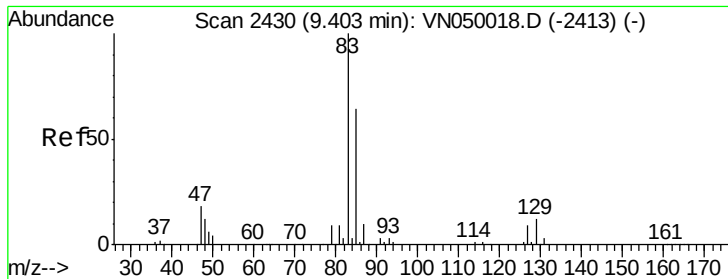
Tot Ion: 41 Resp: 159
Ion Ratio Lower Upper
41 100
39 107.5 55.8 83.6#
67 0.0 84.3 126.5#
52 0.0 34.2 51.2#



#43
Isopropyl Acetate
Concen: 13.29 ug/l
RT: 8.17 min Scan# 2047
Delta R.T. 0.00 min
Lab File: VN050340.D
Acq: 4 Aug 2018 3:25

Tgt Ion: 43 Resp: 228504
Ion Ratio Lower Upper
43 100
61 15.7 15.8 23.6#
87 10.4 10.3 15.5





#47

Bromodichloromethane

Concen: 0.29 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN050340.D

Acq: 4 Aug 2018 3:25

Instrument :

MSVOA_N

ClientSampled :

C-3

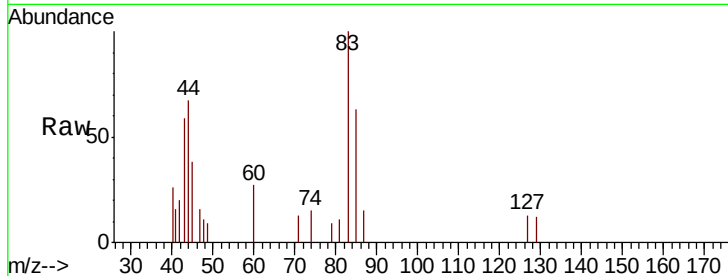
Tot Ion: 83 Resp: 3730

Ion Ratio Lower Upper

83 100

85 63.4 51.1 76.7

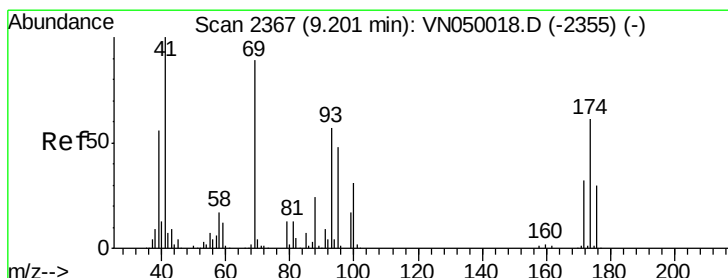
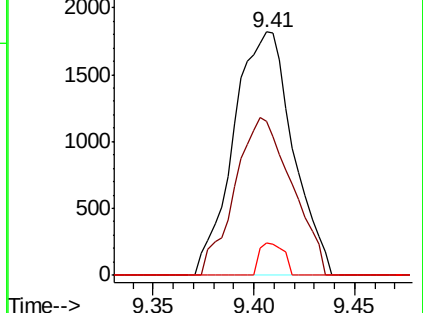
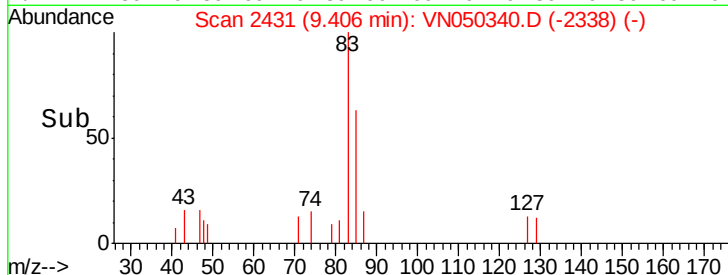
127 13.2 7.0 10.4#



Abundance Ion 82.90 (82.60 to 83.60): VN050340.D (-2438) (-)

Ion 84.90 (84.60 to 85.60): VN050340.D (-2438) (-)

Ion 126.80 (126.50 to 127.50): VN050340.D (-2438) (-)



#48

Methyl methacrylate

Concen: 0.84 ug/l

RT: 9.18 min Scan# 2360

Delta R.T. -0.03 min

Lab File: VN050340.D

Acq: 4 Aug 2018 3:25

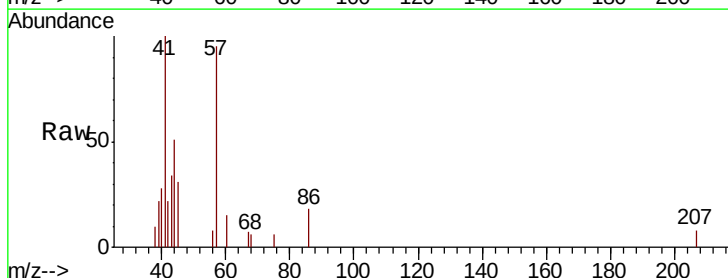
Tgt Ion: 41 Resp: 6233

Ion Ratio Lower Upper

41 100

69 0.0 70.6 105.8#

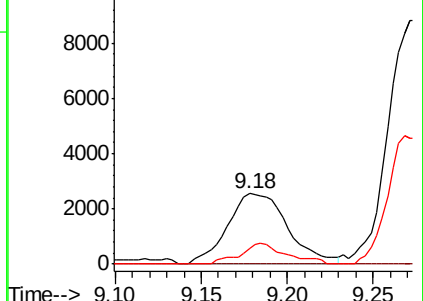
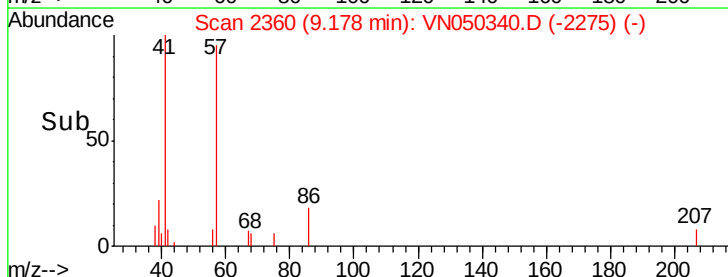
39 22.3 43.9 65.9#

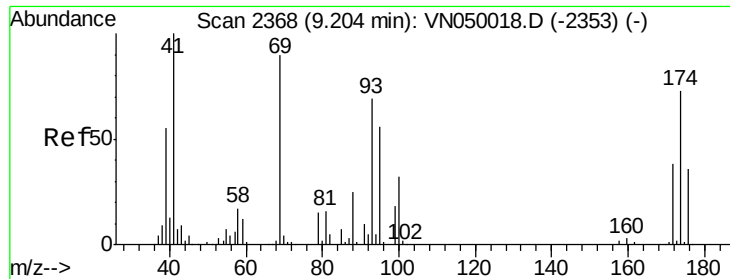


Abundance Ion 41.00 (40.70 to 41.70): VN050340.D (-2275) (-)

