

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061818\
 Data File : VN049338.D
 Acq On : 18 Jun 2018 13:03
 Operator : MD\SY
 Sample : J3524-01ME
 Misc : 4.79g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 19 01:29:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1156825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1749122	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1540463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	587292	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	729723	47.56	ug/l	0.00
Spiked Amount			Recovery	=	95.12%	
35) Dibromofluoromethane	7.59	113	648434	45.82	ug/l	0.00
Spiked Amount			Recovery	=	91.64%	
50) Toluene-d8	10.09	98	2454044	45.54	ug/l	0.00
Spiked Amount			Recovery	=	91.08%	
62) 4-Bromofluorobenzene	12.40	95	746177	41.88	ug/l	0.00
Spiked Amount			Recovery	=	83.76%	

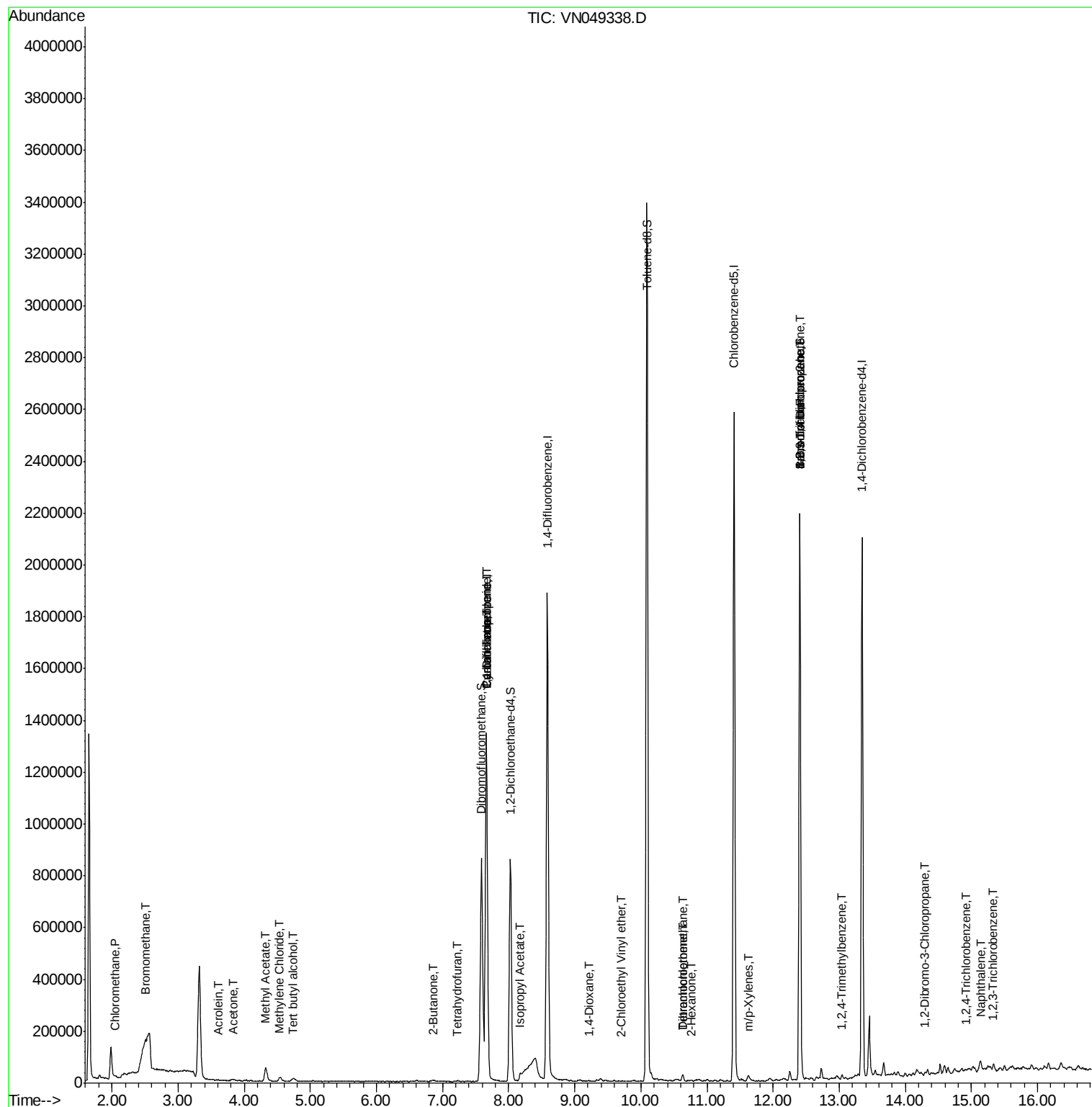
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.05	50	4631	0.27	ug/l	93
5) Bromomethane	2.51	94	3273	0.34	ug/l	96
11) Tert butyl alcohol	4.75	59	11058	12.28	ug/l #	70
13) Acrolein	3.61	56	502	0.53	ug/l #	1
16) Acetone	3.83	43	7214	1.94	ug/l #	81
18) Methyl Acetate	4.33	43	100601	8.86	ug/l	95
20) Methylene Chloride	4.54	84	5699	0.37	ug/l #	87
25) 2-Butanone	6.86	43	3810	0.76	ug/l	96
29) Tetrahydrofuran	7.22	42	3737	1.16	ug/l #	61
31) Cyclohexane	7.66	56	21954	0.79	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	81080	4.04	ug/l #	50
38) Carbon Tetrachloride	7.66	117	102084	4.92	ug/l #	18
43) Isopropyl Acetate	8.17	43	20424	0.98	ug/l #	66
49) 1,4-Dioxane	9.21	88	709	5.24	ug/l #	59
58) 2-Chloroethyl Vinyl ether	9.70	63	59	14.34	ug/l #	51
59) 2-Hexanone	10.76	43	1633	0.23	ug/l	82
60) Dibromochloromethane	10.63	129	5348	0.36	ug/l #	10
64) Tetrachloroethene	10.63	164	6195	0.39	ug/l	93
68) m/p-Xylenes	11.62	106	5054	0.20	ug/l	91
71) Bromoform	12.40	173	2002	0.21	ug/l #	28
75) 1,1,2,2-Tetrachloroethane	12.51	83	589	Below	Cal #	83
76) 1,2,3-Trichloropropane	12.40	75	359765	35.90	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	359765	113.47	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.04	105	9491	0.24	ug/l	96
90) Hexachloroethane	13.89	117	817	Below	Cal #	9
92) 1,2-Dibromo-3-Chloropropan	14.28	75	360	0.20	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.91	180	1562	4.88	ug/l #	65
94) Hexachlorobutadiene	15.02	225	1105	Below	Cal	95
95) Naphthalene	15.14	128	30498	3.94	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	1540	3.60	ug/l #	49

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

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Response via : Initial Calibration



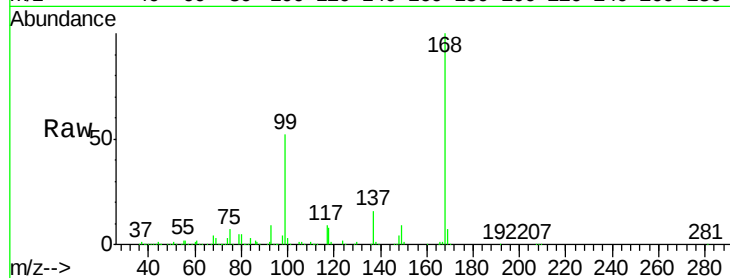


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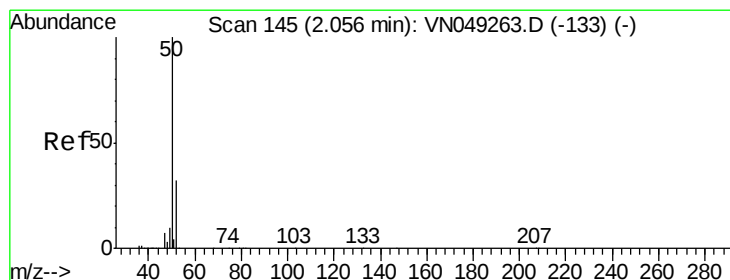
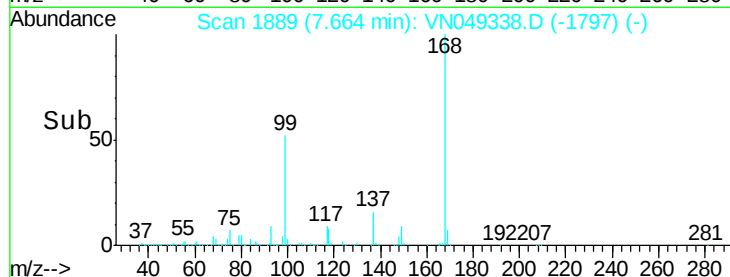
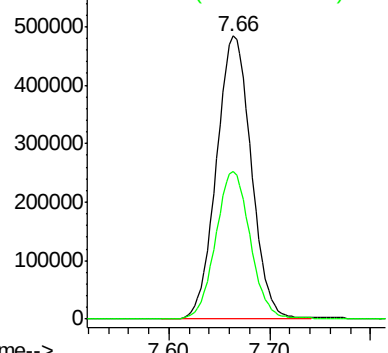
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.66 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VN049338.D
 Acq: 18 Jun 2018 13:03

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:168 Resp: 1156825
 Ion Ratio Lower Upper
 168 100
 99 52.0 45.8 68.6



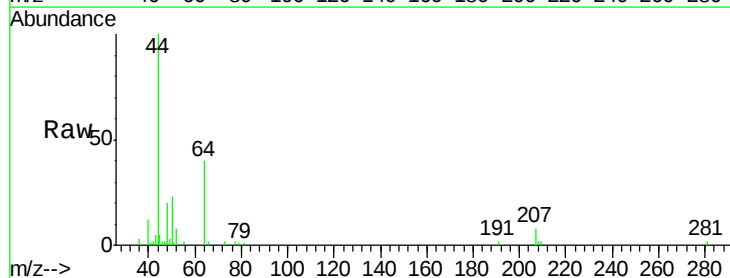
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VN0



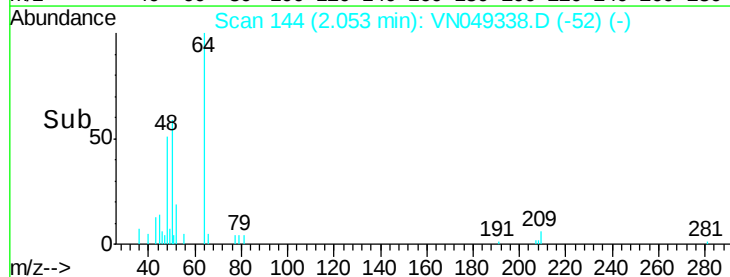
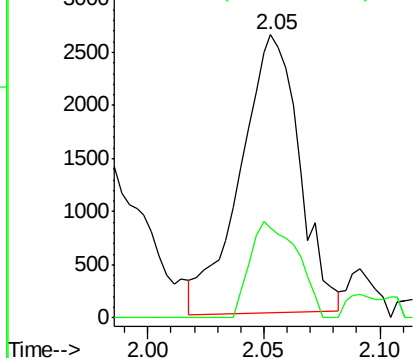
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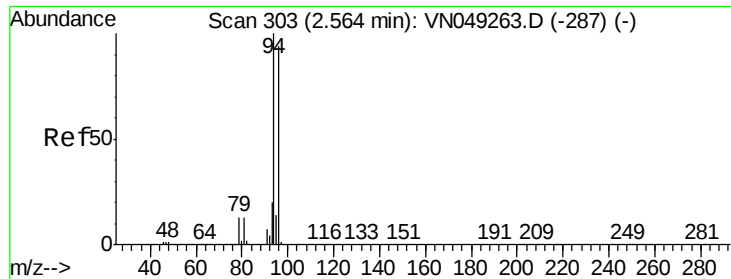
Chloromethane
 Concen: 0.27 ug/l
 RT: 2.05 min Scan# 144
 Delta R.T. -0.00 min
 Lab File: VN049338.D
 Acq: 18 Jun 2018 13:03

Tgt Ion: 50 Resp: 4631
 Ion Ratio Lower Upper
 50 100
 52 35.3 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN0
 Ion 51.90 (51.60 to 52.60): VN0





#5

Bromomethane

Concen: 0.34 ug/l

RT: 2.51 min Scan# 286

Delta R.T. -0.05 min

Lab File: VN049338.D

Acq: 18 Jun 2018 13:03

Instrument :

