

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073118\
 Data File : VN050212.D
 Acq On : 31 Jul 2018 14:03
 Operator : MD\SY
 Sample : PB111613ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111613ZHE#01

Quant Time: Jul 31 18:05:32 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	697222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1162268	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	978401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	356645	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	491112	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	
35) Dibromofluoromethane	7.59	113	439917	46.36	ug/l	0.00
Spiked Amount			Recovery	=	92.72%	
50) Toluene-d8	10.09	98	1582574	45.36	ug/l	0.00
Spiked Amount			Recovery	=	90.72%	
62) 4-Bromofluorobenzene	12.40	95	438196	38.14	ug/l	0.00
Spiked Amount			Recovery	=	76.28%	

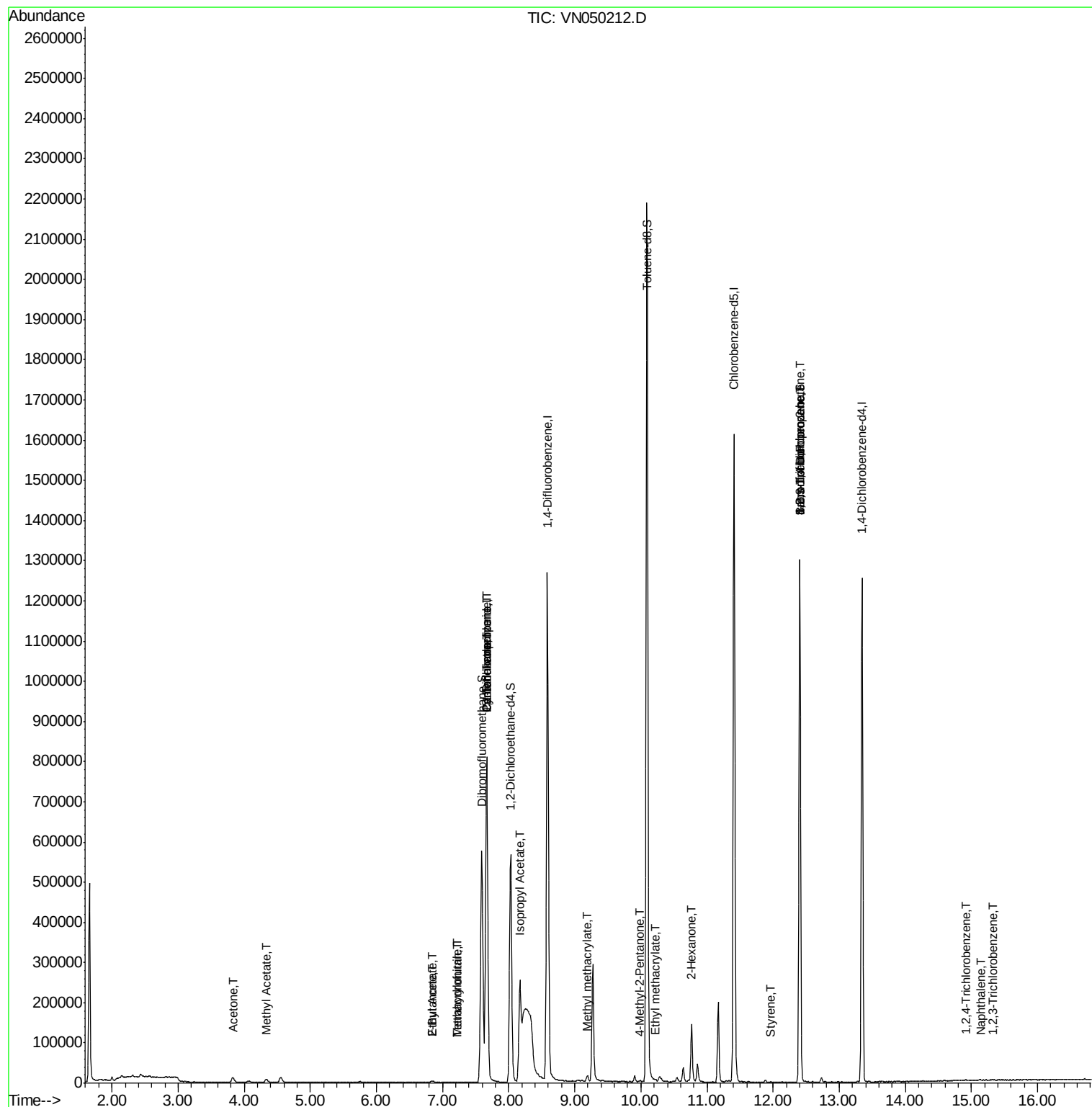
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.56	94	697	Below Cal	#	47
16) Acetone	3.82	43	22892	5.75	ug/l	96
18) Methyl Acetate	4.34	43	16285	0.20	ug/l	94
20) Methylene Chloride	4.55	84	10266	Below Cal		97
25) 2-Butanone	6.84	43	4199	1.13	ug/l	94
29) Tetrahydrofuran	7.21	42	1564	0.65	ug/l	# 39
31) Cyclohexane	7.66	56	12866	0.89	ug/l	# 2
36) 1,1-Dichloropropene	7.67	75	49066	3.75	ug/l	# 48
37) Ethyl Acetate	6.84	43	4199	0.46	ug/l	# 67
38) Carbon Tetrachloride	7.67	117	61675	4.44	ug/l	# 16
41) Methacrylonitrile	7.22	41	500	2.85	ug/l	# 24
43) Isopropyl Acetate	8.17	43	306844	17.09	ug/l	97
48) Methyl methacrylate	9.18	41	8901	1.13	ug/l	# 20
51) 4-Methyl-2-Pentanone	9.99	43	3213	0.36	ug/l	# 87
56) Ethyl methacrylate	10.23	69	2123	2.19	ug/l	# 57
59) 2-Hexanone	10.77	43	19990	8.14	ug/l	# 57
70) Styrene	11.97	104	515	0.94	ug/l	# 62
71) Bromoform	12.40	173	3739	0.54	ug/l	# 1
75) 1,1,2,2-Tetrachloroethane	12.40	83	332	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	212026	31.99	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.40	75	212026	101.47	ug/l	# 13
93) 1,2,4-Trichlorobenzene	14.91	180	648	3.17	ug/l	85
95) Naphthalene	15.14	128	1549	4.50	ug/l	# 74
96) 1,2,3-Trichlorobenzene	15.32	180	551	2.28	ug/l	# 75

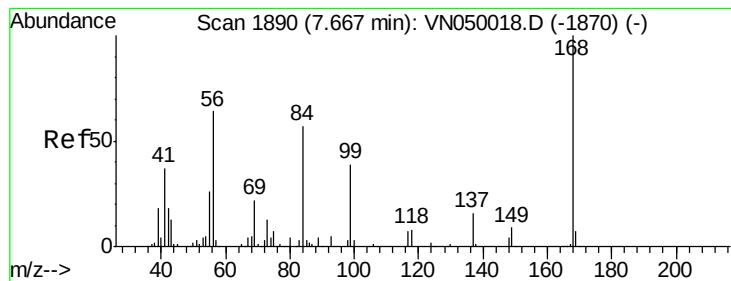
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 31 18:05:32 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050212.D

Acq: 31 Jul 2018 14:03

Instrument :

MSVOA_N

ClientSampleId :

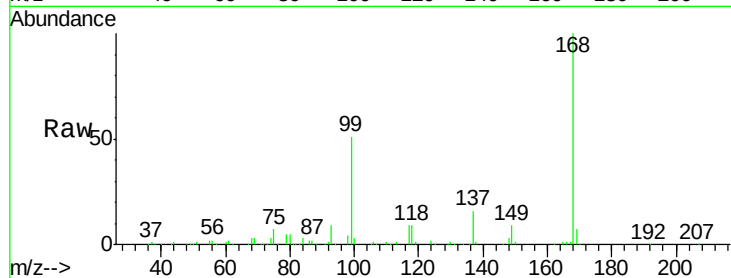
PB111613ZHE#01

Tot Ion:168 Resp: 697222

Ion Ratio Lower Upper

168 100

99 50.7 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050212.D (-1798) (-)

Ion 98.90 (98.60 to 99.60): VN050212.D (-1798) (-)

7.67

300000

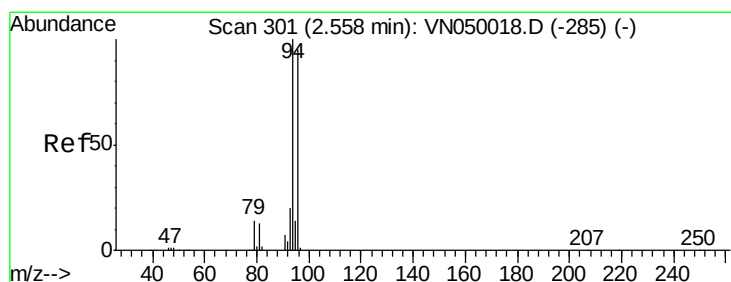
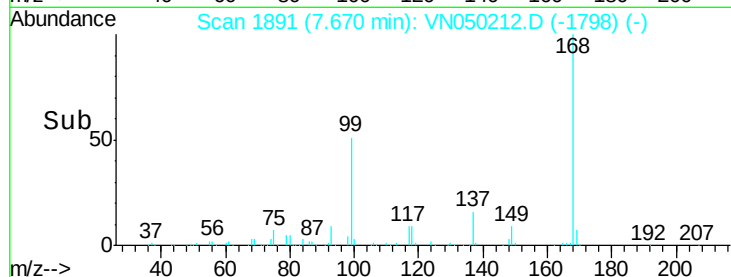
200000

100000

0

7.60 7.70 7.80

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 302

Delta R.T. 0.01 min

Lab File: VN050212.D

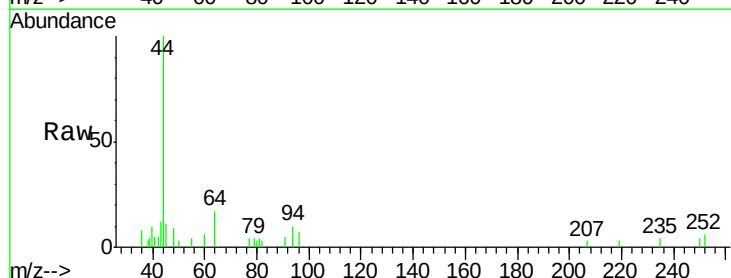
Acq: 31 Jul 2018 14:03

Tgt Ion: 94 Resp: 697

Ion Ratio Lower Upper

94 100

96 42.1 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VN050212.D (-206) (-)

Ion 95.90 (95.60 to 96.60): VN050212.D (-206) (-)

2.56

600

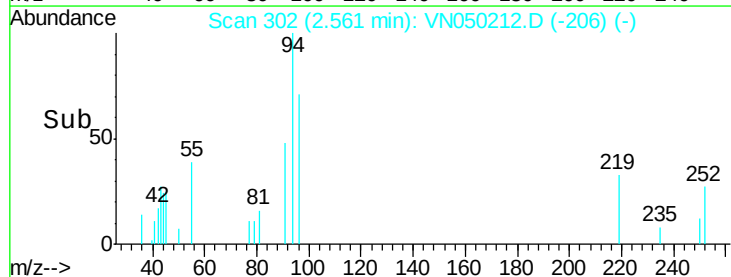
400

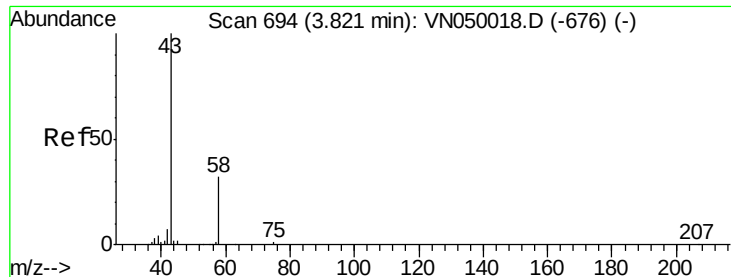
200

0

2.54 2.56

Time-->





#16

Acetone

Concen: 5.75 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050212.D

Acq: 31 Jul 2018 14:03

Instrument :

