

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073118\
 Data File : VN050214.D
 Acq On : 31 Jul 2018 14:52
 Operator : MD\SY
 Sample : PB111613ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111613ZHE#02

Quant Time: Jul 31 18:06:29 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	649662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1077016	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	904301	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	299087	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	456341	50.34	ug/l	0.00
Spiked Amount			Recovery	=	100.68%	
35) Dibromofluoromethane	7.59	113	409697	46.59	ug/l	0.00
Spiked Amount			Recovery	=	93.18%	
50) Toluene-d8	10.09	98	1473636	45.58	ug/l	0.00
Spiked Amount			Recovery	=	91.16%	
62) 4-Bromofluorobenzene	12.40	95	385110	36.18	ug/l	0.00
Spiked Amount			Recovery	=	72.36%	

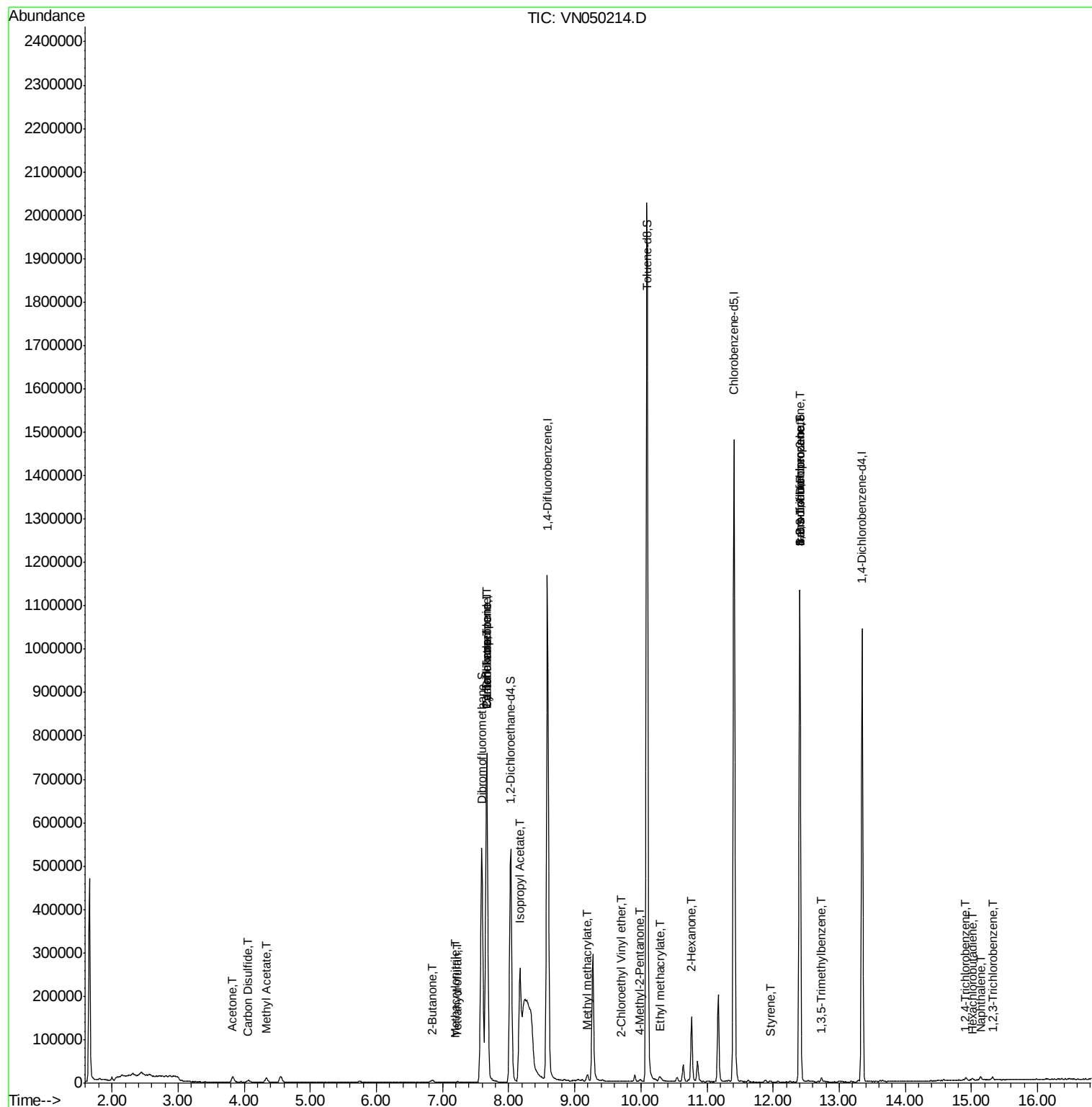
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.57	94	1635	Below Cal		91
16) Acetone	3.82	43	24774	7.39	ug/l	97
17) Carbon Disulfide	4.05	76	6150	0.27	ug/l #	95
18) Methyl Acetate	4.34	43	19395	0.73	ug/l	99
25) 2-Butanone	6.85	43	2337	0.68	ug/l #	76
29) Tetrahydrofuran	7.21	42	498	0.22	ug/l #	50
31) Cyclohexane	7.67	56	12619	0.94	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	45983	3.79	ug/l #	48
38) Carbon Tetrachloride	7.67	117	58660	4.56	ug/l #	16
41) Methacrylonitrile	7.18	41	31	2.76	ug/l #	10
43) Isopropyl Acetate	8.17	43	335539	20.37	ug/l	93
48) Methyl methacrylate	9.18	41	8944	1.23	ug/l #	23
51) 4-Methyl-2-Pentanone	9.99	43	4297	0.52	ug/l #	80
56) Ethyl methacrylate	10.29	69	99	2.04	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.70	63	69	8.54	ug/l #	48
59) 2-Hexanone	10.77	43	21179	8.57	ug/l #	61
70) Styrene	11.97	104	1104	0.97	ug/l #	66
71) Bromoform	12.40	173	1565	0.25	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.50	83	278	Below Cal	#	65
76) 1,2,3-Trichloropropane	12.40	75	186851	33.62	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	5116	0.28	ug/l	90
81) trans-1,4-Dichloro-2-buten	12.40	75	186851	106.63	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.26	75	64	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	2386	3.47	ug/l	91
94) Hexachlorobutadiene	15.01	225	1009	0.30	ug/l	86
95) Naphthalene	15.14	128	6131	4.82	ug/l #	97
96) 1,2,3-Trichlorobenzene	15.32	180	2858	2.69	ug/l	87

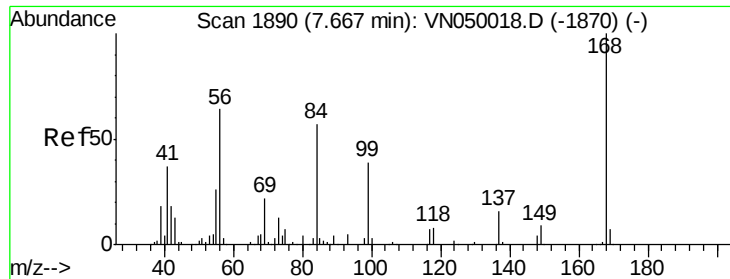
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1890

Delta R.T. -0.00 min

Lab File: VN050214.D

Acq: 31 Jul 2018 14:52

Instrument :

MSVOA_N

ClientSampleId :

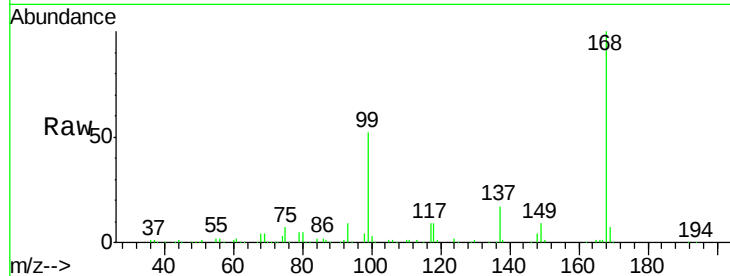
PB111613ZHE#02

Tot Ion:168 Resp: 649662

Ion Ratio Lower Upper

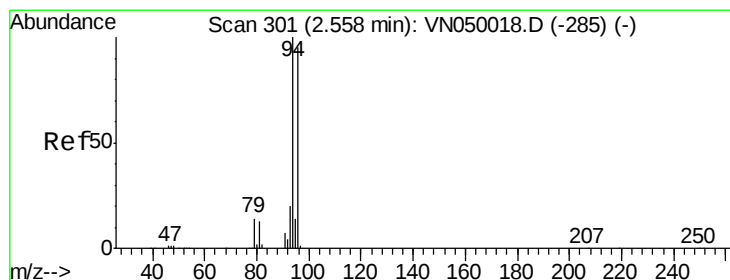
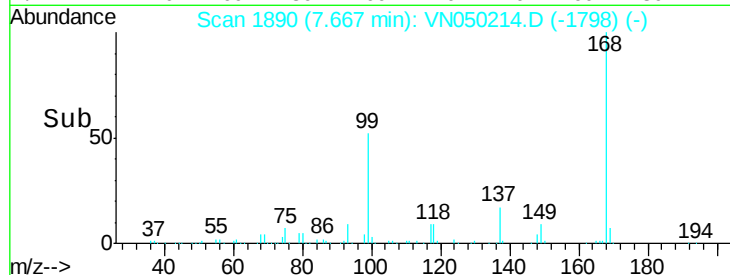
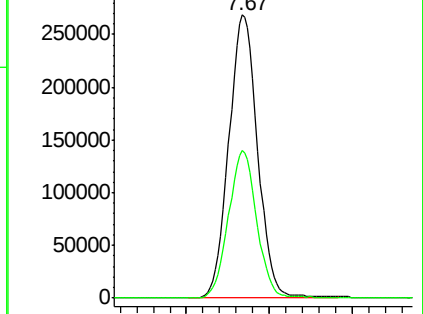
168 100