MSVOA_N

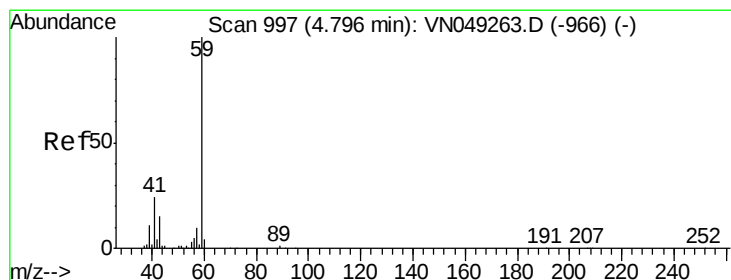
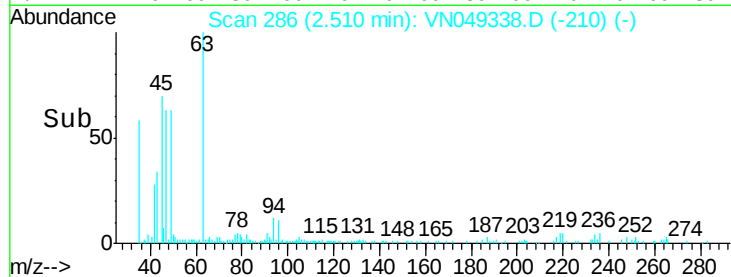
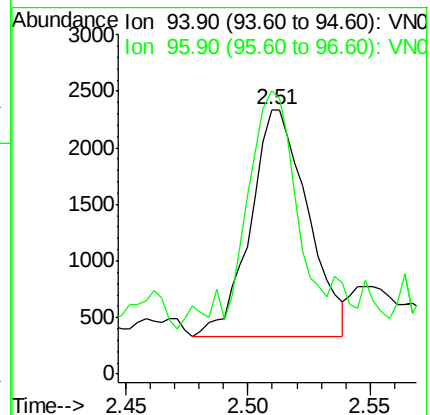
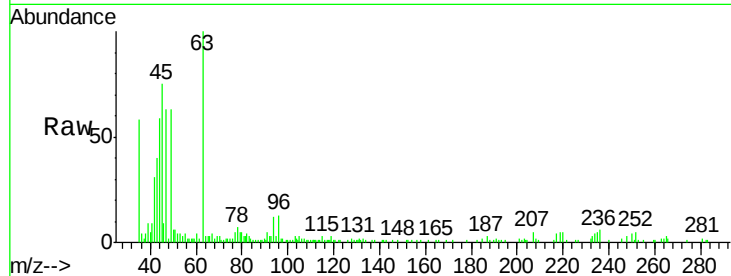
ClientSampled :

Tot Ion: 94 Resp: 3273

Ion Ratio Lower Upper

94 100

96 94.6 72.8 109.2



#11

Tert butyl alcohol

Concen: 12.28 ug/l

RT: 4.75 min Scan# 983

Delta R.T. -0.04 min

Lab File: VN049338.D

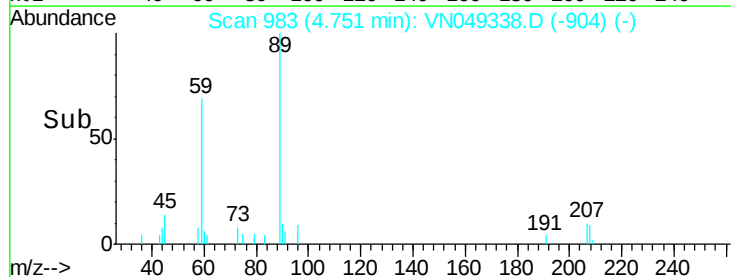
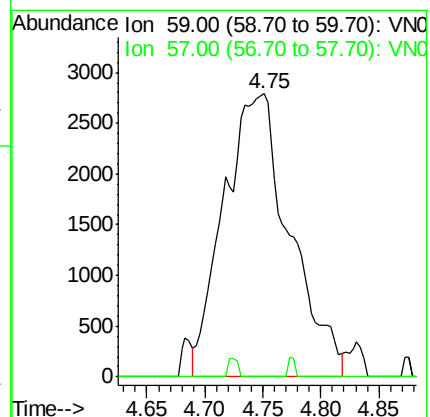
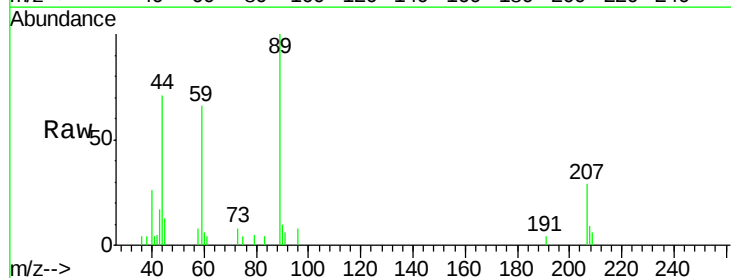
Acq: 18 Jun 2018 13:03

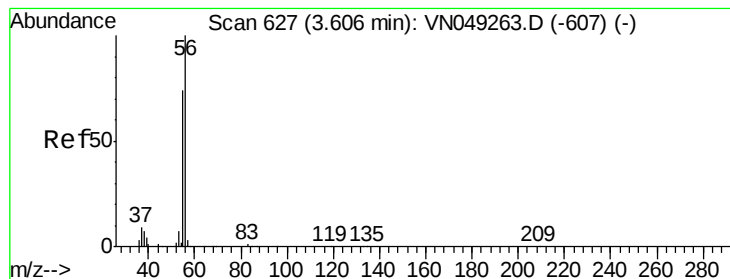
Tgt Ion: 59 Resp: 11058

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.6#





#13

Acrolein

Concen: 0.53 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN049338.D

Acq: 18 Jun 2018 13:03

Instrument :

MSVOA_N

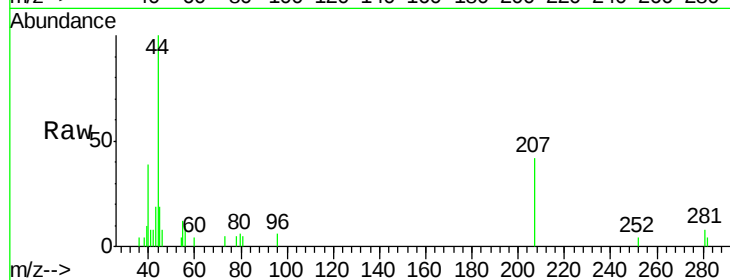
ClientSampleId :

Tot Ion: 56 Resp: 502

Ion Ratio Lower Upper

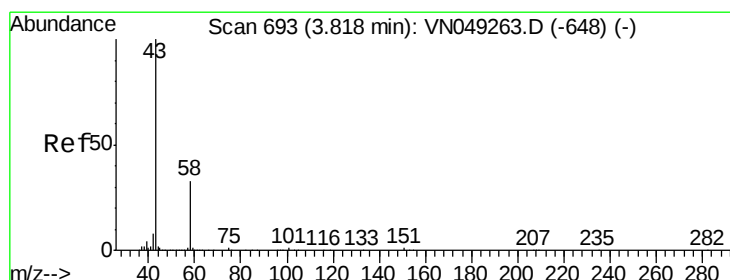
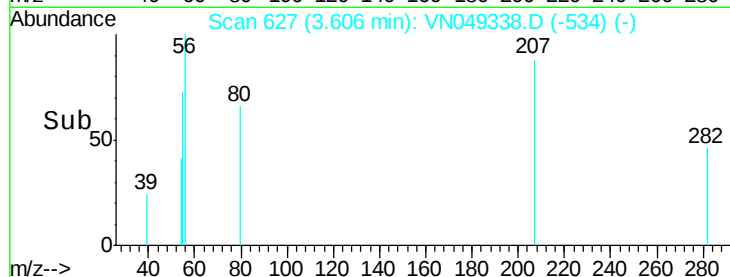
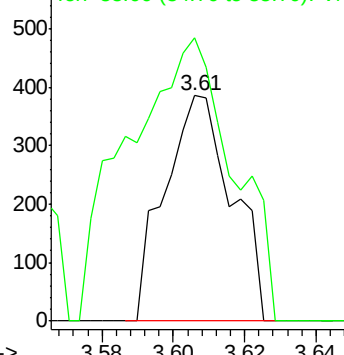
56 100

55 197.4 57.1 85.7#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 1.94 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN049338.D

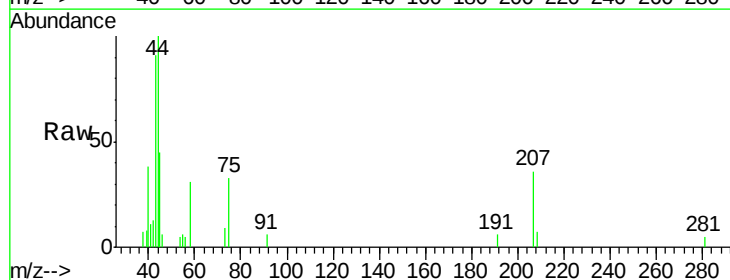
Acq: 18 Jun 2018 13:03

Tgt Ion: 43 Resp: 7214

Ion Ratio Lower Upper

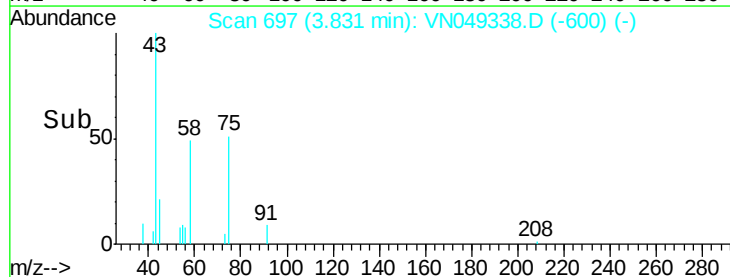
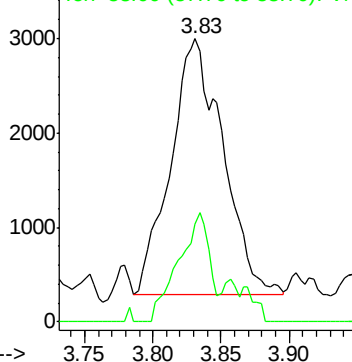
43 100

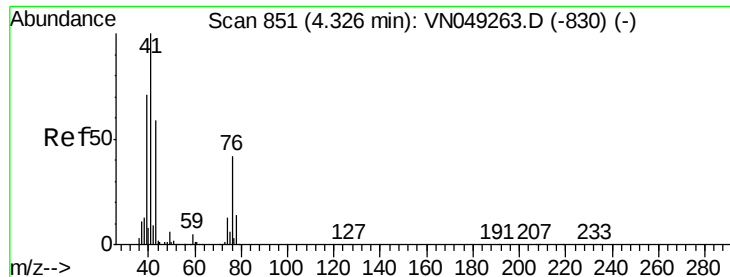
58 38.1 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

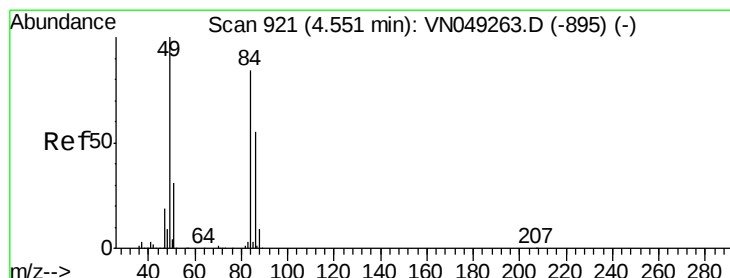
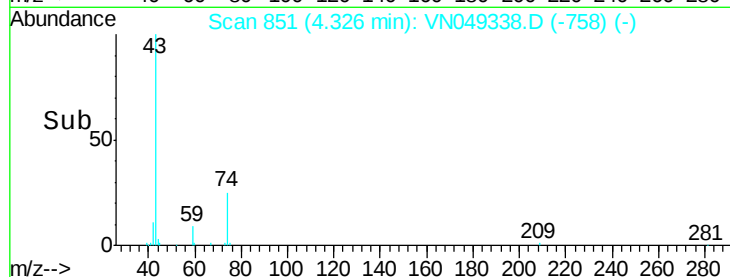
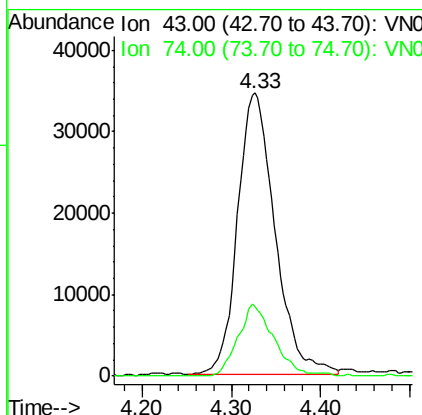
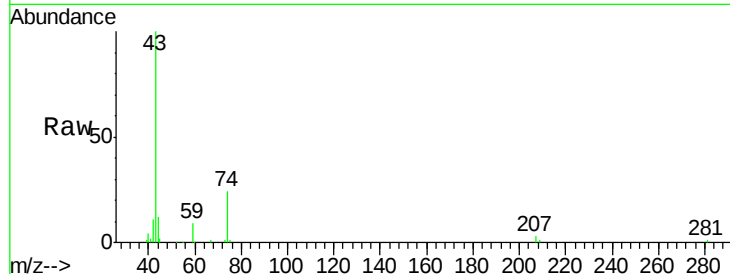




#18
Methvl Acetate
Concen: 8.86 ug/l
RT: 4.33 min Scan# 851
Delta R.T. 0.00 min
Lab File: VN049338.D
Acq: 18 Jun 2018 13:03

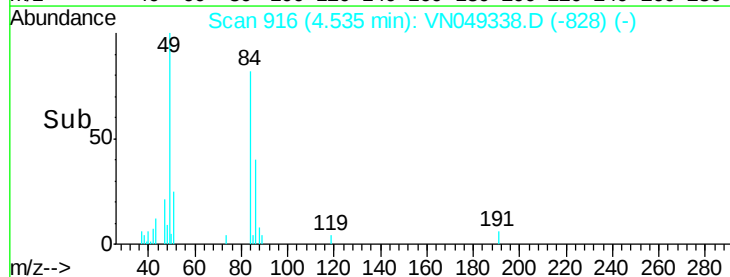
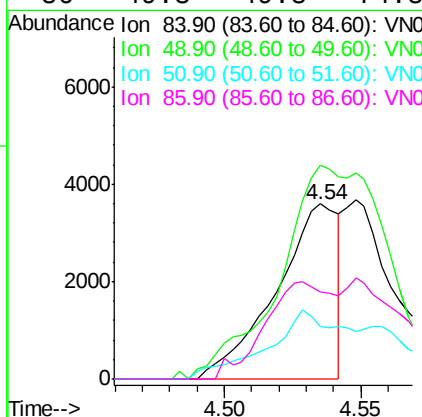
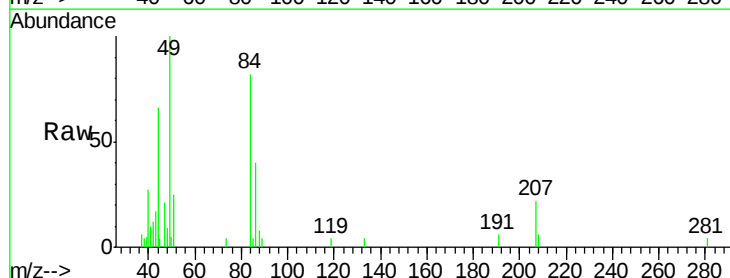
Instrument :
MSVOA_N
ClientSampleId :