MSVOA_N

ClientSampleId :

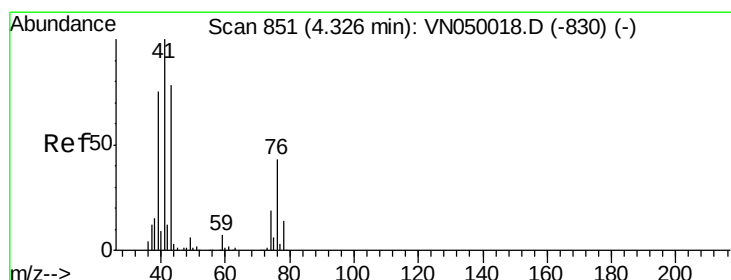
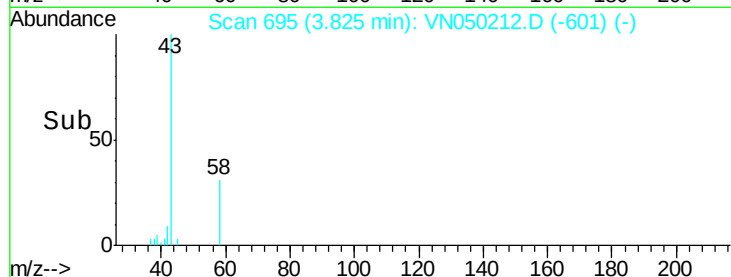
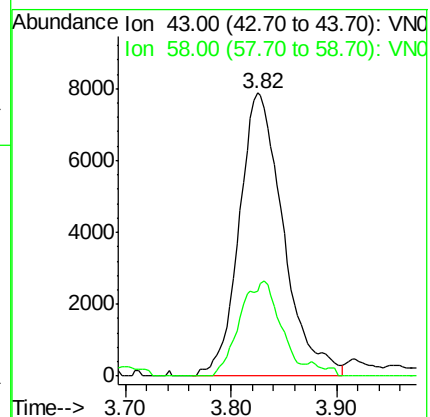
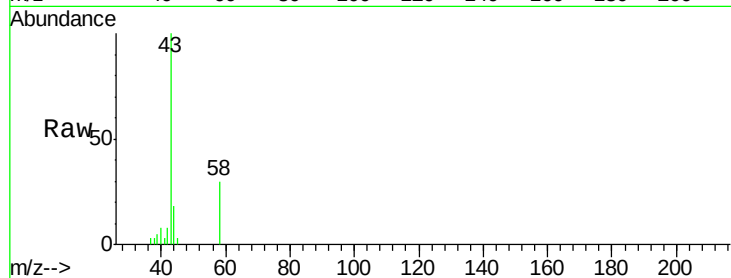
PB111613ZHE#01

Tot Ion: 43 Resp: 22892

Ion Ratio Lower Upper

43 100

58 30.2 25.8 38.8



#18

Methyl Acetate

Concen: 0.20 ug/l

RT: 4.34 min Scan# 855

Delta R.T. 0.01 min

Lab File: VN050212.D

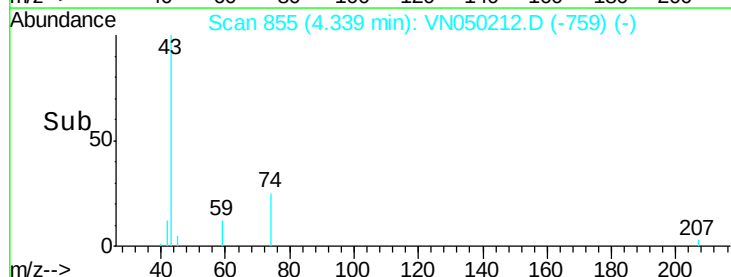
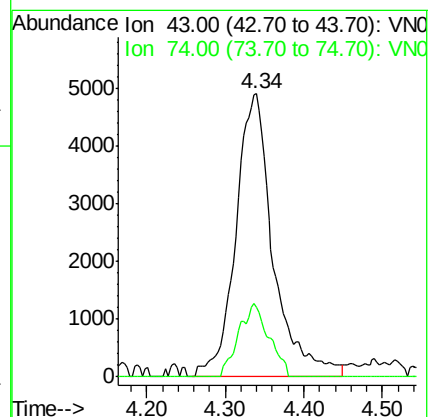
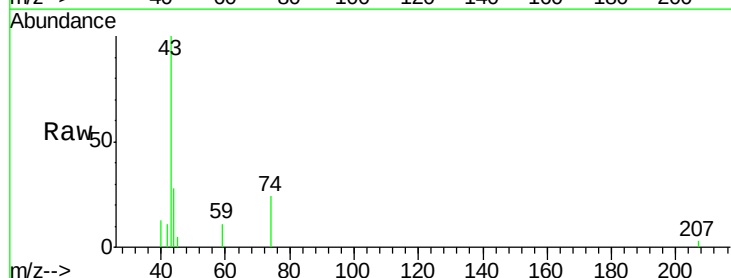
Acq: 31 Jul 2018 14:03

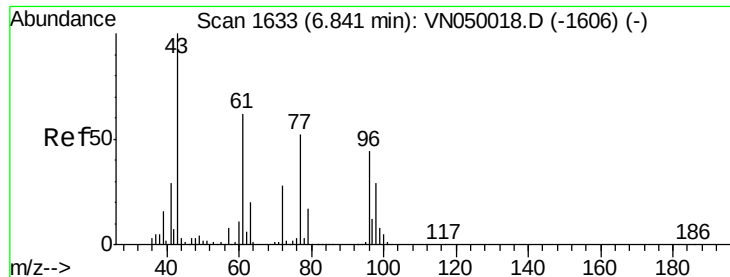
Tgt Ion: 43 Resp: 16285

Ion Ratio Lower Upper

43 100

74 20.9 19.2 28.8





#25

2-Butanone

Concen: 1.13 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN050212.D

Acq: 31 Jul 2018 14:03

Instrument :

MSVOA_N

ClientSampleId :

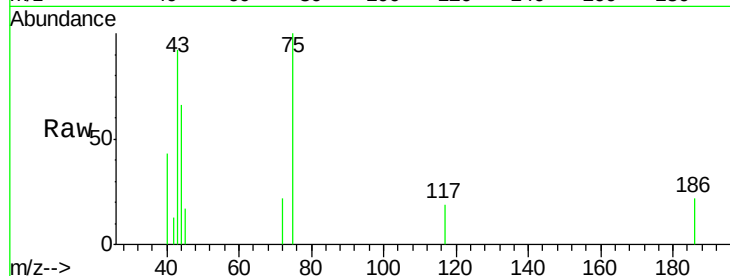
PB111613ZHE#01

Tot Ion: 43 Resp: 4199

Ion Ratio Lower Upper

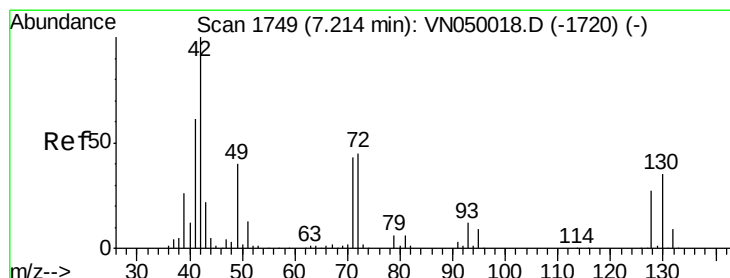
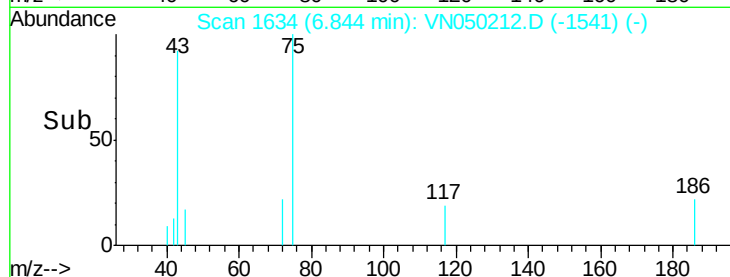
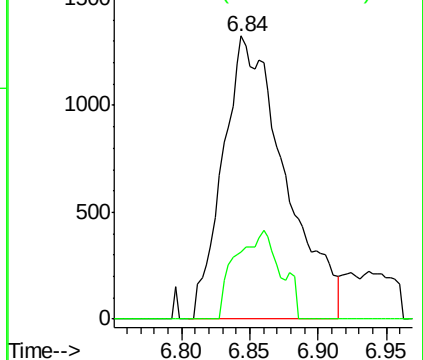
43 100

72 23.6 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: 0.65 ug/l

RT: 7.21 min Scan# 1749

Delta R.T. -0.01 min

Lab File: VN050212.D

Acq: 31 Jul 2018 14:03

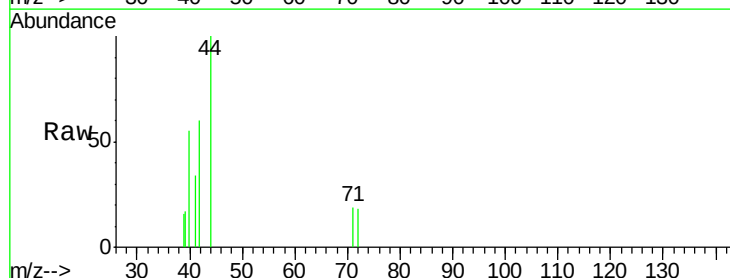
Tgt Ion: 42 Resp: 1564

Ion Ratio Lower Upper

42 100

72 8.6 35.9 53.9#

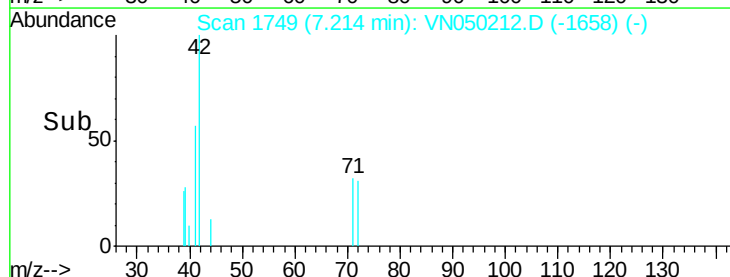
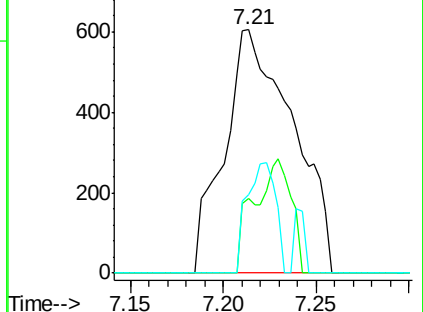
71 0.0 33.7 50.5#