99 52.0 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 304

Delta R.T. 0.02 min

Lab File: VN050214.D

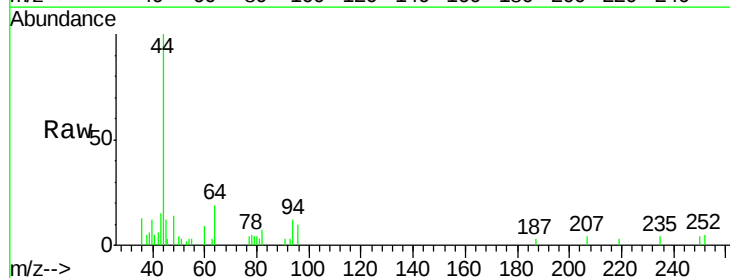
Acq: 31 Jul 2018 14:52

Tgt Ion: 94 Resp: 1635

Ion Ratio Lower Upper

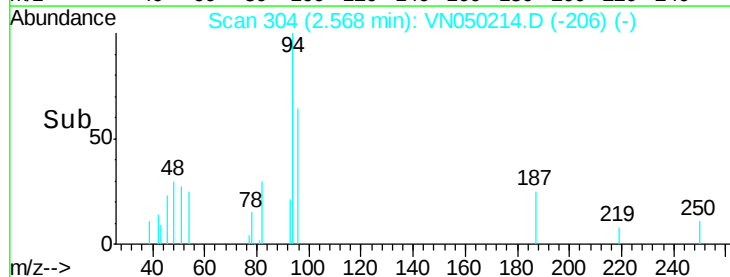
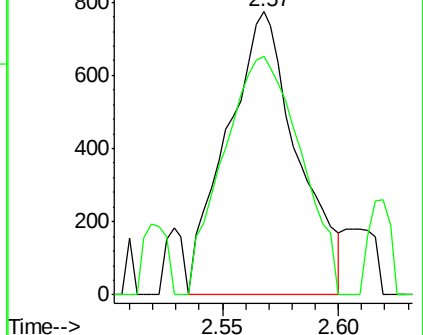
94 100

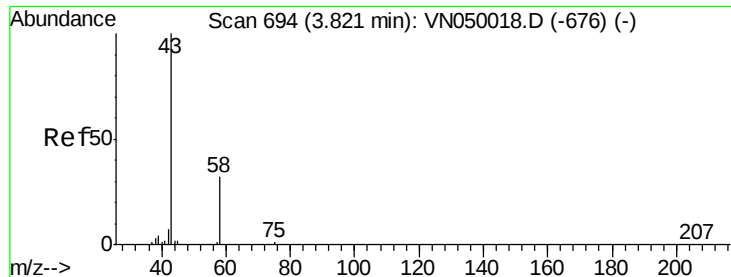
96 84.2 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO





#16

Acetone

Concen: 7.39 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050214.D

Acq: 31 Jul 2018 14:52

Instrument :

MSVOA_N

ClientSampleId :

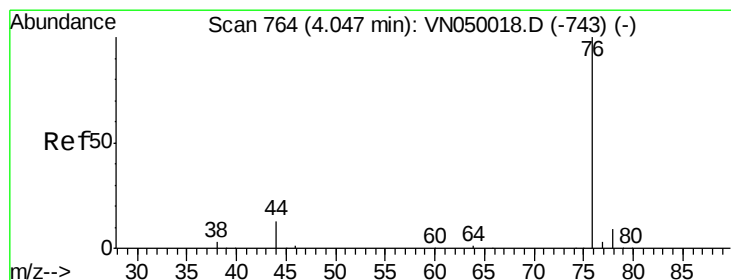
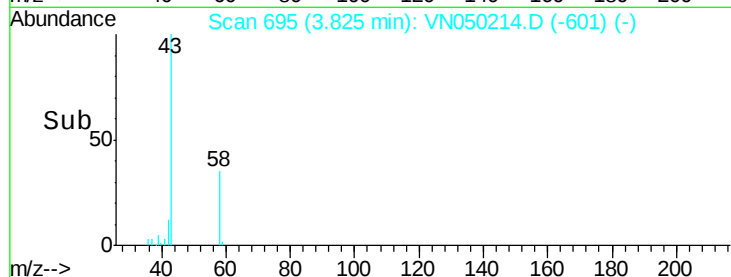
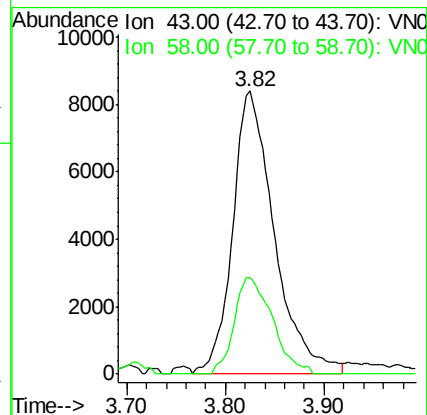
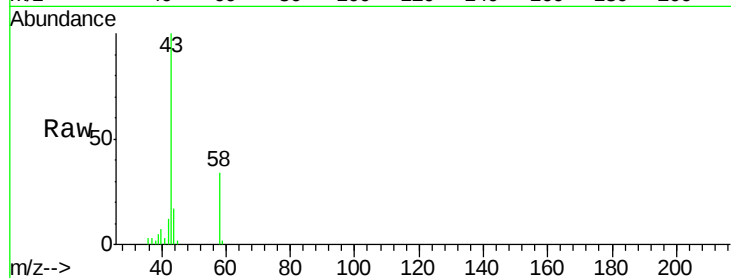
PB111613ZHE#02

Tot Ion: 43 Resp: 24774

Ion Ratio Lower Upper

43 100

58 34.2 25.8 38.8



#17

Carbon Disulfide

Concen: 0.27 ug/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN050214.D

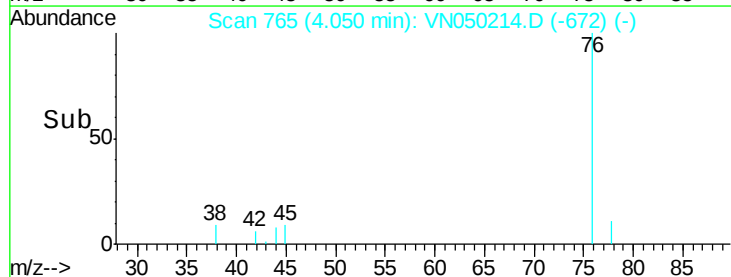
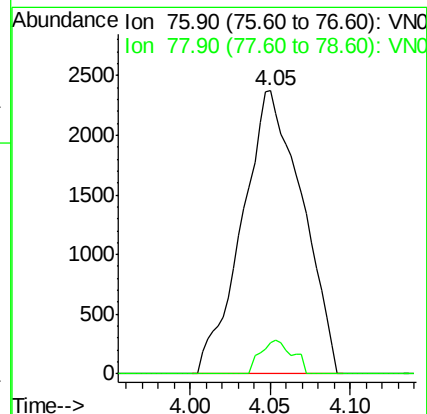
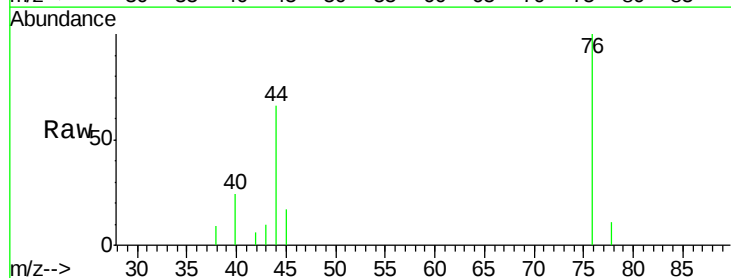
Acq: 31 Jul 2018 14:52

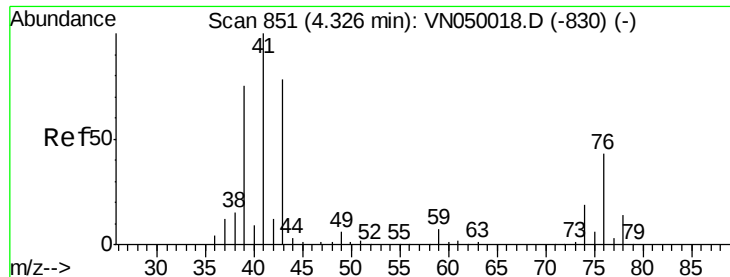
Tgt Ion: 76 Resp: 6150

Ion Ratio Lower Upper

76 100

78 11.0 7.3 10.9#

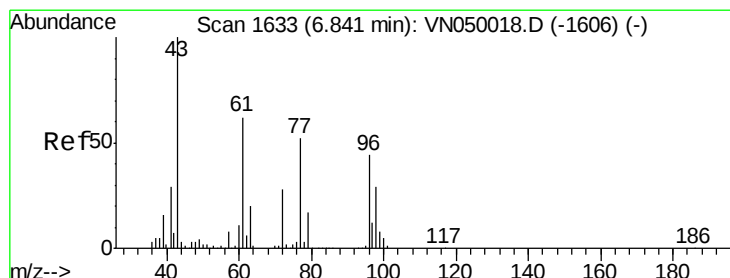
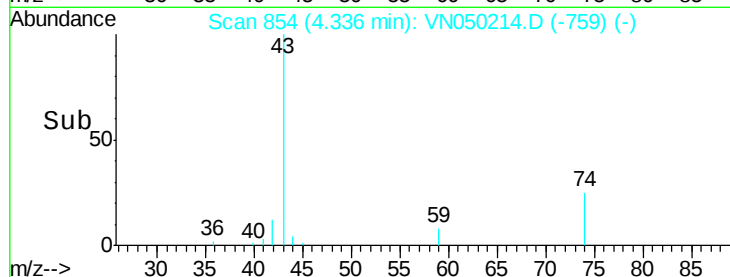
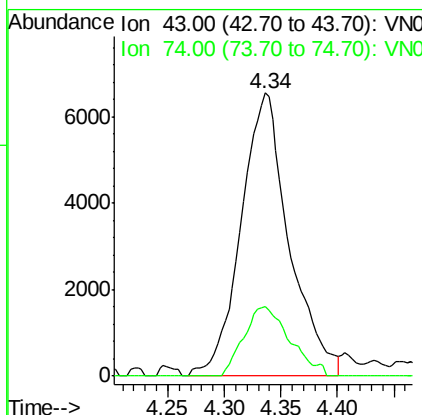
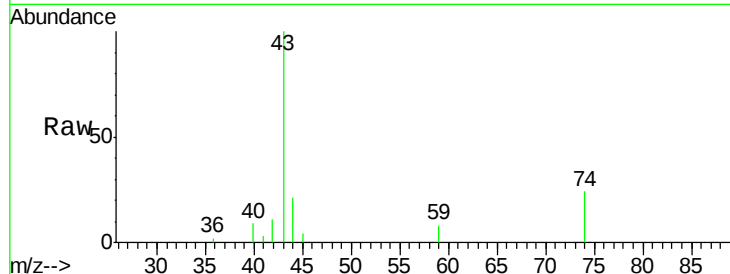