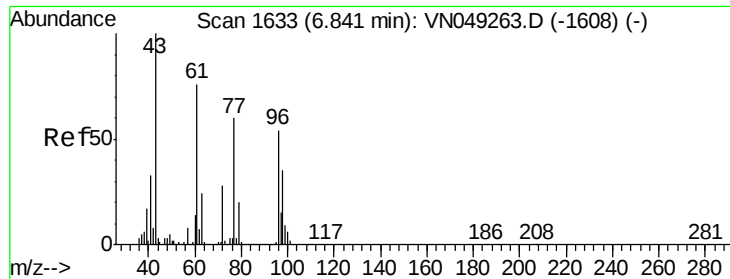
Tot Ion: 43 Resp: 100601
Ion Ratio Lower Upper
43 100
74 24.3 17.4 26.0



#20
Methylene Chloride
Concen: 0.37 ug/l
RT: 4.54 min Scan# 916
Delta R.T. -0.02 min
Lab File: VN049338.D
Acq: 18 Jun 2018 13:03

Tgt Ion: 84 Resp: 5699
Ion Ratio Lower Upper
84 100
49 121.9 106.9 160.3
51 30.2 32.7 49.1#
86 49.3 49.8 74.8#

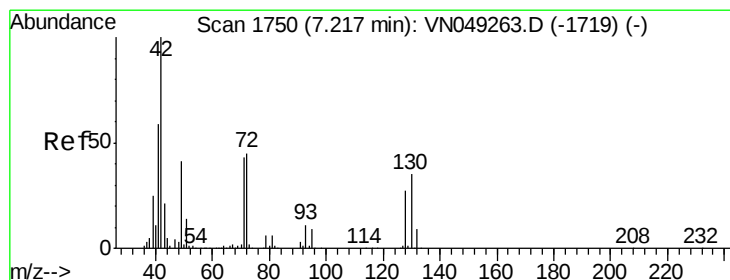
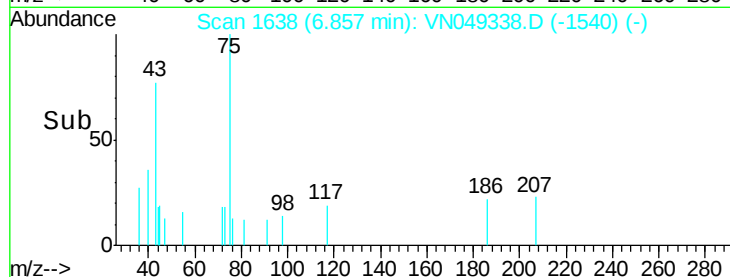
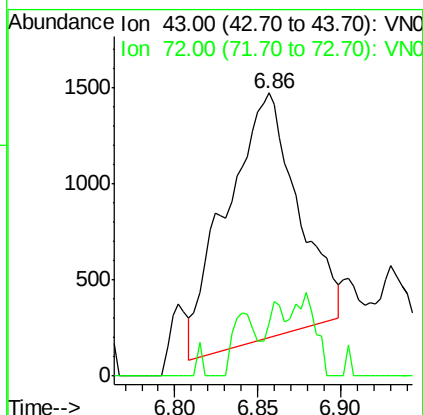
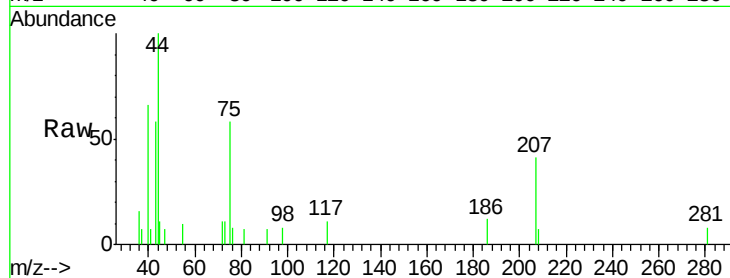




#25
2-Butanone
Concen: 0.76 ug/l
RT: 6.86 min Scan# 1638
Delta R.T. 0.02 min
Lab File: VN049338.D
Acq: 18 Jun 2018 13:03

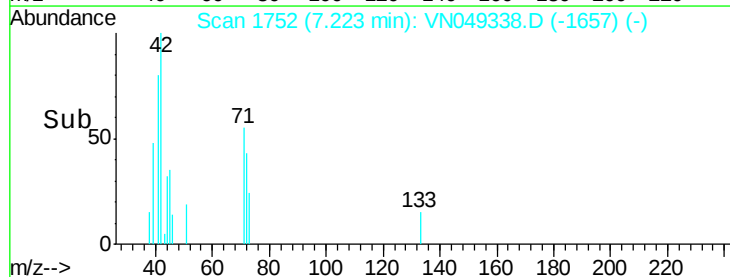
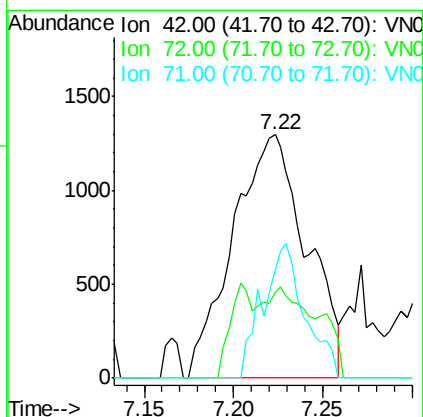
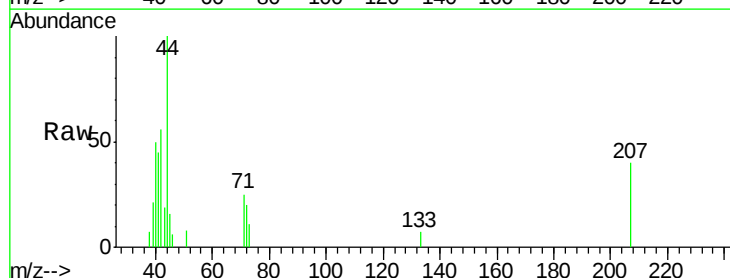
Instrument :
MSVOA_N
ClientSampleId :

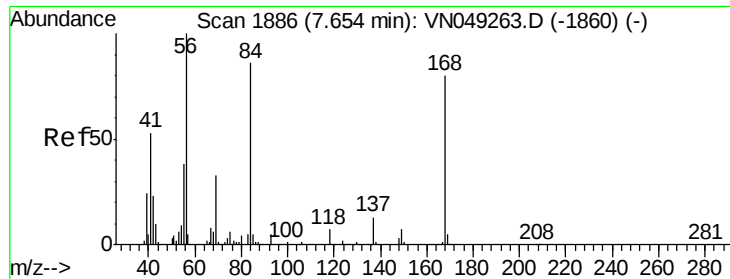
Tot Ion: 43 Resp: 3810
Ion Ratio Lower Upper
43 100
72 23.3 20.2 30.2



#29
Tetrahydrofuran
Concen: 1.16 ug/l
RT: 7.22 min Scan# 1752
Delta R.T. 0.01 min
Lab File: VN049338.D
Acq: 18 Jun 2018 13:03

Tgt Ion: 42 Resp: 3737
Ion Ratio Lower Upper
42 100
72 0.0 32.2 48.4#
71 31.4 30.5 45.7

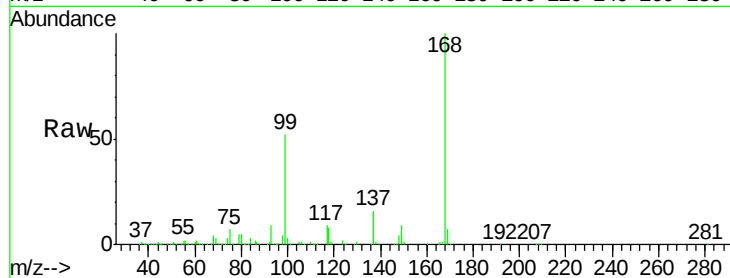




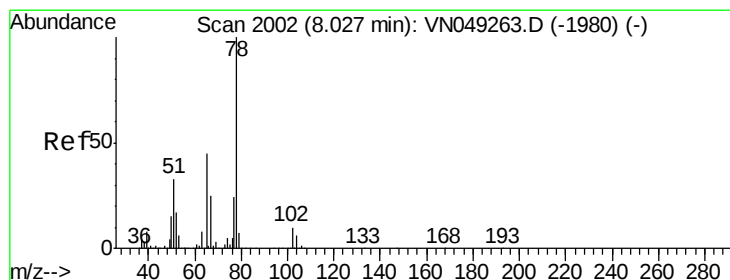
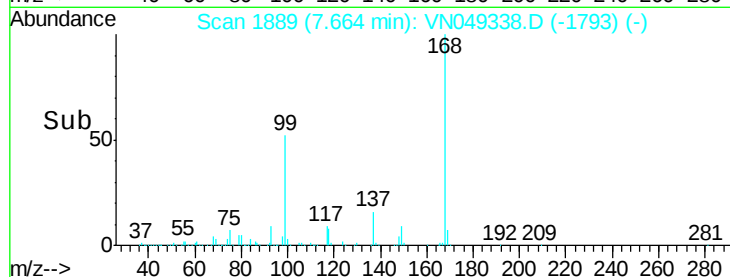
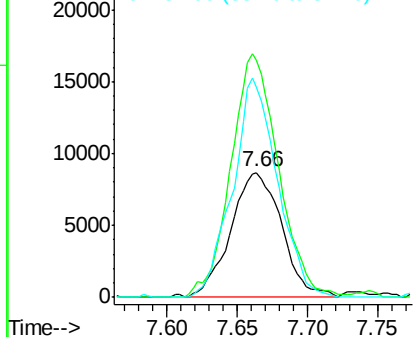
#31
Cyclohexane
Concen: 0.79 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VN049338.D
Acq: 18 Jun 2018 13:03

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 21954
Ion Ratio Lower Upper
56 100
69 187.9 25.0 37.4#
84 169.0 64.6 96.8#

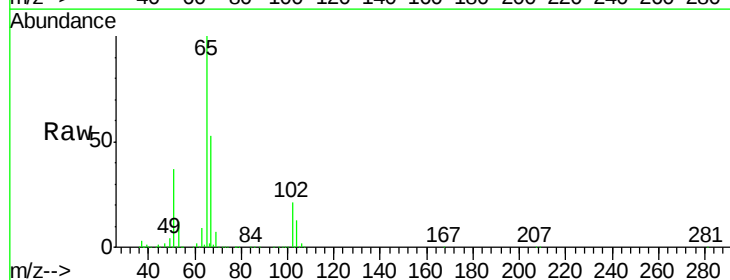


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

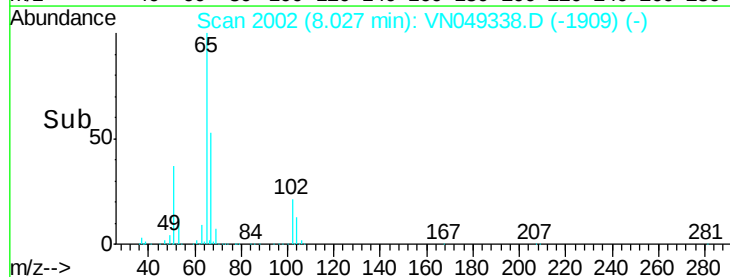
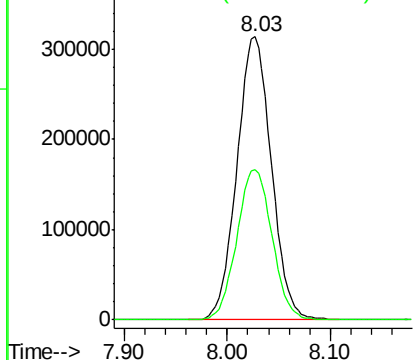


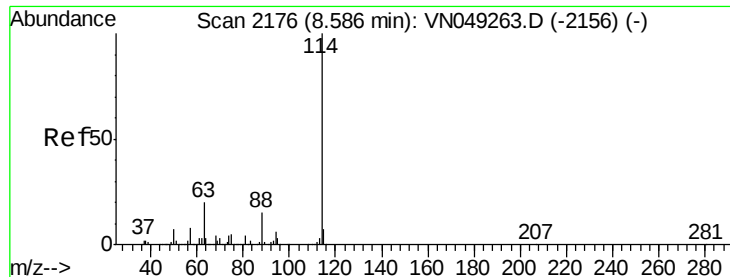
#33
1,2-Dichloroethane-d4
Concen: 47.56 ug/l
RT: 8.03 min Scan# 2002
Delta R.T. 0.00 min
Lab File: VN049338.D
Acq: 18 Jun 2018 13:03

Tgt Ion: 65 Resp: 729723
Ion Ratio Lower Upper
65 100
67 54.4 0.0 103.8



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





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049338.D

Acq: 18 Jun 2018 13:03

Instrument :