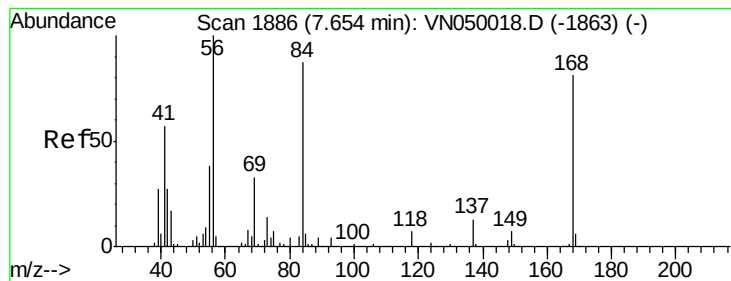


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0





#31

Cyclohexane

Concen: 0.89 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VN050212.D

Acq: 31 Jul 2018 14:03

Instrument :

MSVOA_N

ClientSampleId :

PB111613ZHE#01

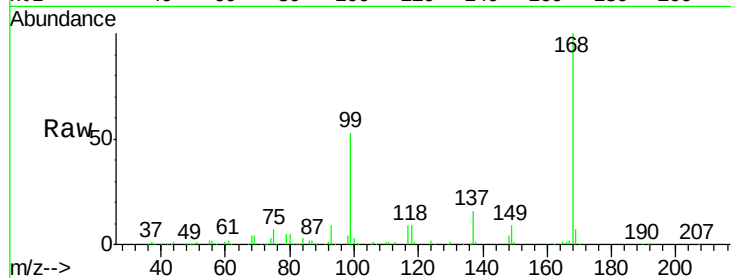
Tot Ion: 56 Resp: 12866

Ion Ratio Lower Upper

56 100

69 171.1 26.2 39.4#

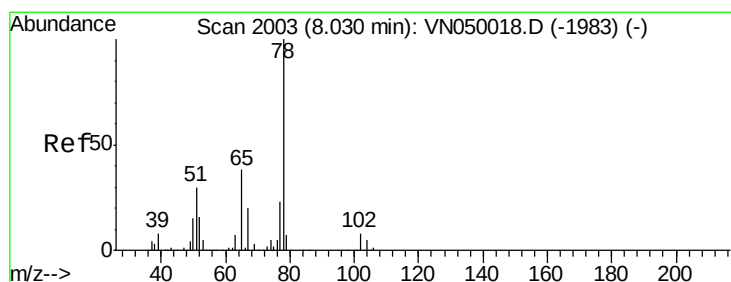
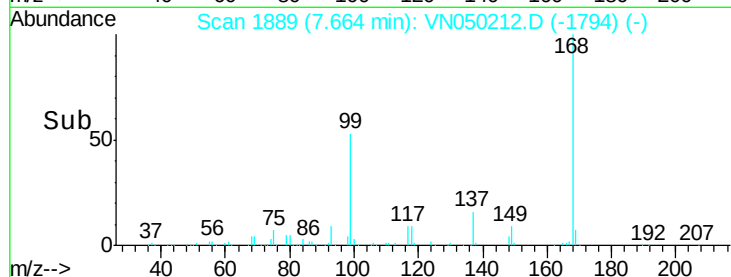
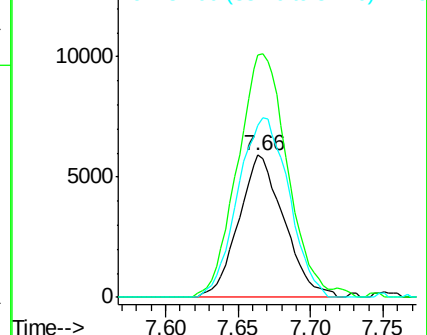
84 121.1 67.4 101.0#



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: 50.49 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050212.D

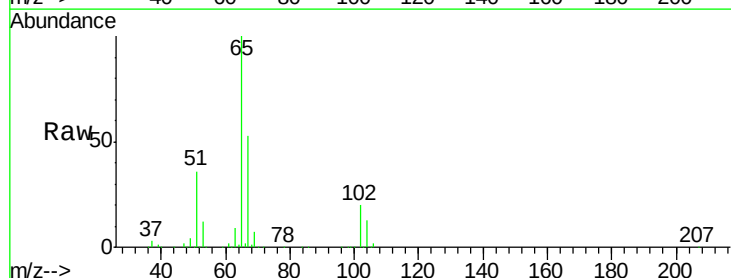
Acq: 31 Jul 2018 14:03

Tgt Ion: 65 Resp: 491112

Ion Ratio Lower Upper

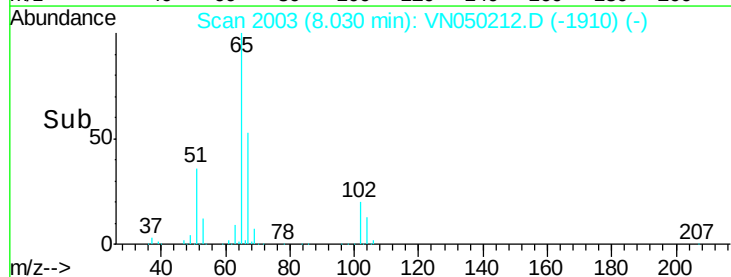
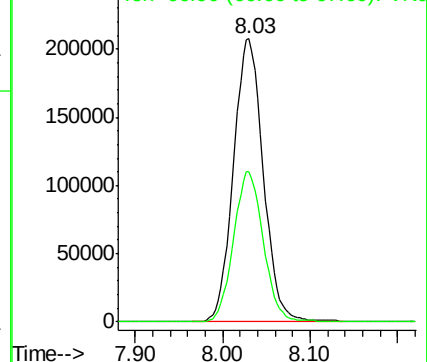
65 100

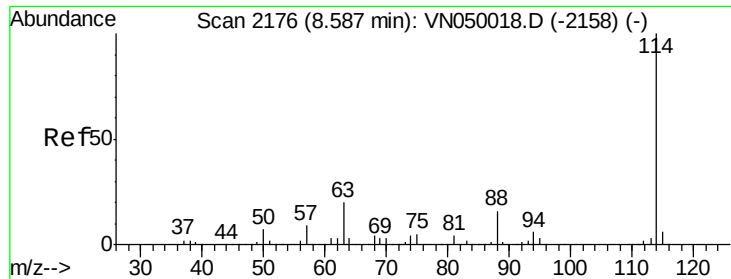
67 52.9 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

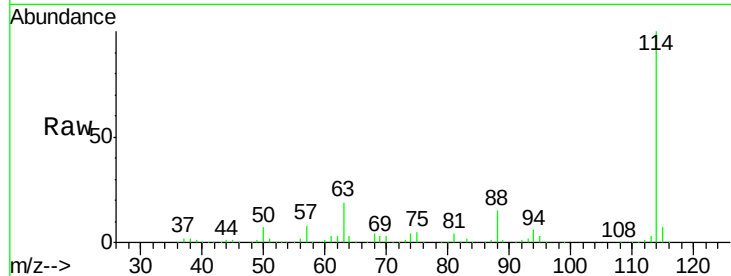




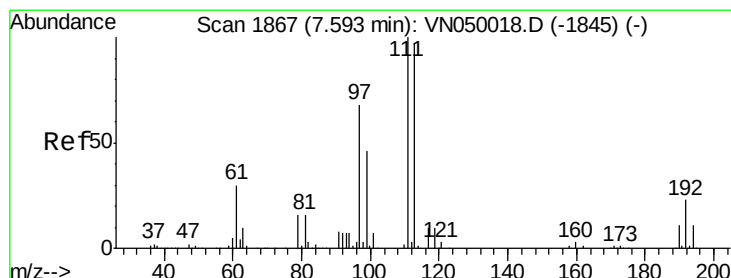
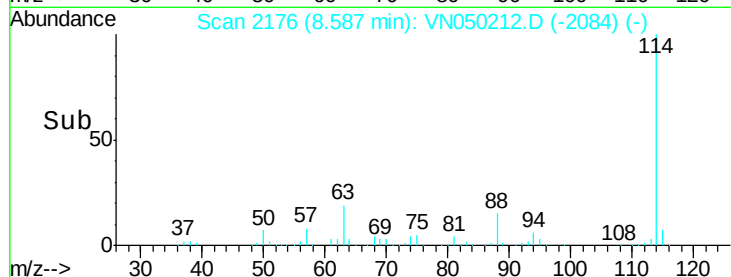
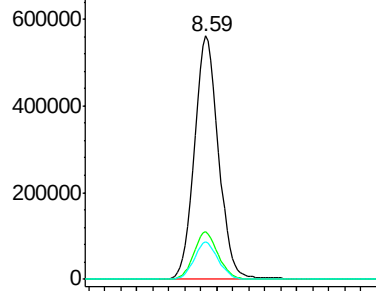
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2176
Delta R.T. -0.00 min
Lab File: VN050212.D
Acq: 31 Jul 2018 14:03

Instrument :
MSVOA_N
ClientSampleId :
PB111613ZHE#01

Tot Ion:114 Resp: 1162268
Ion Ratio Lower Upper
114 100
63 19.4 0.0 40.0
88 15.2 0.0 31.2

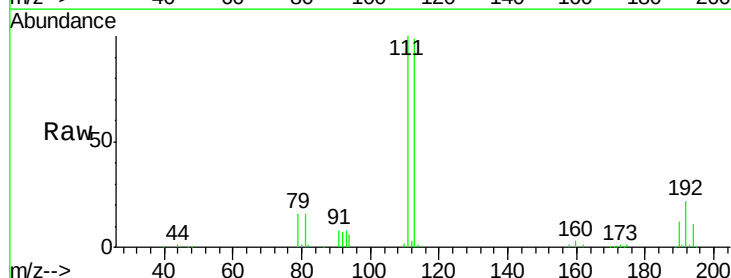


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

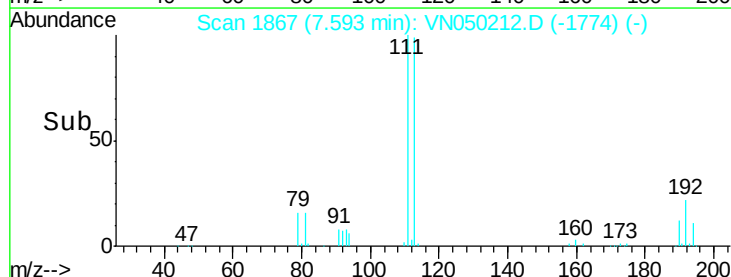
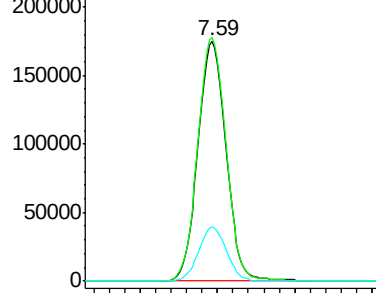


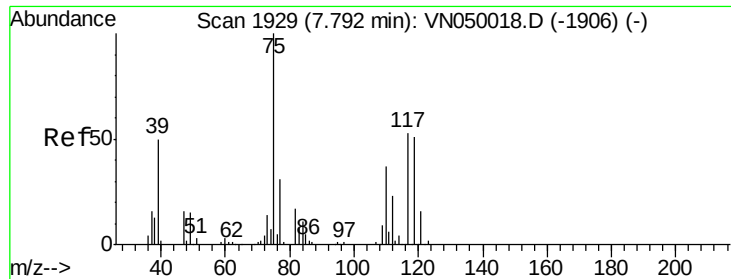
#35
Dibromofluoromethane
Concen: 46.36 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050212.D
Acq: 31 Jul 2018 14:03

Tgt Ion:113 Resp: 439917
Ion Ratio Lower Upper
113 100
111 102.3 80.7 121.1
192 22.2 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: 3.75 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN050212.D