Ion 69.00 (68.70 to 69.70): VN050340.D (-2275) (-)

Ion 39.00 (38.70 to 39.70): VN050340.D (-2275) (-)





#49

1,4-Dioxane

Concen: 1.00 ug/l

RT: 9.21 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VN050340.D

Acq: 4 Aug 2018 3:25

Instrument :

MSVOA_N

ClientSampleId :

C-3

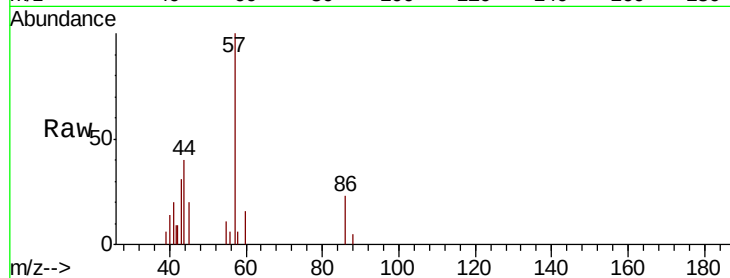
Tot Ion: 88 Resp: 101

Ion Ratio Lower Upper

88 100

43 0.0 26.9 40.3#

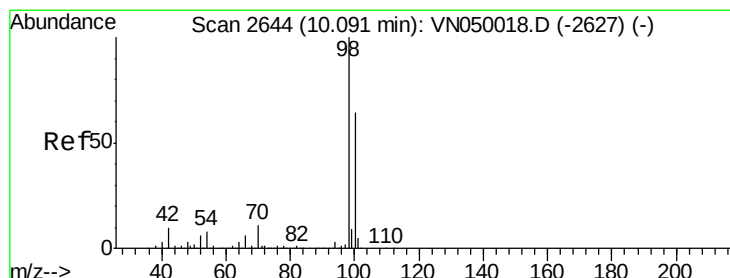
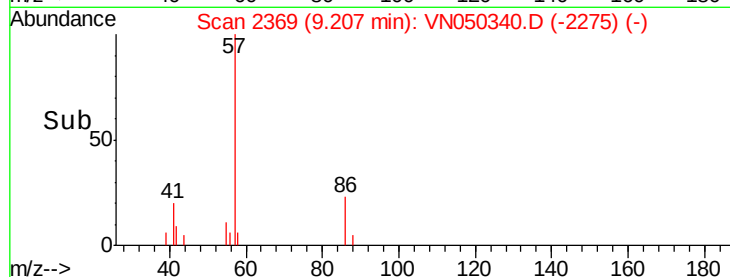
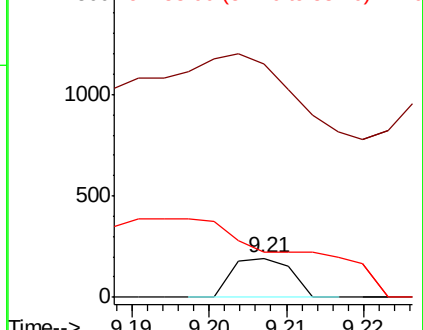
58 693.1 57.3 85.9#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 45.22 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050340.D

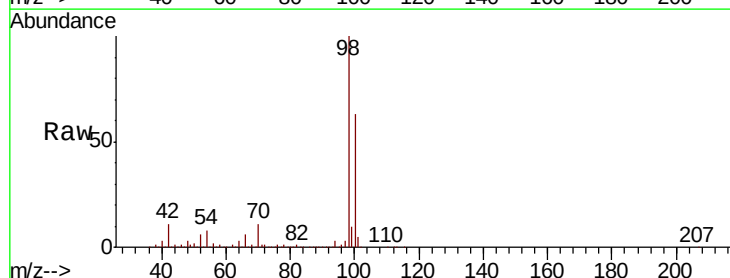
Acq: 4 Aug 2018 3:25

Tgt Ion: 98 Resp: 1483572

Ion Ratio Lower Upper

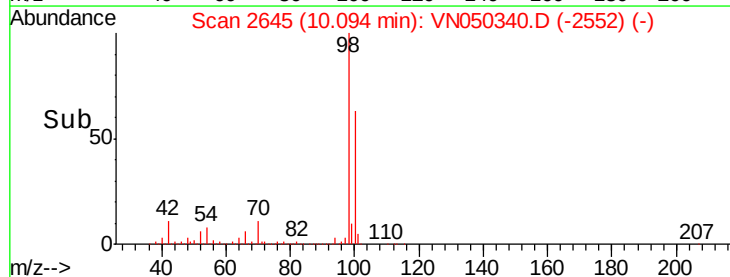
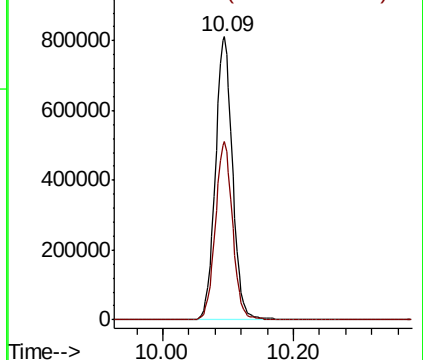
98 100

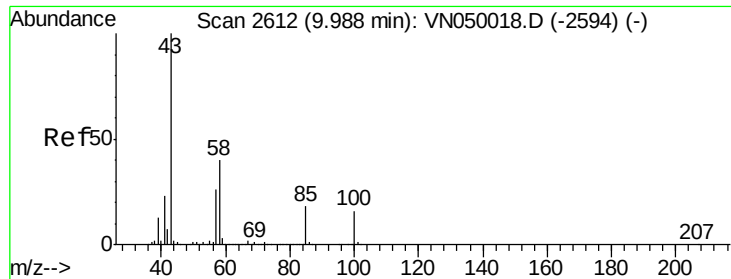
100 63.3 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

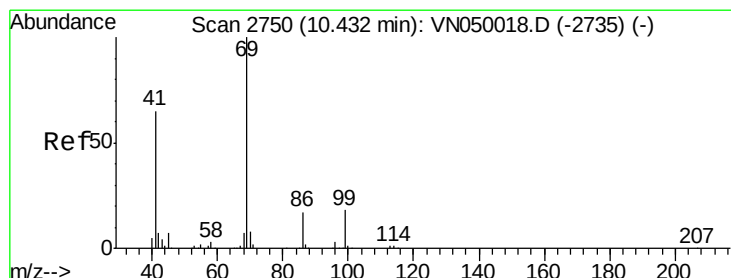
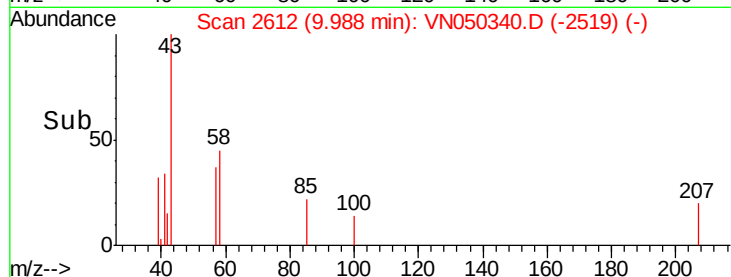
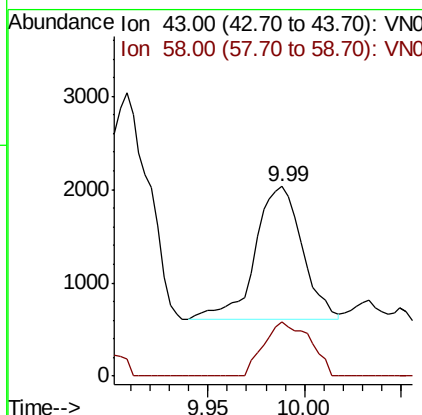
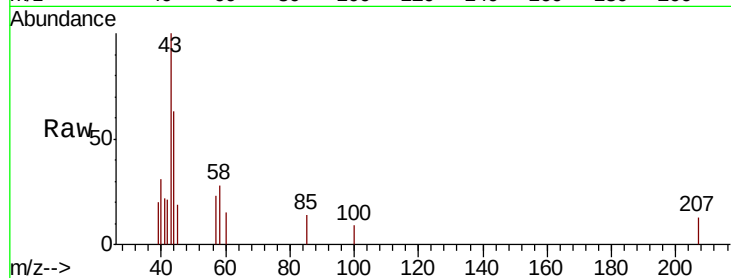




