

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\
 Data File : VN050262.D
 Acq On : 2 Aug 2018 14:29
 Operator : MD\SY
 Sample : PB111674TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111674TB

Quant Time: Aug 03 01:13:12 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	687716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1102375	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	937789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	339715	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	477899	49.81	ug/l	0.00
Spiked Amount			Recovery	=	99.62%	
35) Dibromofluoromethane	7.59	113	419916	46.65	ug/l	0.00
Spiked Amount			Recovery	=	93.30%	
50) Toluene-d8	10.09	98	1522721	46.02	ug/l	0.00
Spiked Amount			Recovery	=	92.04%	
62) 4-Bromofluorobenzene	12.40	95	417693	38.34	ug/l	0.00
Spiked Amount			Recovery	=	76.68%	

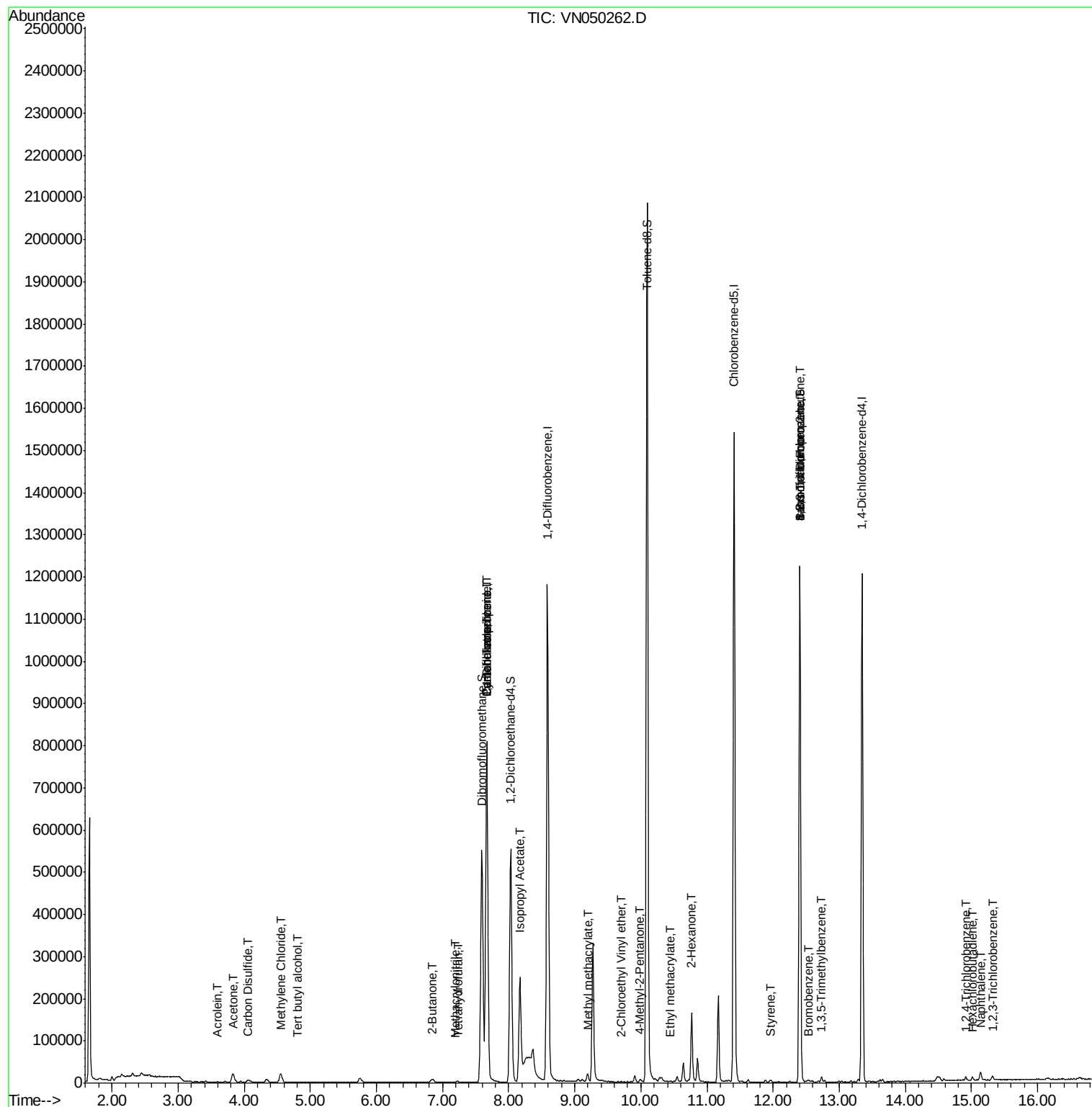
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.56	94	1214	Below Cal		83
11) Tert butyl alcohol	4.81	59	220	0.31 ug/l	#	72
13) Acrolein	3.60	56	128	0.23 ug/l	#	1
16) Acetone	3.83	43	37900	12.65 ug/l		99
17) Carbon Disulfide	4.05	76	7627	0.31 ug/l		100
20) Methylene Chloride	4.55	84	15134	0.54 ug/l		98
25) 2-Butanone	6.85	43	7212	1.97 ug/l		93
29) Tetrahydrofuran	7.23	42	2385	1.01 ug/l	#	50
31) Cyclohexane	7.66	56	13174	0.93 ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	48701	3.92 ug/l	#	48
38) Carbon Tetrachloride	7.67	117	62946	4.78 ug/l	#	16
41) Methacrylonitrile	7.18	41	170	2.78 ug/l	#	10
43) Isopropyl Acetate	8.17	43	303747	17.88 ug/l		99
48) Methyl methacrylate	9.19	41	10920	1.46 ug/l	#	23
51) 4-Methyl-2-Pentanone	9.99	43	5474	0.64 ug/l		90
56) Ethyl methacrylate	10.43	69	379	2.06 ug/l	#	26
58) 2-Chloroethyl Vinyl ether	9.70	63	126	8.55 ug/l	#	48
59) 2-Hexanone	10.77	43	24812	9.06 ug/l	#	60
70) Styrene	11.96	104	1484	0.98 ug/l	#	89
71) Bromoform	12.40	173	1950	0.29 ug/l	#	29
75) 1,1,2,2-Tetrachloroethane	12.50	83	360	Below Cal	#	44
76) 1,2,3-Trichloropropane	12.40	75	201802	31.96 ug/l	#	100
77) Bromobenzene	12.52	156	1770	0.24 ug/l	#	44
80) 1,3,5-Trimethylbenzene	12.74	105	5088	0.25 ug/l		99
81) trans-1,4-Dichloro-2-buten	12.40	75	201802	101.39 ug/l	#	13
92) 1,2-Dibromo-3-Chloropropan	14.26	75	363	Below Cal	#	32
93) 1,2,4-Trichlorobenzene	14.91	180	3101	3.53 ug/l		91
94) Hexachlorobutadiene	15.01	225	1498	0.40 ug/l		92
95) Naphthalene	15.14	128	16458	5.38 ug/l		98
96) 1,2,3-Trichlorobenzene	15.32	180	3699	2.76 ug/l		99

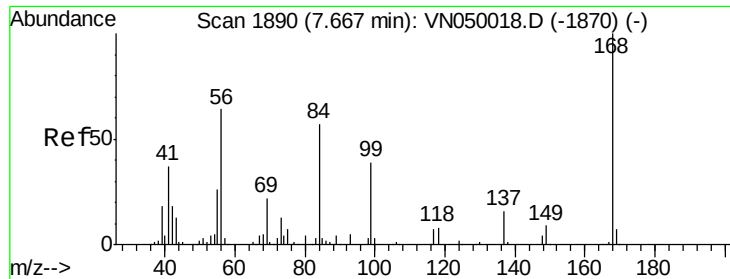
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN050262.D

Acq: 2 Aug 2018 14:29

Instrument :

MSVOA_N

ClientSampleId :

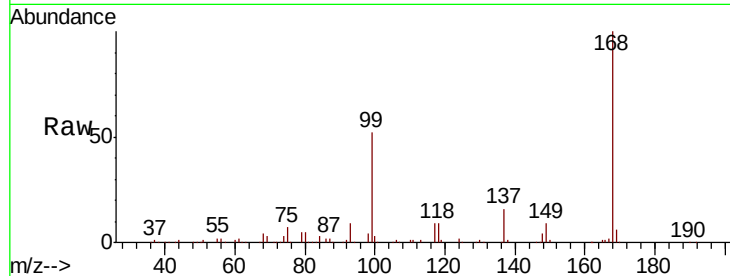
PB111674TB

Tot Ion:168 Resp: 687716

Ion Ratio Lower Upper

168 100

99 52.2 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)

7.67

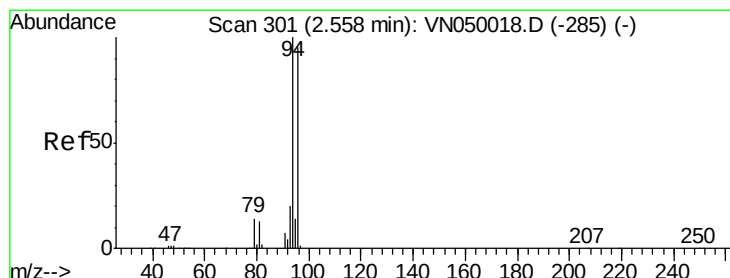
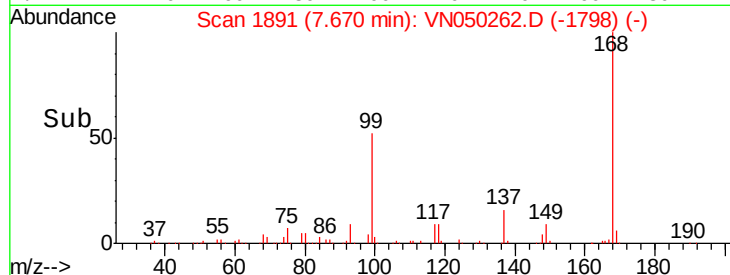
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 301

Delta R.T. 0.01 min

Lab File: VN050262.D

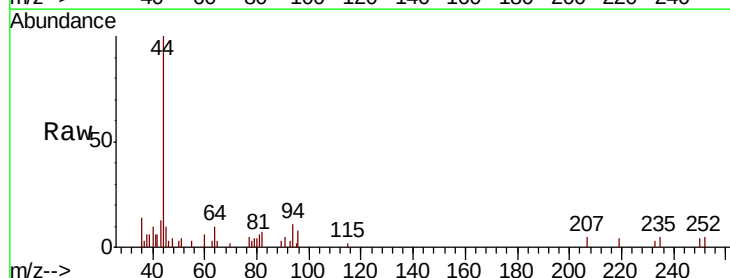
Acq: 2 Aug 2018 14:29

Tgt Ion: 94 Resp: 1214

Ion Ratio Lower Upper

94 100

96 76.9 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN050018.D (-285) (-)

Ion 95.90 (95.60 to 96.60): VN050018.D (-285) (-)

2.56

800

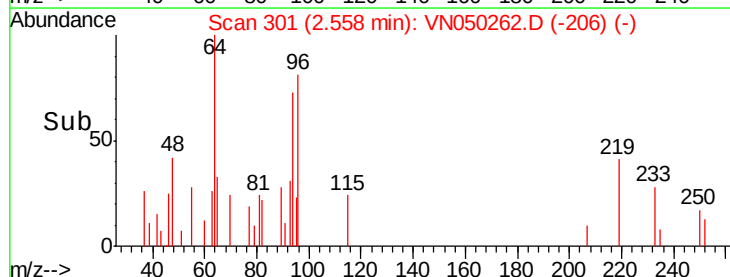
600

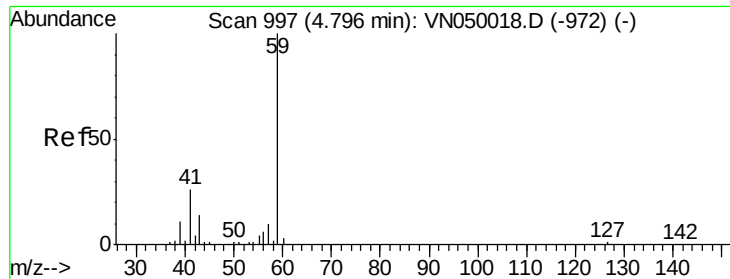
400

200

0

Time-->





#11

Tert butyl alcohol

Concen: 0.31 ug/l

RT: 4.81 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VN050262.D

Acq: 2 Aug 2018 14:29

Instrument :

MSVOA_N

ClientSampleId :

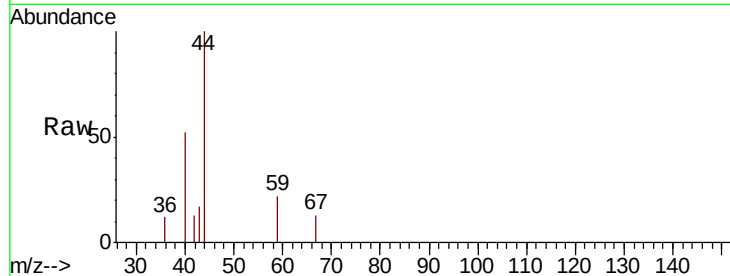
PB111674TB

Tot Ion: 59 Resp: 220

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.81

250

200

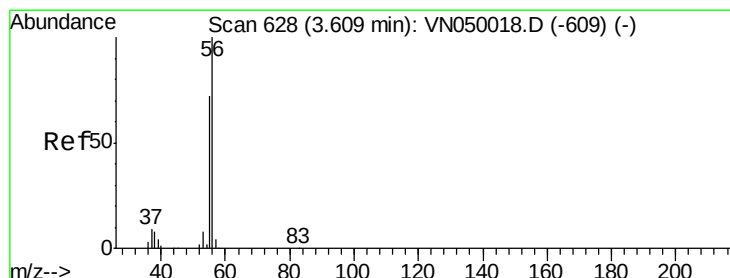
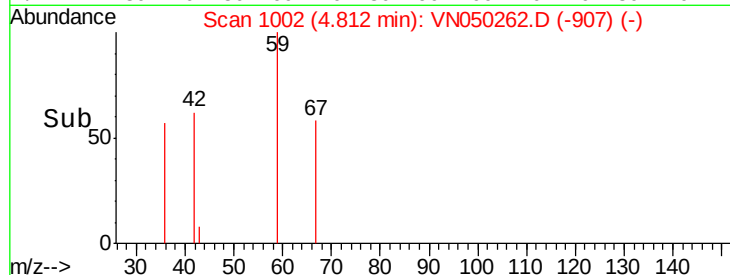
150