#18
Methvl Acetate
Concen: 0.73 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050214.D
Acq: 31 Jul 2018 14:52

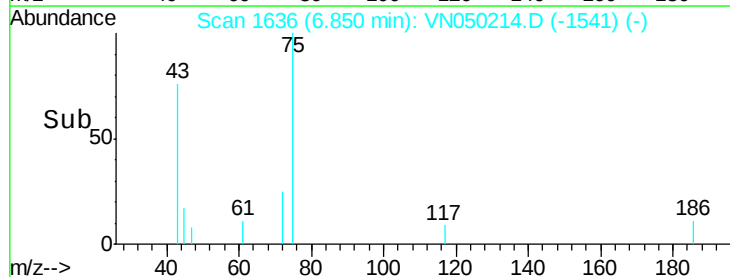
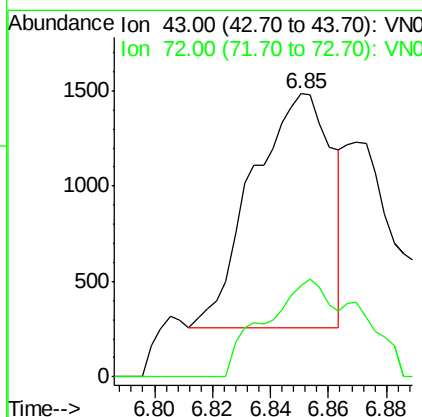
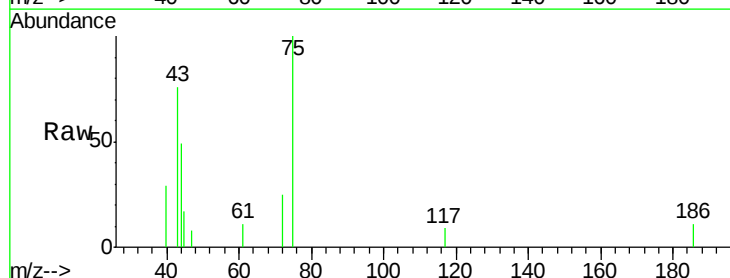
Instrument :
MSVOA_N
ClientSampleId :
PB111613ZHE#02

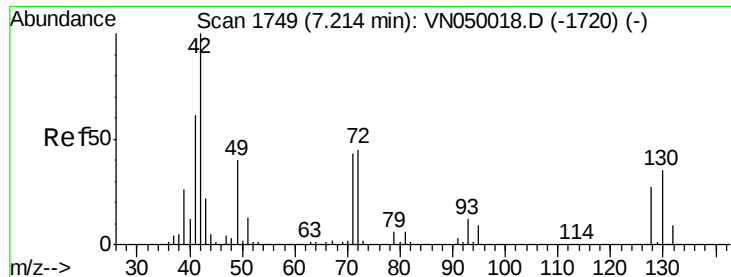
Tot Ion: 43 Resp: 19395
Ion Ratio Lower Upper
43 100
74 23.6 19.2 28.8



#25
2-Butanone
Concen: 0.68 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN050214.D
Acq: 31 Jul 2018 14:52

Tgt Ion: 43 Resp: 2337
Ion Ratio Lower Upper
43 100
72 39.3 21.5 32.3#

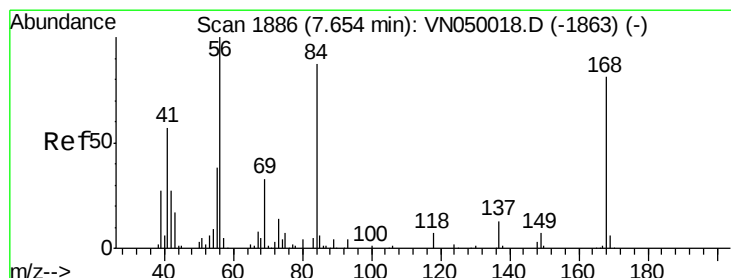
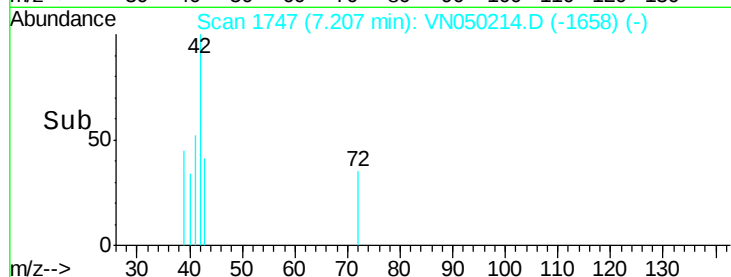
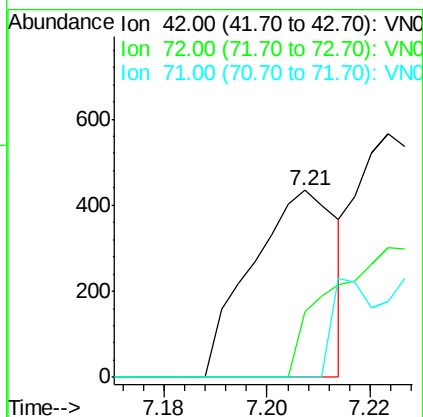
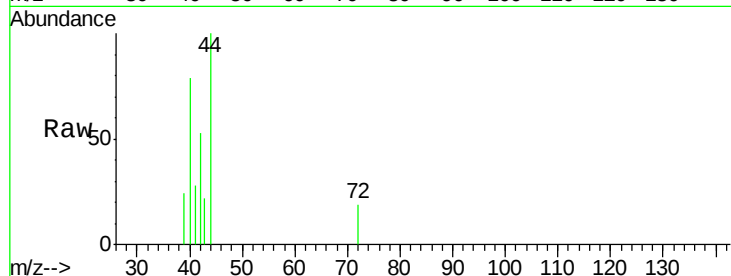




#29
Tetrahydrofuran
Concen: 0.22 ug/l
RT: 7.21 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VN050214.D
Acq: 31 Jul 2018 14:52

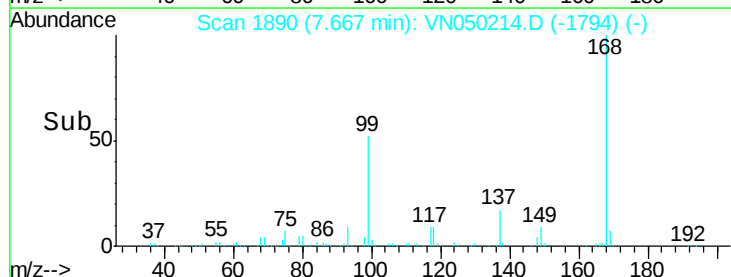
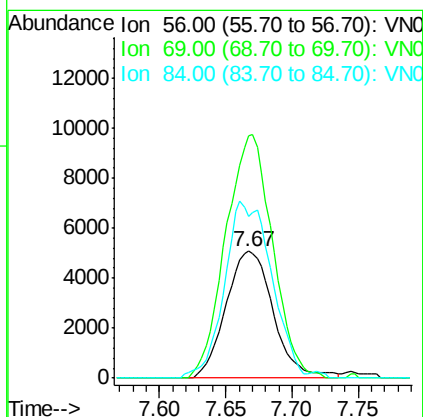
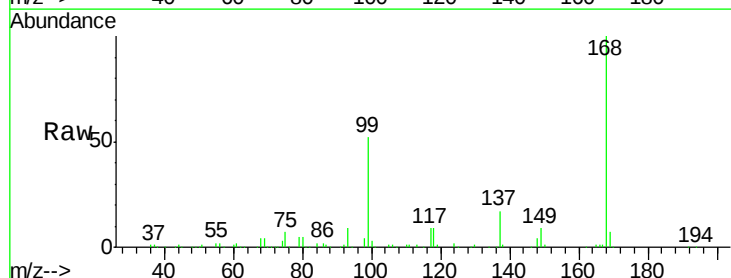
Instrument :
MSVOA_N
ClientSampleId :
PB111613ZHE#02

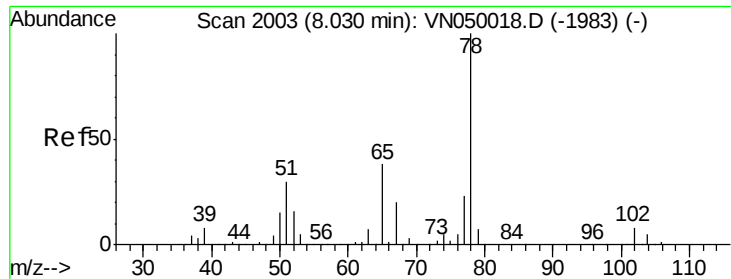
Tot Ion: 42 Resp: 498
Ion Ratio Lower Upper
42 100
72 0.0 35.9 53.9#
71 23.7 33.7 50.5#