MSVOA_N

ClientSampled :

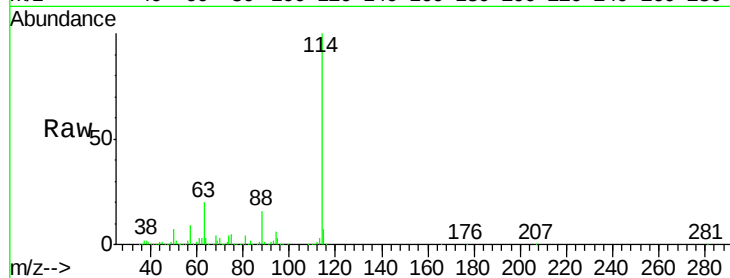
Tot Ion:114 Resp: 1749122

Ion Ratio Lower Upper

114 100

63 20.1 0.0 44.4

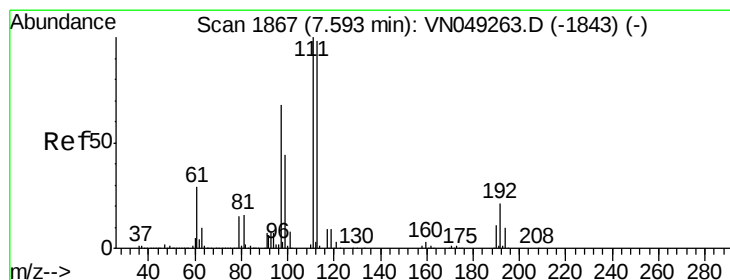
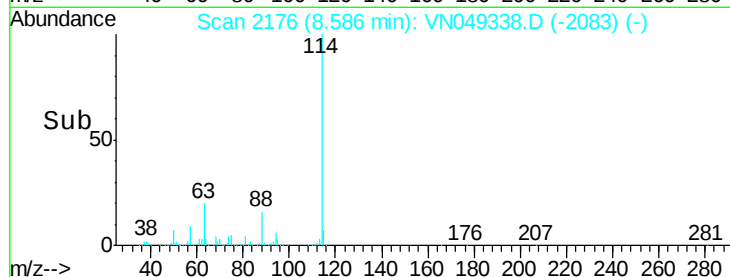
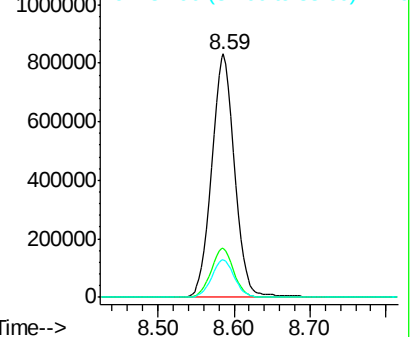
88 15.5 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 45.82 ug/l

RT: 7.59 min Scan# 1866

Delta R.T. -0.00 min

Lab File: VN049338.D

Acq: 18 Jun 2018 13:03

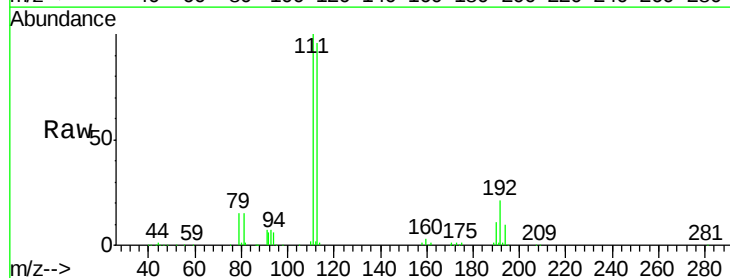
Tgt Ion:113 Resp: 648434

Ion Ratio Lower Upper

113 100

111 103.3 82.4 123.6

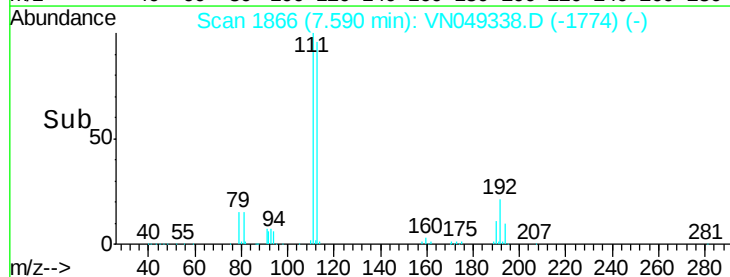
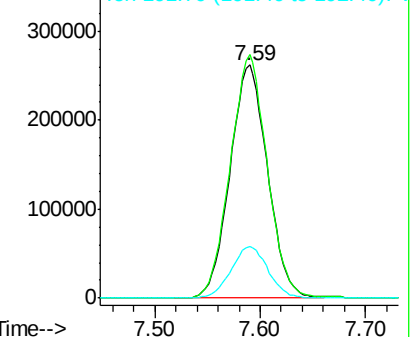
192 22.0 15.0 22.6

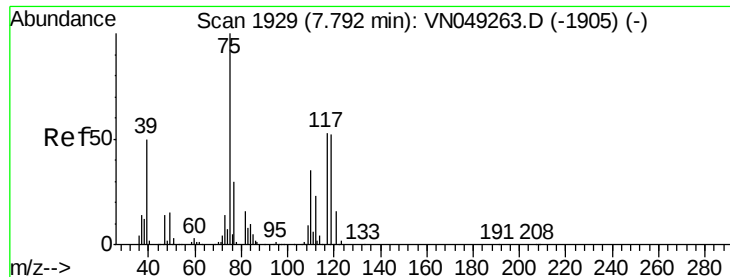


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

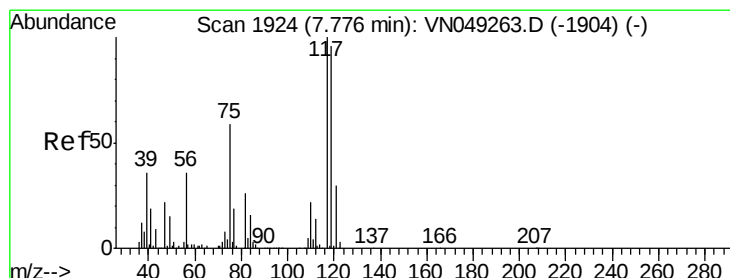
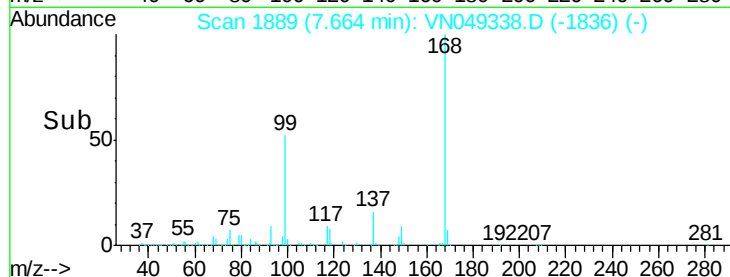
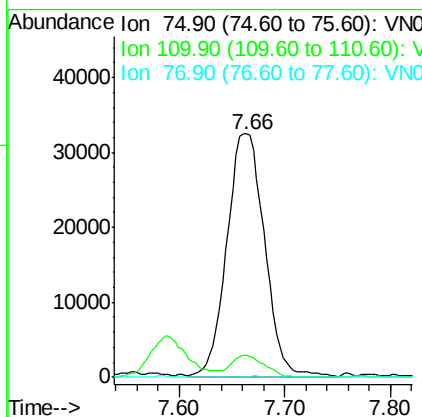
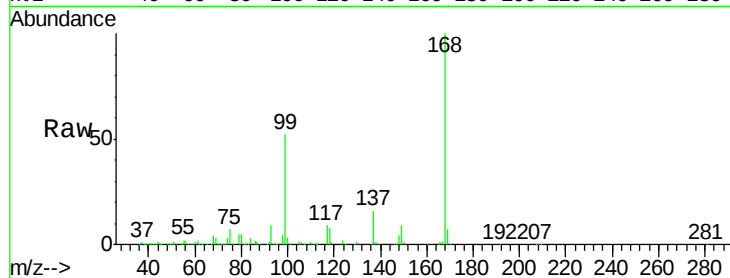




#36
 1,1-Dichloropropene
 Concen: 4.04 ug/l
 RT: 7.66 min Scan# 1889
 Delta R.T. -0.13 min
 Lab File: VN049338.D
 Acq: 18 Jun 2018 13:03

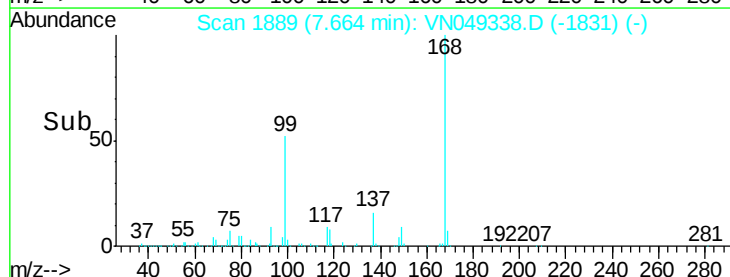
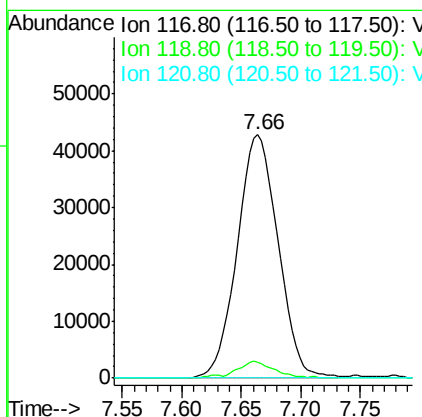
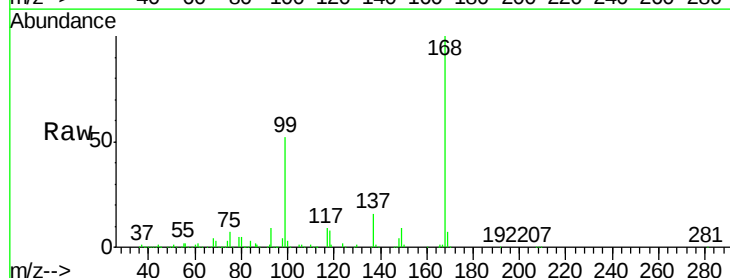
Instrument :
 MSVOA_N
 ClientSampleId :

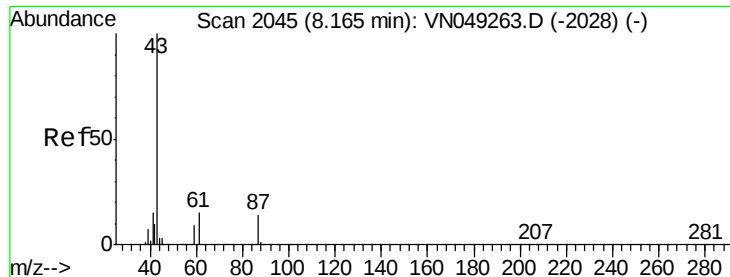
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.0	17.0	50.9#
77	0.1	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 4.92 ug/l
 RT: 7.66 min Scan# 1889
 Delta R.T. -0.11 min
 Lab File: VN049338.D
 Acq: 18 Jun 2018 13:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.3	75.6	113.4#
121	0.0	24.7	37.1#





#43

Isopropyl Acetate

Concen: 0.98 ug/l

RT: 8.17 min Scan# 2048

Delta R.T. 0.01 min

Lab File: VN049338.D

Acq: 18 Jun 2018 13:03

Instrument :

MSVOA_N

ClientSampleId :

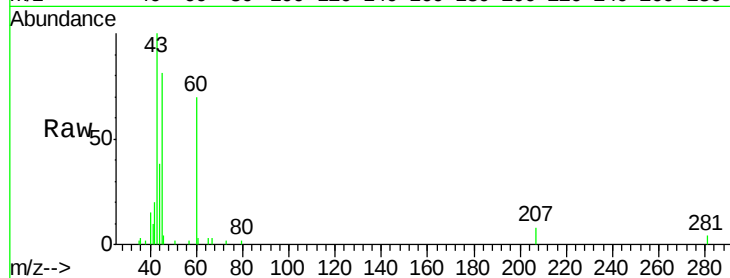
Tot Ion: 43 Resp: 20424

Ion Ratio Lower Upper

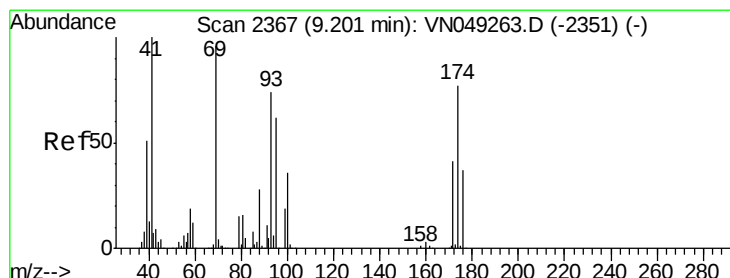
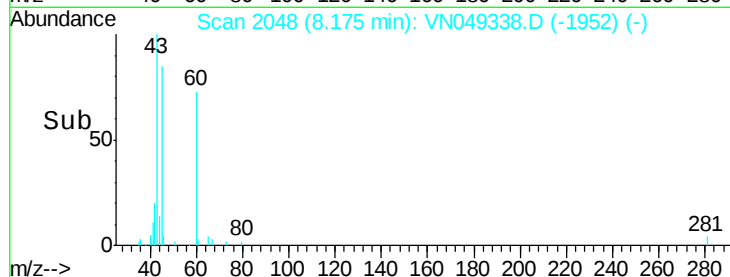
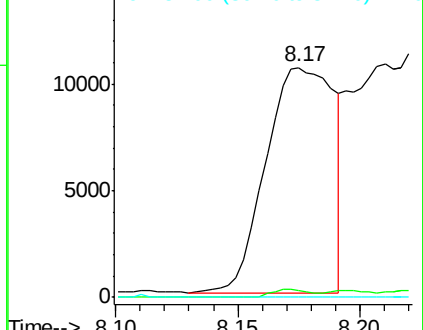
43 100