100

50

0

Time-->



#13

Acrolein

Concen: 0.23 ug/l

RT: 3.60 min Scan# 626

Delta R.T. -0.01 min

Lab File: VN050262.D

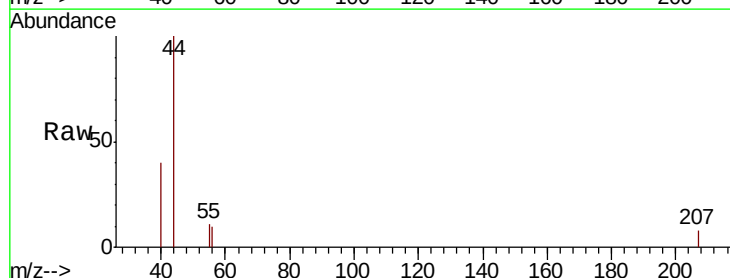
Acq: 2 Aug 2018 14:29

Tgt Ion: 56 Resp: 128

Ion Ratio Lower Upper

56 100

55 252.3 55.8 83.6#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.60

250

200

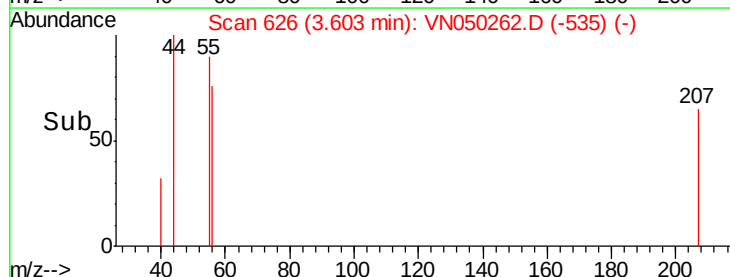
150

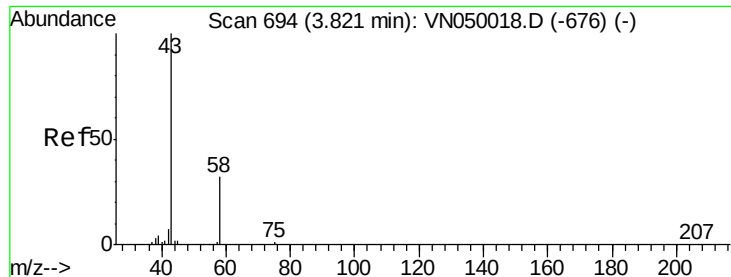
100

50

0

Time-->





#16

Acetone

Concen: 12.65 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050262.D

Acq: 2 Aug 2018 14:29

Instrument :

MSVOA_N

ClientSampled :

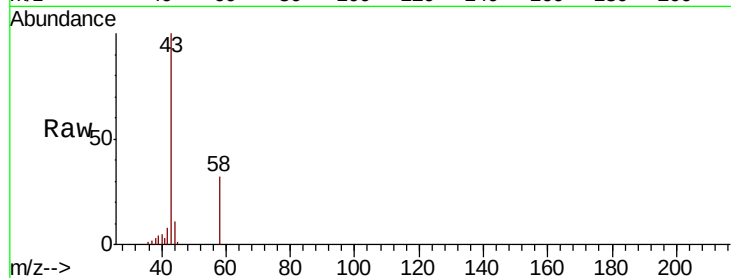
PB111674TB

Tot Ion: 43 Resp: 37900

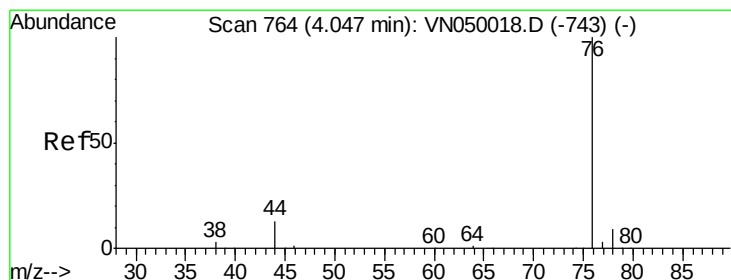
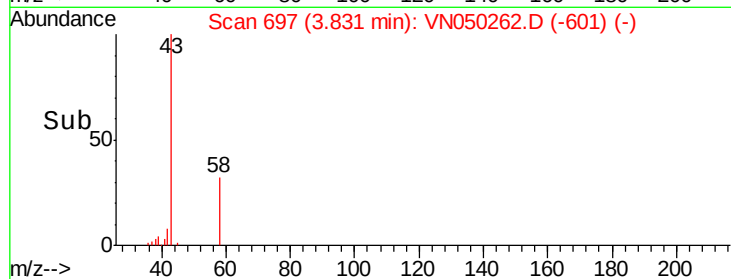
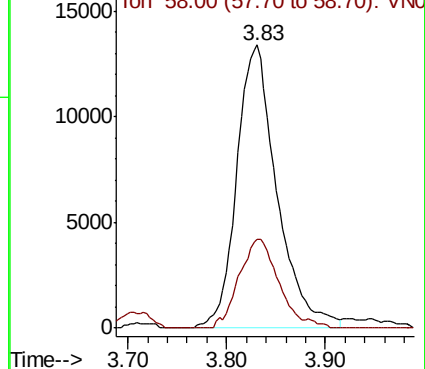
Ion Ratio Lower Upper

43 100

58 31.5 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-676) (-)



#17

Carbon Disulfide

Concen: 0.31 ug/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN050262.D

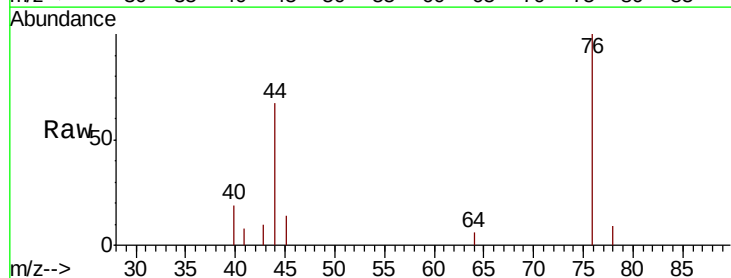
Acq: 2 Aug 2018 14:29

Tgt Ion: 76 Resp: 7627

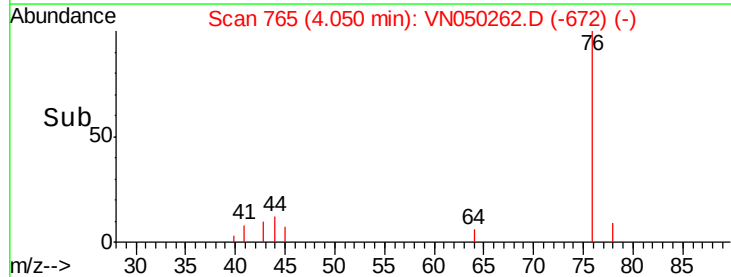
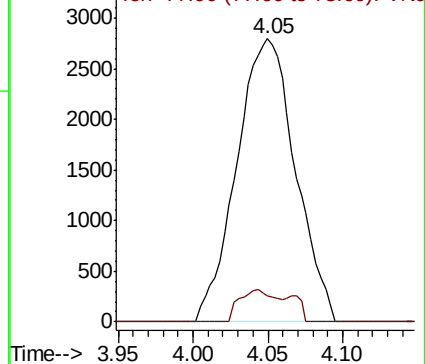
Ion Ratio Lower Upper

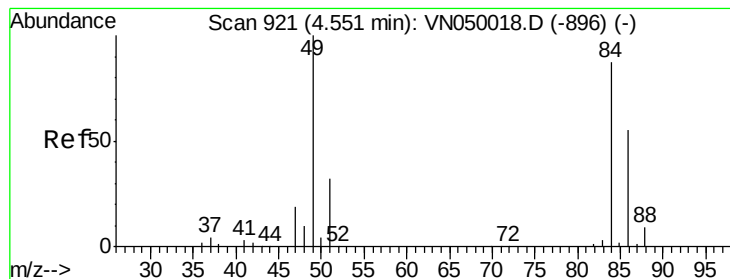
76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN050018.D (-743) (-)





#20

Methvlene Chloride

Concen: 0.54 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN050262.D

Acq: 2 Aug 2018 14:29

Instrument :

MSVOA_N

ClientSampled :

PB111674TB

Tot Ion: 84 Resp: 15134

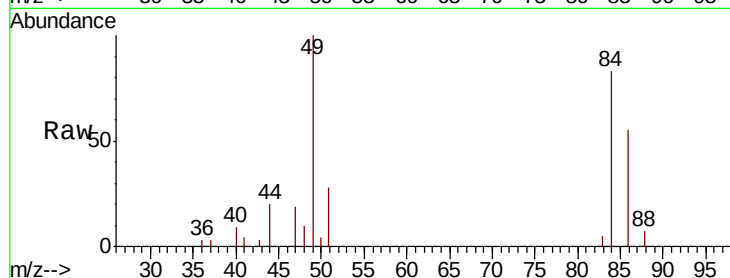
Ion Ratio Lower Upper

84 100

49 119.8 94.8 142.2

51 33.4 28.3 42.5

86 65.6 51.0 76.6

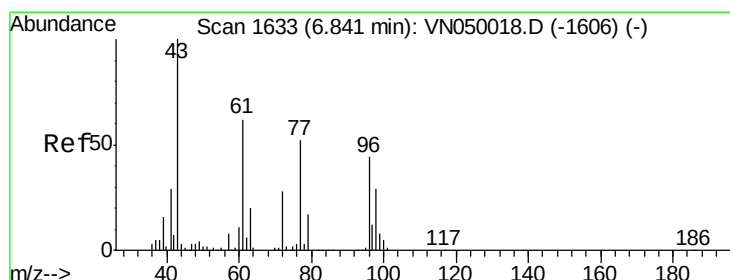
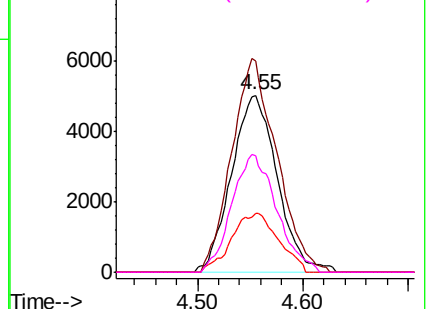
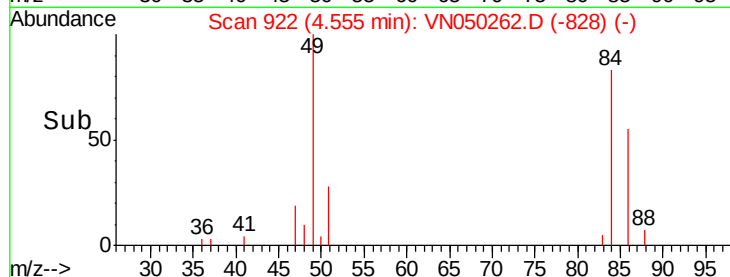


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 1.97 ug/l

RT: 6.85 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VN050262.D

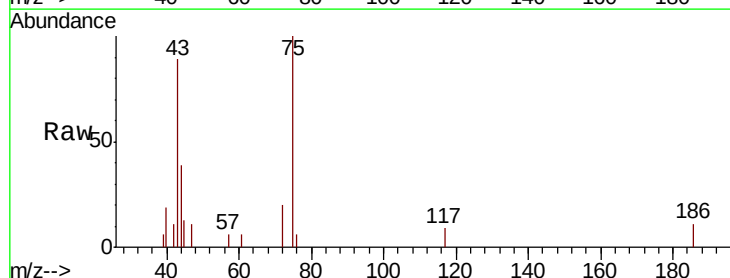
Acq: 2 Aug 2018 14:29

Tgt Ion: 43 Resp: 7212

Ion Ratio Lower Upper

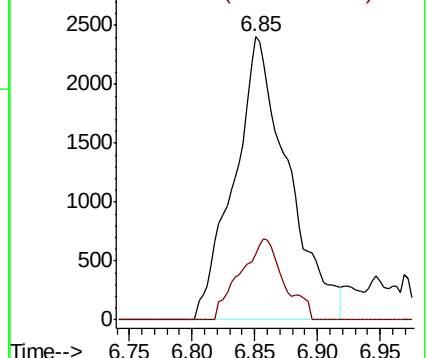
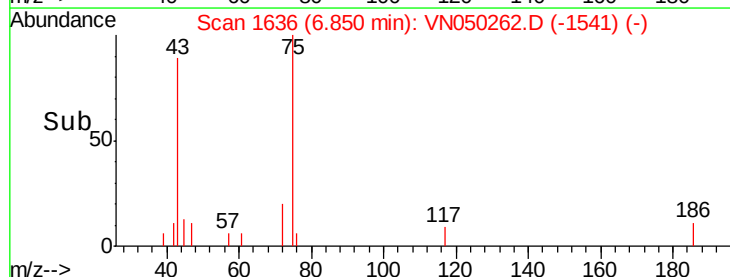
43 100