Acq: 31 Jul 2018 14:03

Instrument :

MSVOA_N

ClientSampleId :

PB111613ZHE#01

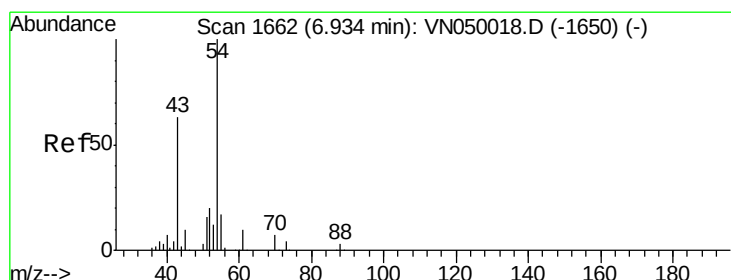
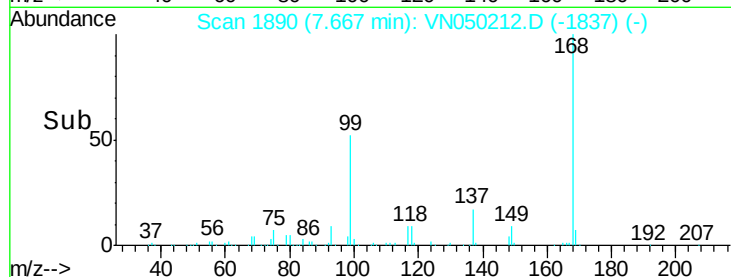
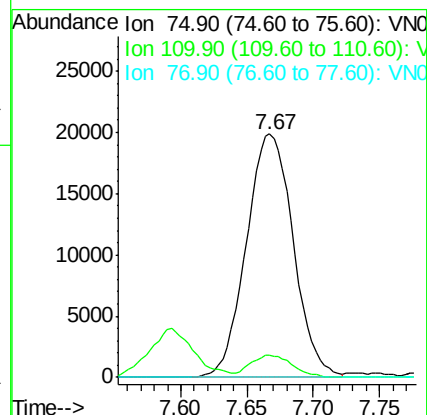
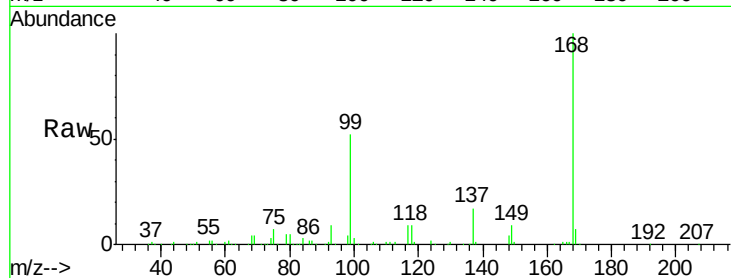
Tot Ion: 75 Resp: 49066

Ion Ratio Lower Upper

75 100

110 8.1 18.4 55.2#

77 0.0 25.3 37.9#



#37

Ethyl Acetate

Concen: 0.46 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. -0.09 min

Lab File: VN050212.D

Acq: 31 Jul 2018 14:03

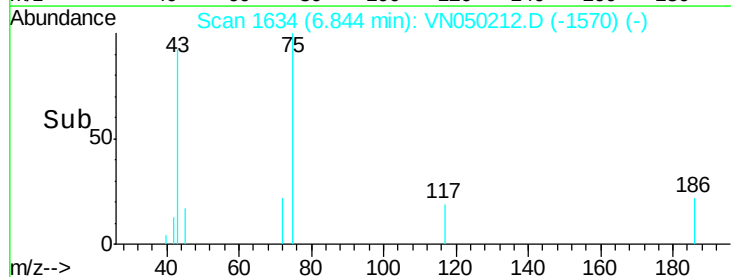
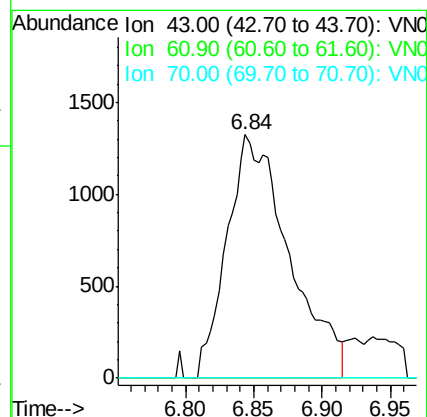
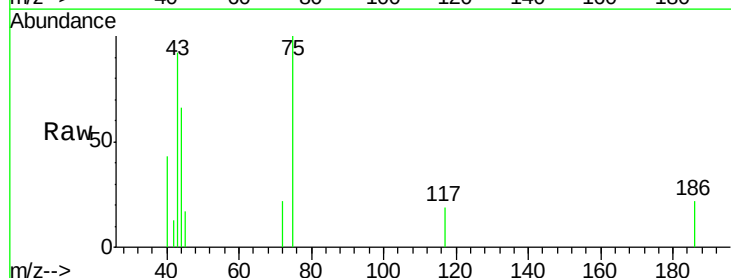
Tgt Ion: 43 Resp: 4199

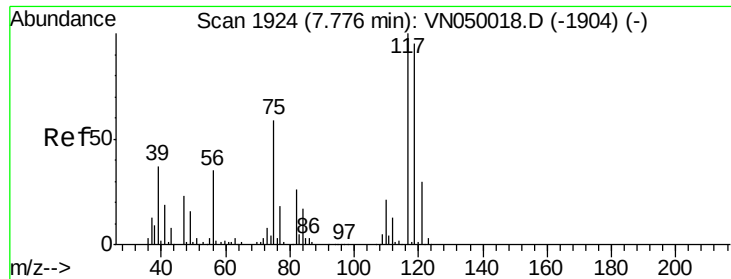
Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.8#

70 0.0 8.4 12.6#





#38

Carbon Tetrachloride

Concen: 4.44 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN050212.D

Acq: 31 Jul 2018 14:03

Instrument :

MSVOA_N

ClientSampleId :

PB111613ZHE#01

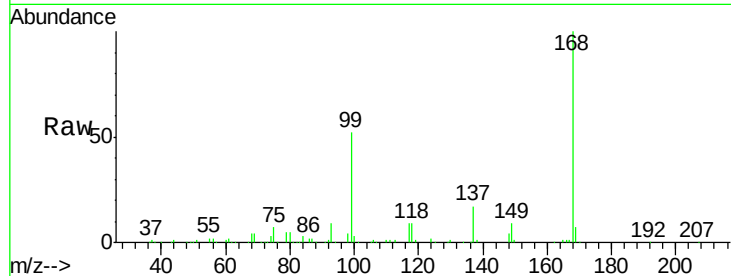
Tot Ion:117 Resp: 61675

Ion Ratio Lower Upper

117 100

119 6.1 77.4 116.0#

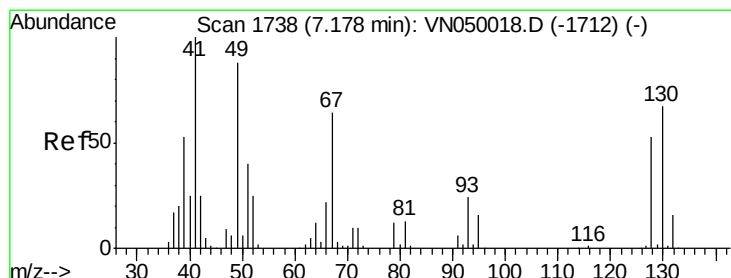
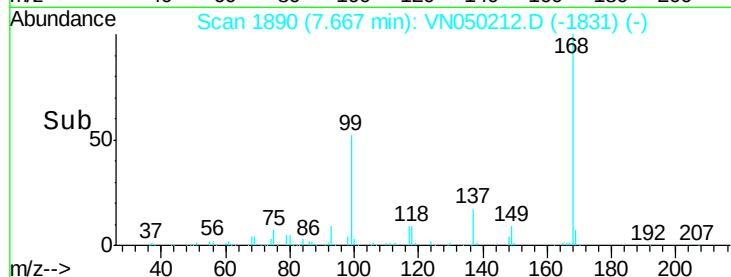
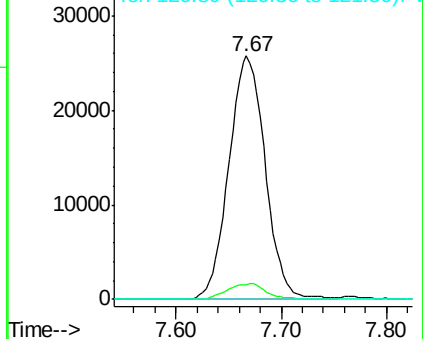
121 0.0 23.9 35.9#



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: 2.85 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.04 min

Lab File: VN050212.D

Acq: 31 Jul 2018 14:03

Tgt Ion: 41 Resp: 500

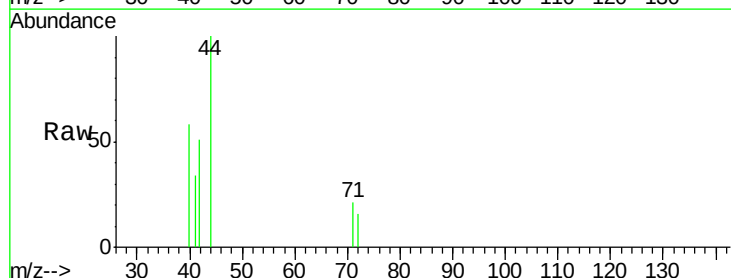
Ion Ratio Lower Upper

41 100

39 35.0 55.8 83.6#

67 0.0 84.3 126.5#

52 0.0 34.2 51.2#

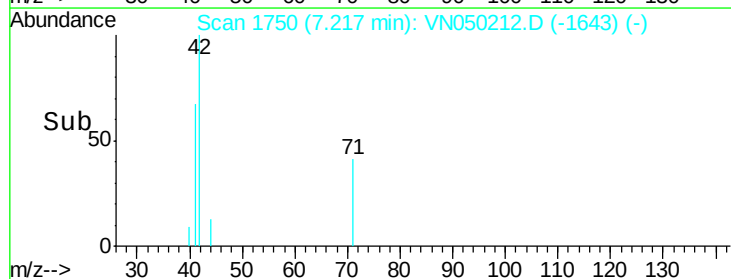
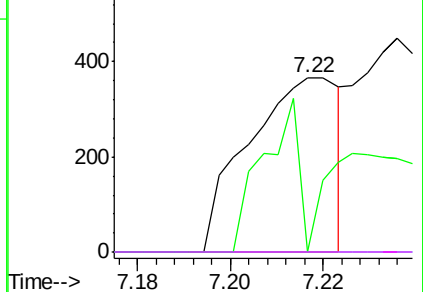


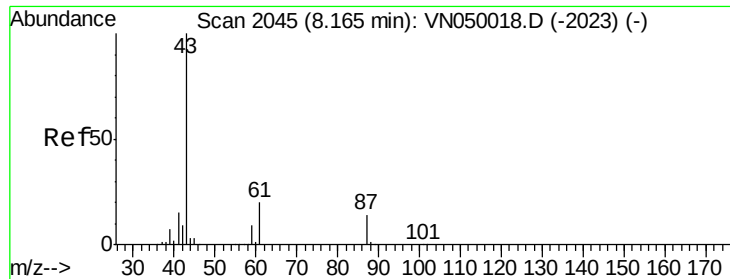
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 17.09 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050212.D

Acq: 31 Jul 2018 14:03

Instrument :

MSVOA_N

ClientSampleId :