#31
Cyclohexane
Concen: 0.94 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN050214.D
Acq: 31 Jul 2018 14:52

Tgt Ion: 56 Resp: 12619
Ion Ratio Lower Upper
56 100
69 190.7 26.2 39.4#
84 127.6 67.4 101.0#





#33

1,2-Dichloroethane-d4

Concen: 50.34 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050214.D

Acq: 31 Jul 2018 14:52

Instrument :

MSVOA_N

ClientSampleId :

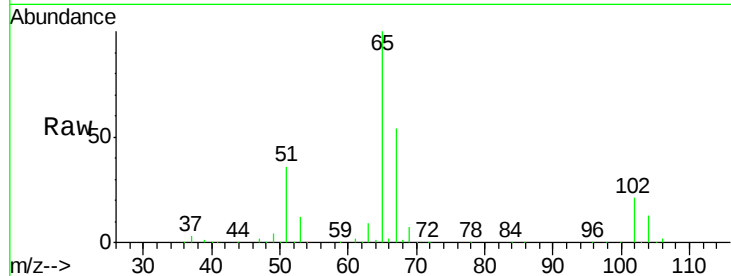
PB111613ZHE#02

Tot Ion: 65 Resp: 456341

Ion Ratio Lower Upper

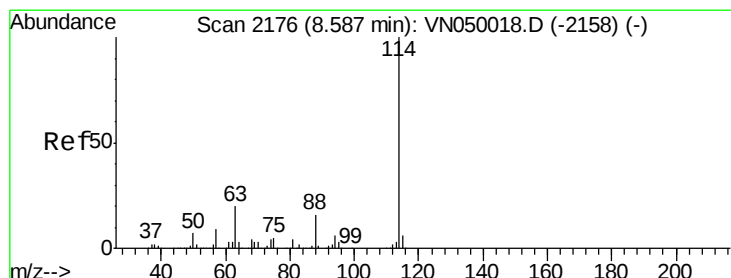
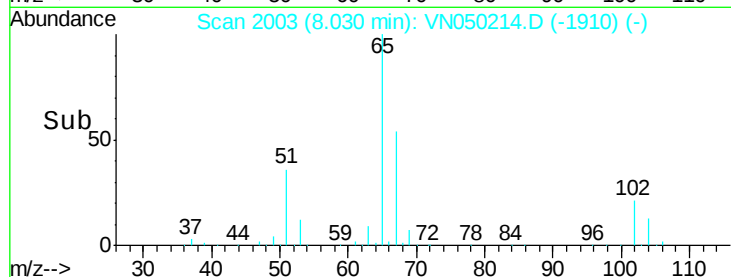
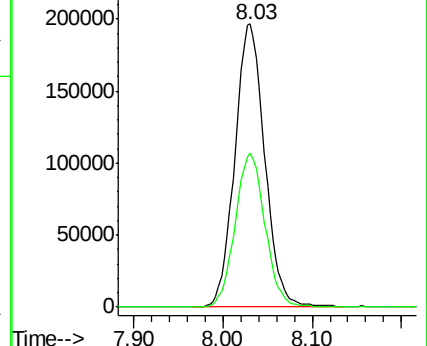
65 100

67 54.2 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: VN050214.D

Acq: 31 Jul 2018 14:52

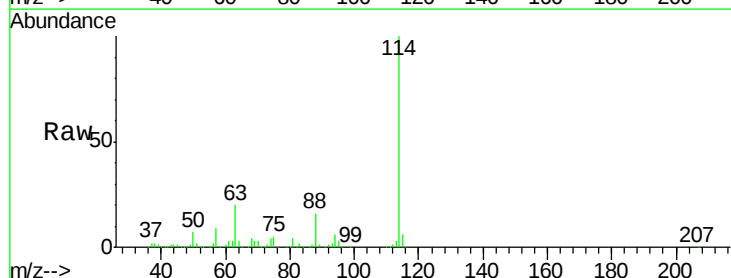
Tgt Ion: 114 Resp: 1077016

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

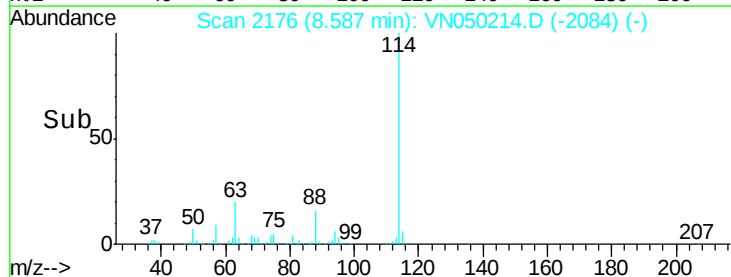
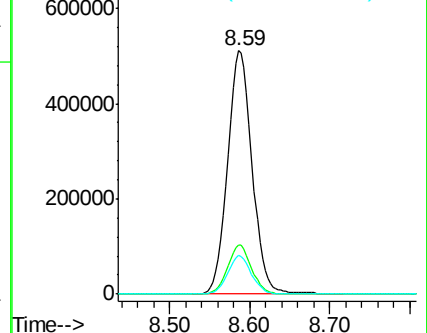
88 15.7 0.0 31.2

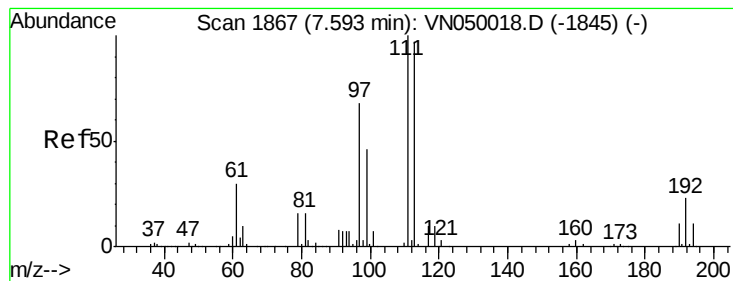


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0





#35

Dibromofluoromethane

Concen: 46.59 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN050214.D

Acq: 31 Jul 2018 14:52

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PB111613ZHE#02

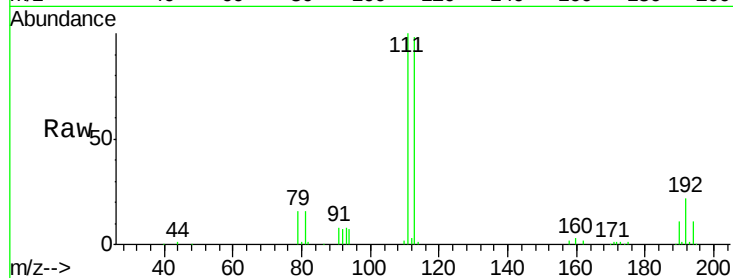
Tot Ion:113 Resp: 409697

Ion Ratio Lower Upper

113 100

111 102.1 80.7 121.1

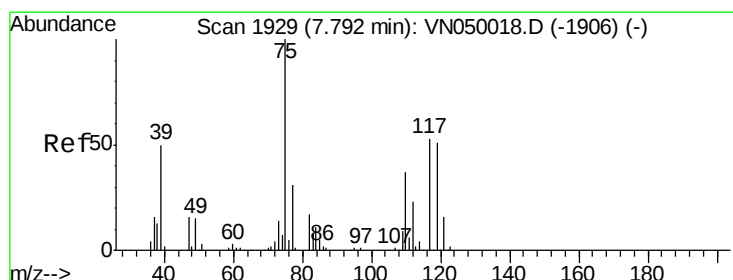
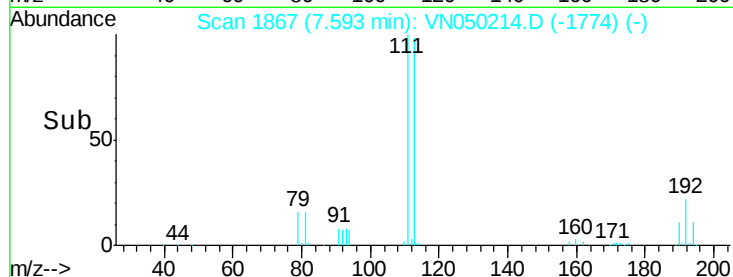
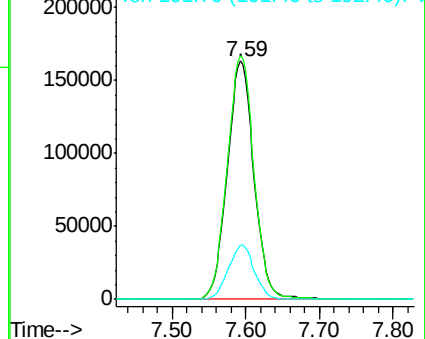
192 22.3 17.8 26.6



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: 3.79 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN050214.D