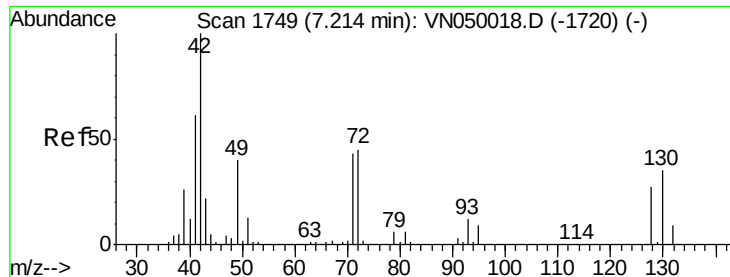
72 23.1 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 1.01 ug/l

RT: 7.23 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VN050262.D

Acq: 2 Aug 2018 14:29

Instrument :

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PB111674TB

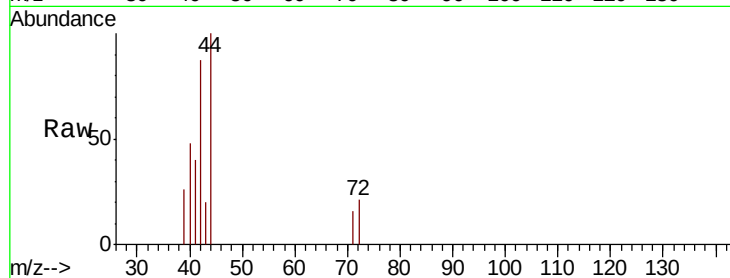
Tot Ion: 42 Resp: 2385

Ion Ratio Lower Upper

42 100

72 9.6 35.9 53.9#

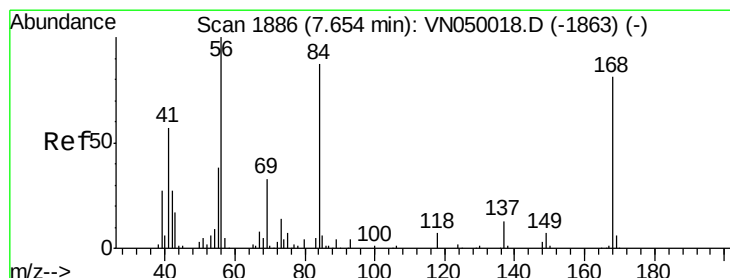
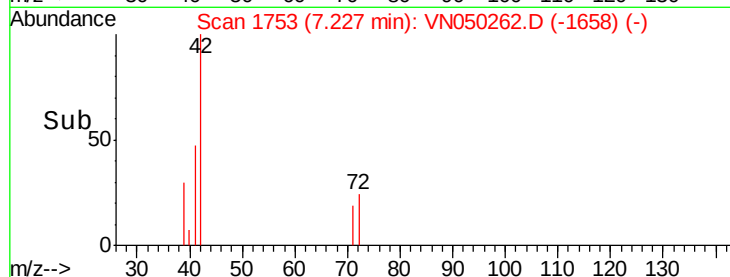
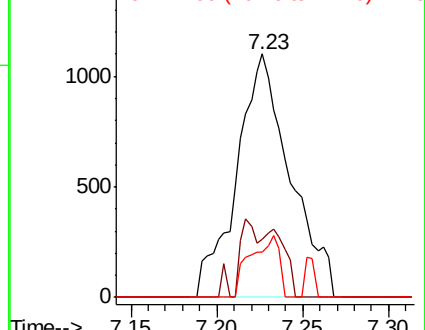
71 13.6 33.7 50.5#



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



#31

Cyclohexane

Concen: 0.93 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VN050262.D

Acq: 2 Aug 2018 14:29

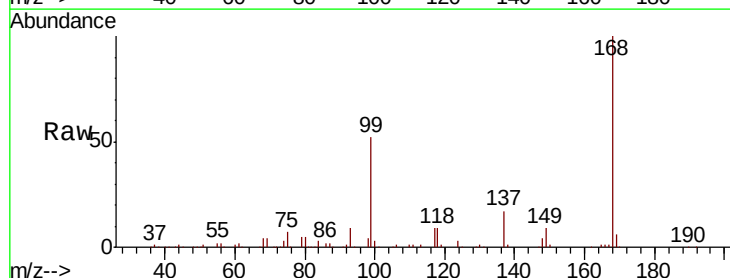
Tgt Ion: 56 Resp: 13174

Ion Ratio Lower Upper

56 100

69 169.5 26.2 39.4#

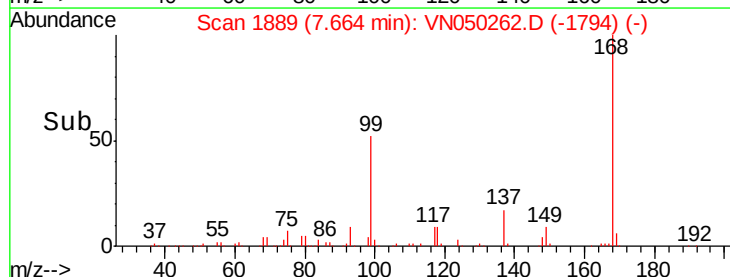
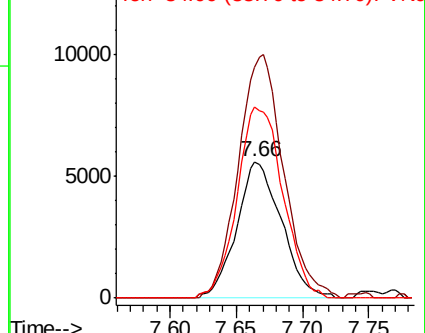
84 140.3 67.4 101.0#

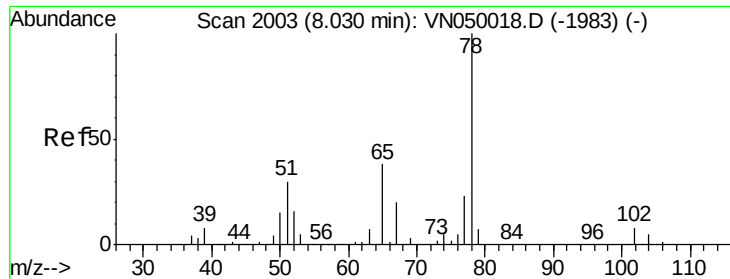


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0





#33

1,2-Dichloroethane-d4

Concen: 49.81 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050262.D

Acq: 2 Aug 2018 14:29

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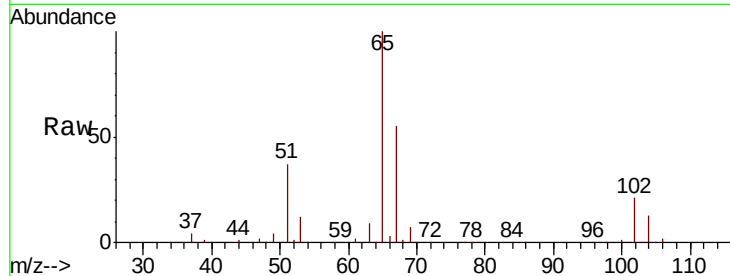
PB111674TB

Tot Ion: 65 Resp: 477899

Ion Ratio Lower Upper

65 100

67 53.7 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

200000

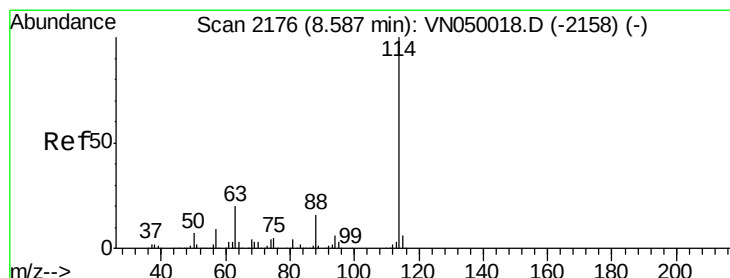
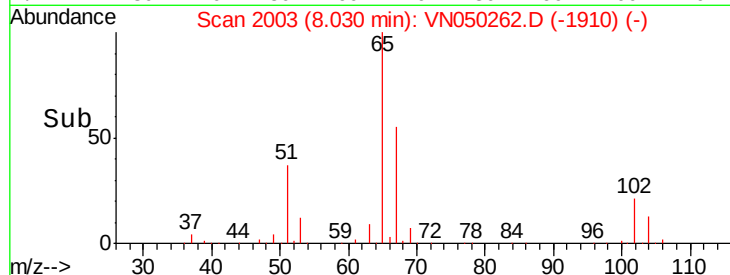
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050262.D

Acq: 2 Aug 2018 14:29

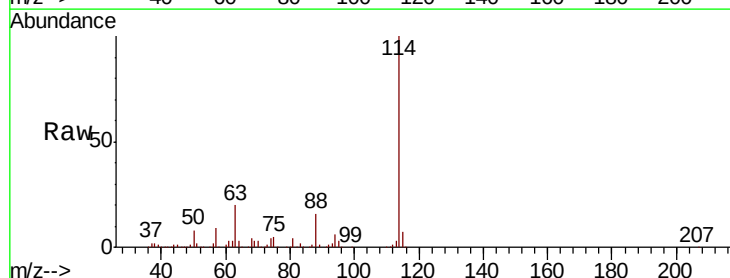
Tgt Ion:114 Resp: 1102375

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

88 15.9 0.0 31.2



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

8.59

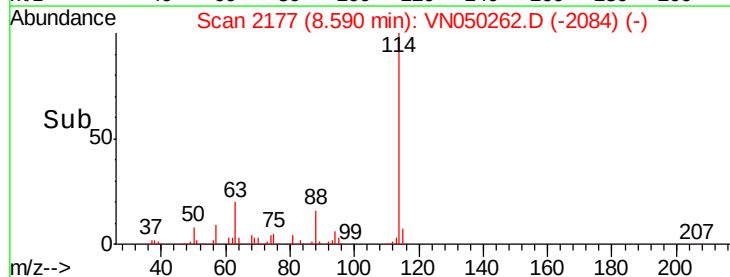
600000

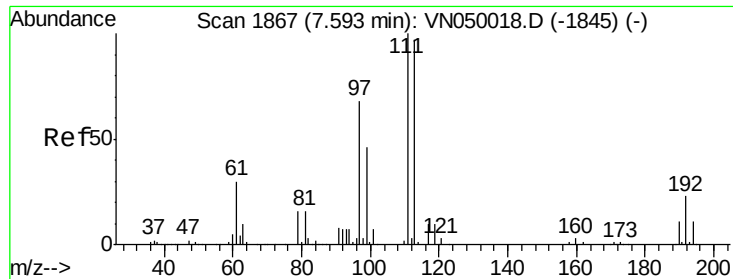
400000

200000

0

Time-->

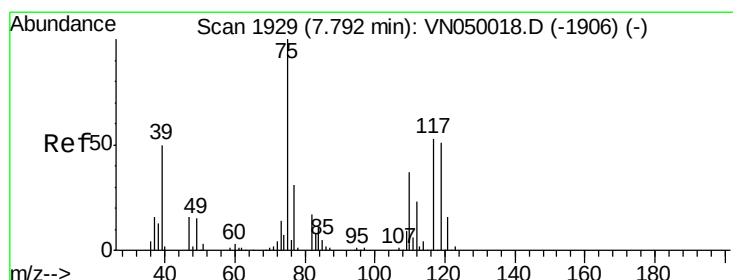
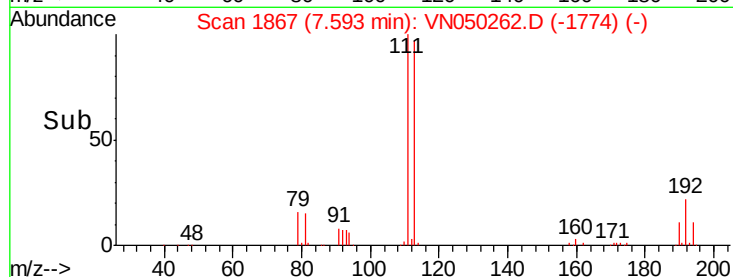
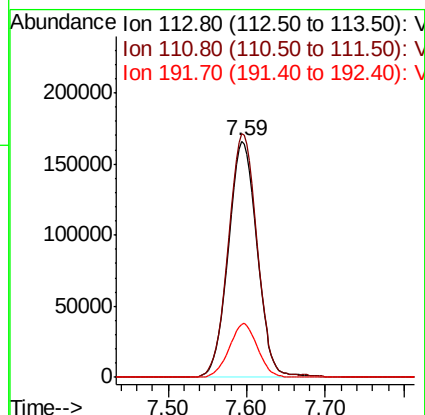
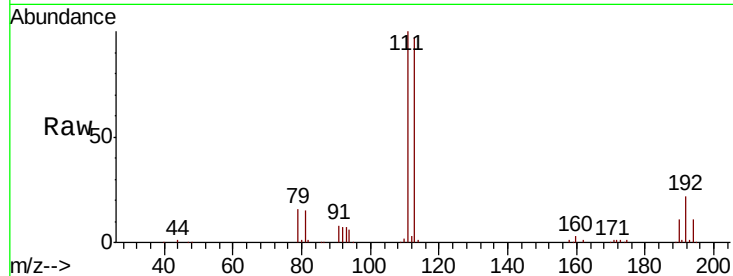




#35
 Dibromofluoromethane
 Concen: 46.65 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050262.D
 Acq: 2 Aug 2018 14:29