#51
4-Methyl-2-Pentanone
Concen: 0.29 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN050340.D
Acq: 4 Aug 2018 3:25

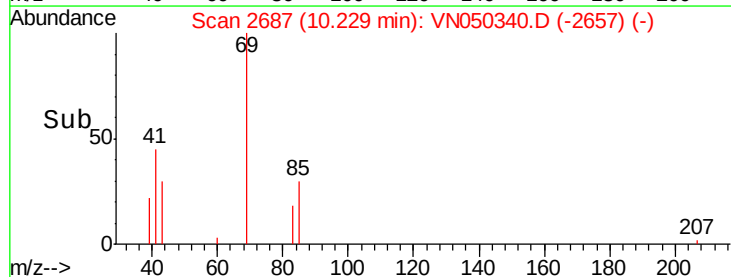
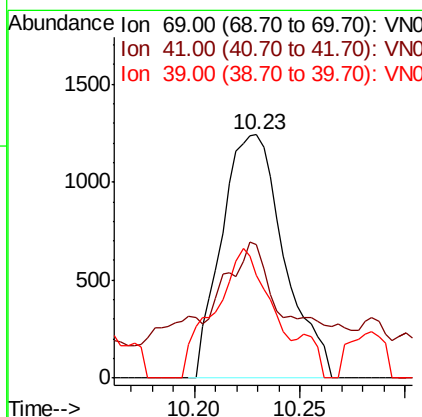
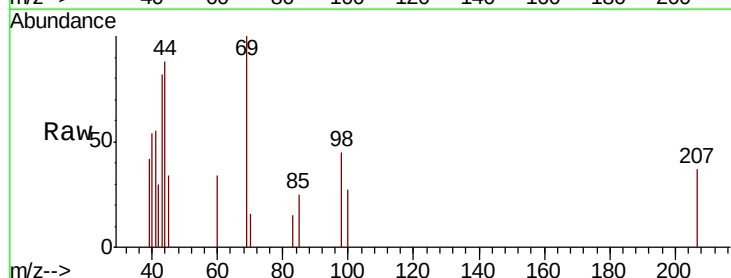
Instrument :
MSVOA_N
ClientSampled :
C-3

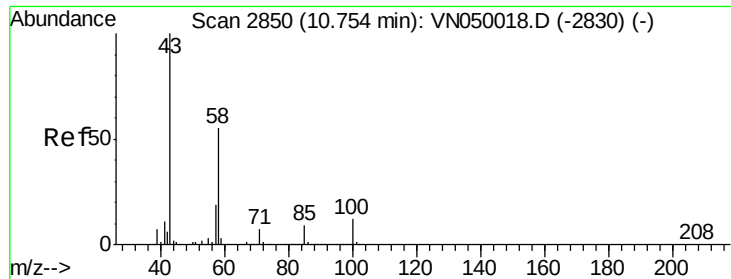
Tot Ion: 43 Resp: 2421
Ion Ratio Lower Upper
43 100
58 40.1 31.9 47.9



#56
Ethyl methacrylate
Concen: 2.24 ug/l
RT: 10.23 min Scan# 2687
Delta R.T. -0.20 min
Lab File: VN050340.D
Acq: 4 Aug 2018 3:25

Tgt Ion: 69 Resp: 2551
Ion Ratio Lower Upper
69 100
41 45.8 51.0 76.4#
39 47.5 26.6 40.0#





#59

2-Hexanone

Concen: 6.74 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050340.D

Acq: 4 Aug 2018 3:25

Instrument :

MSVOA_N

ClientSampled :

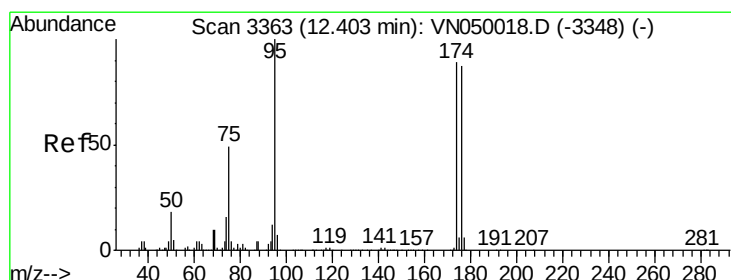
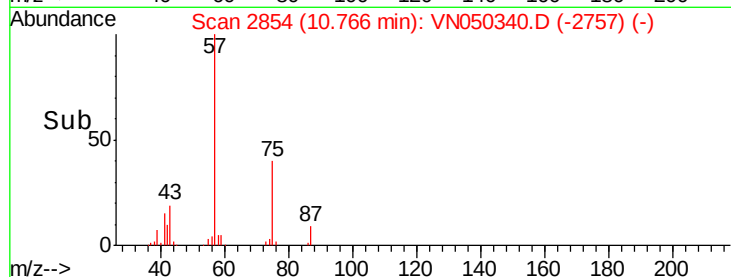
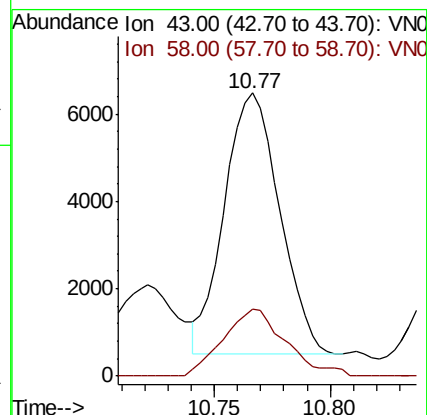
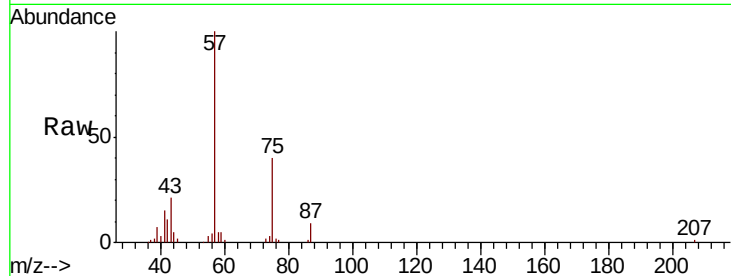
C-3