61 2.1 14.2 21.4#

87 0.0 9.4 14.0#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO



#49

1,4-Dioxane

Concen: 5.24 ug/l

RT: 9.21 min Scan# 2369

Delta R.T. 0.01 min

Lab File: VN049338.D

Acq: 18 Jun 2018 13:03

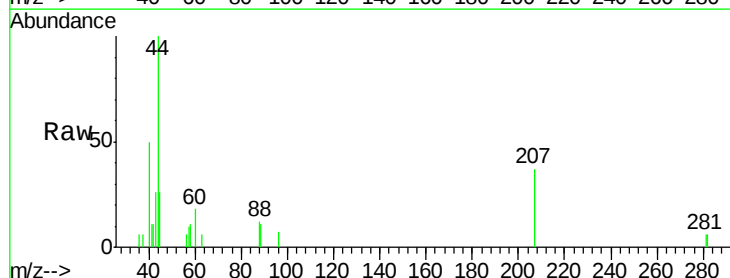
Tgt Ion: 88 Resp: 709

Ion Ratio Lower Upper

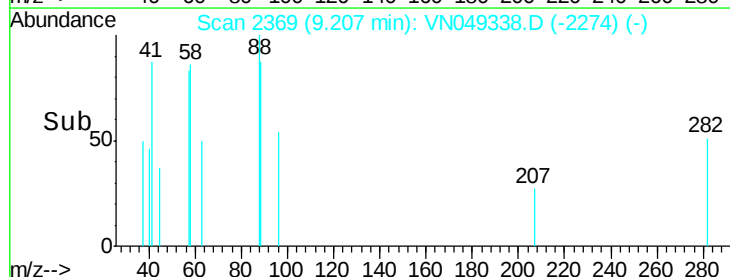
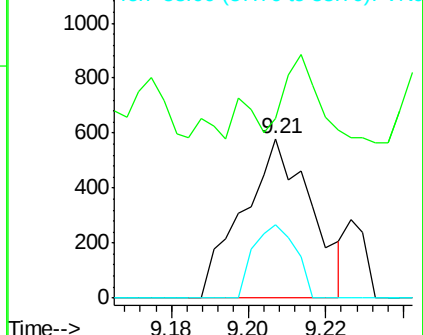
88 100

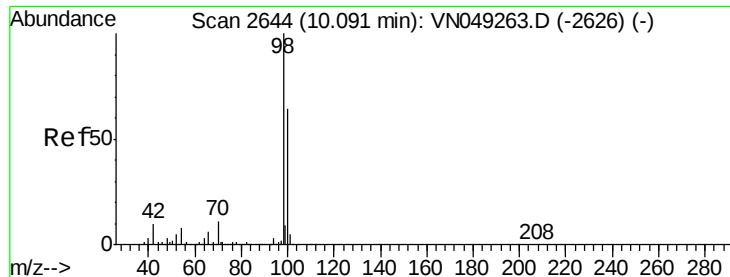
43 28.1 30.9 46.3#

58 28.6 58.9 88.3#



Abundance Ion 88.00 (87.70 to 88.70): VNO
Ion 43.00 (42.70 to 43.70): VNO
Ion 58.00 (57.70 to 58.70): VNO





#50

Toluene-d8

Concen: 45.54 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049338.D

Acq: 18 Jun 2018 13:03

Instrument :

MSVOA_N

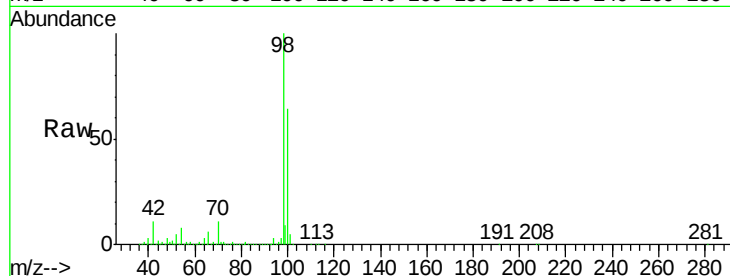
ClientSampled :

Tot Ion: 98 Resp: 2454044

Ion Ratio Lower Upper

98 100

100 63.9 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

1500000

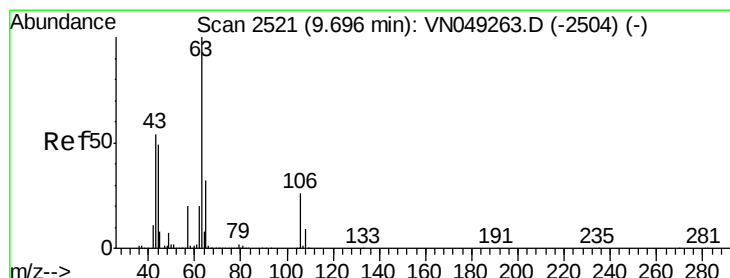
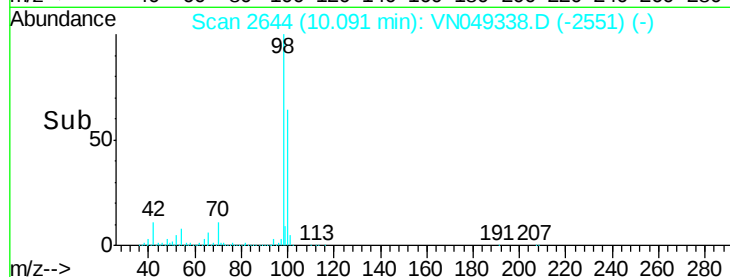
1000000

500000

0

10.09

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 14.34 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049338.D

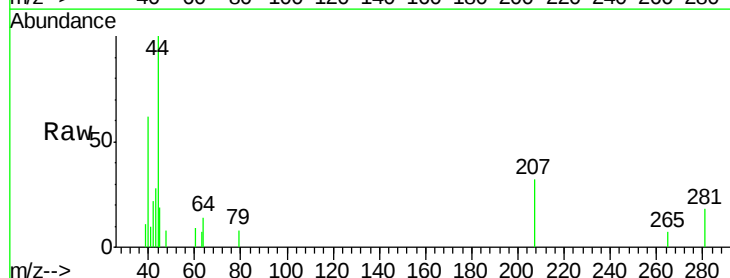
Acq: 18 Jun 2018 13:03

Tgt Ion: 63 Resp: 59

Ion Ratio Lower Upper

63 100

106 0.0 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

150

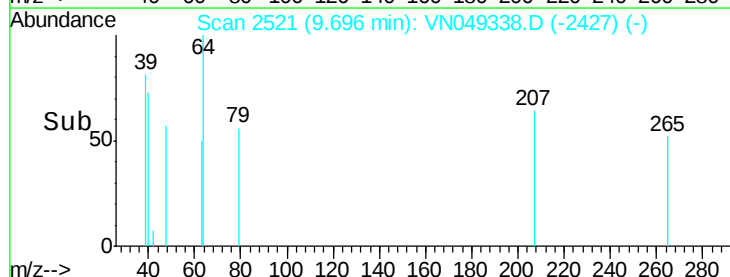
100

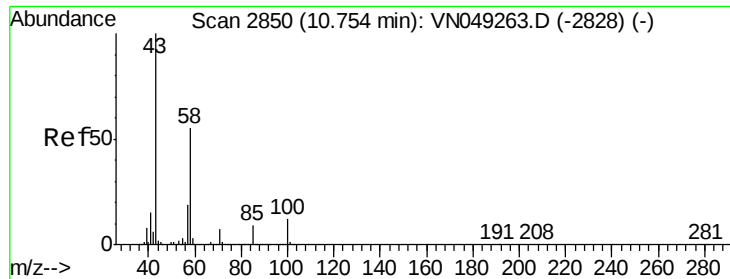
50

0

9.70

Time-->





#59

2-Hexanone

Concen: 0.23 ug/l

RT: 10.76 min Scan# 2852

Delta R.T. 0.01 min

Lab File: VN049338.D

Acq: 18 Jun 2018 13:03

Instrument :

MSVOA_N

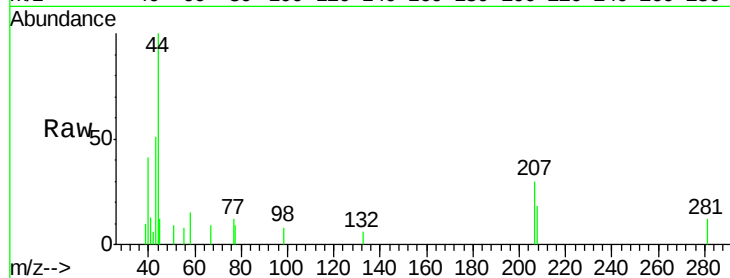
ClientSampleId :

Tot Ion: 43 Resp: 1633

Ion Ratio Lower Upper

43 100

58 38.0 25.2 75.6



Abundance Ion 43.00 (42.70 to 43.70): VN049263.D (-2828) (-)

Ion 58.00 (57.70 to 58.70): VN049263.D (-2828) (-)

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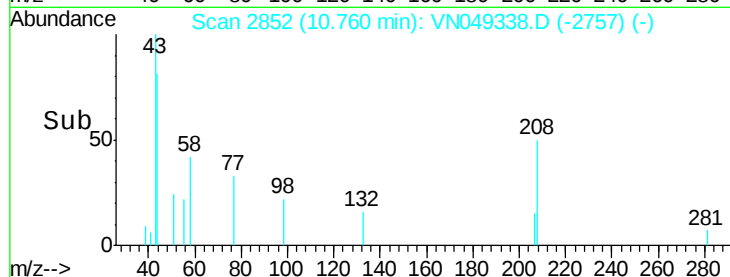
10.76

10.76

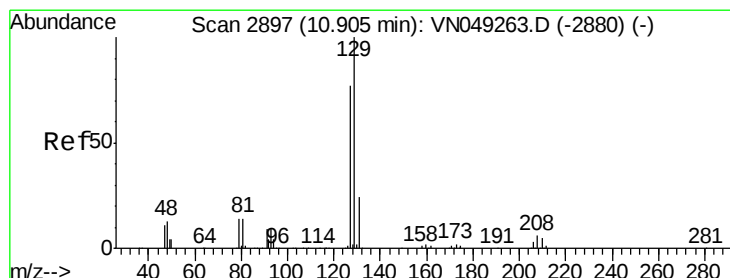
10.76

10.76

10.76



Time-->



#60

Dibromochloromethane

Concen: 0.36 ug/l

RT: 10.63 min Scan# 2813

Delta R.T. -0.27 min

Lab File: VN049338.D

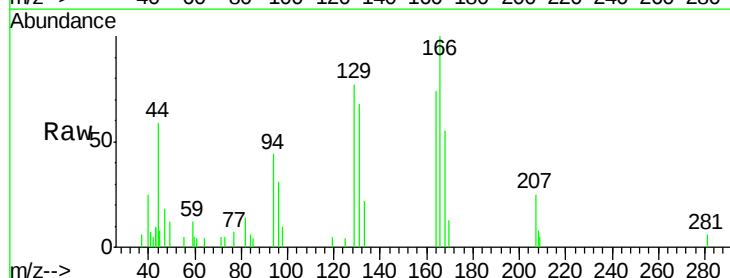
Acq: 18 Jun 2018 13:03

Tgt Ion: 129 Resp: 5348

Ion Ratio Lower Upper

129 100

127 0.0 39.1 117.2#



Abundance Ion 128.80 (128.50 to 129.50): VN049263.D (-2880) (-)

Ion 126.80 (126.50 to 127.50): VN049263.D (-2880) (-)

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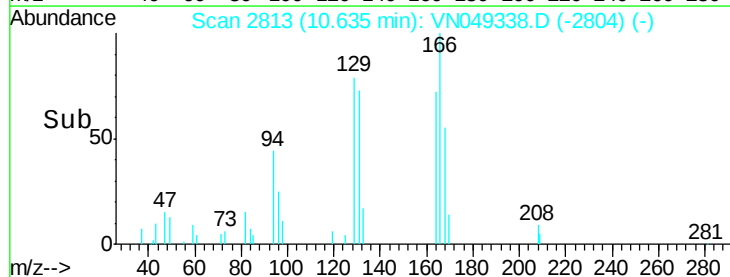
10.63