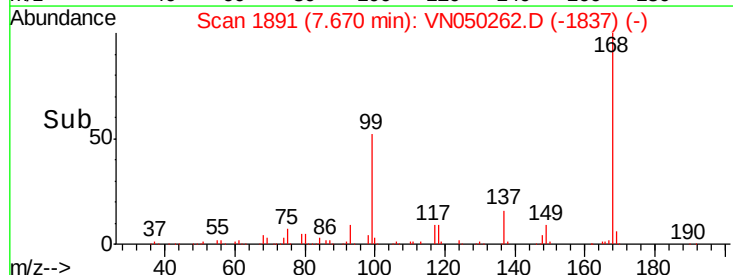
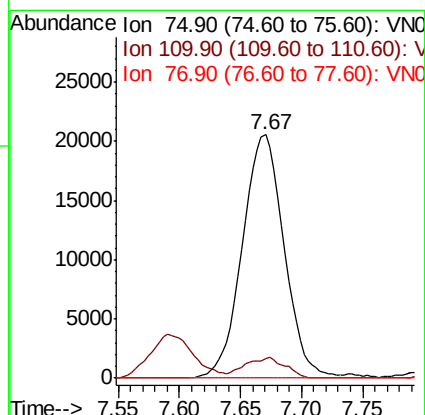
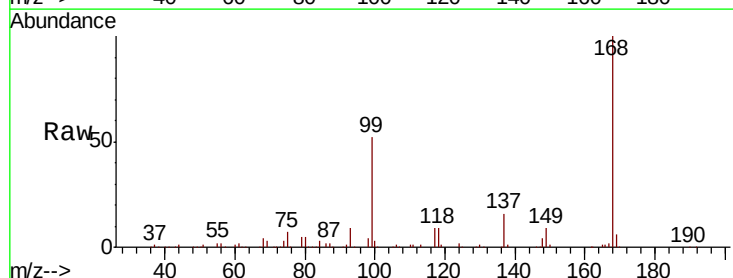
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111674TB

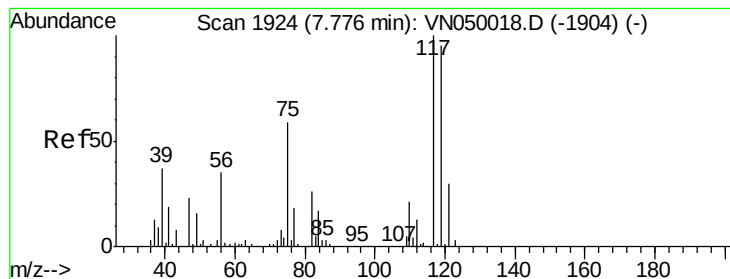
Tot Ion:113 Resp: 419916
 Ion Ratio Lower Upper
 113 100
 111 102.8 80.7 121.1
 192 22.3 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 3.92 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.13 min
 Lab File: VN050262.D
 Acq: 2 Aug 2018 14:29

Tgt Ion: 75 Resp: 48701
 Ion Ratio Lower Upper
 75 100
 110 8.2 18.4 55.2#
 77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 4.78 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.11 min

Lab File: VN050262.D

Acq: 2 Aug 2018 14:29

Instrument :

MSVOA_N

ClientSampled :

PB111674TB

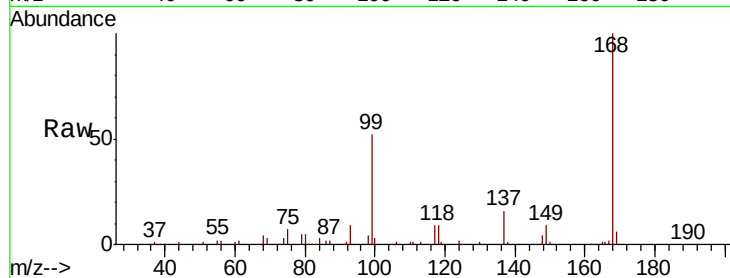
Tot Ion:117 Resp: 62946

Ion Ratio Lower Upper

117 100

119 5.7 77.4 116.0#

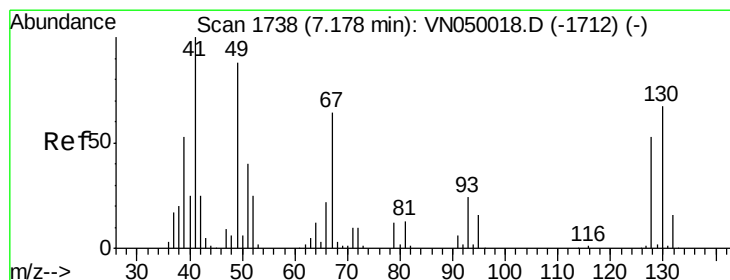
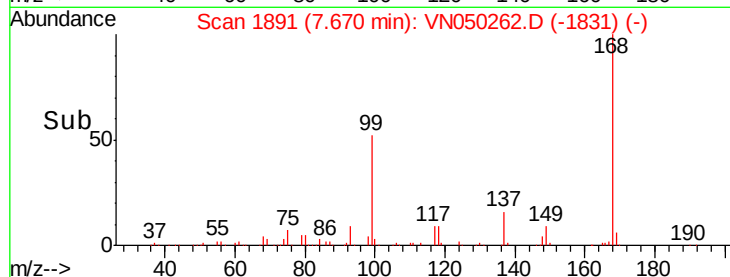
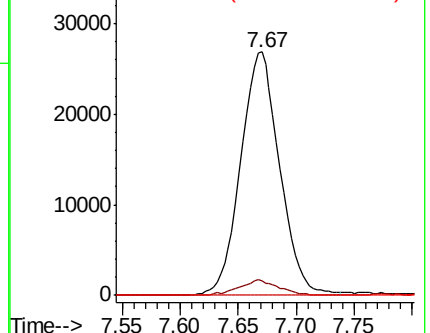
121 0.0 23.9 35.9#



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



#41

Methacrylonitrile

Concen: 2.78 ug/l

RT: 7.18 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VN050262.D

Acq: 2 Aug 2018 14:29

Tgt Ion: 41 Resp: 170

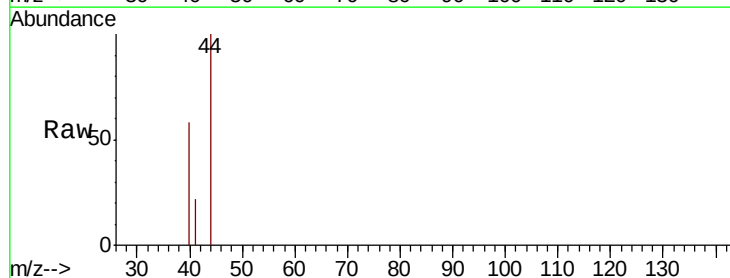
Ion Ratio Lower Upper

41 100

39 0.0 55.8 83.6#

67 0.0 84.3 126.5#

52 0.0 34.2 51.2#

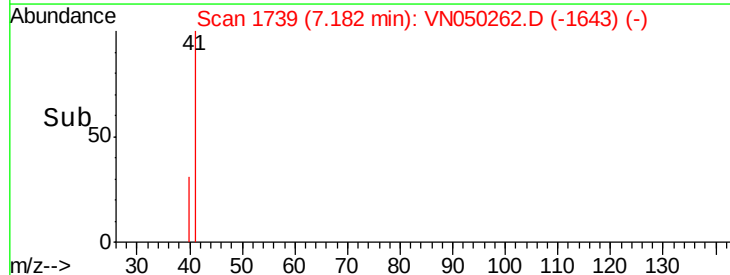
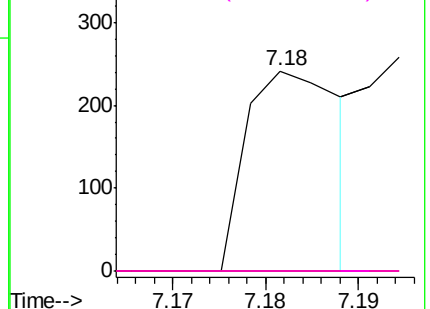


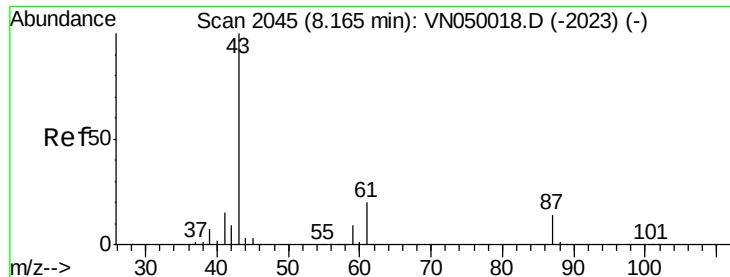
Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO





#43

Isopropyl Acetate

Concen: 17.88 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050262.D

Acq: 2 Aug 2018 14:29

Instrument :

MSVOA_N

ClientSampleId :

PB111674TB

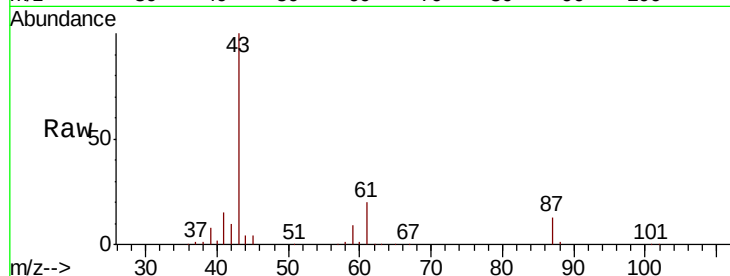
Tot Ion: 43 Resp: 303747

Ion Ratio Lower Upper

43 100

61 18.8 15.8 23.6

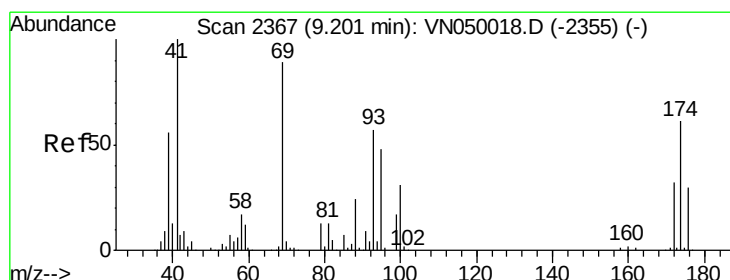
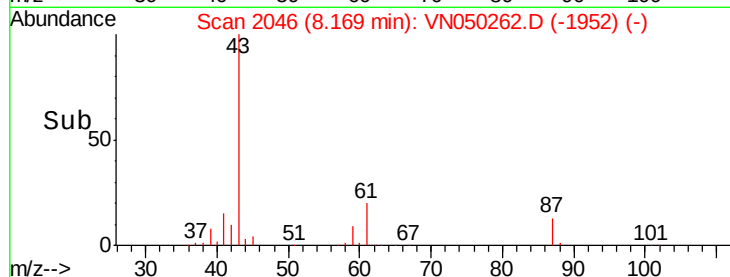
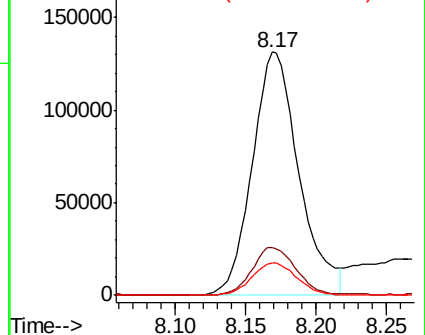
87 12.8 10.3 15.5



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



#48

Methyl methacrylate

Concen: 1.46 ug/l

RT: 9.19 min Scan# 2363

Delta R.T. -0.02 min

Lab File: VN050262.D

Acq: 2 Aug 2018 14:29

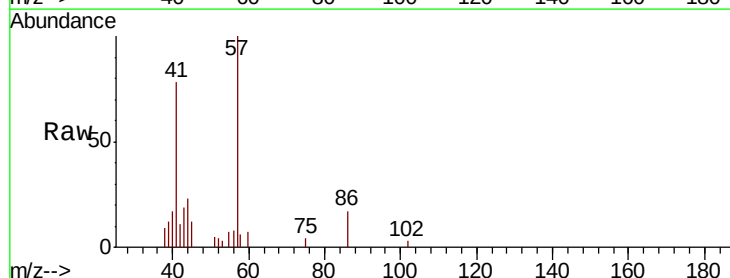
Tgt Ion: 41 Resp: 10920

Ion Ratio Lower Upper

41 100

69 0.6 70.6 105.8#

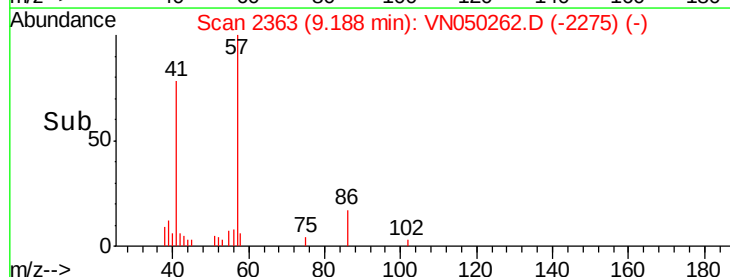
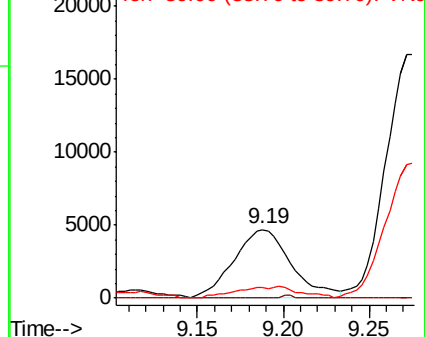
39 18.7 43.9 65.9#