Acq: 31 Jul 2018 14:52

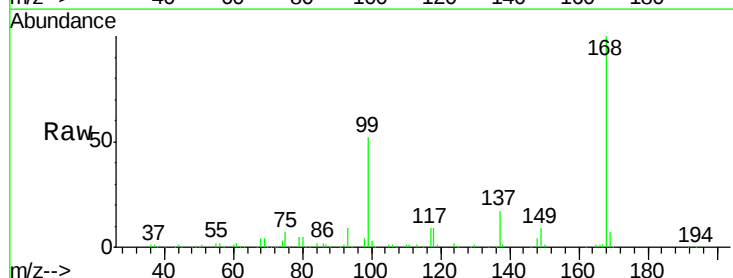
Tgt Ion: 75 Resp: 45983

Ion Ratio Lower Upper

75 100

110 8.1 18.4 55.2#

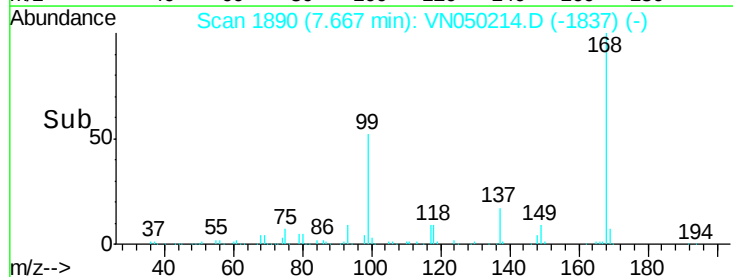
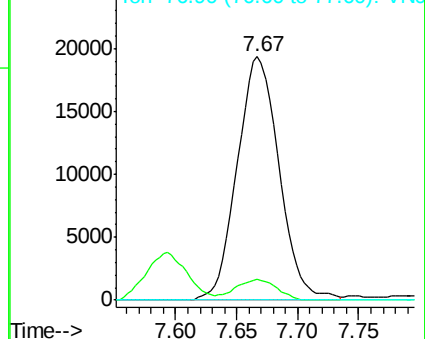
77 0.0 25.3 37.9#

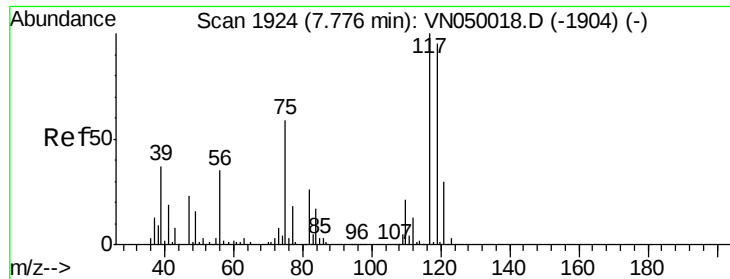


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 4.56 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN050214.D

Acq: 31 Jul 2018 14:52

Instrument :

MSVOA_N

ClientSampleId :

PB111613ZHE#02

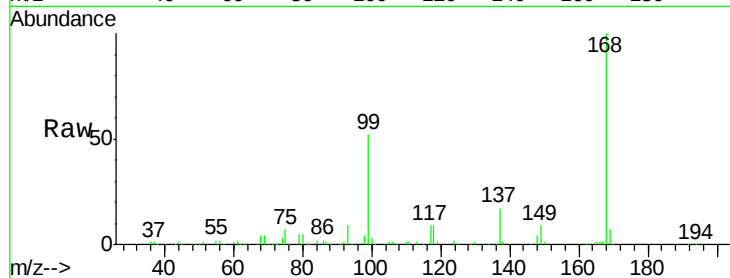
Tot Ion:117 Resp: 58660

Ion Ratio Lower Upper

117 100

119 5.7 77.4 116.0#

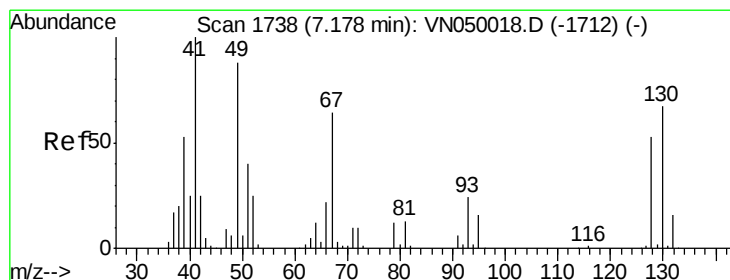
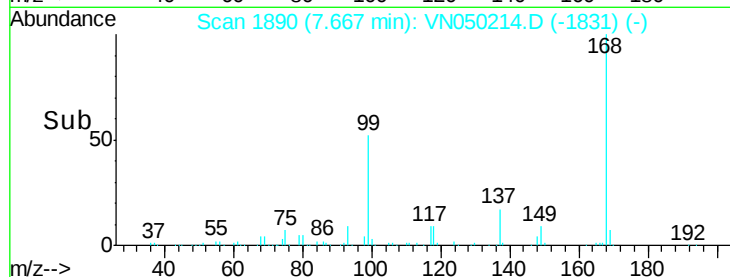
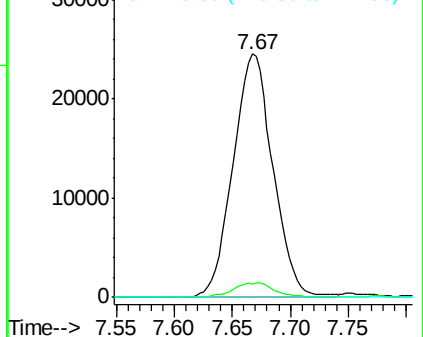
121 0.0 23.9 35.9#



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: 2.76 ug/l

RT: 7.18 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VN050214.D

Acq: 31 Jul 2018 14:52

Tgt Ion: 41 Resp: 31

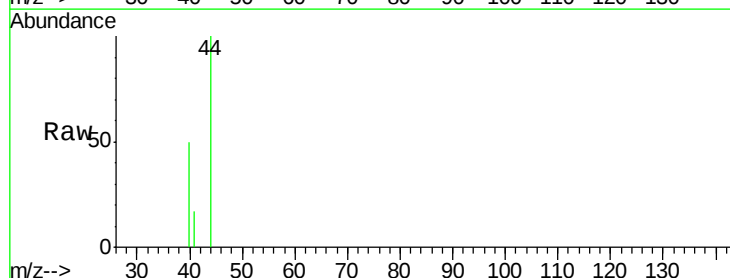
Ion Ratio Lower Upper

41 100

39 0.0 55.8 83.6#

67 0.0 84.3 126.5#

52 0.0 34.2 51.2#

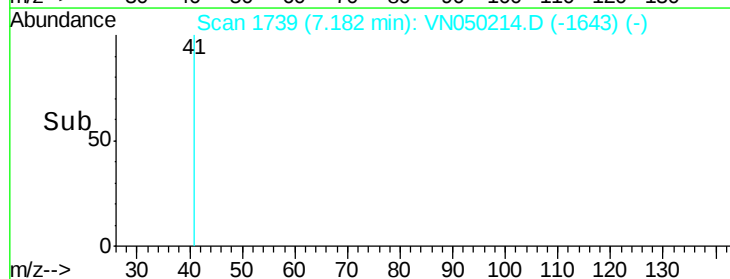
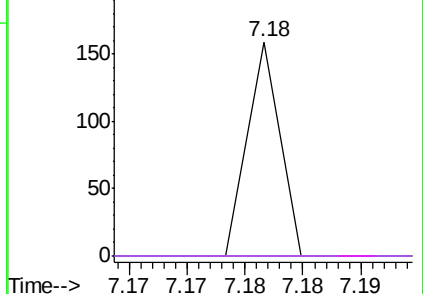


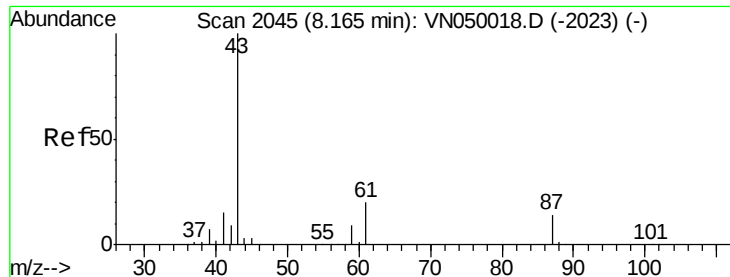
Abundance Ion 41.00 (40.70 to 41.70): V

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: 20.37 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050214.D

Acq: 31 Jul 2018 14:52

Instrument :

MSVOA_N

ClientSampleId :

PB111613ZHE#02

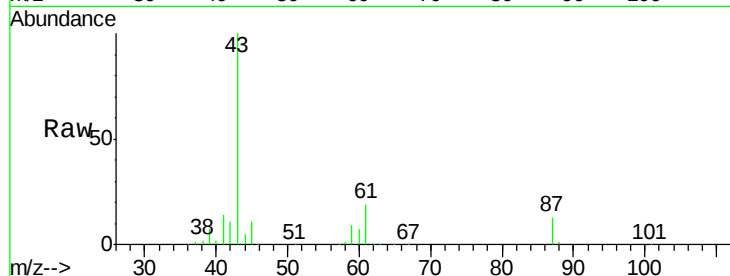
Tot Ion: 43 Resp: 335539

Ion Ratio Lower Upper

43 100

61 16.4 15.8 23.6

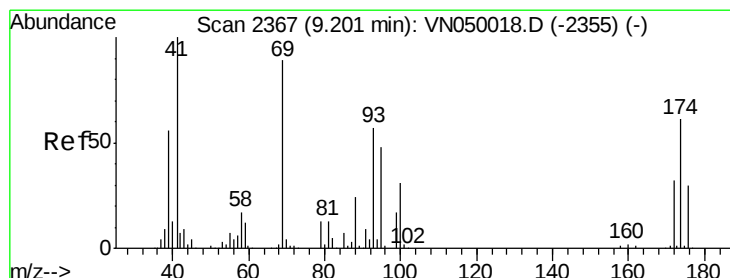
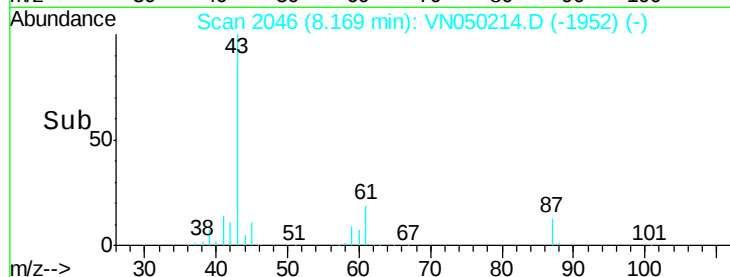
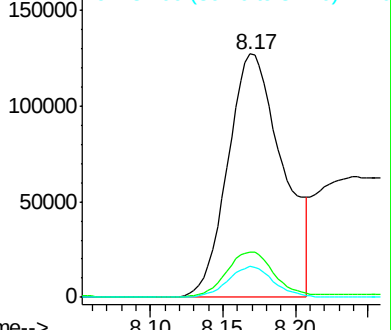
87 10.6 10.3 15.5