10.63

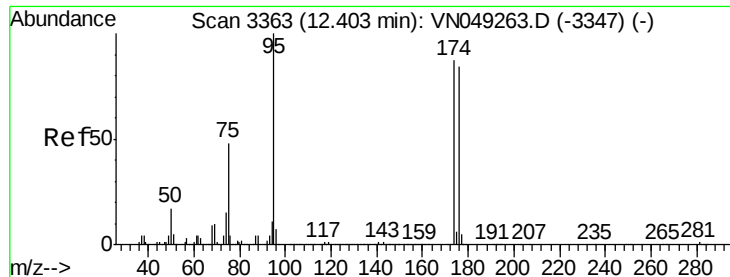
10.63

10.63

10.63



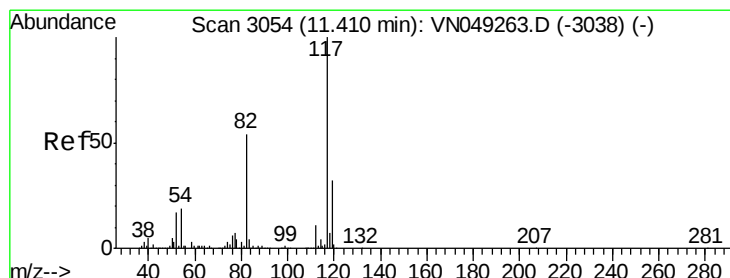
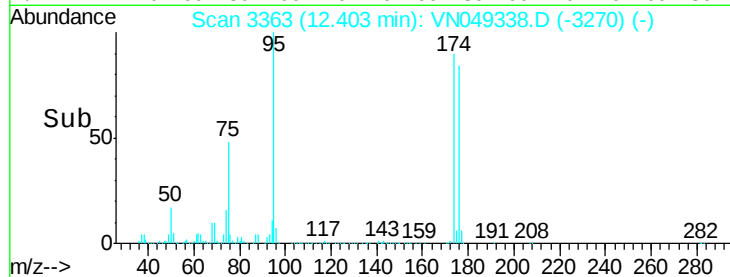
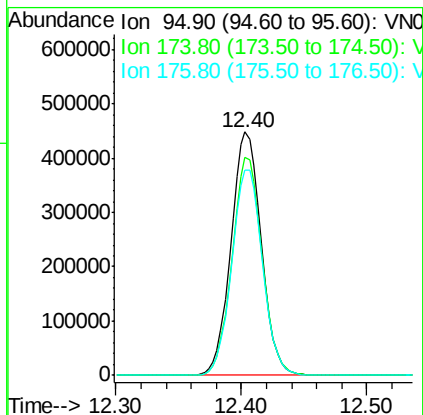
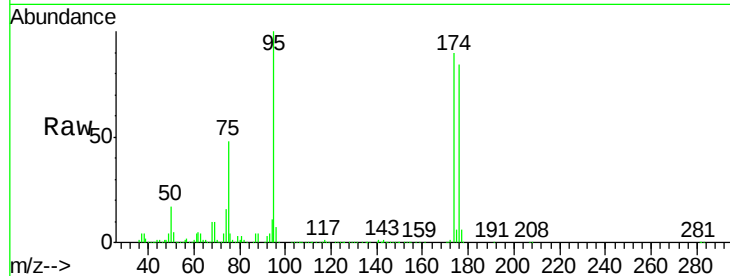
Time-->



#62
4-Bromofluorobenzene
Concen: 41.88 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049338.D
Acq: 18 Jun 2018 13:03

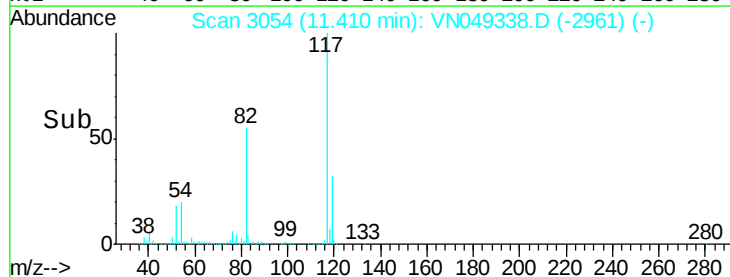
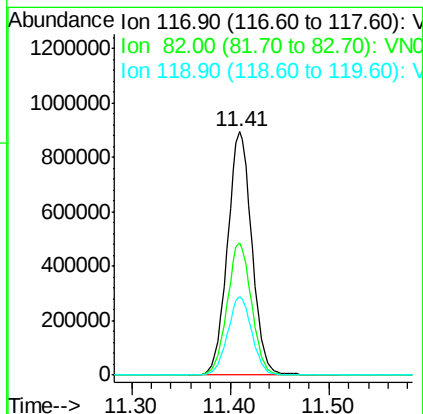
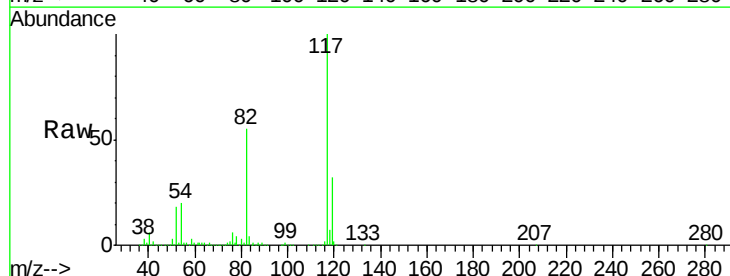
Instrument :
MSVOA_N
ClientSampleId :

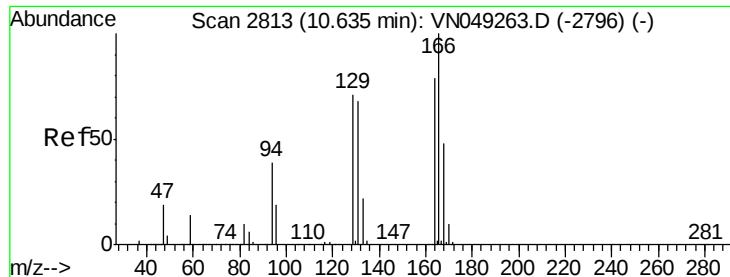
Tot Ion: 95 Resp: 746177
Ion Ratio Lower Upper
95 100
174 89.1 0.0 165.6
176 86.1 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049338.D
Acq: 18 Jun 2018 13:03

Tgt Ion: 117 Resp: 1540463
Ion Ratio Lower Upper
117 100
82 54.6 45.9 68.9
119 32.0 25.5 38.3





#64

Tetrachloroethene

Concen: 0.39 ug/l

RT: 10.63 min Scan# 2813

Delta R.T. 0.00 min

Lab File: VN049338.D

Acq: 18 Jun 2018 13:03

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:164 Resp: 6195

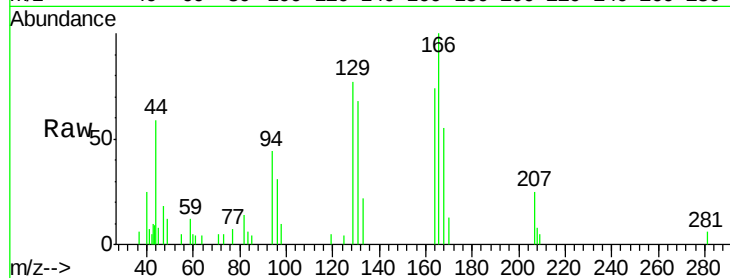
Ion Ratio Lower Upper

164 100

166 134.9 101.4 152.2

129 104.0 74.1 111.1

131 91.6 73.7 110.5

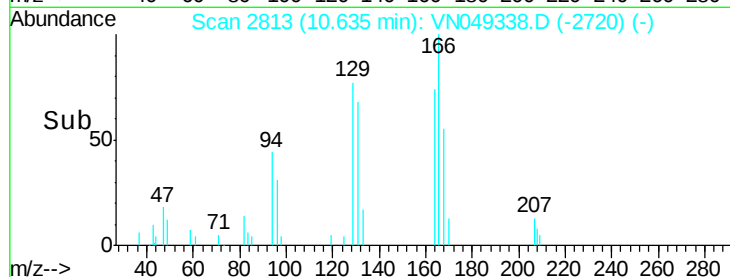


Abundance Ion 163.80 (163.50 to 164.50): V

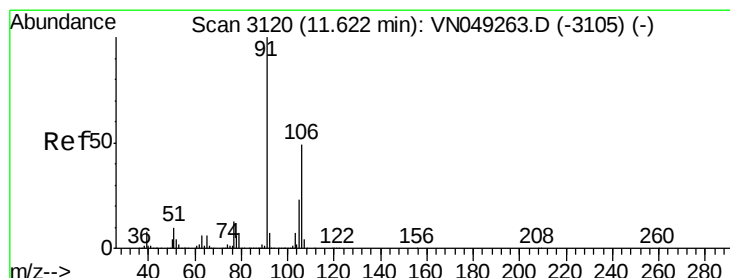
Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



Time-->



#68

m/p-Xylenes

Concen: 0.20 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. -0.00 min

Lab File: VN049338.D

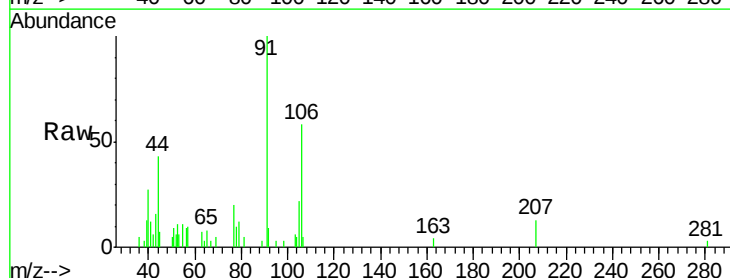
Acq: 18 Jun 2018 13:03

Tgt Ion:106 Resp: 5054

Ion Ratio Lower Upper

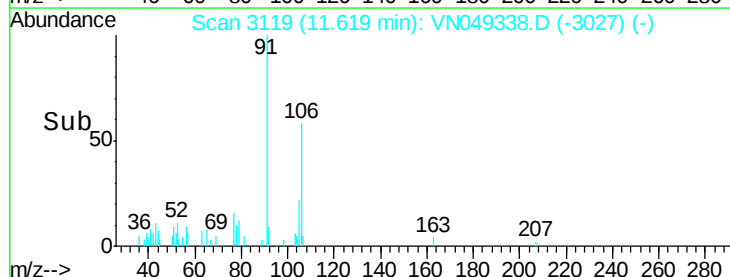
106 100

91 195.8 167.3 250.9

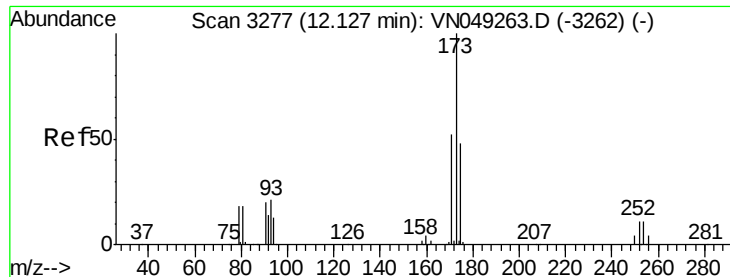


Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V



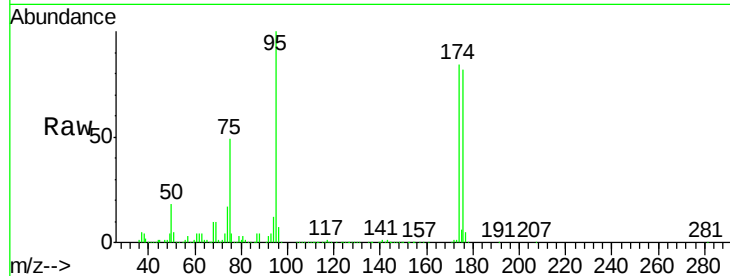
Time-->



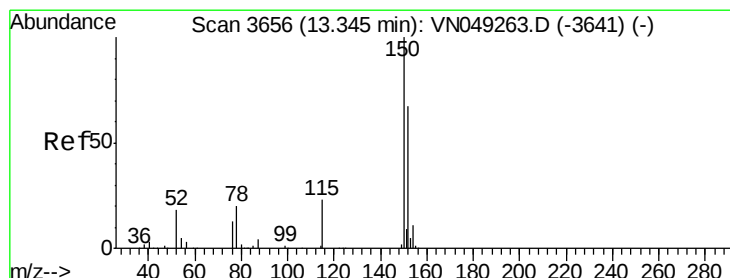
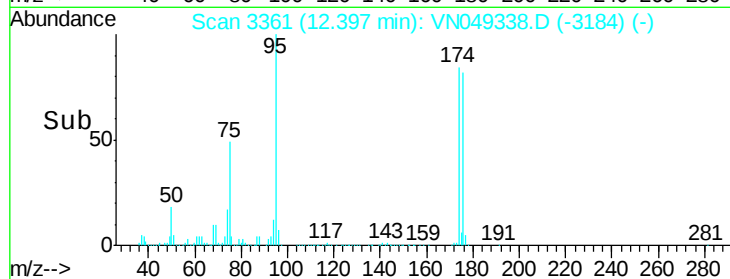
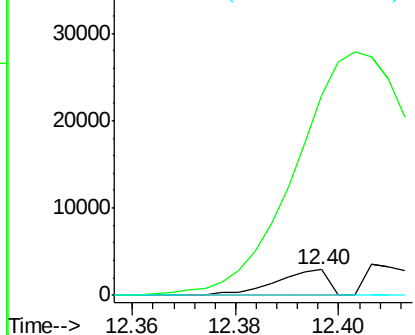
#71
Bromoform
Concen: 0.21 ug/l
RT: 12.40 min Scan# 3361
Delta R.T. 0.27 min
Lab File: VN049338.D
Acq: 18 Jun 2018 13:03

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 2002
Ion Ratio Lower Upper
173 100
175 0.0 24.5 73.5#
254 0.0 0.1 0.1#