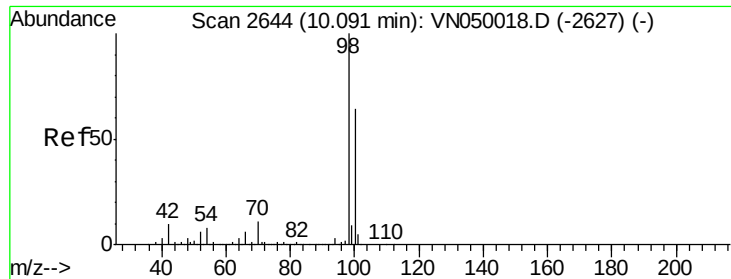


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

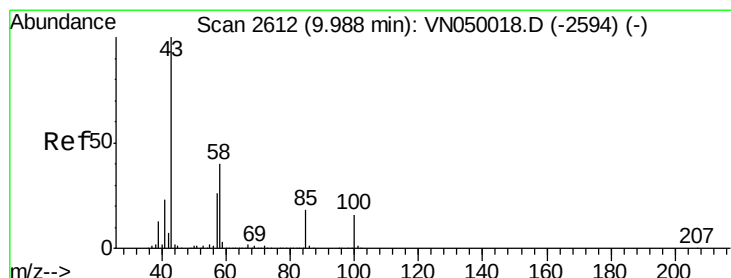
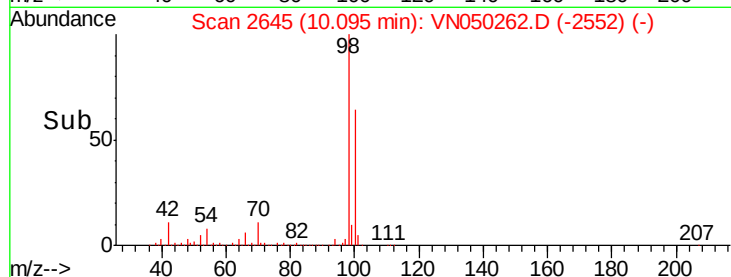
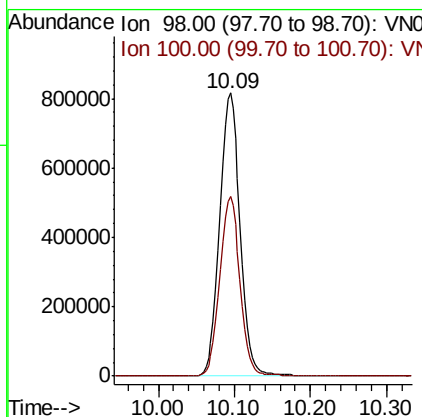
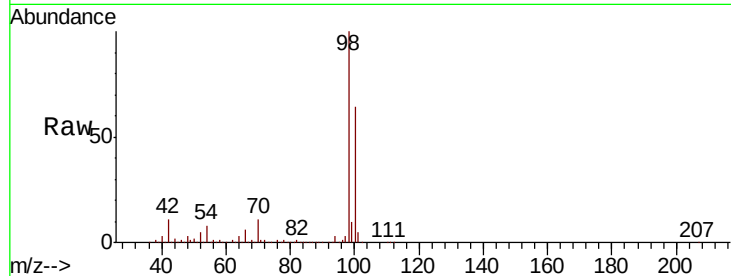




#50
Toluene-d8
Concen: 46.02 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050262.D
Acq: 2 Aug 2018 14:29

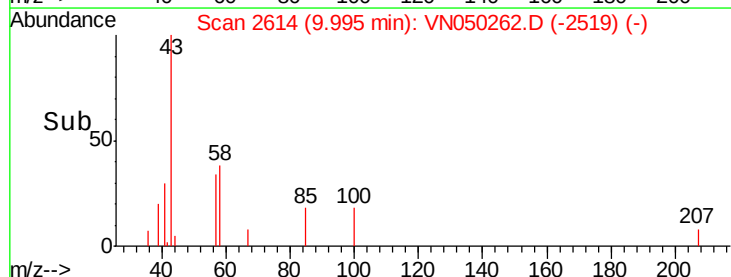
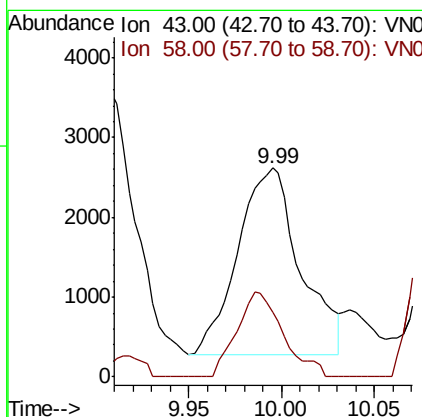
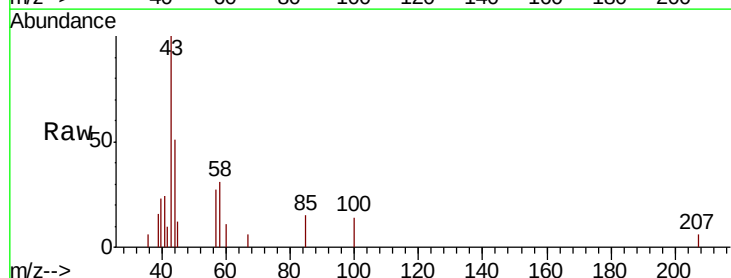
Instrument :
MSVOA_N
ClientSampled :
PB111674TB

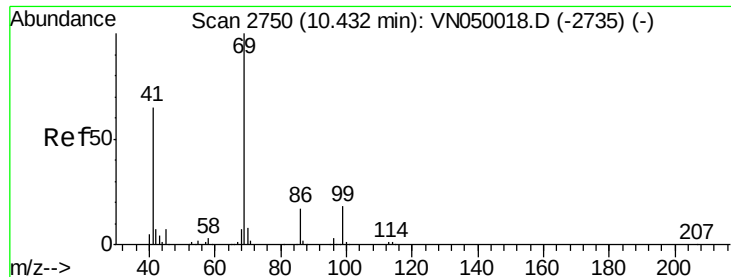
Tot Ion: 98 Resp: 1522721
Ion Ratio Lower Upper
98 100
100 62.9 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 0.64 ug/l
RT: 9.99 min Scan# 2614
Delta R.T. 0.01 min
Lab File: VN050262.D
Acq: 2 Aug 2018 14:29

Tgt Ion: 43 Resp: 5474
Ion Ratio Lower Upper
43 100
58 33.8 31.9 47.9





#56

Ethyl methacrylate

Concen: 2.06 ug/l

RT: 10.43 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VN050262.D

Acq: 2 Aug 2018 14:29

Instrument :

MSVOA_N

ClientSampleId :

PB111674TB

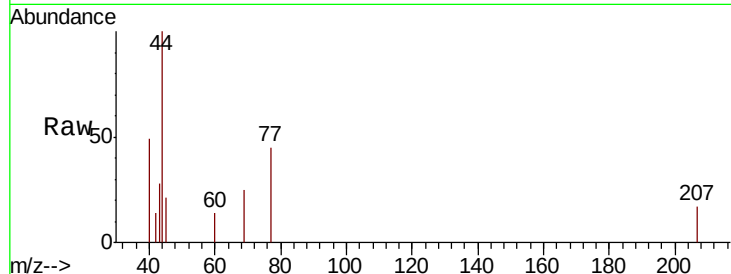
Tot Ion: 69 Resp: 379

Ion Ratio Lower Upper

69 100

41 0.0 51.0 76.4#

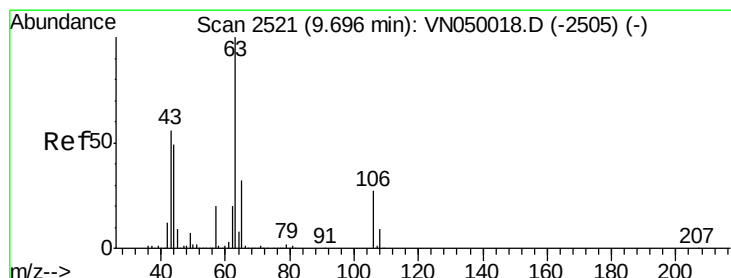
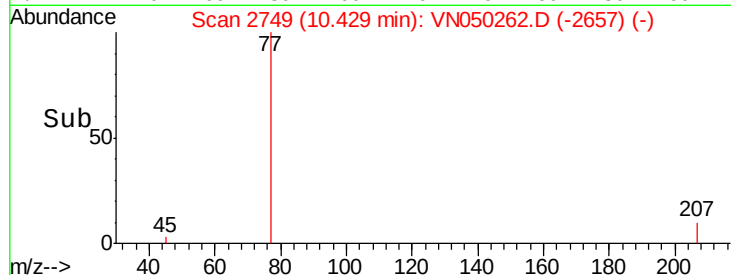
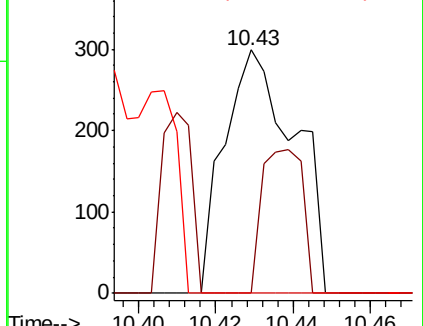
39 0.0 26.6 40.0#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 8.55 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. -0.00 min

Lab File: VN050262.D

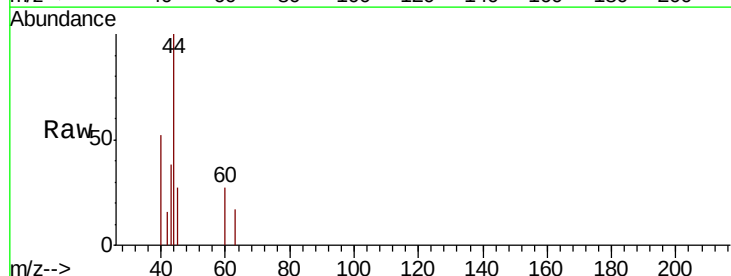
Acq: 2 Aug 2018 14:29

Tgt Ion: 63 Resp: 126

Ion Ratio Lower Upper

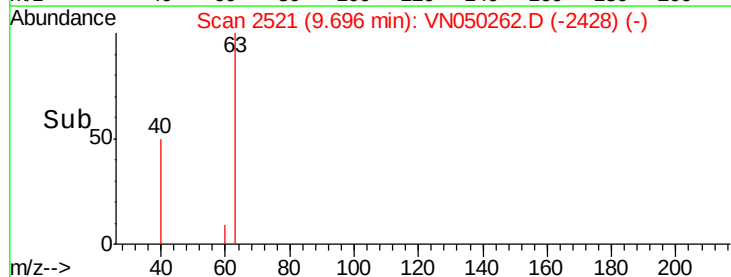
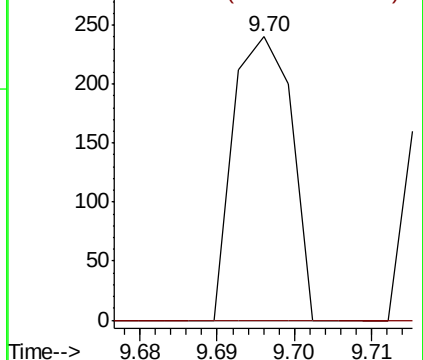
63 100

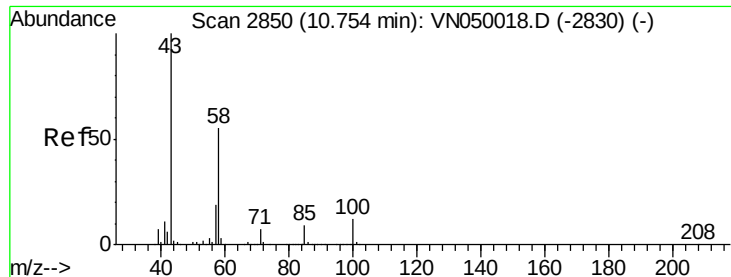
106 0.0 21.7 32.5#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 9.06 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050262.D

Acq: 2 Aug 2018 14:29

Instrument :

MSVOA_N

ClientSampleId :

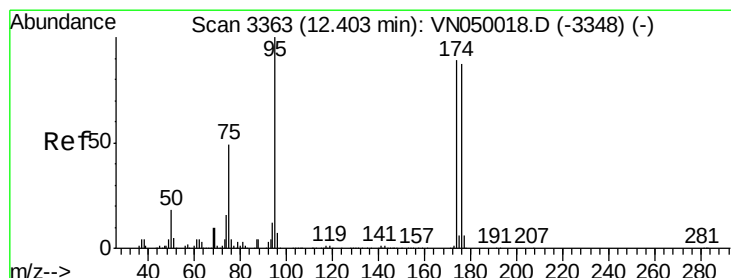
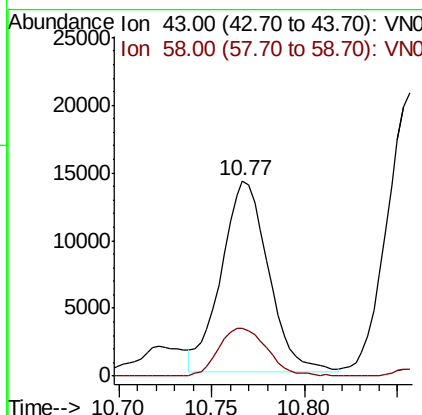
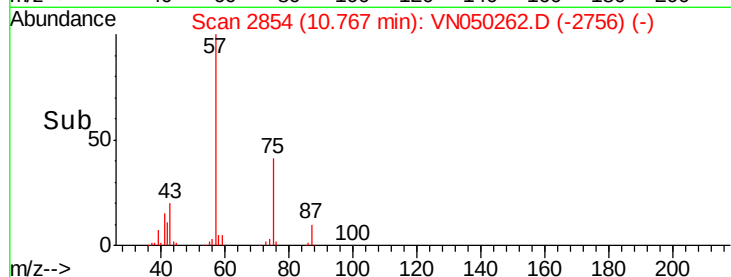
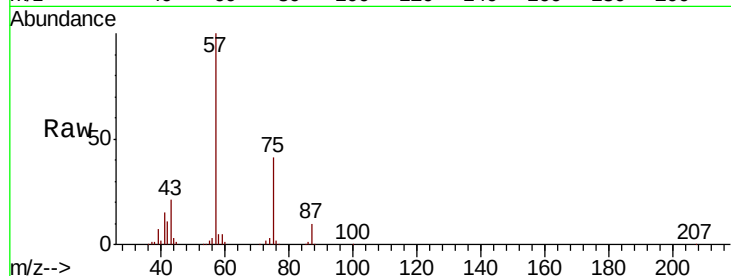
PB111674TB