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: 1.23 ug/l

RT: 9.18 min Scan# 2362

Delta R.T. -0.02 min

Lab File: VN050214.D

Acq: 31 Jul 2018 14:52

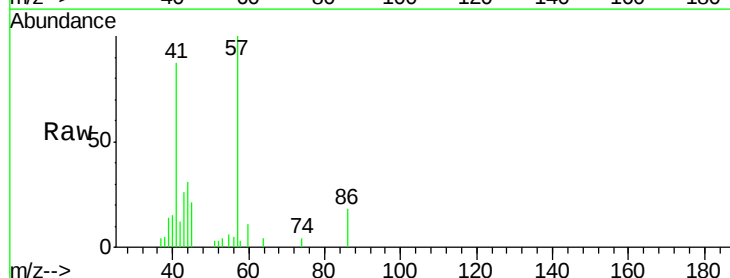
Tgt Ion: 41 Resp: 8944

Ion Ratio Lower Upper

41 100

69 0.0 70.6 105.8#

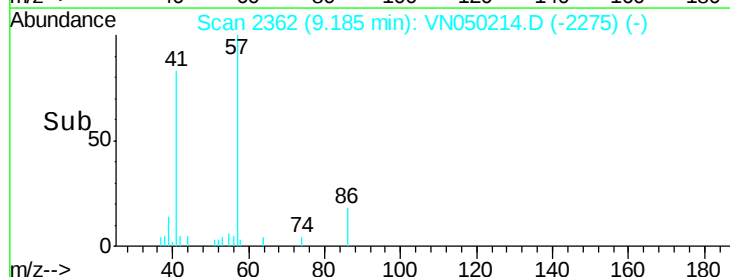
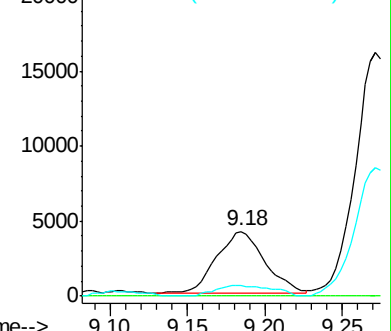
39 19.9 43.9 65.9#

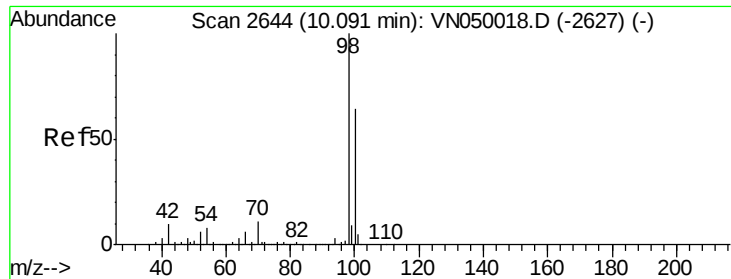


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: 45.58 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050214.D

Acq: 31 Jul 2018 14:52

Instrument :

MSVOA_N

ClientSampleId :

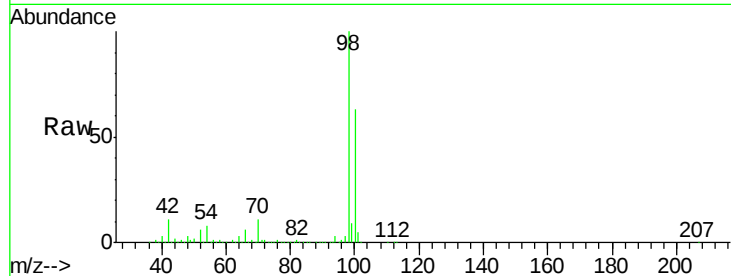
PB111613ZHE#02

Tot Ion: 98 Resp: 1473636

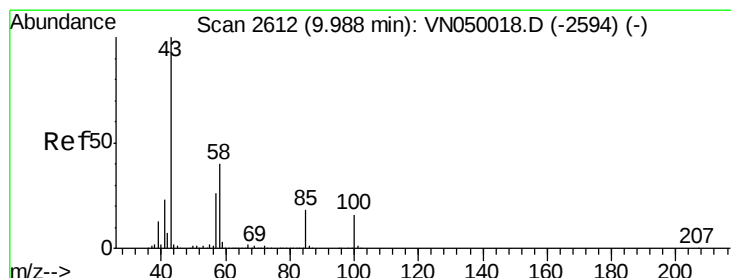
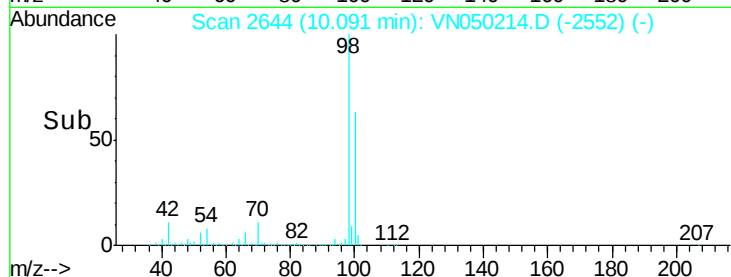
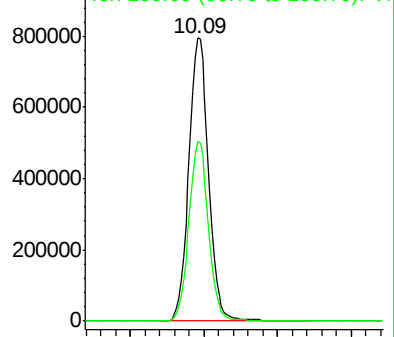
Ion Ratio Lower Upper

98 100

100 63.1 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN050018.D (-2627) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.52 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN050214.D

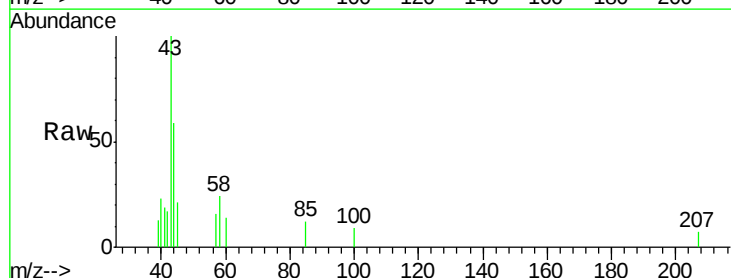
Acq: 31 Jul 2018 14:52

Tgt Ion: 43 Resp: 4297

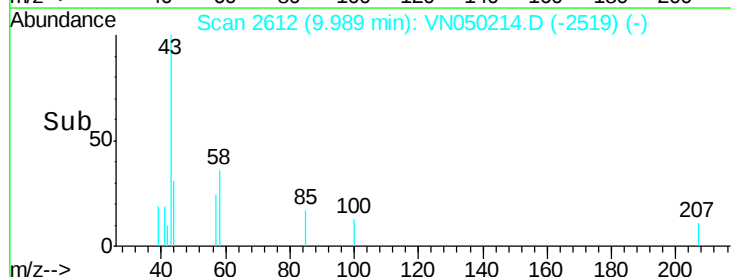
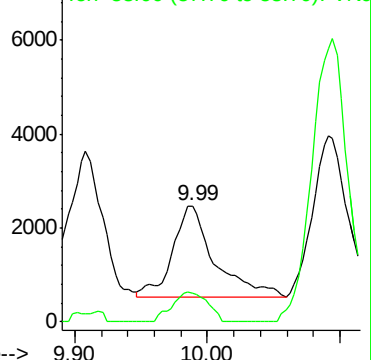
Ion Ratio Lower Upper

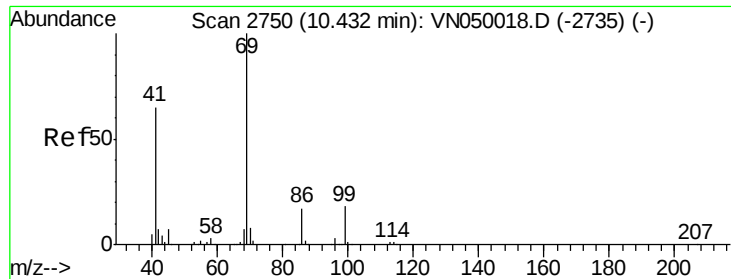
43 100

58 27.5 31.9 47.9#



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-2594) (-)





#56

Ethyl methacrylate

Concen: 2.04 ug/l

RT: 10.29 min Scan# 2705

Delta R.T. -0.14 min

Lab File: VN050214.D

Acq: 31 Jul 2018 14:52

Instrument :

MSVOA_N

ClientSampleId :