PB111613ZHE#01

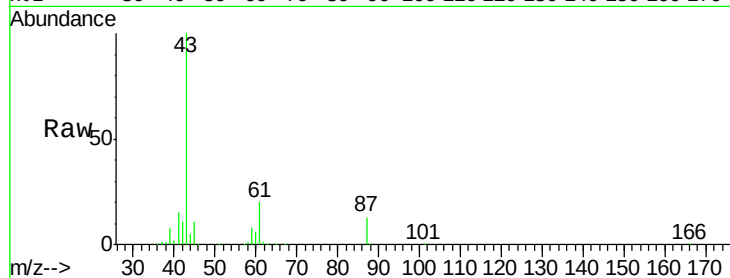
Tot Ion: 43 Resp: 306844

Ion Ratio Lower Upper

43 100

61 18.3 15.8 23.6

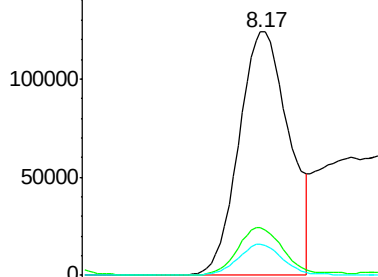
87 11.5 10.3 15.5



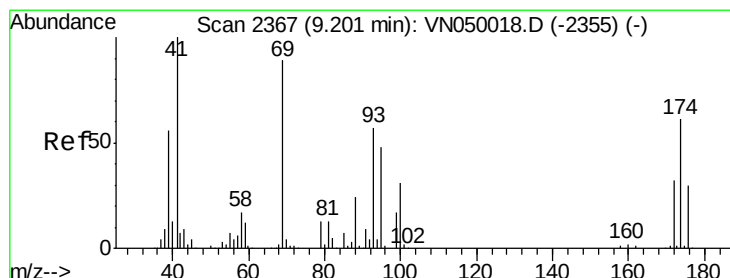
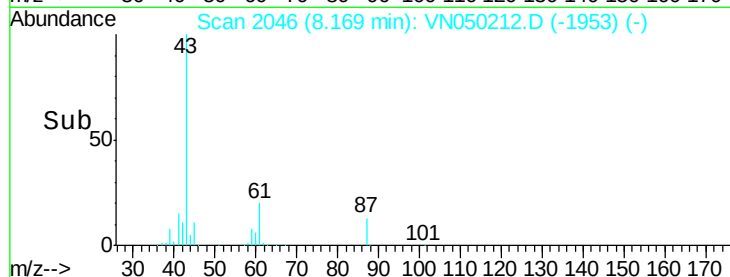
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



Time-->



#48

Methyl methacrylate

Concen: 1.13 ug/l

RT: 9.18 min Scan# 2361

Delta R.T. -0.02 min

Lab File: VN050212.D

Acq: 31 Jul 2018 14:03

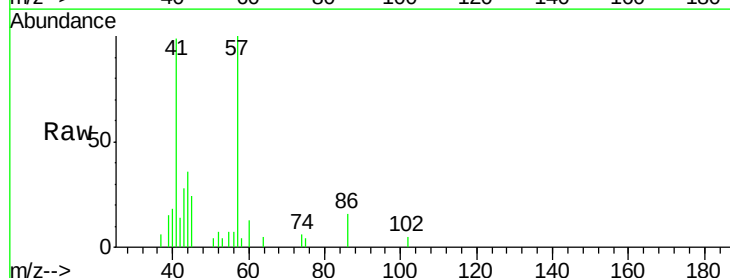
Tgt Ion: 41 Resp: 8901

Ion Ratio Lower Upper

41 100

69 0.0 70.6 105.8#

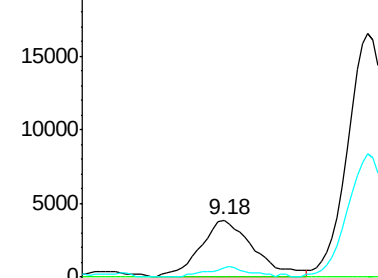
39 13.8 43.9 65.9#



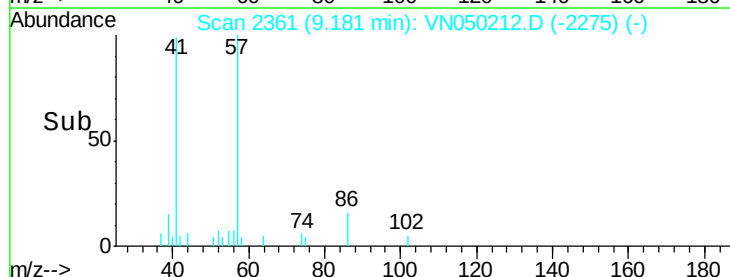
Abundance Ion 41.00 (40.70 to 41.70): VN0

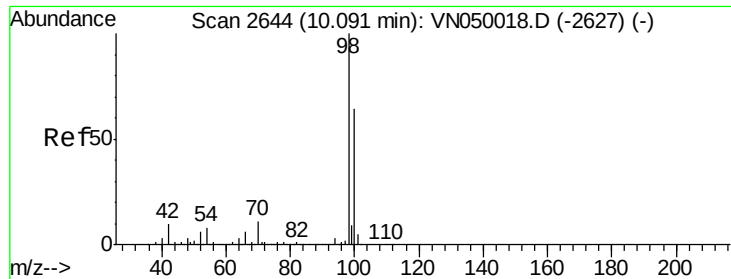
Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



Time-->

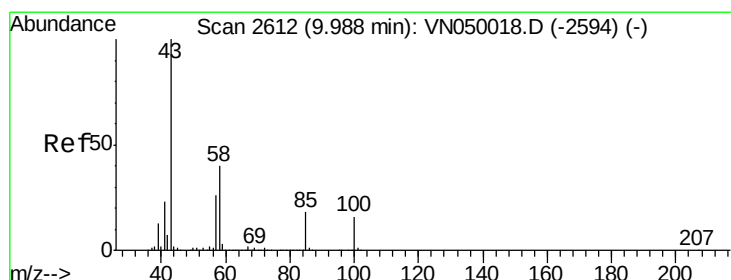
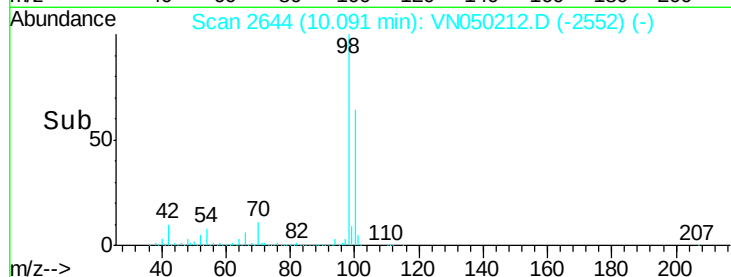
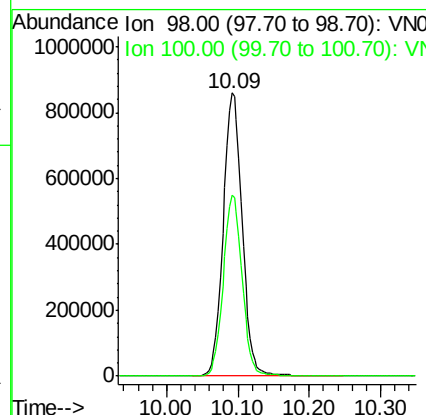
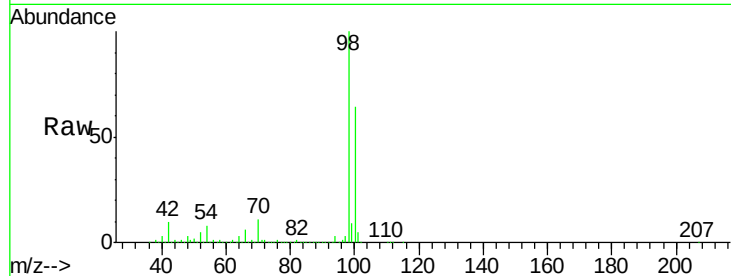




#50
Toluene-d8
Concen: 45.36 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050212.D
Acq: 31 Jul 2018 14:03

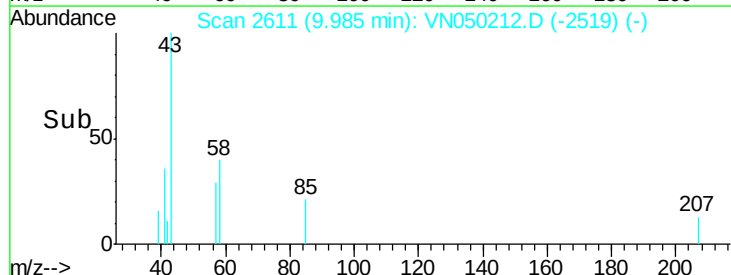
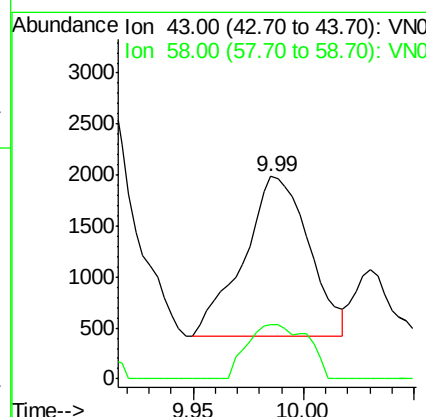
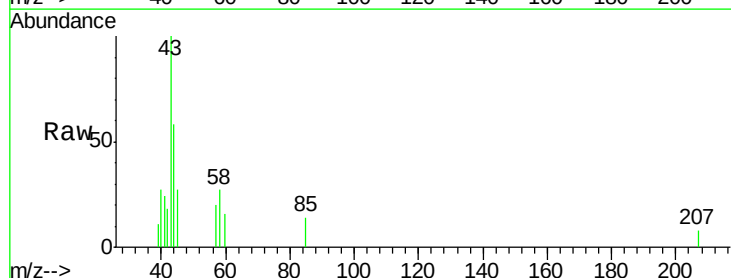
Instrument :
MSVOA_N
ClientSampleId :
PB111613ZHE#01

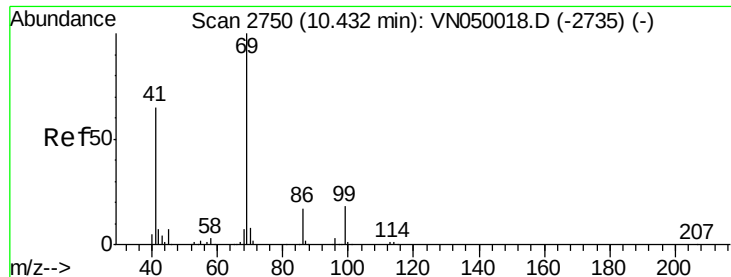
Tot Ion: 98 Resp: 1582574
Ion Ratio Lower Upper
98 100
100 63.6 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 0.36 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN050212.D
Acq: 31 Jul 2018 14:03

Tgt Ion: 43 Resp: 3213
Ion Ratio Lower Upper
43 100
58 31.7 31.9 47.9#





#56

Ethyl methacrylate

Concen: 2.19 ug/l

RT: 10.23 min Scan# 2688

Delta R.T. -0.20 min

Lab File: VN050212.D

Acq: 31 Jul 2018 14:03

Instrument :

MSVOA_N

ClientSampleId :