Tot Ion: 43 Resp: 9906

Ion Ratio Lower Upper

43 100

58 29.0 27.6 82.7



#62

4-Bromofluorobenzene

Concen: 37.72 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050340.D

Acq: 4 Aug 2018 3:25

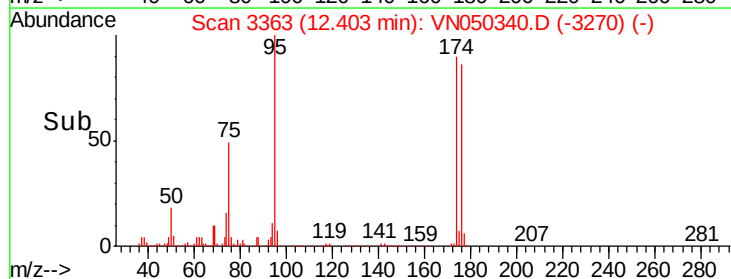
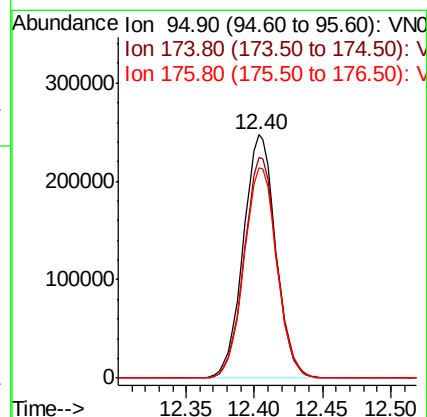
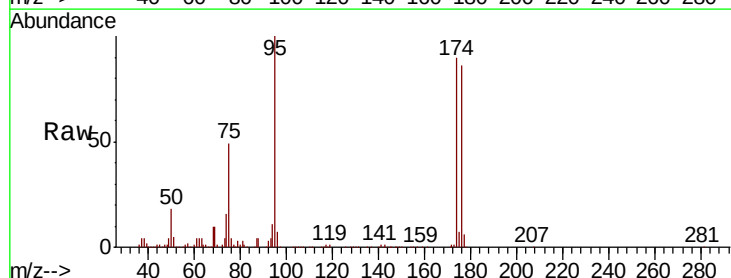
Tgt Ion: 95 Resp: 407488

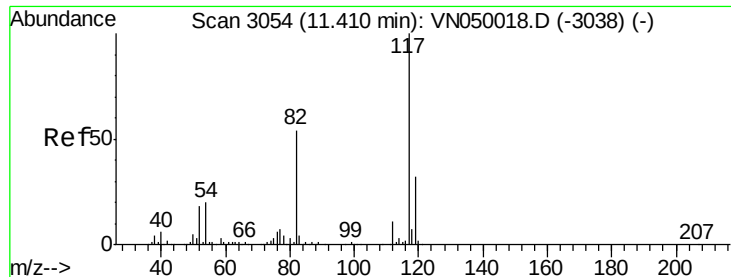
Ion Ratio Lower Upper

95 100

174 91.7 0.0 178.2

176 87.6 0.0 173.4

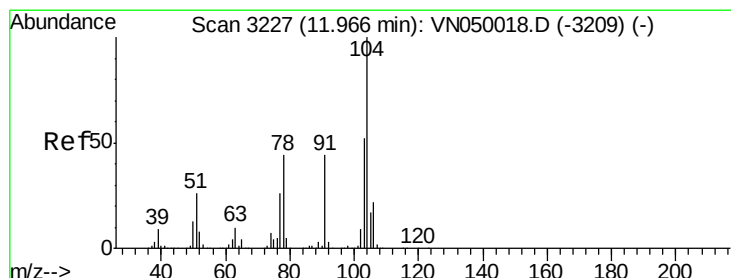
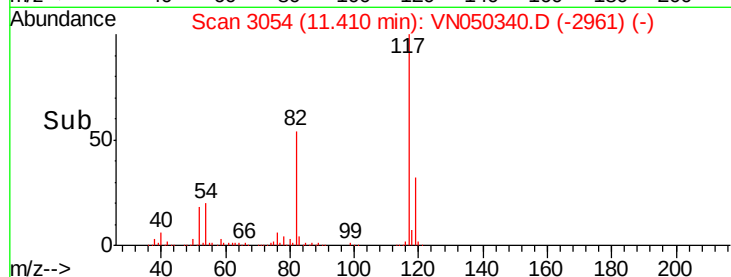
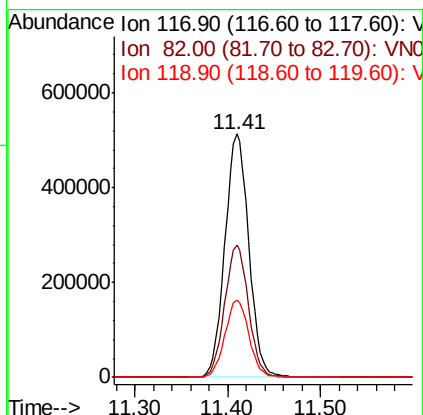
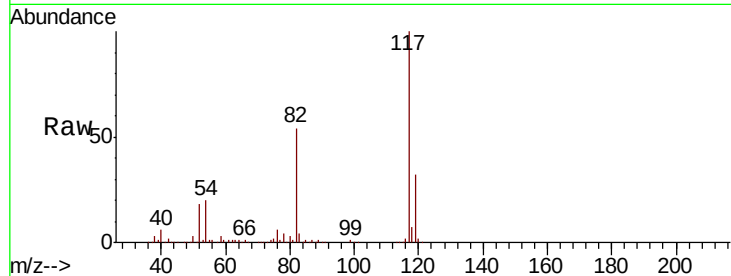




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050340.D
Acq: 4 Aug 2018 3:25

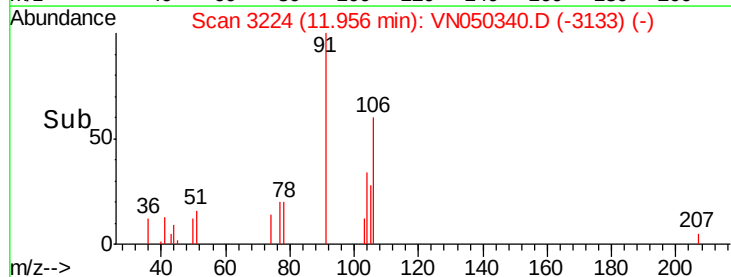
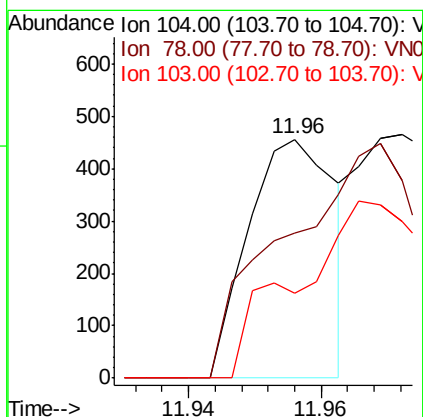
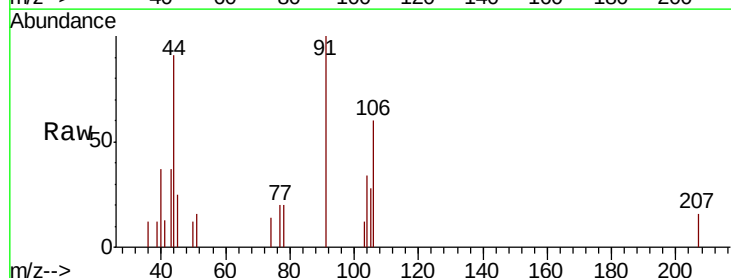
Instrument :
MSVOA_N
ClientSampled :
C-3