PB111613ZHE#02

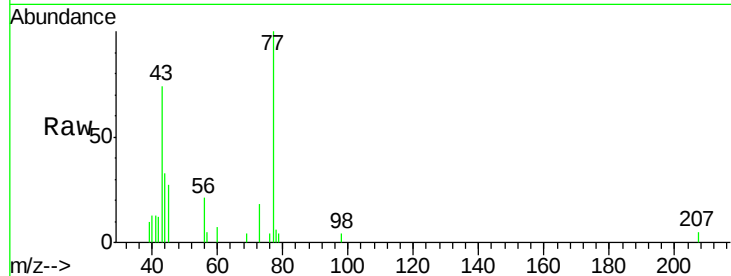
Tot Ion: 69 Resp: 99

Ion Ratio Lower Upper

69 100

41 1575.8 51.0 76.4#

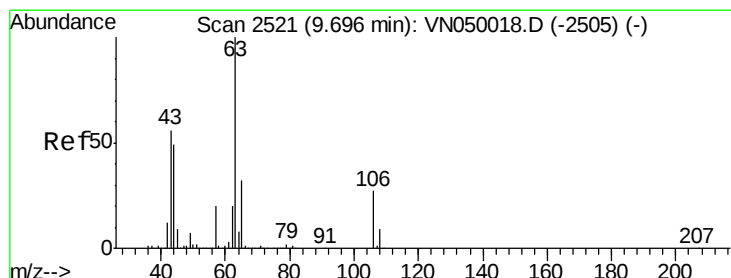
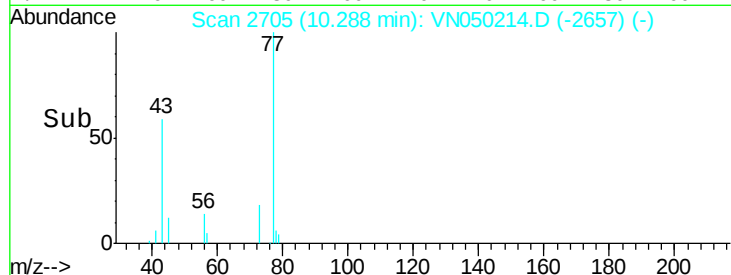
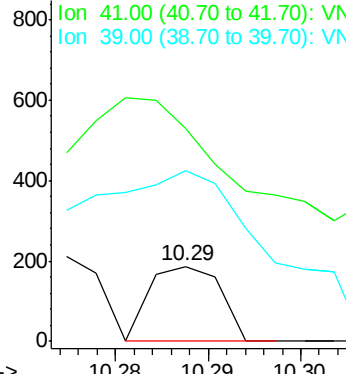
39 735.4 26.6 40.0#



Abundance Ion 69.00 (68.70 to 69.70): VN050214.D (-2657) (-)

Ion 41.00 (40.70 to 41.70): VN050214.D (-2657) (-)

Ion 39.00 (38.70 to 39.70): VN050214.D (-2657) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 8.54 ug/l

RT: 9.70 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VN050214.D

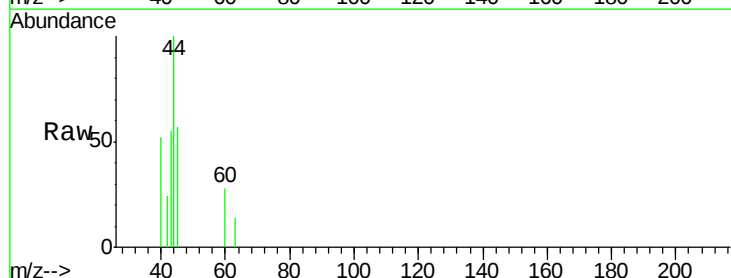
Acq: 31 Jul 2018 14:52

Tgt Ion: 63 Resp: 69

Ion Ratio Lower Upper

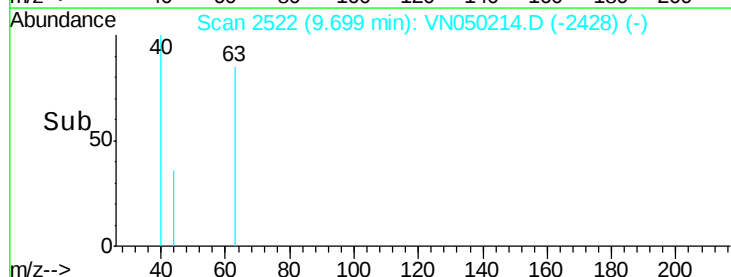
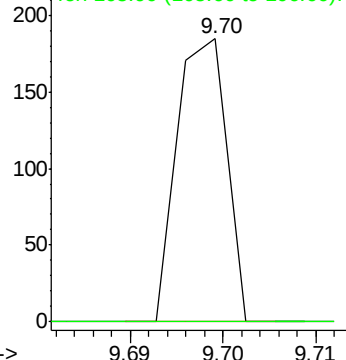
63 100

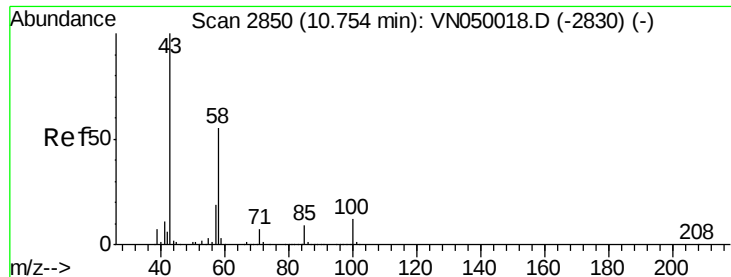
106 0.0 21.7 32.5#



Abundance Ion 62.90 (62.60 to 63.60): VN050214.D (-2428) (-)

Ion 105.90 (105.60 to 106.60): VN050214.D (-2428) (-)





#59

2-Hexanone

Concen: 8.57 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050214.D

Acq: 31 Jul 2018 14:52

Instrument :

MSVOA_N

ClientSampleId :

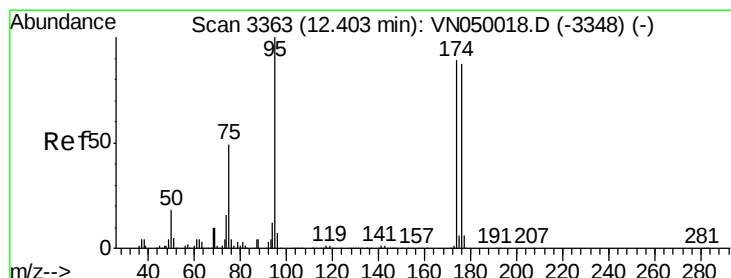
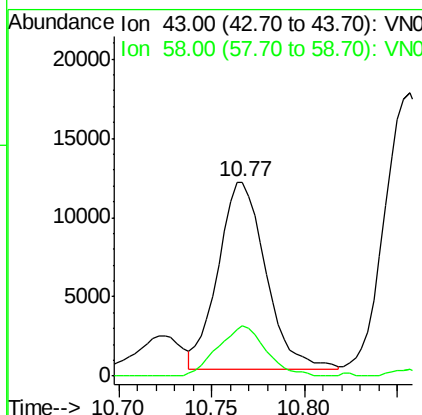
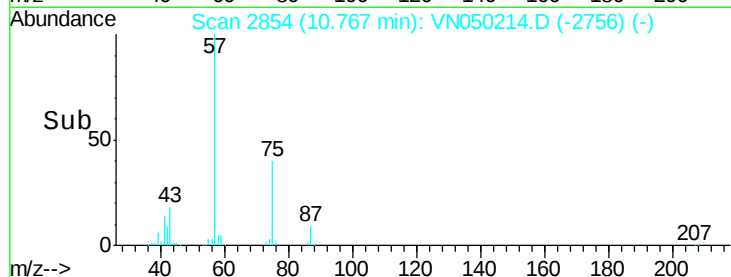
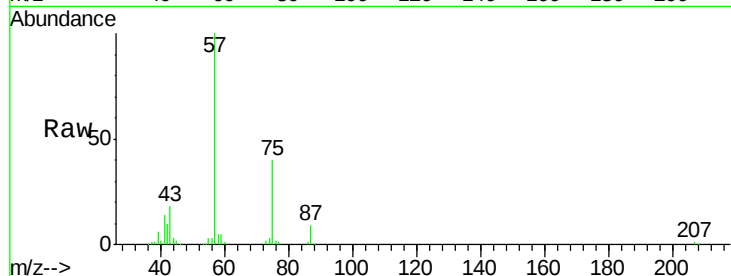
PB111613ZHE#02

Tot Ion: 43 Resp: 21179

Ion Ratio Lower Upper

43 100

58 26.9 27.6 82.7#



#62

4-Bromofluorobenzene

Concen: 36.18 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050214.D

Acq: 31 Jul 2018 14:52

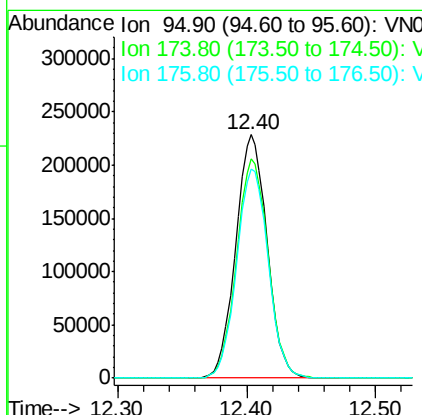
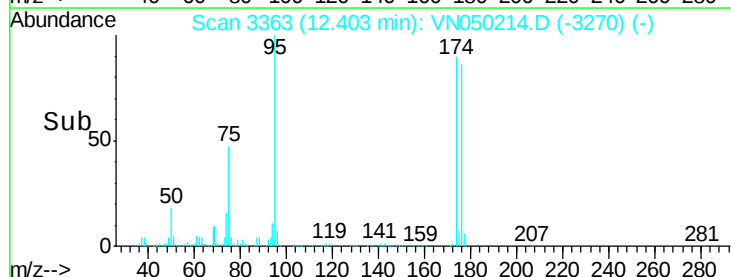
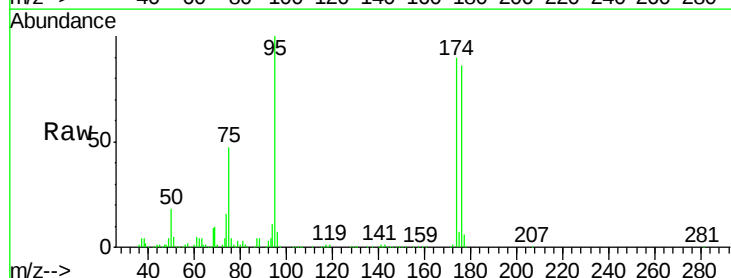
Tgt Ion: 95 Resp: 385110