PB111613ZHE#01

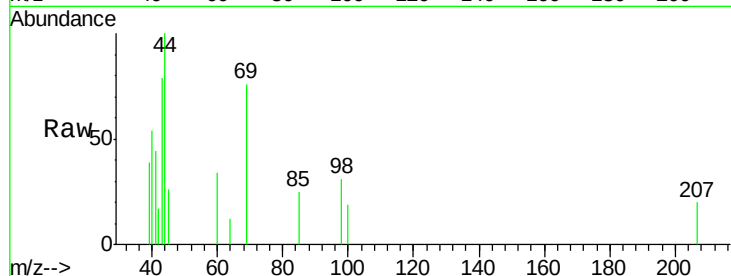
Tot Ion: 69 Resp: 2123

Ion Ratio Lower Upper

69 100

41 88.5 51.0 76.4#

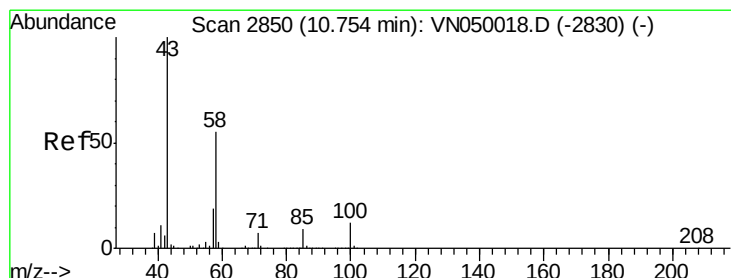
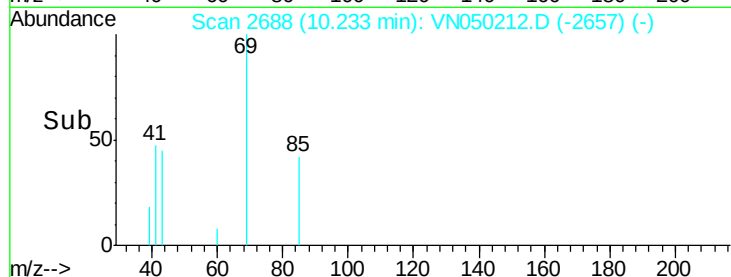
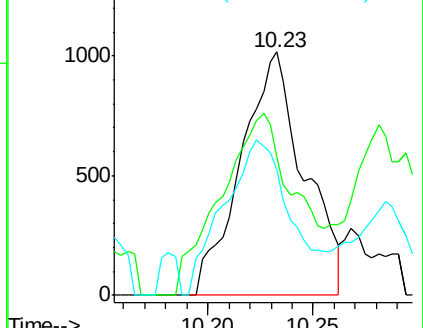
39 69.6 26.6 40.0#



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



#59

2-Hexanone

Concen: 8.14 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050212.D

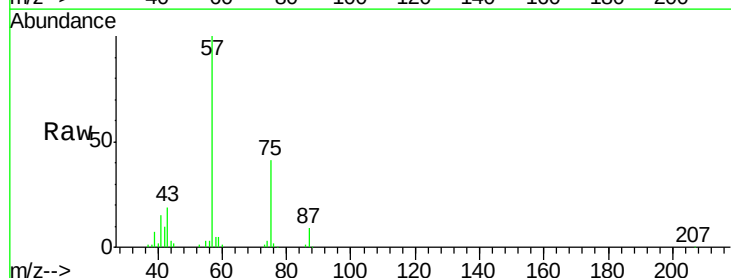
Acq: 31 Jul 2018 14:03

Tgt Ion: 43 Resp: 19990

Ion Ratio Lower Upper

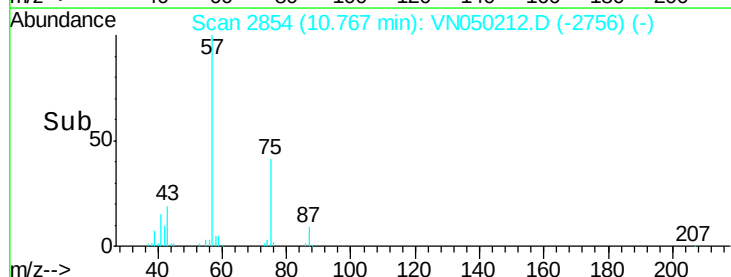
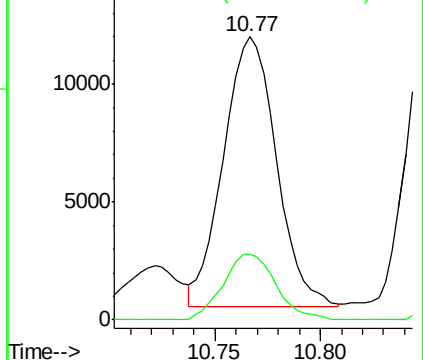
43 100

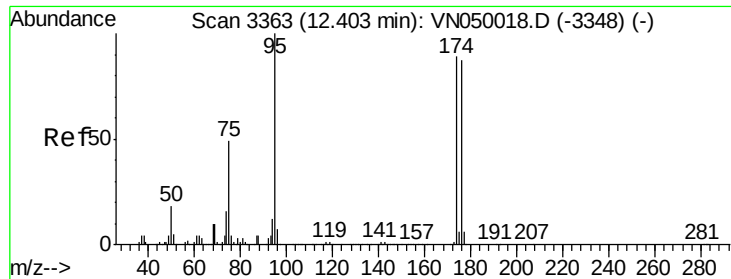
58 24.3 27.6 82.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 38.14 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050212.D

Acq: 31 Jul 2018 14:03

Instrument :

MSVOA_N

ClientSampleId :

PB111613ZHE#01

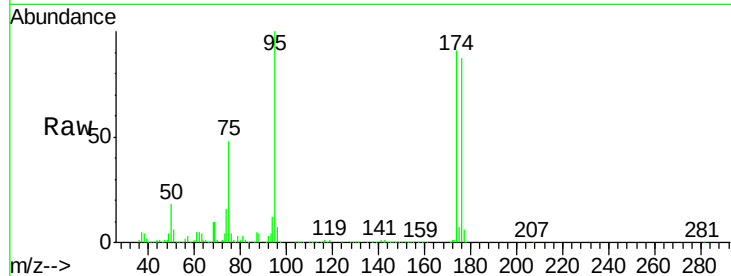
Tot Ion: 95 Resp: 438196

Ion Ratio Lower Upper

95 100

174 91.3 0.0 178.2

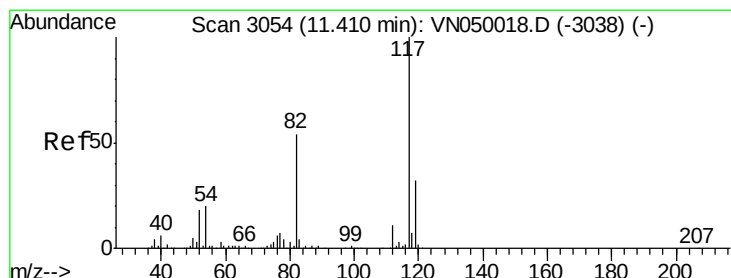
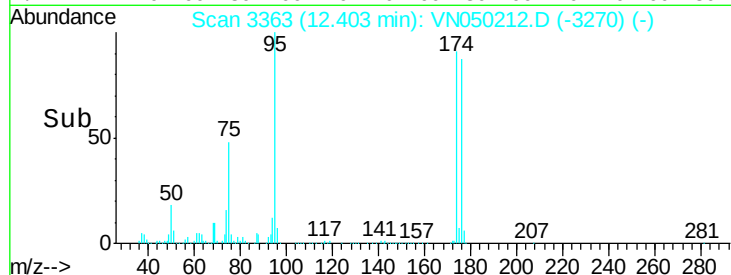
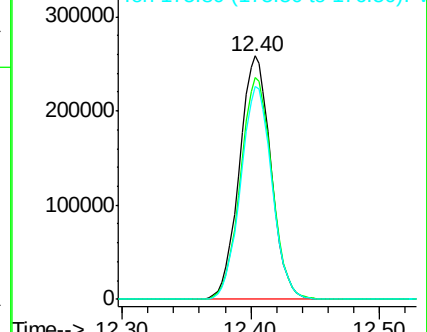
176 86.8 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN050018.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050018.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050018.D (-3348) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050212.D

Acq: 31 Jul 2018 14:03

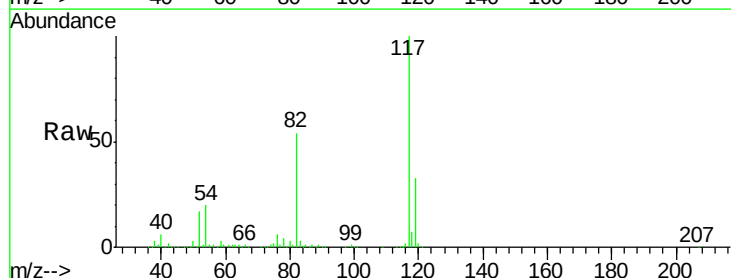
Tgt Ion: 117 Resp: 978401

Ion Ratio Lower Upper

117 100

82 54.1 43.7 65.5

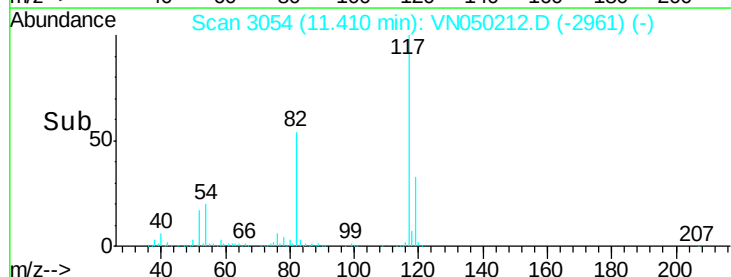
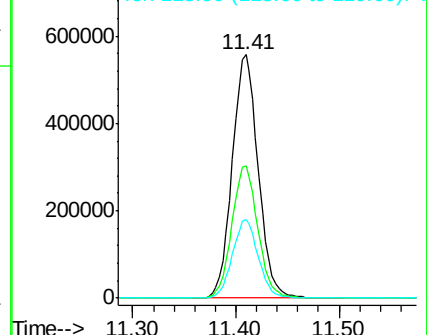
119 32.5 26.1 39.1

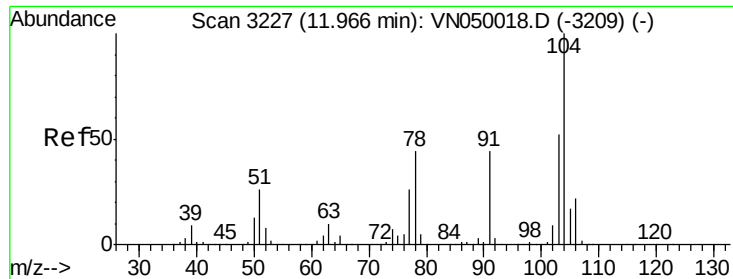


Abundance Ion 116.90 (116.60 to 117.60): VN050018.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050018.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050018.D (-3038) (-)