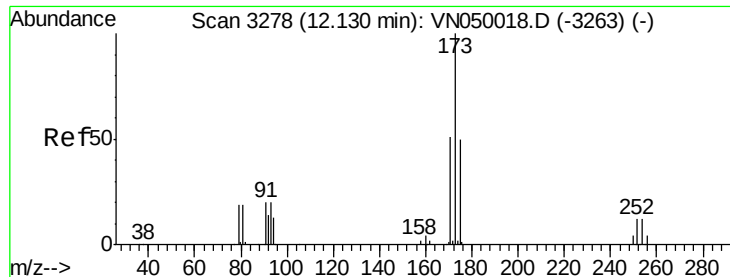
Tot Ion:117 Resp: 914452
Ion Ratio Lower Upper
117 100
82 54.2 43.7 65.5
119 31.8 26.1 39.1



#70
Styrene
Concen: 0.94 ug/l
RT: 11.96 min Scan# 3224
Delta R.T. -0.01 min
Lab File: VN050340.D
Acq: 4 Aug 2018 3:25

Tgt Ion:104 Resp: 416
Ion Ratio Lower Upper
104 100
78 143.3 39.3 58.9#
103 109.1 45.0 67.6#





#71

Bromoform

Concen: 0.64 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.28 min

Lab File: VN050340.D

Acq: 4 Aug 2018 3:25

Instrument :

MSVOA_N

ClientSampled :

C-3

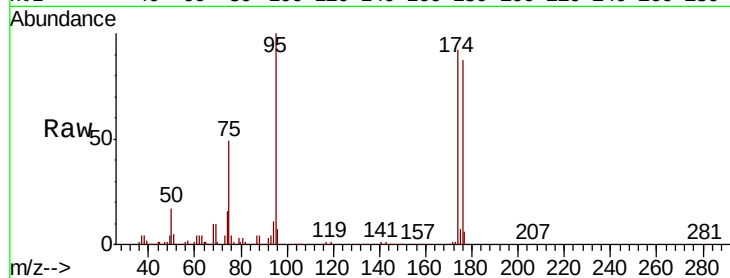
Tot Ion:173 Resp: 4164

Ion Ratio Lower Upper

173 100

175 576.2 24.1 72.2#

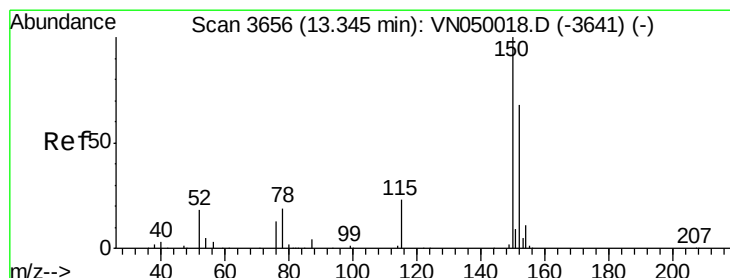
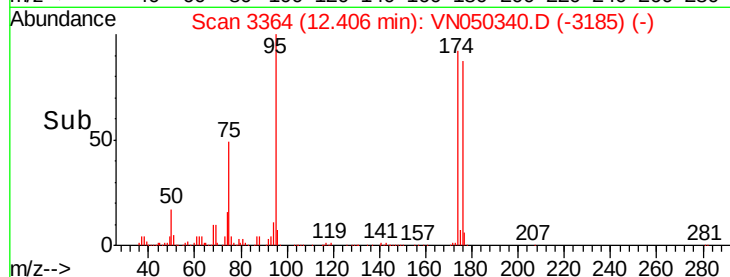
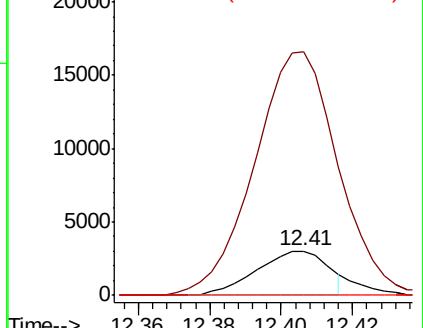
254 0.0 0.2 0.2#



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: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050340.D

Acq: 4 Aug 2018 3:25

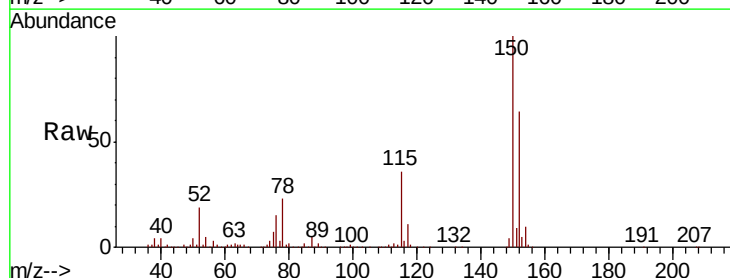
Tgt Ion:152 Resp: 341446

Ion Ratio Lower Upper

152 100

115 56.8 27.8 83.3

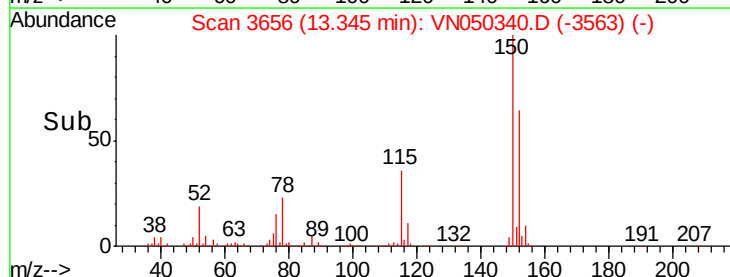
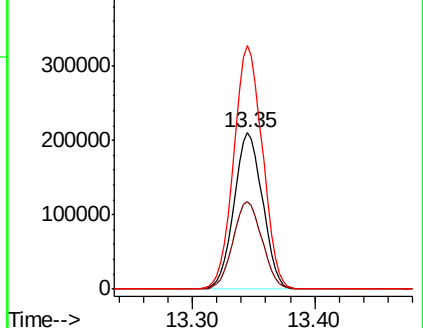
150 156.4 0.0 348.6