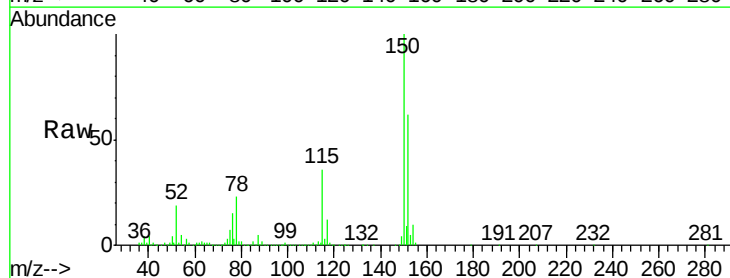


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

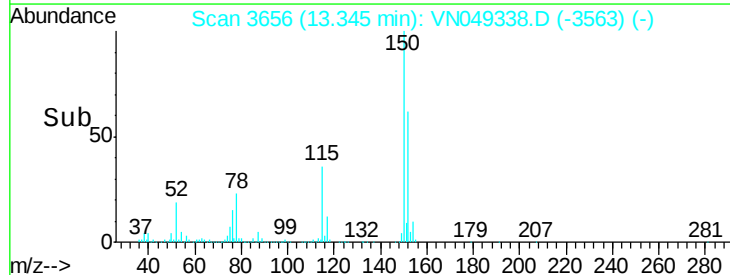
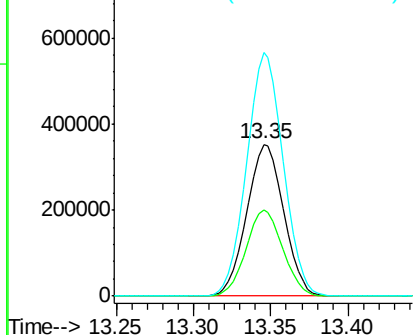


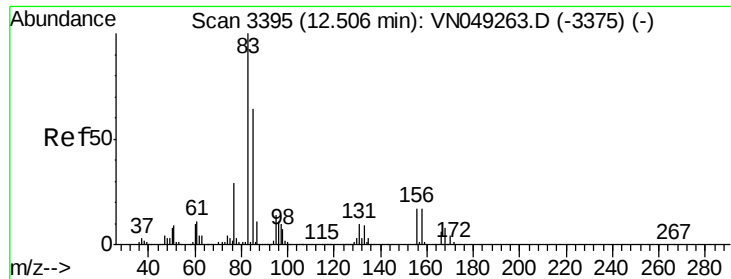
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049338.D
Acq: 18 Jun 2018 13:03

Tgt Ion:152 Resp: 587292
Ion Ratio Lower Upper
152 100
115 56.3 28.7 86.1
150 158.9 0.0 351.0



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: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049338.D

Acq: 18 Jun 2018 13:03

Instrument :

MSVOA_N

ClientSampleId :

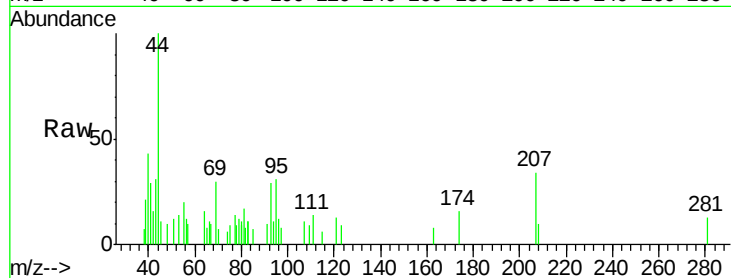
Tot Ion: 83 Resp: 589

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

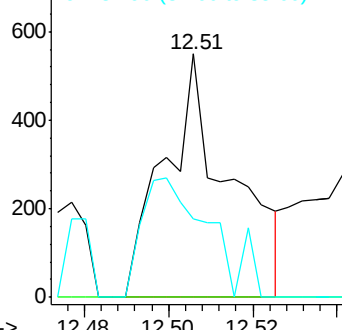
85 51.8 32.0 96.0



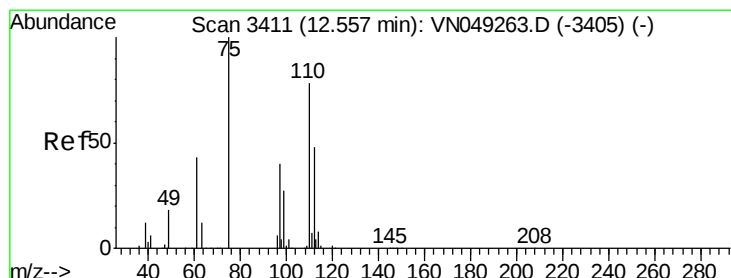
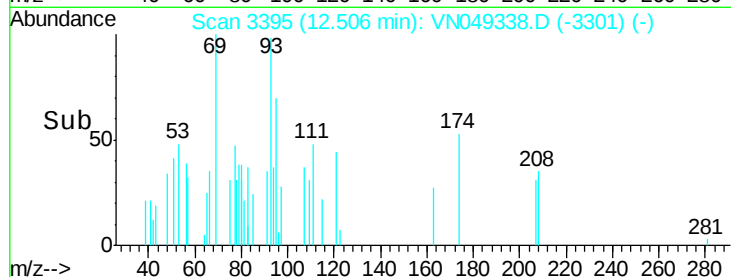
Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



Time-->



#76

1,2,3-Trichloropropane

Concen: 35.90 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049338.D

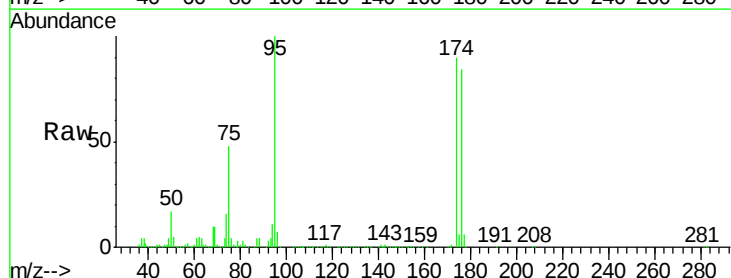
Acq: 18 Jun 2018 13:03

Tgt Ion: 75 Resp: 359765

Ion Ratio Lower Upper

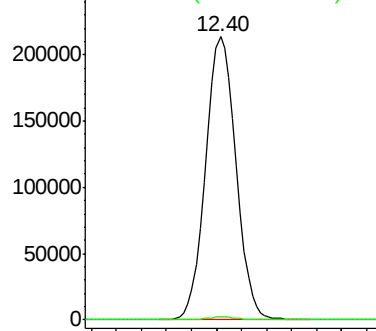
75 100

77 1.2 0.0 0.0#

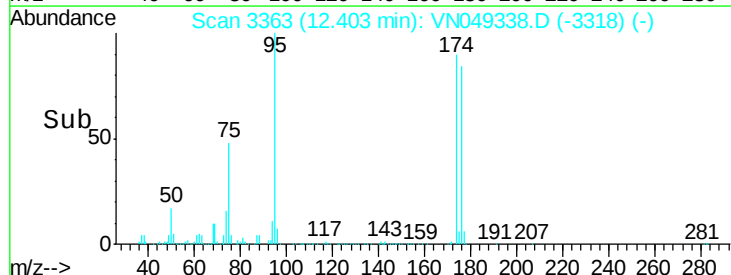


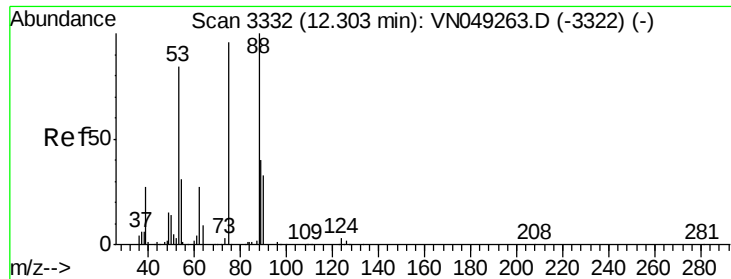
Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 113.47 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049338.D

Acq: 18 Jun 2018 13:03

Instrument :

MSVOA_N

ClientSampleId :

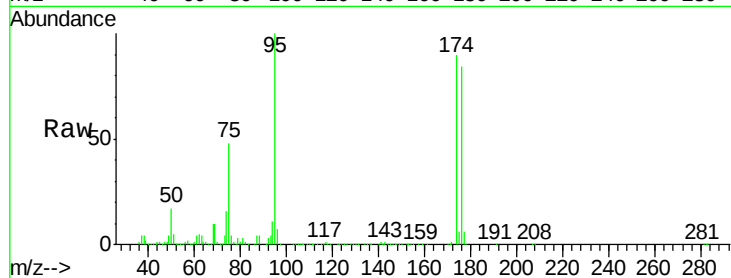
Tot Ion: 75 Resp: 359765

Ion Ratio Lower Upper

75 100

53 0.3 82.7 124.1#

89 0.0 36.5 54.7#

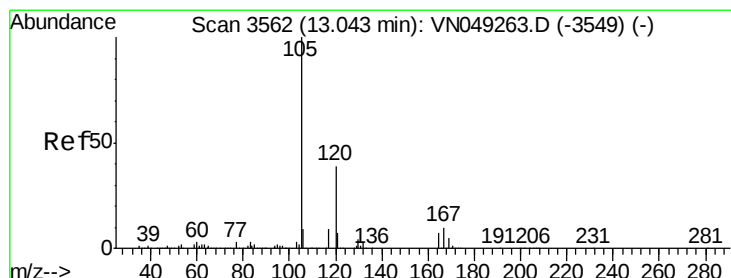
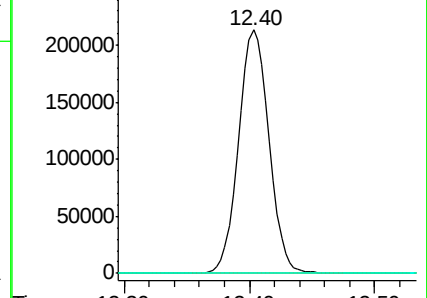
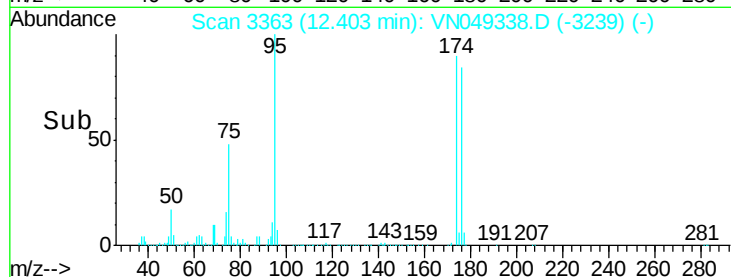


Abundance Ion 74.90 (74.60 to 75.60): VN049338.D (-3363) (-)

Ion 53.00 (52.70 to 53.70): VN049338.D (-3363) (-)

Ion 88.90 (88.60 to 89.60): VN049338.D (-3363) (-)

Time-->



#84

1,2,4-Trimethylbenzene

Concen: 0.24 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049338.D

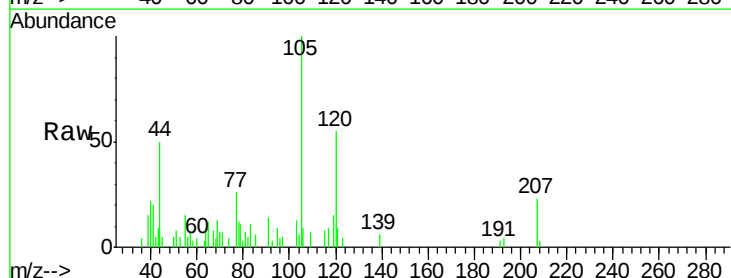
Acq: 18 Jun 2018 13:03

Tgt Ion: 105 Resp: 9491

Ion Ratio Lower Upper

105 100

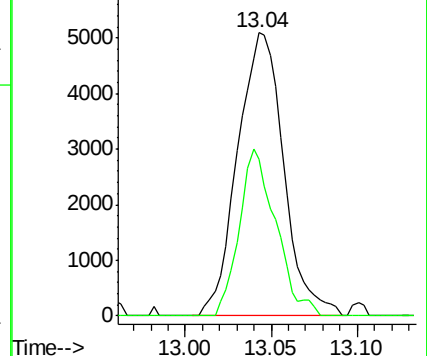
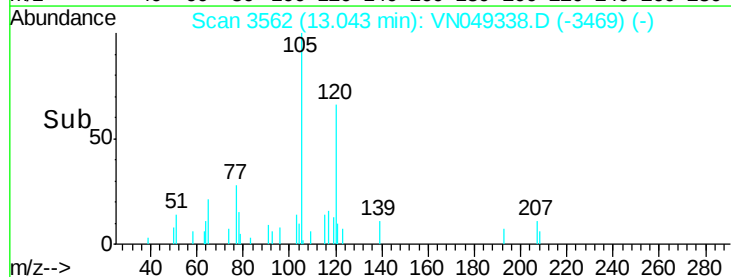
120 46.7 22.2 66.6

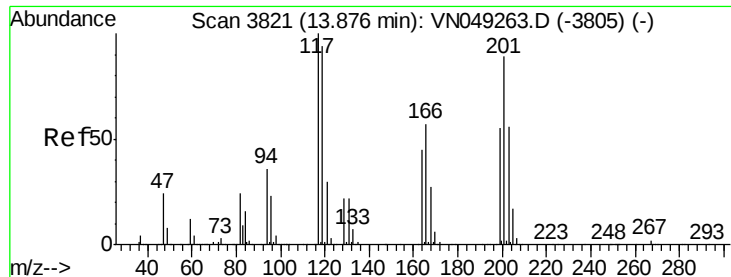


Abundance Ion 105.00 (104.70 to 105.70): VN049338.D (-3562) (-)

Ion 120.00 (119.70 to 120.70): VN049338.D (-3562) (-)

Time-->





#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3827

Delta R.T. 0.02 min

Lab File: VN049338.D

Acq: 18 Jun 2018 13:03

Instrument :