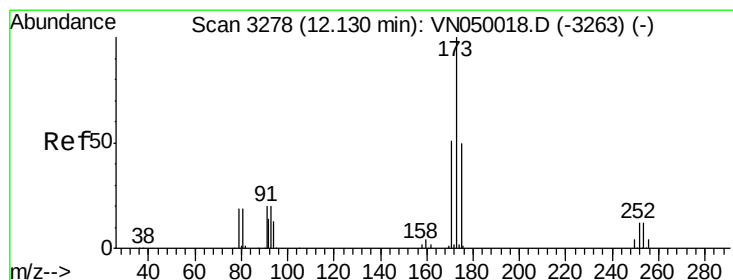
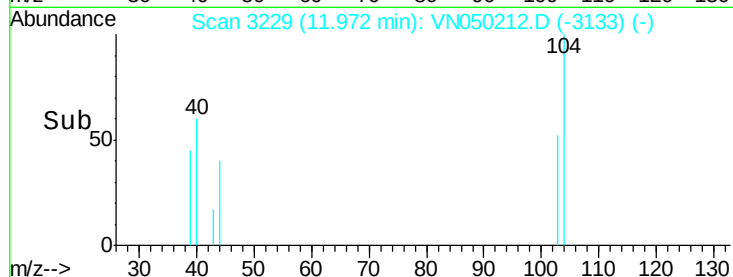
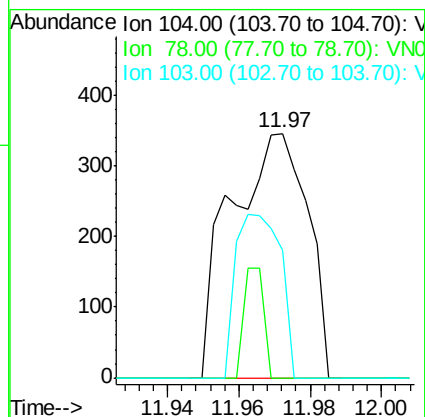
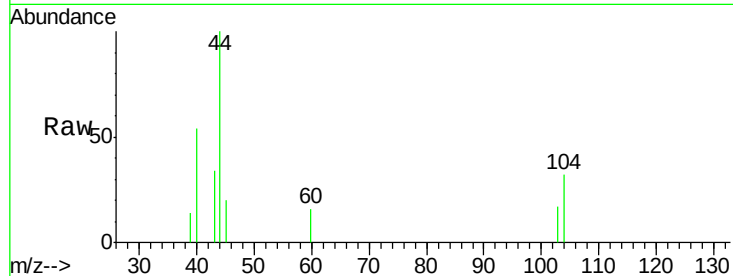




#70
Stvrene
Concen: 0.94 ug/l
RT: 11.97 min Scan# 3229
Delta R.T. 0.01 min
Lab File: VN050212.D
Acq: 31 Jul 2018 14:03

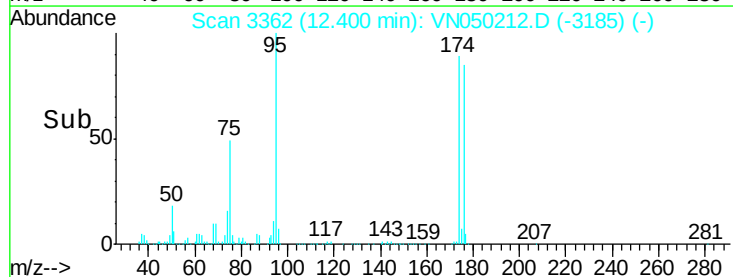
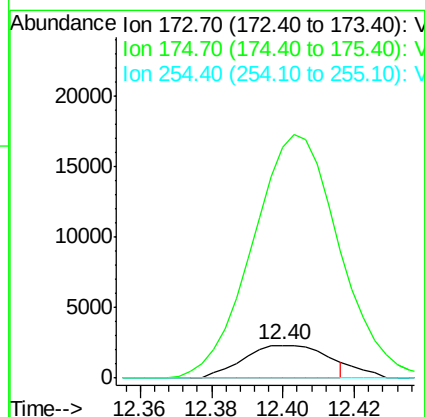
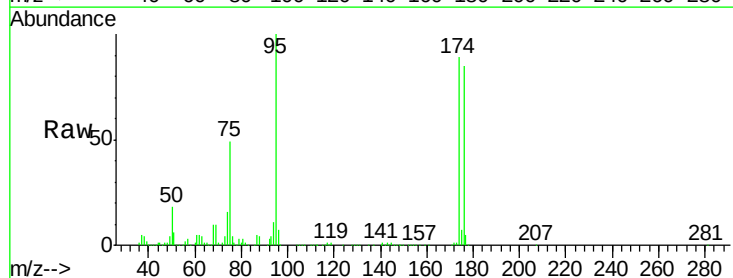
Instrument :
MSVOA_N
ClientSampleId :
PB111613ZHE#01

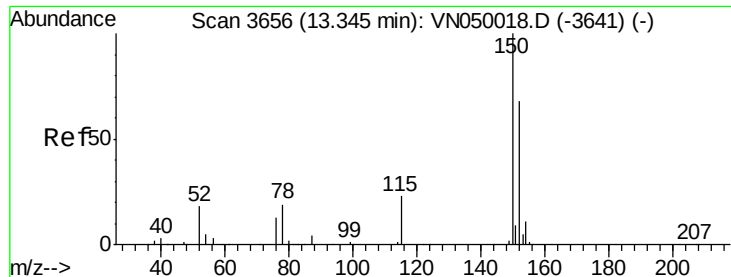
Tot Ion:104 Resp: 515
Ion Ratio Lower Upper
104 100
78 11.7 39.3 58.9#
103 39.0 45.0 67.6#



#71
Bromoform
Concen: 0.54 ug/l
RT: 12.40 min Scan# 3362
Delta R.T. 0.27 min
Lab File: VN050212.D
Acq: 31 Jul 2018 14:03

Tgt Ion:173 Resp: 3739
Ion Ratio Lower Upper
173 100
175 690.9 24.1 72.2#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050212.D

Acq: 31 Jul 2018 14:03

Instrument :

MSVOA_N

ClientSampleId :

PB111613ZHE#01

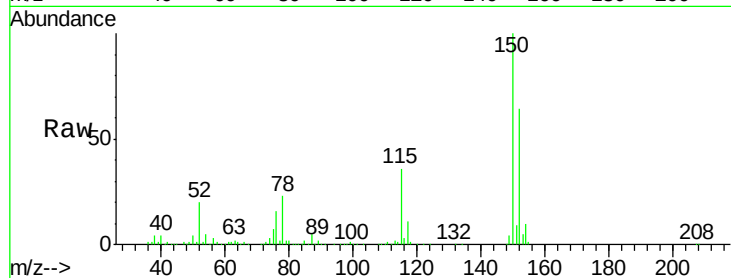
Tot Ion:152 Resp: 356645

Ion Ratio Lower Upper

152 100

115 55.8 27.8 83.3

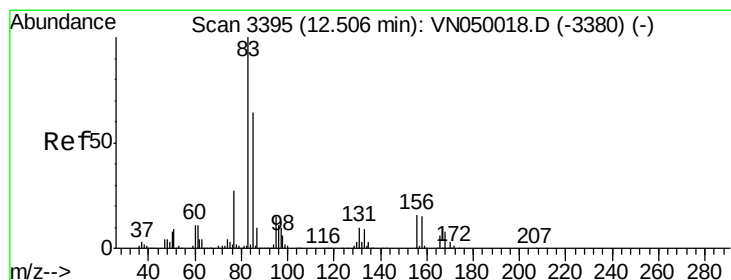
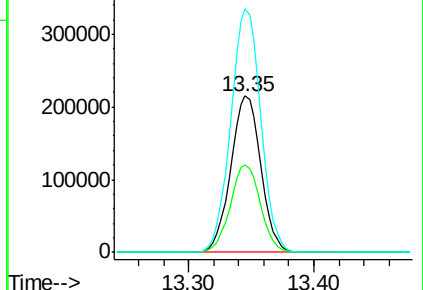
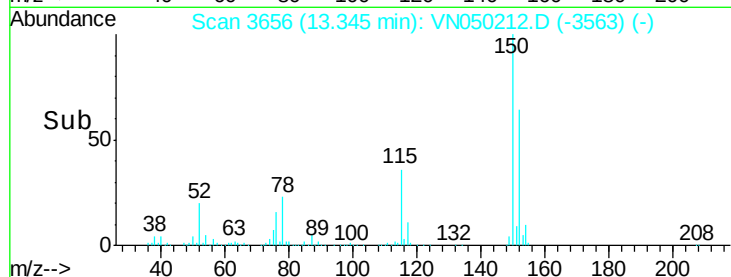
150 155.7 0.0 348.6



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# 3362

Delta R.T. -0.11 min

Lab File: VN050212.D

Acq: 31 Jul 2018 14:03

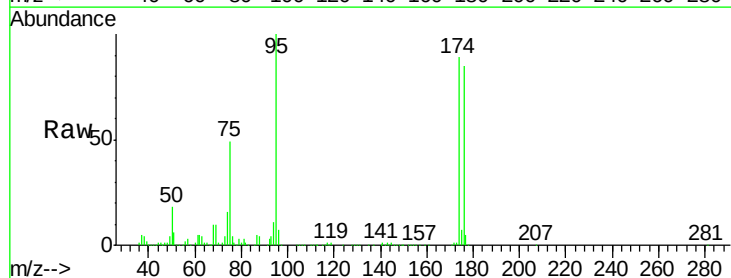
Tgt Ion: 83 Resp: 332

Ion Ratio Lower Upper

83 100

131 148.8 5.1 15.3#

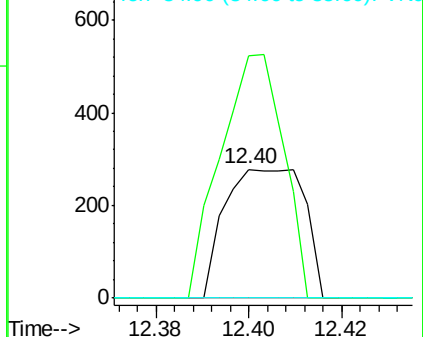
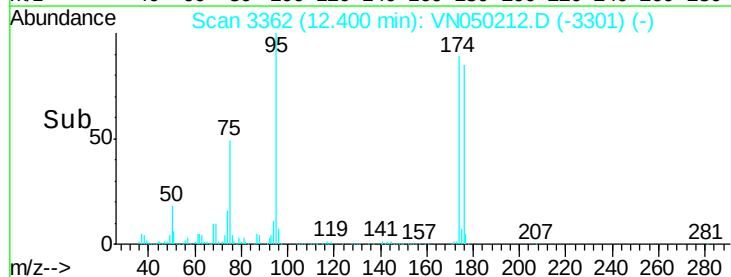
85 0.0 32.3 96.8#

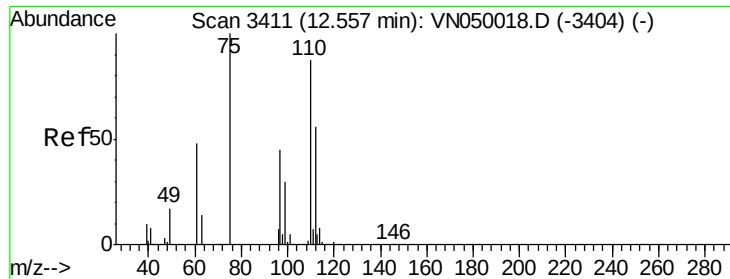


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 31.99 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050212.D

Acq: 31 Jul 2018 14:03

Instrument :

MSVOA_N

ClientSampleId :