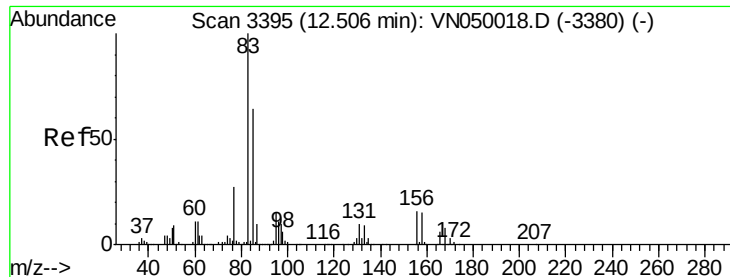


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3363

Delta R.T. -0.10 min

Lab File: VN050340.D

Acq: 4 Aug 2018 3:25

Instrument :

MSVOA_N

ClientSampled :

C-3

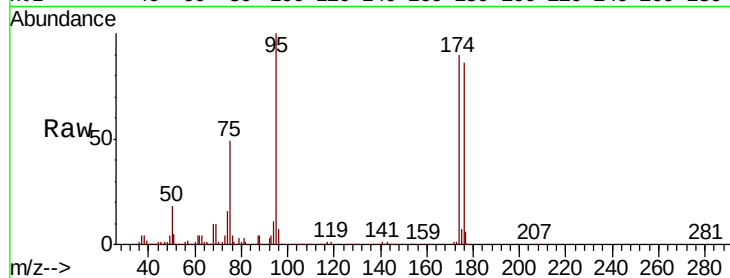
Tot Ion: 83 Resp: 257

Ion Ratio Lower Upper

83 100

131 105.4 5.1 15.3#

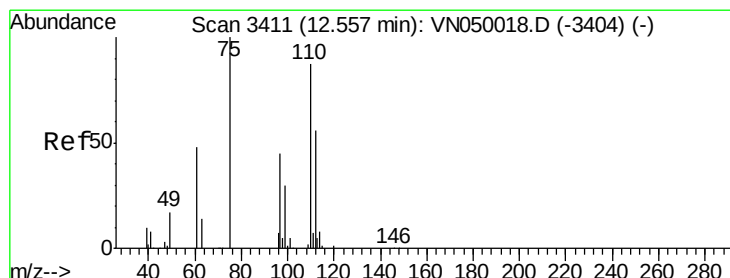
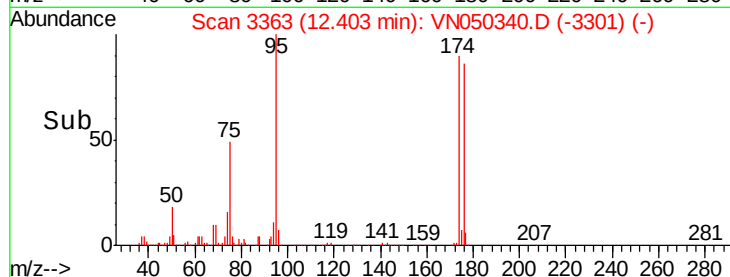
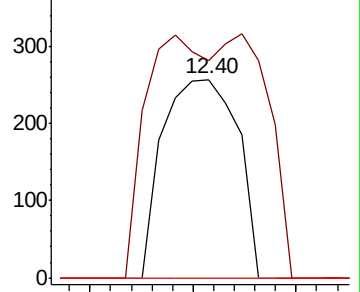
85 0.0 32.3 96.8#



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: 31.18 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050340.D

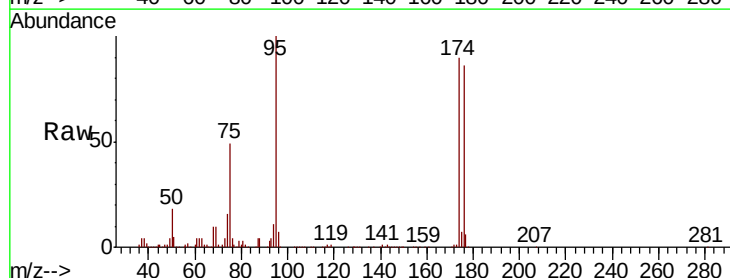
Acq: 4 Aug 2018 3:25

Tgt Ion: 75 Resp: 197829

Ion Ratio Lower Upper

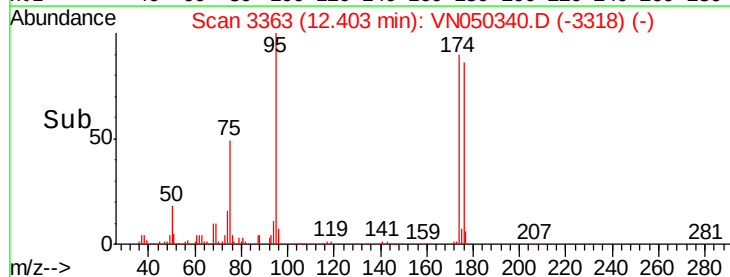
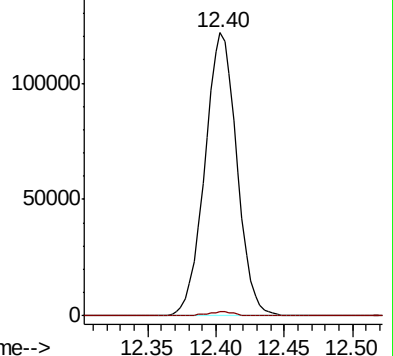
75 100

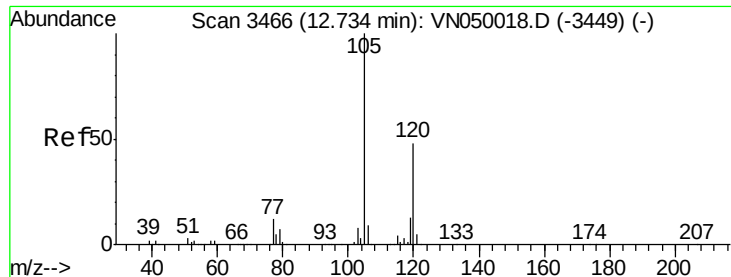
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#80

1,3,5-Trimethylbenzene

Concen: 0.33 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050340.D

Acq: 4 Aug 2018 3:25

Instrument :

MSVOA_N

ClientSampled :