Tot Ion: 43 Resp: 24812

Ion Ratio Lower Upper

43 100

58 25.9 27.6 82.7#



#62

4-Bromofluorobenzene

Concen: 38.34 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050262.D

Acq: 2 Aug 2018 14:29

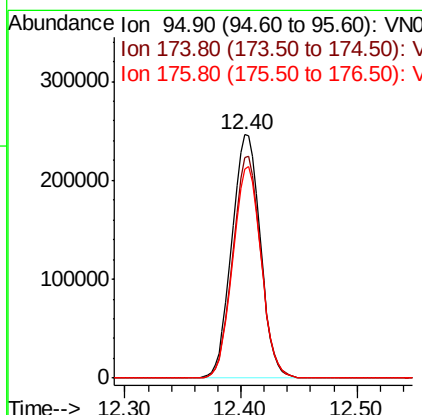
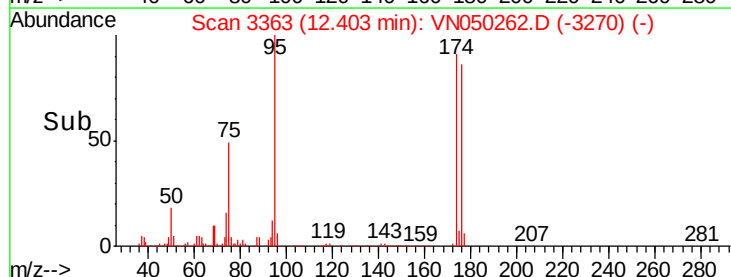
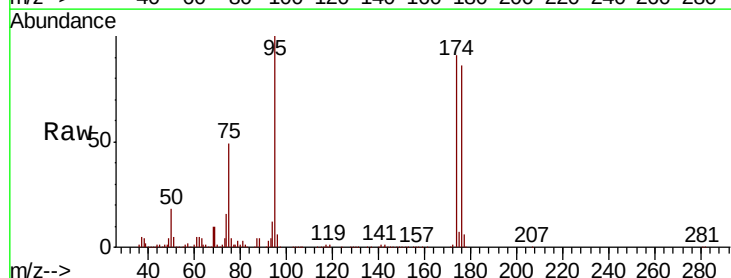
Tgt Ion: 95 Resp: 417693

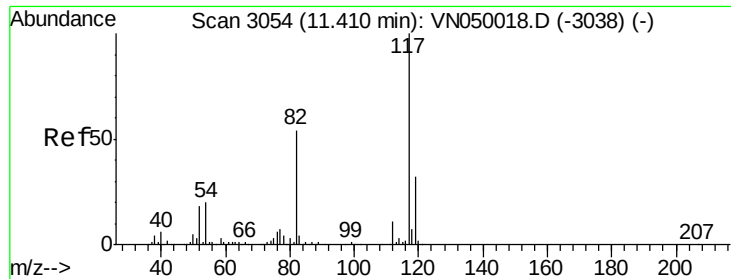
Ion Ratio Lower Upper

95 100

174 89.8 0.0 178.2

176 86.5 0.0 173.4

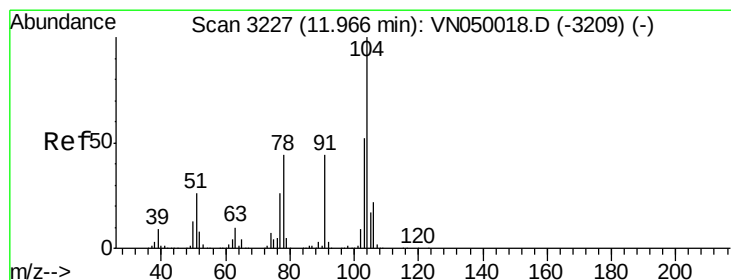
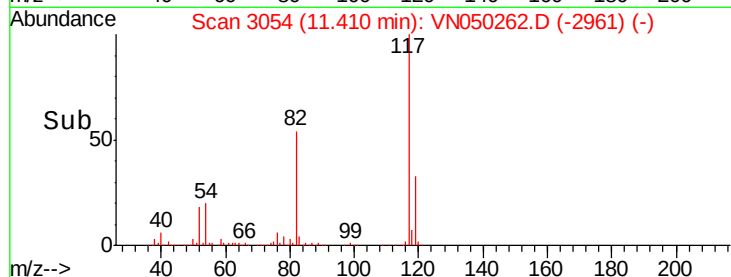
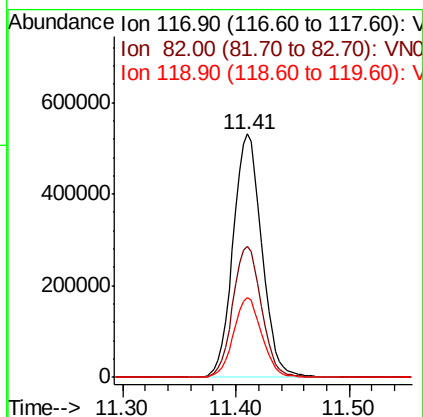
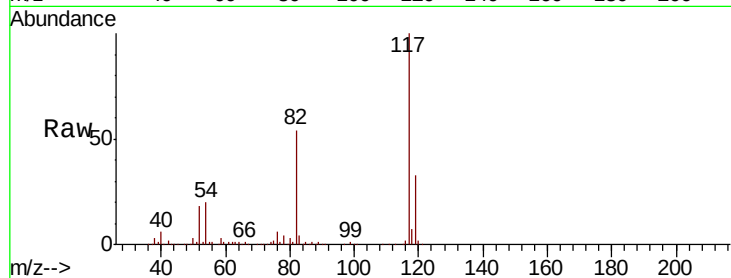




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050262.D
Acq: 2 Aug 2018 14:29

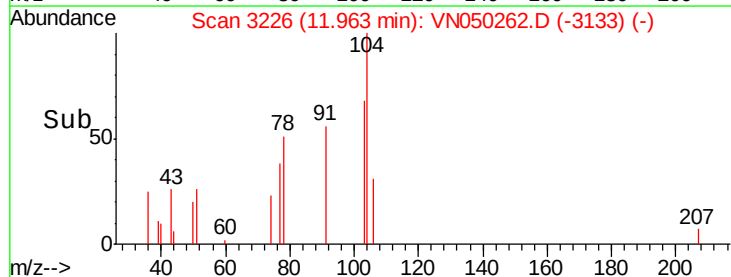
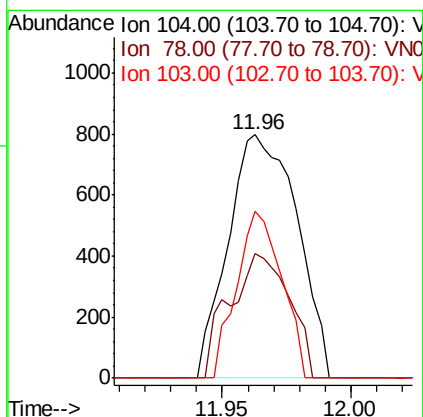
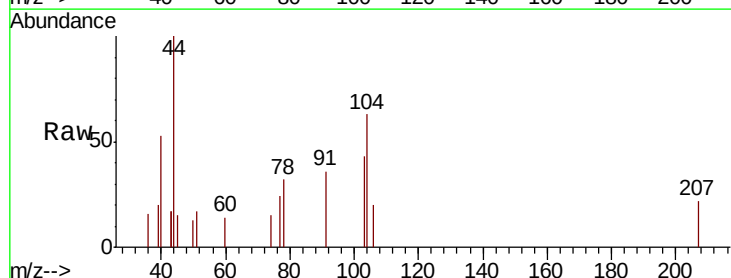
Instrument :
MSVOA_N
ClientSampleId :
PB111674TB

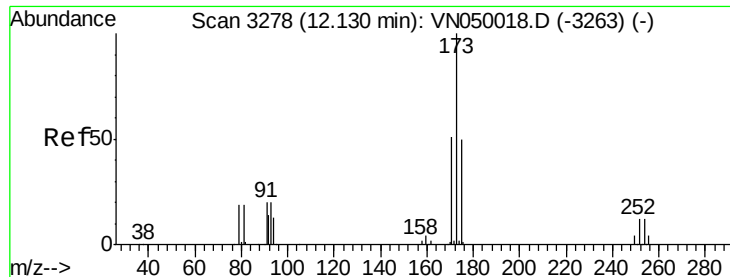
Tot Ion:117 Resp: 937789
Ion Ratio Lower Upper
117 100
82 53.8 43.7 65.5
119 32.6 26.1 39.1



#70
Styrene
Concen: 0.98 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN050262.D
Acq: 2 Aug 2018 14:29

Tgt Ion:104 Resp: 1484
Ion Ratio Lower Upper
104 100
78 44.7 39.3 58.9
103 45.0 45.0 67.6#





#71

Bromoform

Concen: 0.29 ug/l

RT: 12.40 min Scan# 3362

Delta R.T. 0.27 min

Lab File: VN050262.D

Acq: 2 Aug 2018 14:29

Instrument :

MSVOA_N

ClientSampleId :

PB111674TB

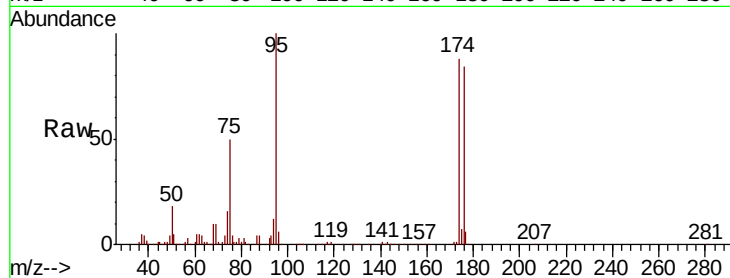
Tot Ion:173 Resp: 1950

Ion Ratio Lower Upper

173 100

175 0.0 24.1 72.2#

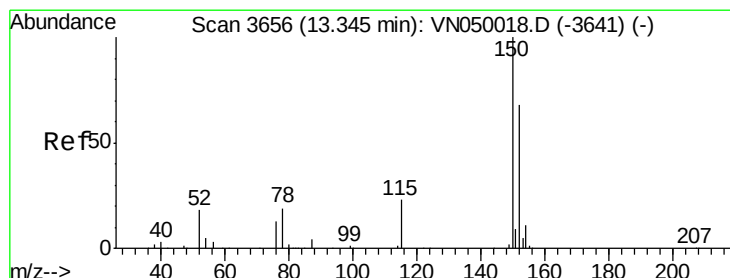
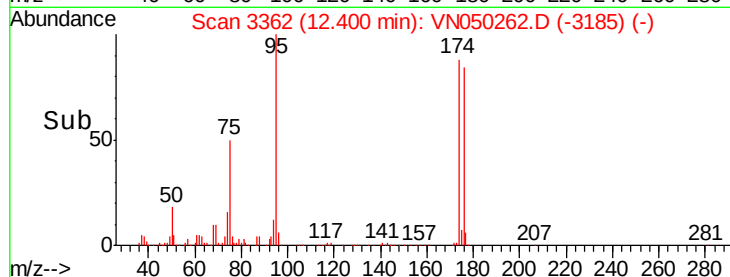
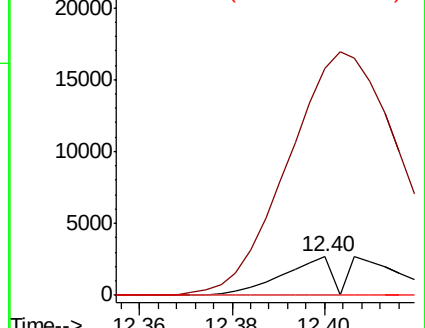
254 0.0 0.2 0.2#



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: VN050262.D

Acq: 2 Aug 2018 14:29

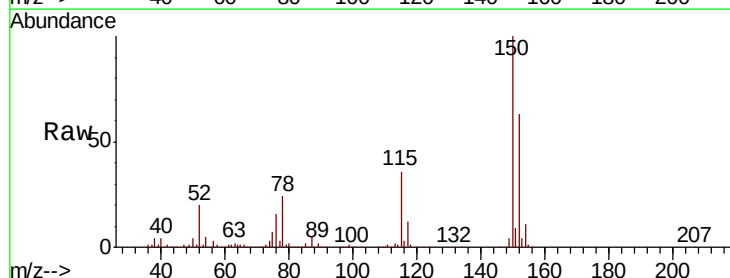
Tgt Ion:152 Resp: 339715

Ion Ratio Lower Upper

152 100

115 56.6 27.8 83.3

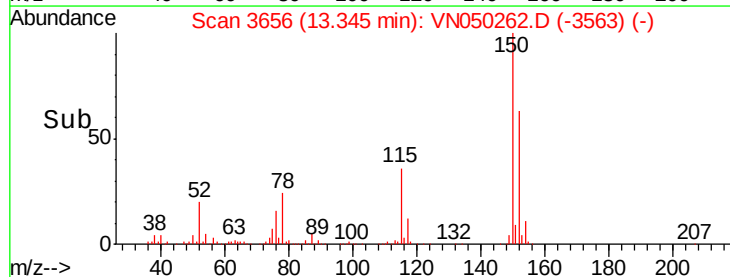
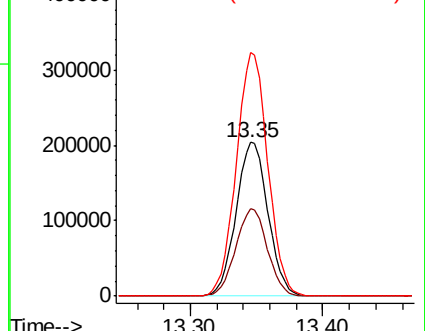
150 156.6 0.0 348.6