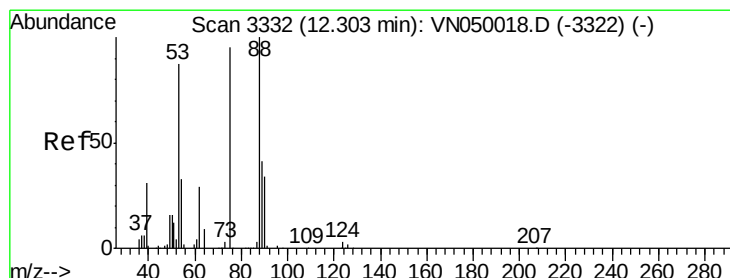
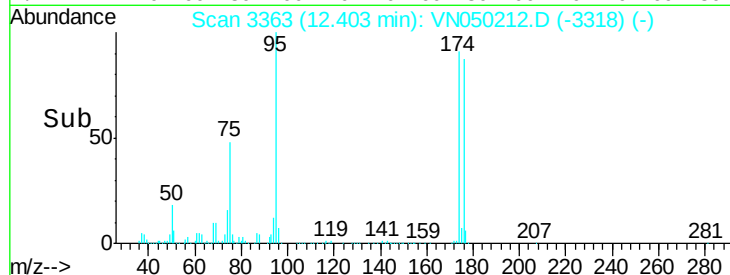
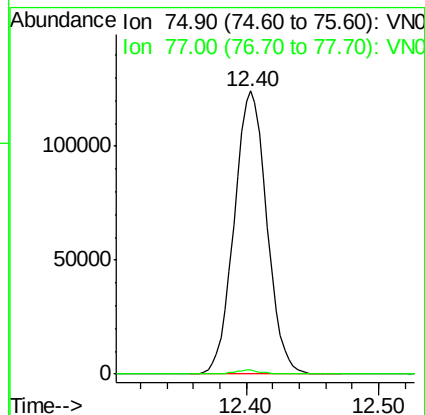
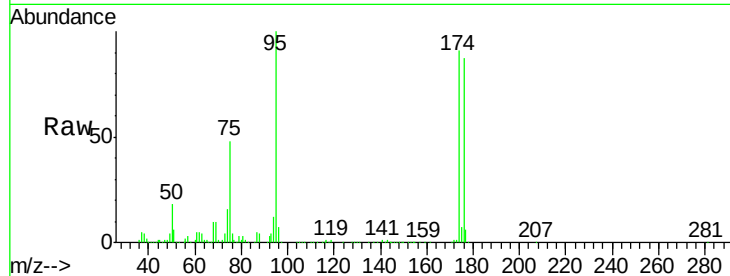
PB111613ZHE#01

Tot Ion: 75 Resp: 212026

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 101.47 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050212.D

Acq: 31 Jul 2018 14:03

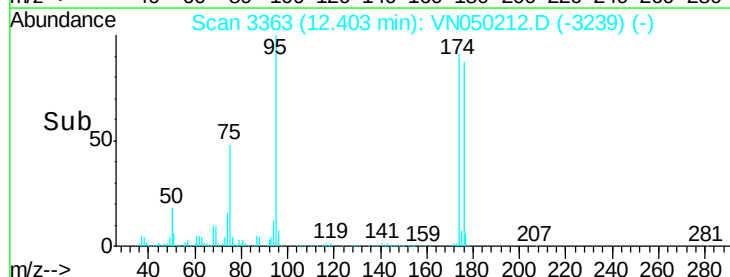
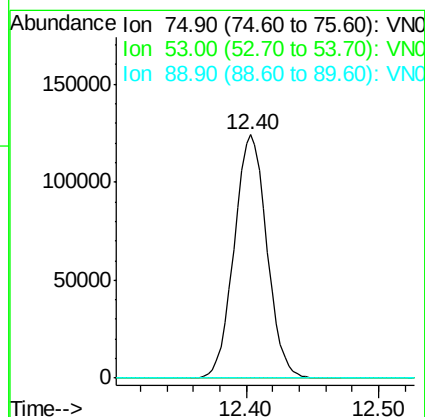
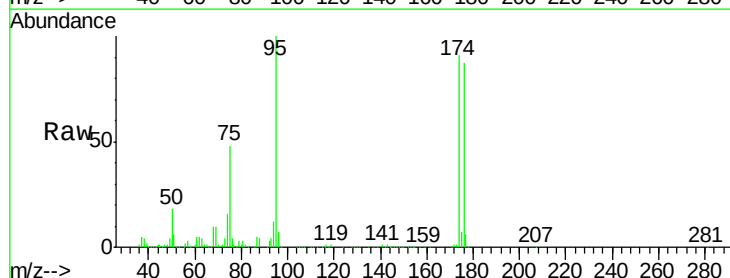
Tgt Ion: 75 Resp: 212026

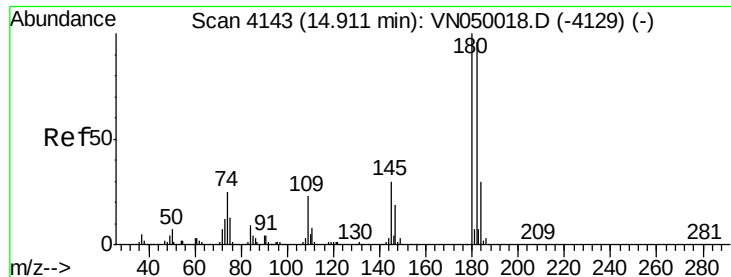
Ion Ratio Lower Upper

75 100

53 0.2 73.5 110.3#

89 0.0 36.0 54.0#





#93

1,2,4-Trichlorobenzene

Concen: 3.17 ug/l

RT: 14.91 min Scan# 4143

Delta R.T. 0.00 min

Lab File: VN050212.D

Acq: 31 Jul 2018 14:03

Instrument :

MSVOA_N

ClientSampleId :

PB111613ZHE#01

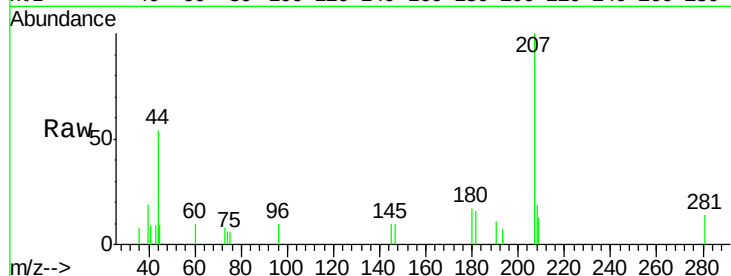
Tot Ion:180 Resp: 648

Ion Ratio Lower Upper

180 100

182 79.8 46.7 140.1

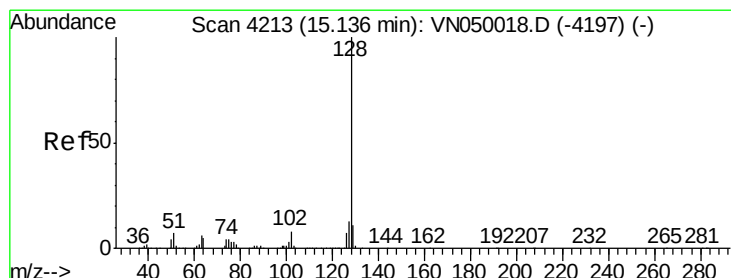
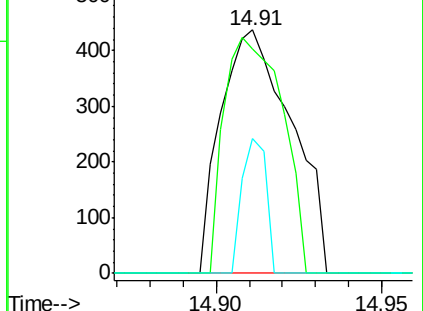
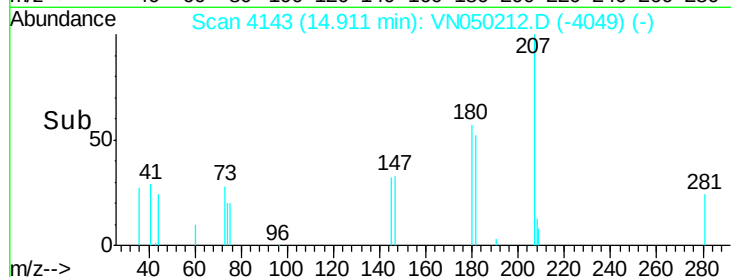
145 18.8 13.8 41.4



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: 4.50 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

Lab File: VN050212.D

Acq: 31 Jul 2018 14:03

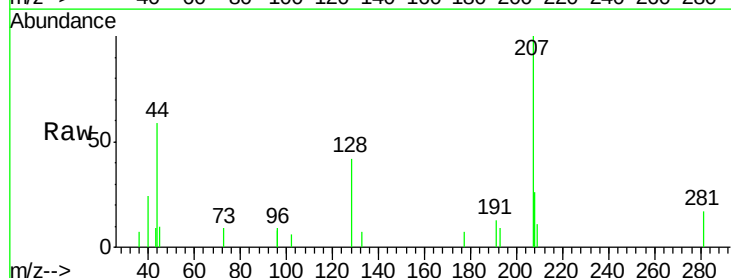
Tgt Ion:128 Resp: 1549

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

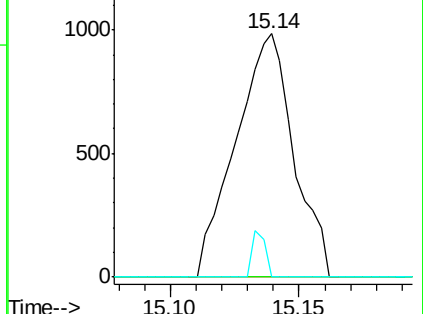
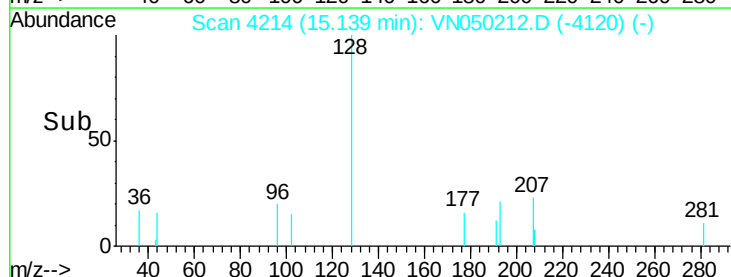
129 4.2 8.8 13.2#

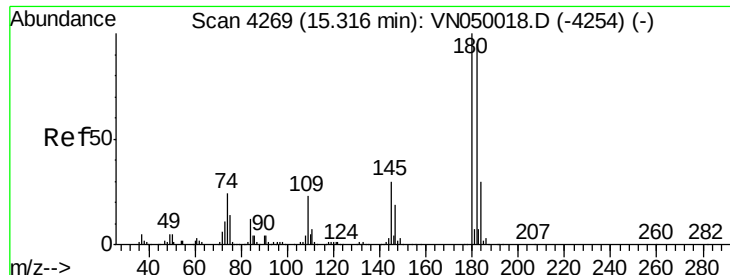


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 2.28 ug/l

RT: 15.32 min Scan# 4270

Delta R.T. 0.00 min

Lab File: VN050212.D

Acq: 31 Jul 2018 14:03

Instrument :

MSVOA_N

ClientSampleId :

PB111613ZHE#01

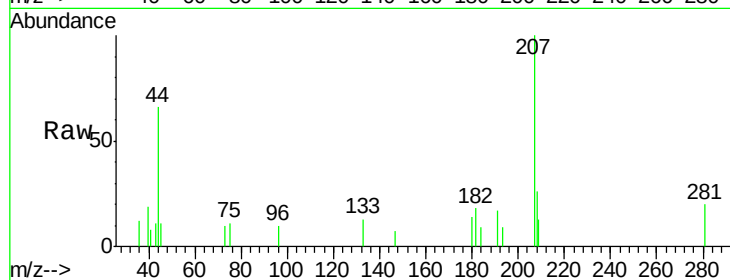
Tot Ion:180 Resp: 551

Ion Ratio Lower Upper

180 100

182 110.5 48.1 144.4

145 0.0 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