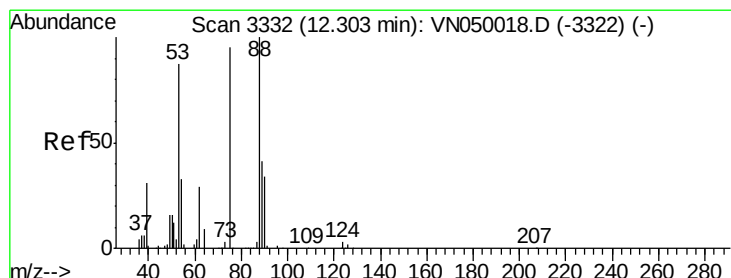
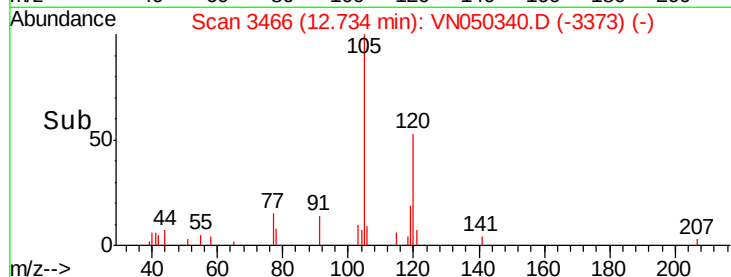
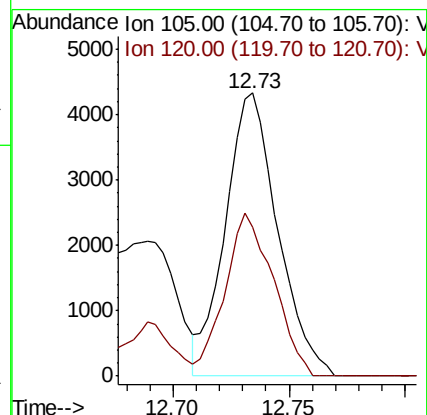
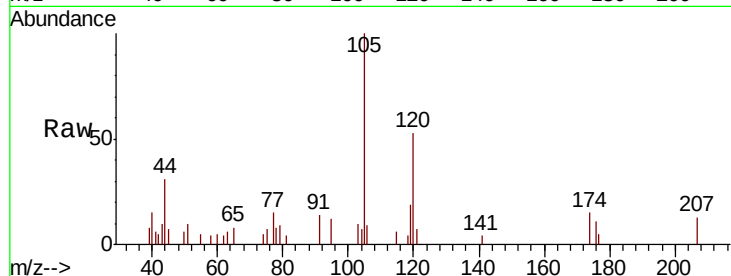
C-3

Tot Ion:105 Resp: 6792

Ion Ratio Lower Upper

105 100

120 53.4 24.4 73.2



#81

trans-1,4-Dichloro-2-butene

Concen: 98.89 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050340.D

Acq: 4 Aug 2018 3:25

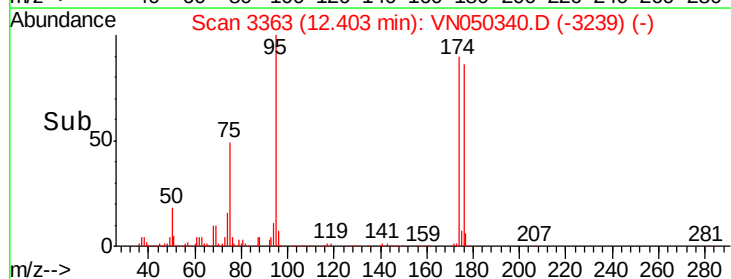
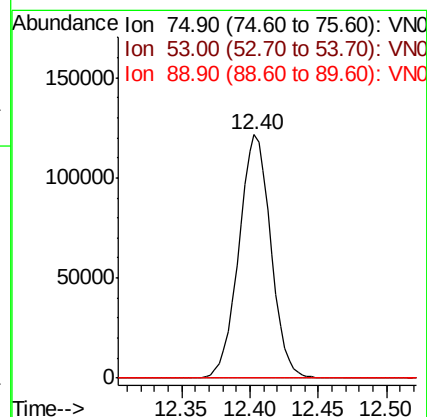
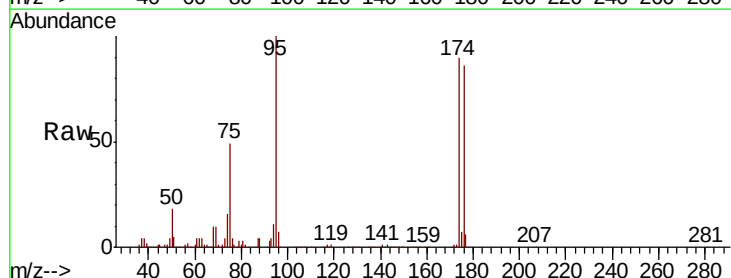
Tgt Ion: 75 Resp: 197829

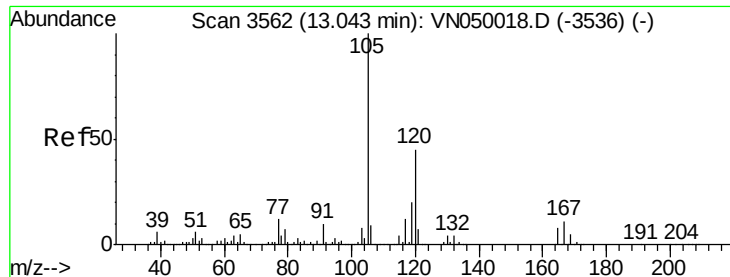
Ion Ratio Lower Upper

75 100

53 0.2 73.5 110.3#

89 0.0 36.0 54.0#

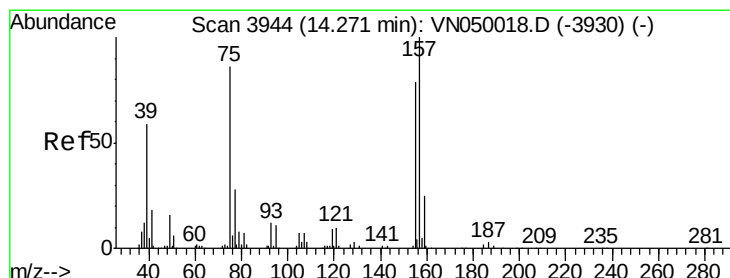
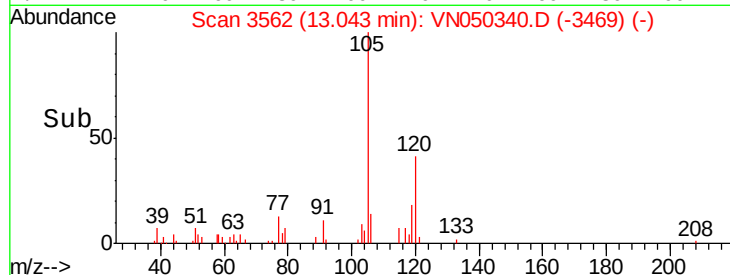
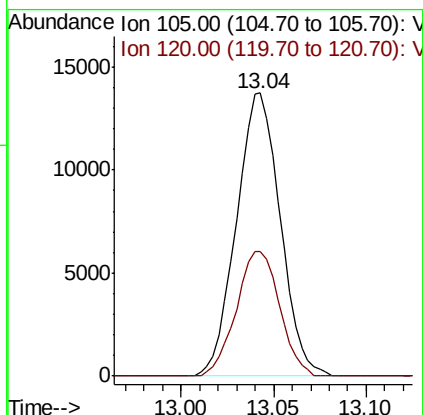
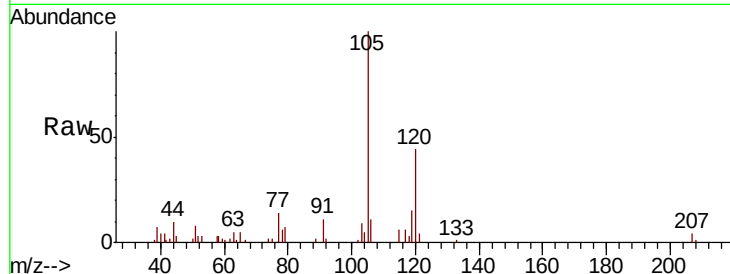