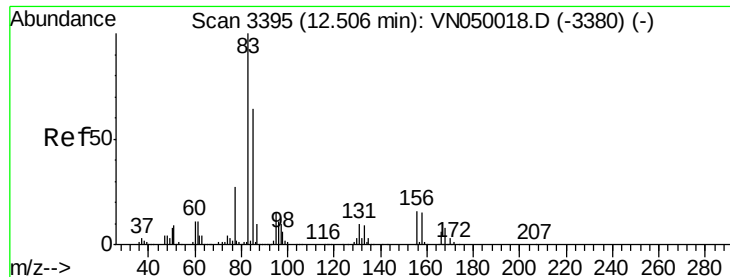


Abundance Ion 151.90 (151.60 to 152.60): V

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: 12.50 min Scan# 3394

Delta R.T. -0.00 min

Lab File: VN050262.D

Acq: 2 Aug 2018 14:29

Instrument :

MSVOA_N

ClientSampleId :

PB111674TB

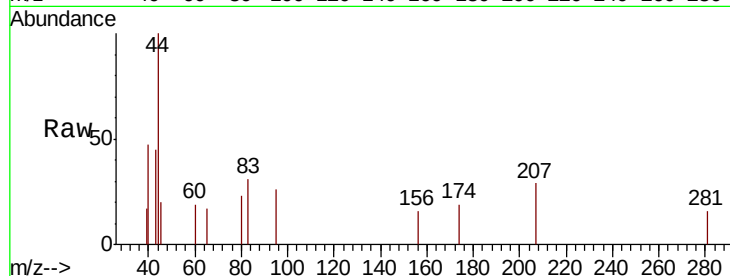
Tot Ion: 83 Resp: 360

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

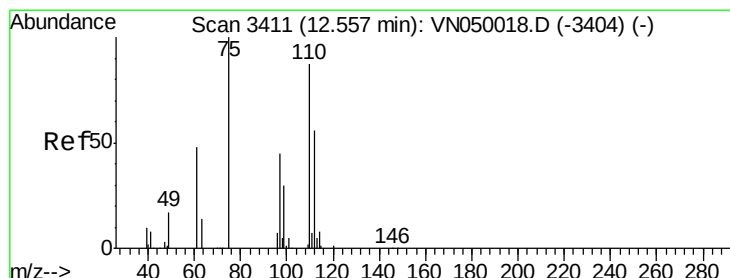
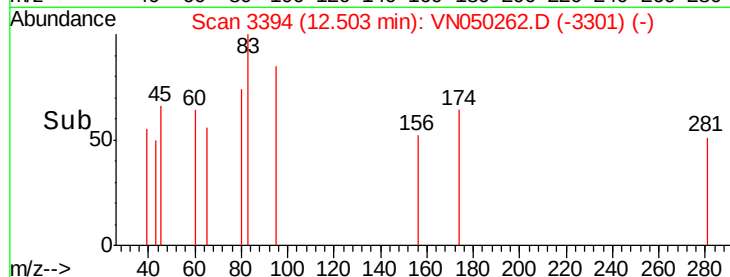
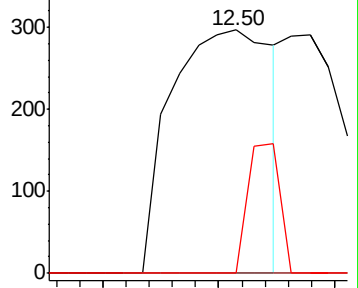
85 16.9 32.3 96.8#



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: 31.96 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050262.D

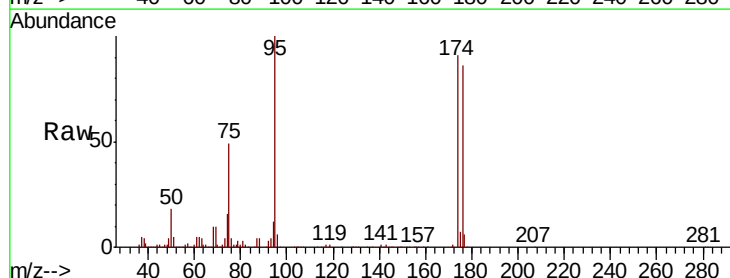
Acq: 2 Aug 2018 14:29

Tgt Ion: 75 Resp: 201802

Ion Ratio Lower Upper

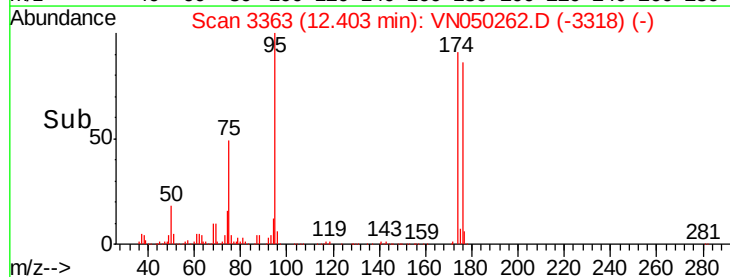
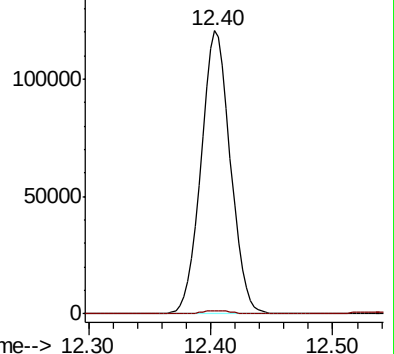
75 100

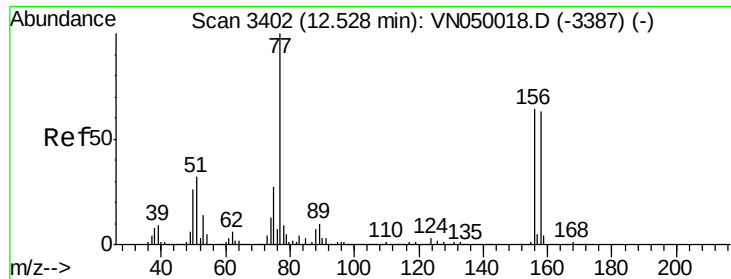
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 0.24 ug/l

RT: 12.52 min Scan# 3400

Delta R.T. -0.01 min

Lab File: VN050262.D

Acq: 2 Aug 2018 14:29

Instrument :

MSVOA_N

ClientSampleId :

PB111674TB

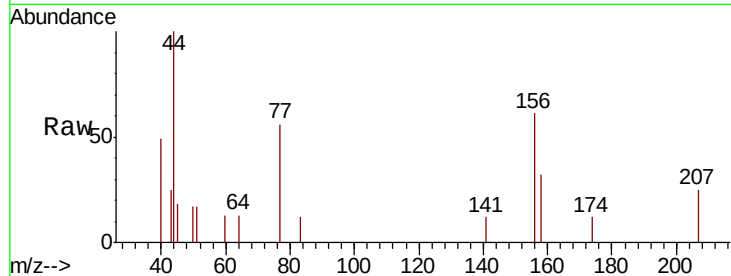
Tot Ion:156 Resp: 1770

Ion Ratio Lower Upper

156 100

77 106.9 91.7 275.1

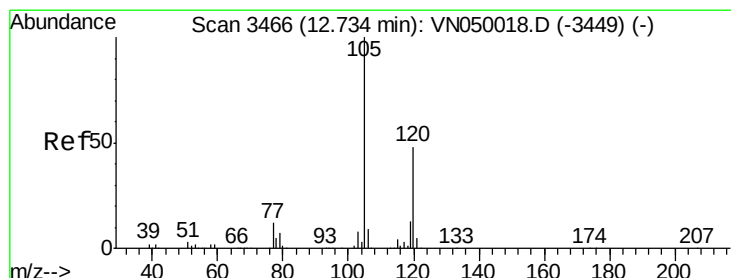
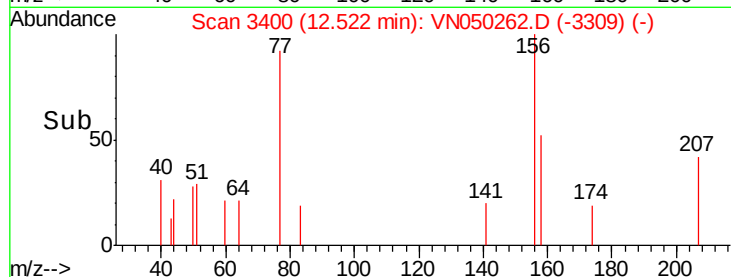
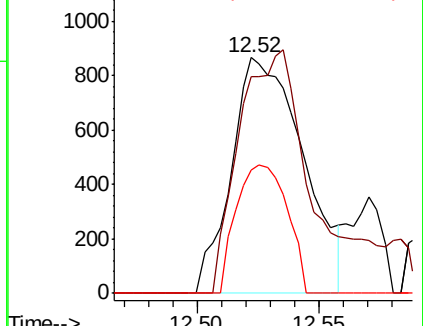
158 38.5 48.9 146.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#80

1,3,5-Trimethylbenzene

Concen: 0.25 ug/l

RT: 12.74 min Scan# 3467

Delta R.T. 0.00 min

Lab File: VN050262.D

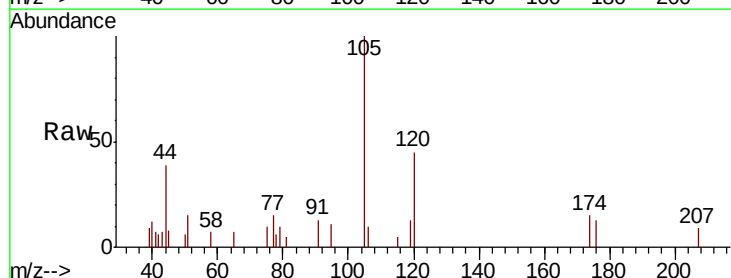
Acq: 2 Aug 2018 14:29

Tgt Ion:105 Resp: 5088

Ion Ratio Lower Upper

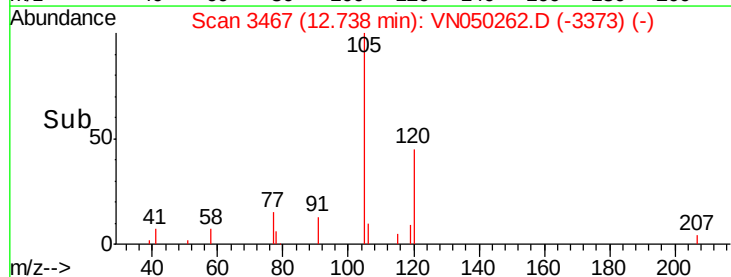
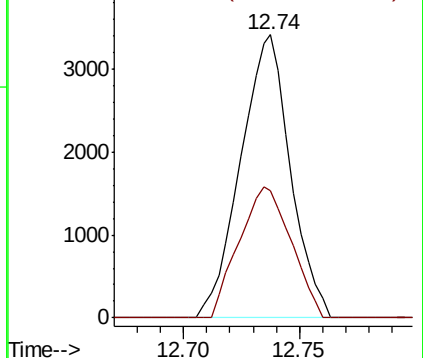
105 100

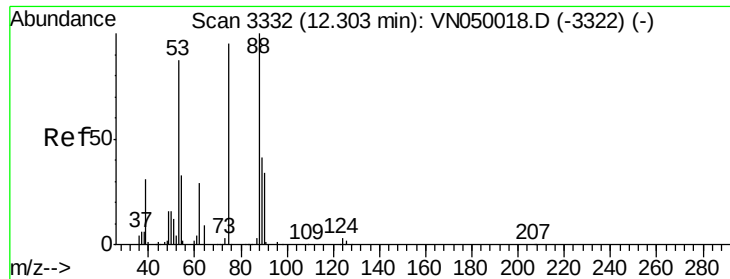
120 48.4 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

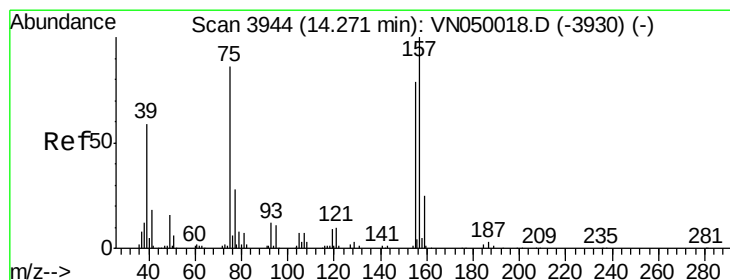
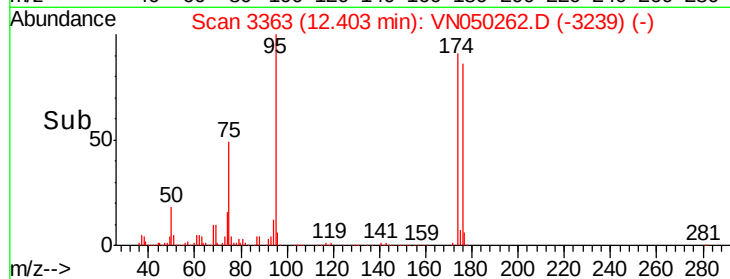
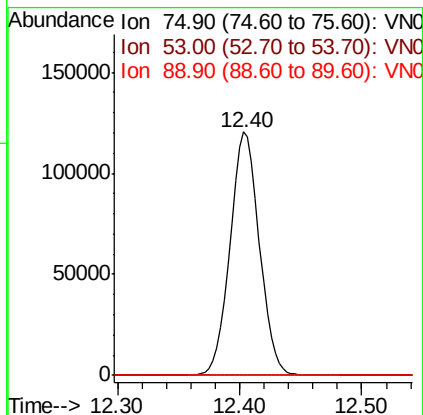
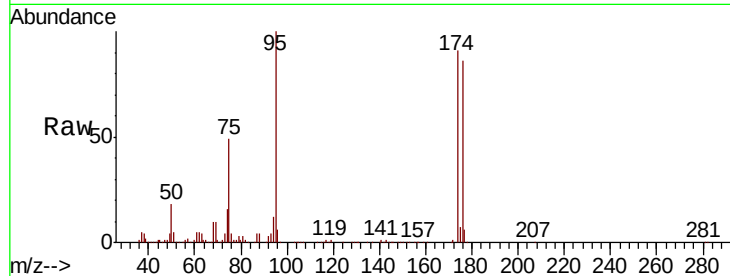