MSVOA_N

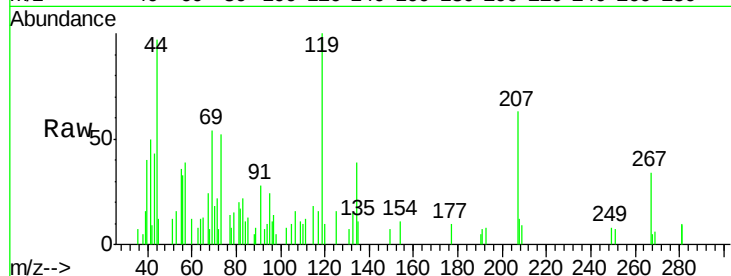
ClientSampled :

Tot Ion:117 Resp: 817

Ion Ratio Lower Upper

117 100

201 0.0 40.1 120.2#

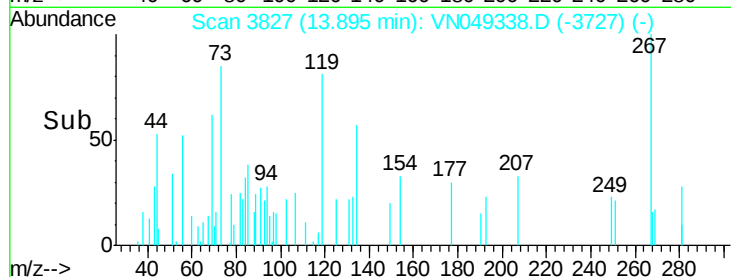


Abundance Ion 116.80 (116.50 to 117.50): V

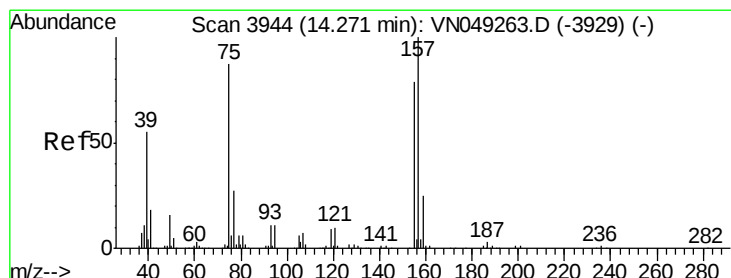
Ion 200.70 (200.40 to 201.40): V

13.89

Time-->



Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.20 ug/l

RT: 14.28 min Scan# 3948

Delta R.T. 0.01 min

Lab File: VN049338.D

Acq: 18 Jun 2018 13:03

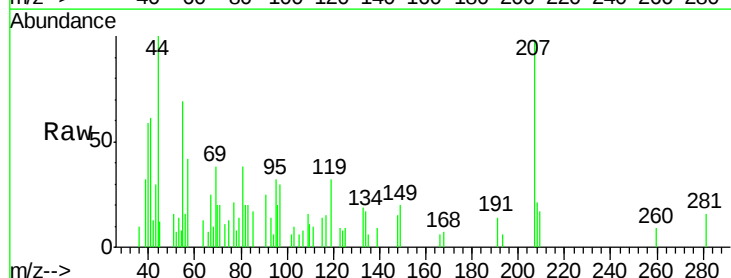
Tgt Ion: 75 Resp: 360

Ion Ratio Lower Upper

75 100

155 0.0 38.8 116.3#

157 0.0 51.0 153.1#



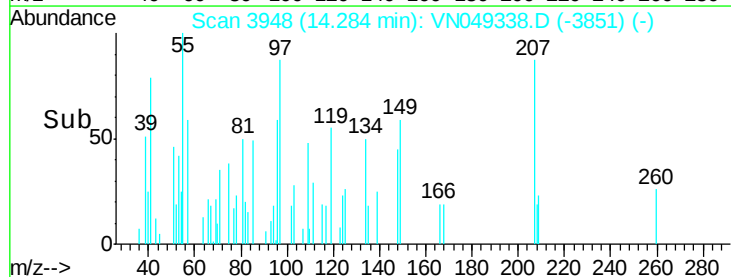
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

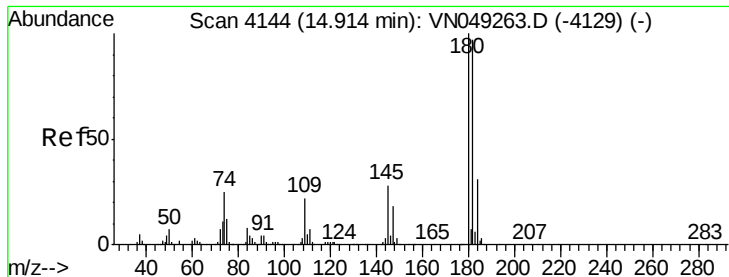
Ion 156.80 (156.50 to 157.50): V

14.28

Time-->



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 4.88 ug/l

RT: 14.91 min Scan# 4144

Delta R.T. 0.00 min

Lab File: VN049338.D

Acq: 18 Jun 2018 13:03

Instrument :

MSVOA_N

ClientSampled :

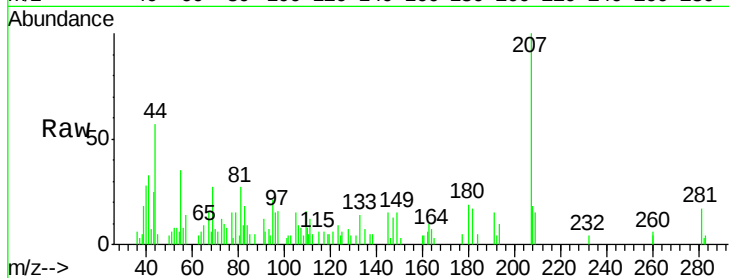
Tot Ion:180 Resp: 1562

Ion Ratio Lower Upper

180 100

182 89.8 46.9 140.8

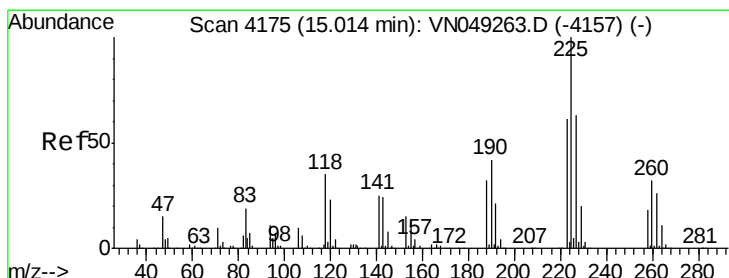
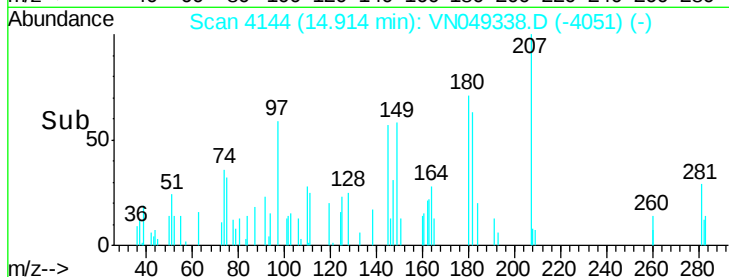
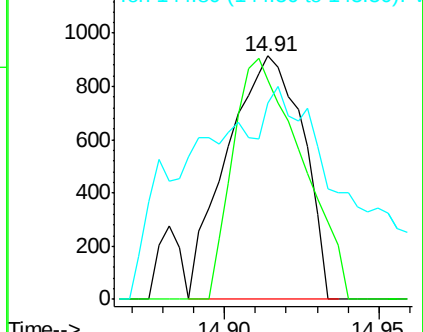
145 100.3 14.7 44.1#



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



#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.02 min Scan# 4176

Delta R.T. 0.00 min

Lab File: VN049338.D

Acq: 18 Jun 2018 13:03

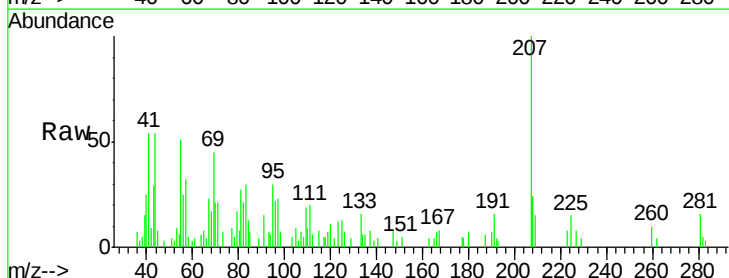
Tgt Ion:225 Resp: 1105

Ion Ratio Lower Upper

225 100

223 59.3 32.1 96.3

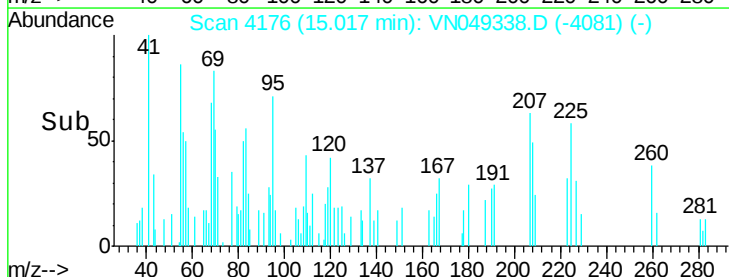
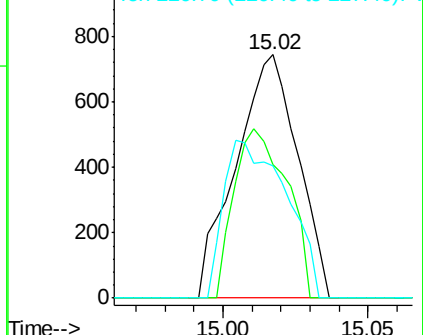
227 65.6 31.8 95.3

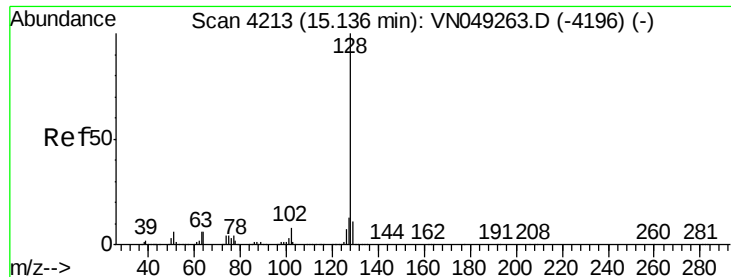


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 3.94 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049338.D

Acq: 18 Jun 2018 13:03

Instrument :

MSVOA_N

ClientSampled :

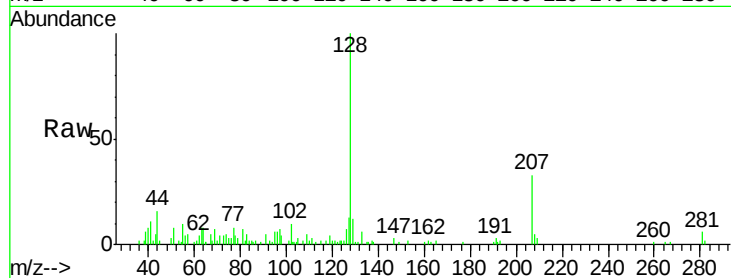
Tot Ion:128 Resp: 30498

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

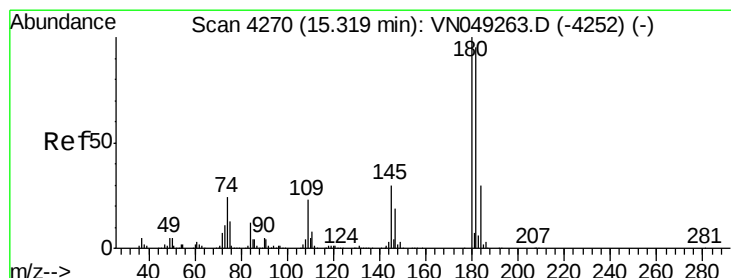
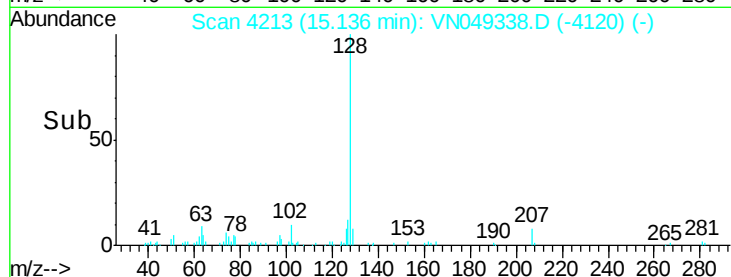
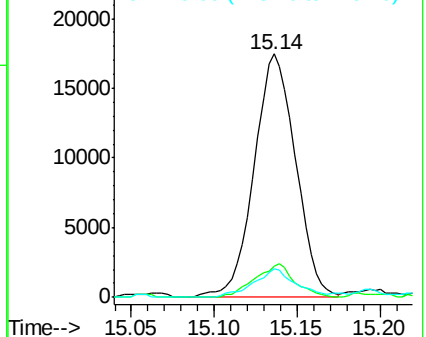
129 11.8 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.60 ug/l

RT: 15.32 min Scan# 4270

Delta R.T. 0.00 min

Lab File: VN049338.D

Acq: 18 Jun 2018 13:03

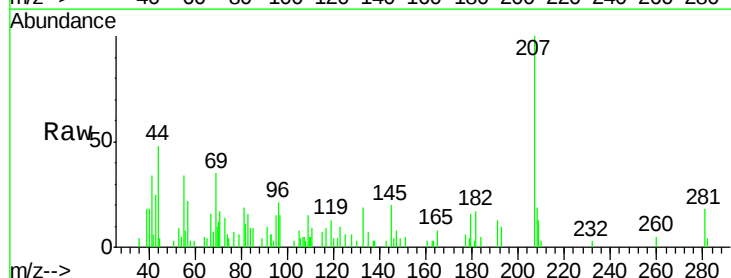
Tgt Ion:180 Resp: 1540

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.8

145 144.5 15.6 46.7#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