#84
 1,2,4-Trimethylbenzene
 Concen: 1.08 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN050340.D
 Acq: 4 Aug 2018 3:25

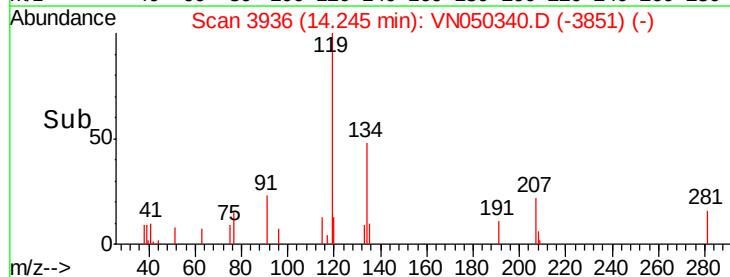
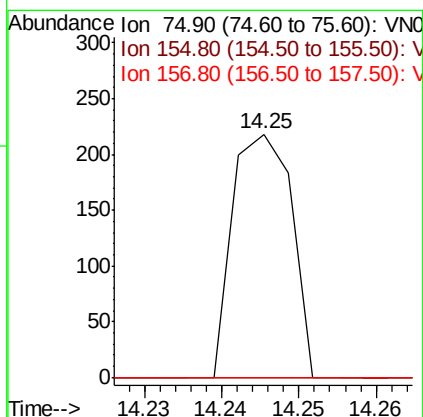
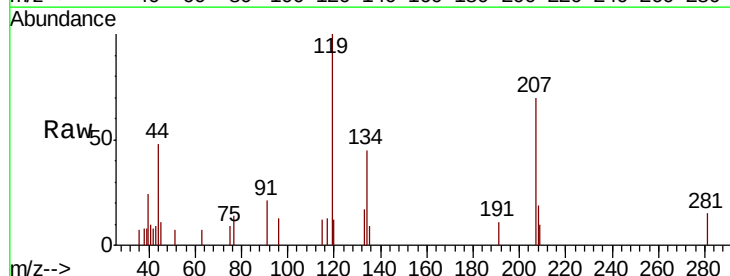
Instrument :
 MSVOA_N
 ClientSampled :
 C-3

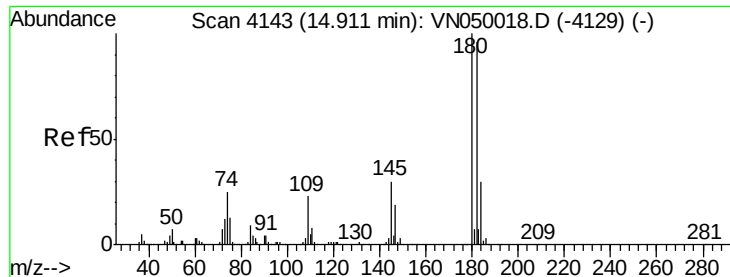
Tot Ion:105 Resp: 22606
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.9 68.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.25 min Scan# 3936
 Delta R.T. -0.03 min
 Lab File: VN050340.D
 Acq: 4 Aug 2018 3:25

Tgt Ion: 75 Resp: 116
 Ion Ratio Lower Upper
 75 100
 155 0.0 44.8 134.4#
 157 0.0 57.2 171.6#

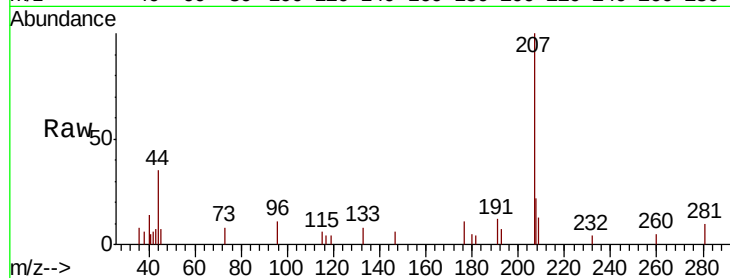




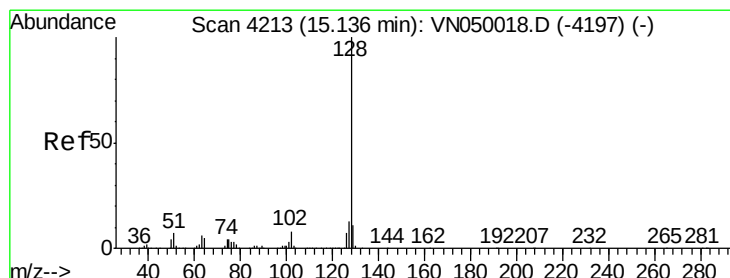
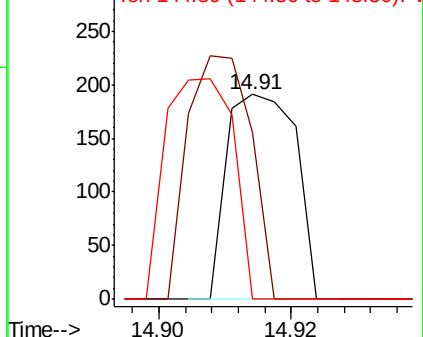
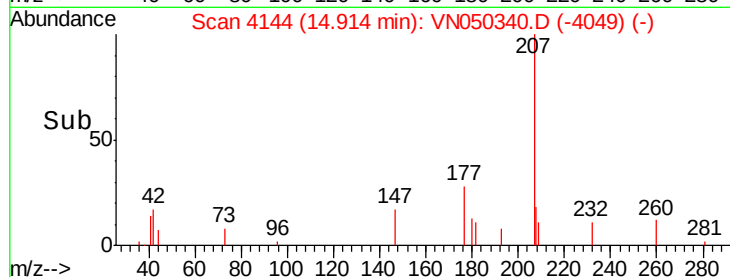
#93
 1,2,4-Trichlorobenzene
 Concen: 3.11 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN050340.D
 Acq: 4 Aug 2018 3:25

Instrument :
 MSVOA_N
 ClientSampleId :
 C-3

Tot Ion:180 Resp: 138
 Ion Ratio Lower Upper
 180 100
 182 109.4 46.7 140.1
 145 106.5 13.8 41.4#

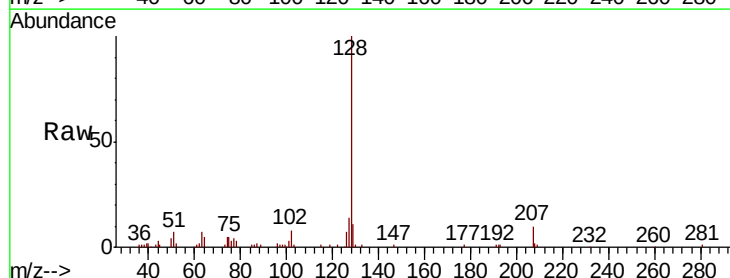


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 8.39 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN050340.D
 Acq: 4 Aug 2018 3:25

Tgt Ion:128 Resp: 67916
 Ion Ratio Lower Upper
 128 100
 127 13.6 10.4 15.6
 129 10.5 8.8 13.2



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