#81
trans-1,4-Dichloro-2-butene
Concen: 101.39 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN050262.D
Acq: 2 Aug 2018 14:29

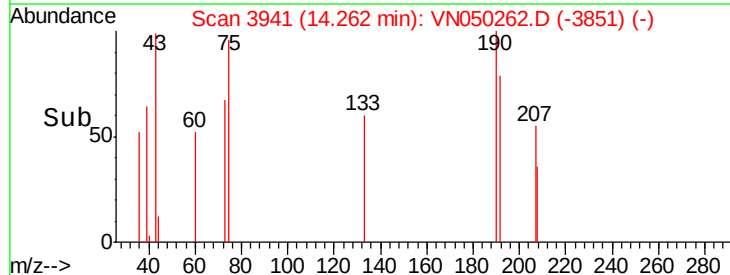
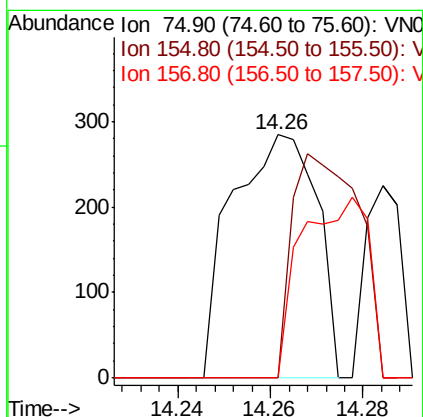
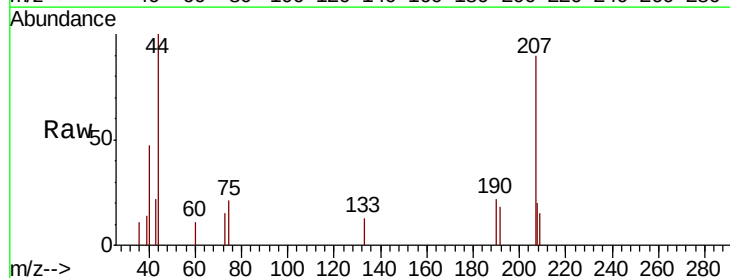
Instrument :
MSVOA_N
ClientSampleId :
PB111674TB

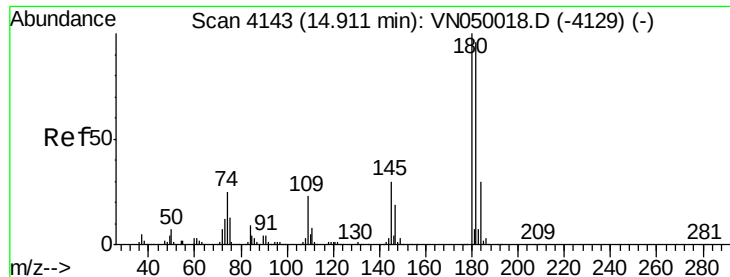
Tot Ion: 75 Resp: 201802
Ion Ratio Lower Upper
75 100
53 0.2 73.5 110.3#
89 0.0 36.0 54.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.26 min Scan# 3941
Delta R.T. -0.01 min
Lab File: VN050262.D
Acq: 2 Aug 2018 14:29

Tgt Ion: 75 Resp: 363
Ion Ratio Lower Upper
75 100
155 72.2 44.8 134.4
157 0.0 57.2 171.6#

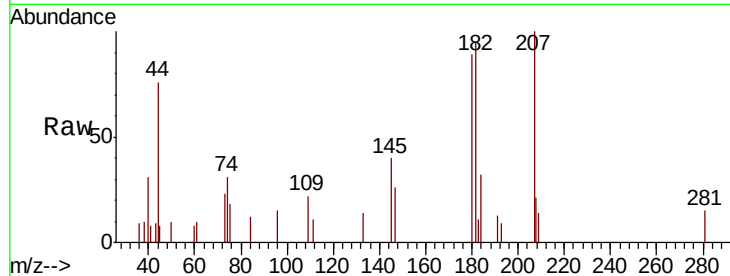




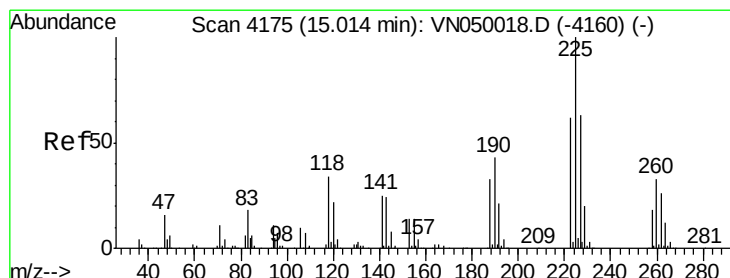
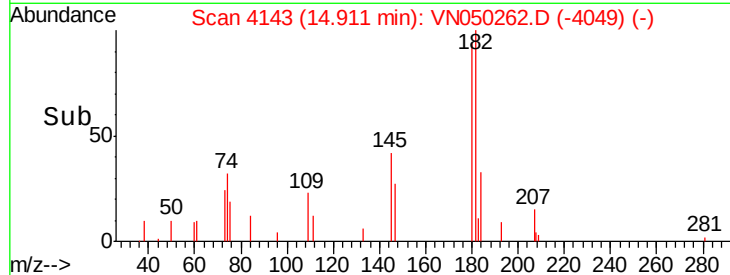
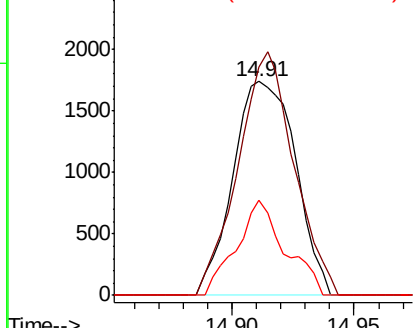
#93
 1,2,4-Trichlorobenzene
 Concen: 3.53 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050262.D
 Acq: 2 Aug 2018 14:29

Instrument :
 MSVOA_N
 ClientSampled :
 PB111674TB

Tot Ion:180 Resp: 3101
 Ion Ratio Lower Upper
 180 100
 182 101.4 46.7 140.1
 145 34.3 13.8 41.4

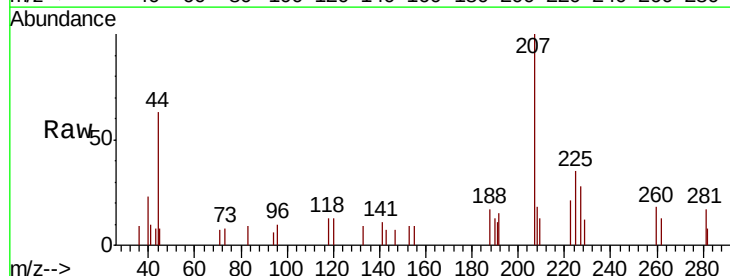


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

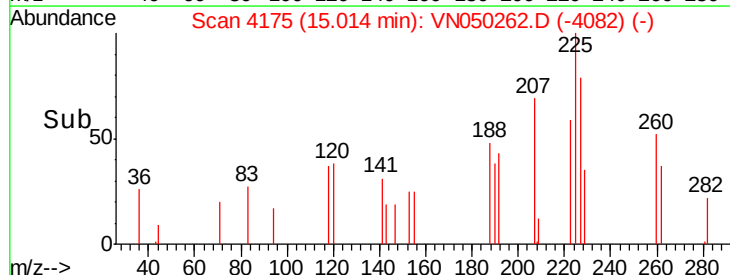
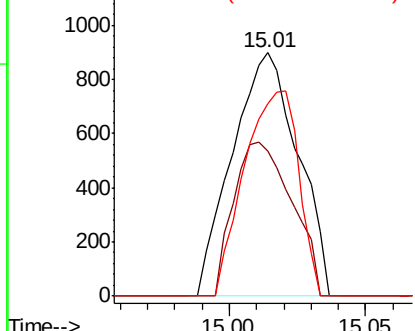


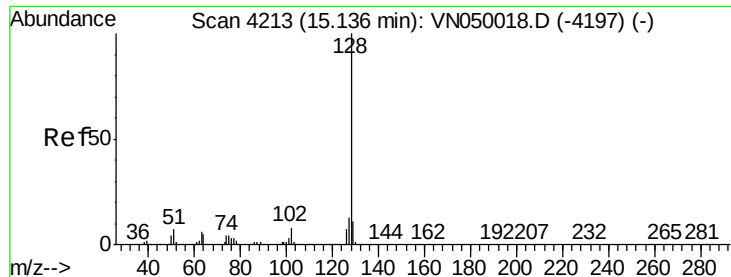
#94
 Hexachlorobutadiene
 Concen: 0.40 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN050262.D
 Acq: 2 Aug 2018 14:29

Tgt Ion:225 Resp: 1498
 Ion Ratio Lower Upper
 225 100
 223 56.5 31.4 94.2
 227 69.7 32.1 96.5



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: 5.38 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050262.D

Acq: 2 Aug 2018 14:29

Instrument :

MSVOA_N

ClientSampleId :

PB111674TB

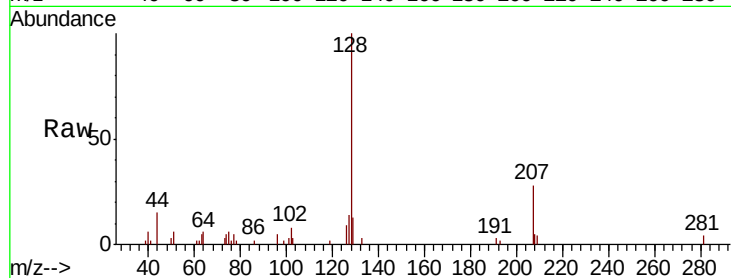
Tot Ion:128 Resp: 16458

Ion Ratio Lower Upper

128 100

127 14.2 10.4 15.6

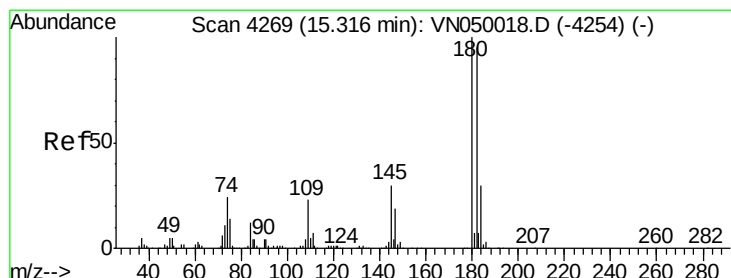
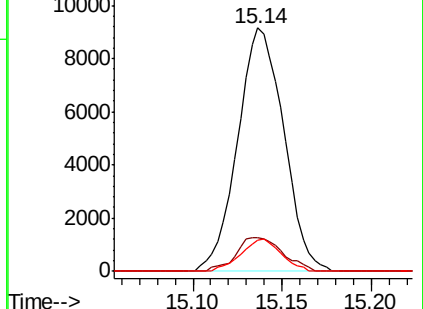
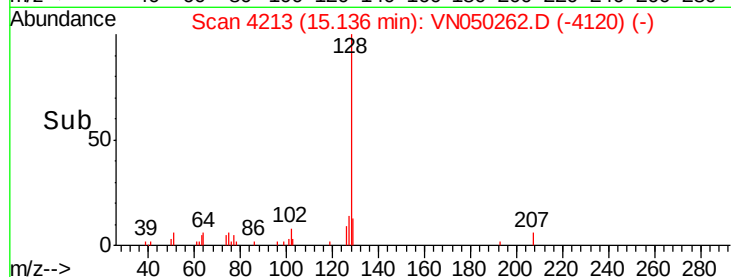
129 11.5 8.8 13.2



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



#96

1,2,3-Trichlorobenzene

Concen: 2.76 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. -0.00 min

Lab File: VN050262.D

Acq: 2 Aug 2018 14:29

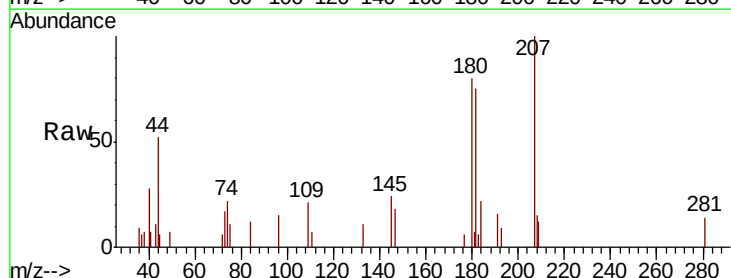
Tgt Ion:180 Resp: 3699

Ion Ratio Lower Upper

180 100

182 96.1 48.1 144.4

145 29.3 15.3 45.9



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