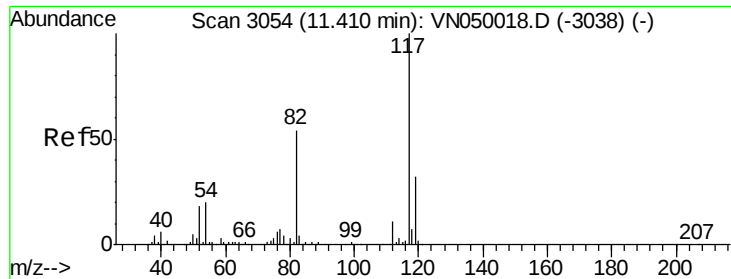
Ion Ratio Lower Upper

95 100

174 90.8 0.0 178.2

176 86.7 0.0 173.4

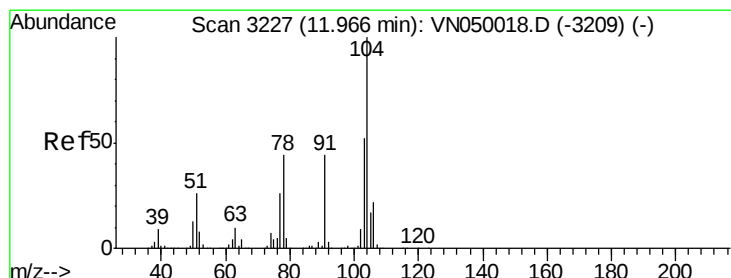
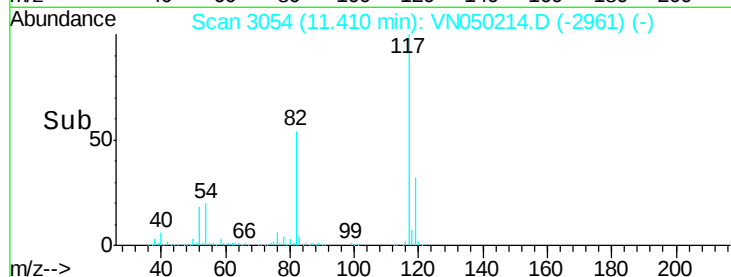
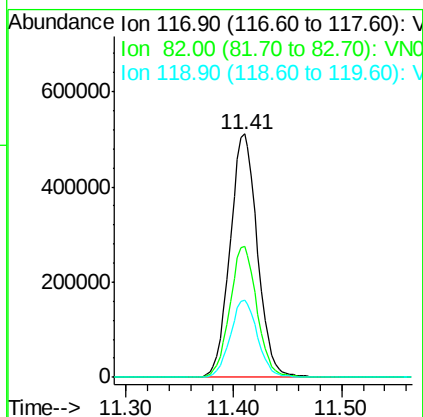
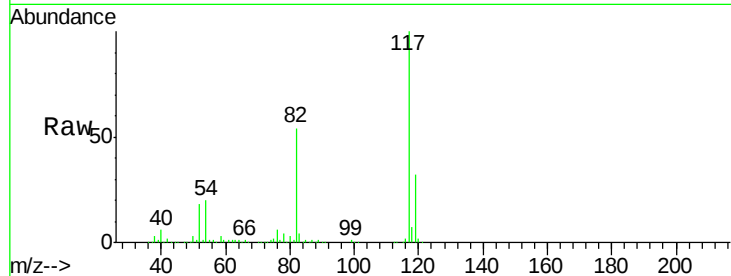




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050214.D
Acq: 31 Jul 2018 14:52

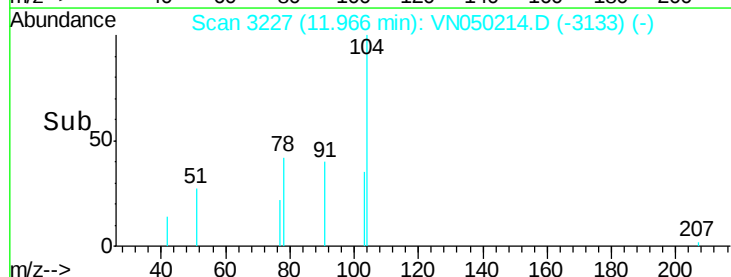
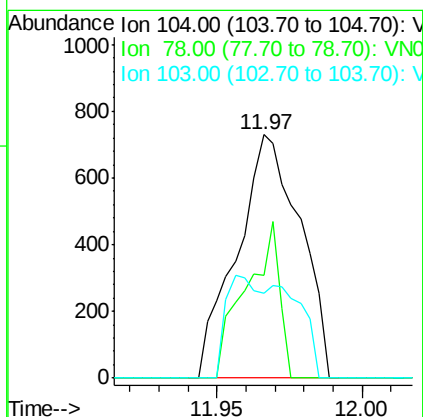
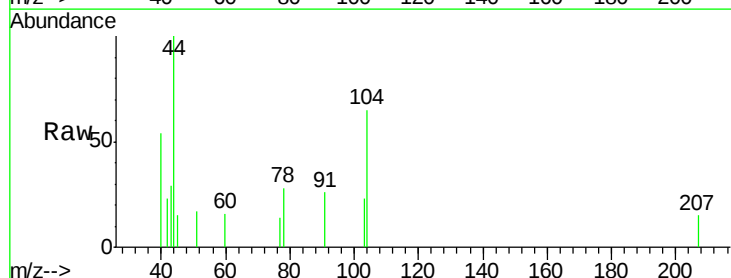
Instrument :
MSVOA_N
ClientSampleId :
PB111613ZHE#02

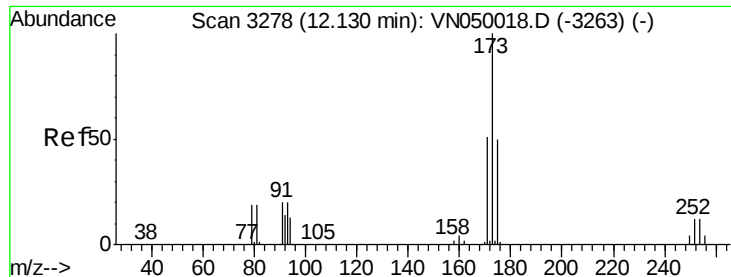
Tot Ion:117 Resp: 904301
Ion Ratio Lower Upper
117 100
82 54.0 43.7 65.5
119 32.0 26.1 39.1



#70
Styrene
Concen: 0.97 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050214.D
Acq: 31 Jul 2018 14:52

Tgt Ion:104 Resp: 1104
Ion Ratio Lower Upper
104 100
78 34.5 39.3 58.9#
103 23.7 45.0 67.6#





#71

Bromoform

Concen: 0.25 ug/l

RT: 12.40 min Scan# 3362

Delta R.T. 0.27 min

Lab File: VN050214.D

Acq: 31 Jul 2018 14:52

Instrument :

MSVOA_N

ClientSampleId :

PB111613ZHE#02

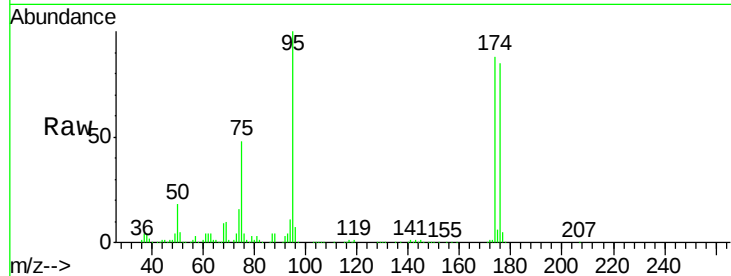
Tot Ion:173 Resp: 1565

Ion Ratio Lower Upper

173 100

175 1481.2 24.1 72.2#

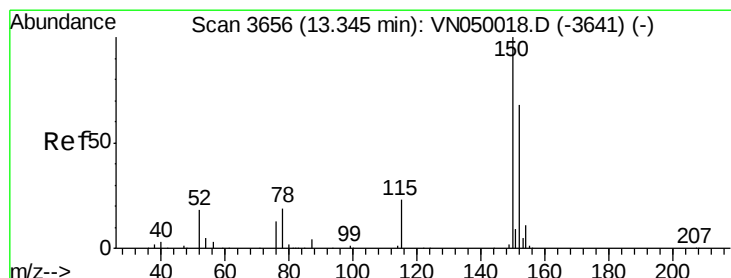
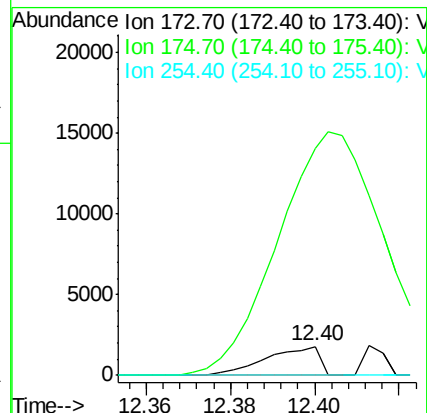
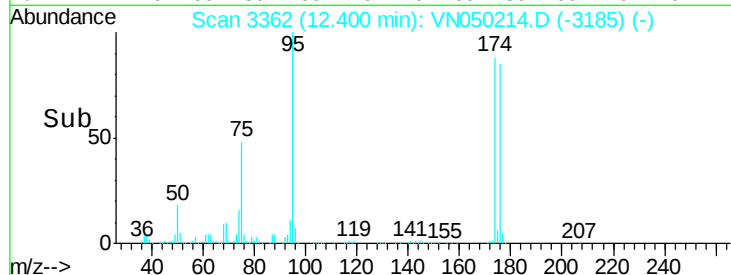
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050214.D

Acq: 31 Jul 2018 14:52

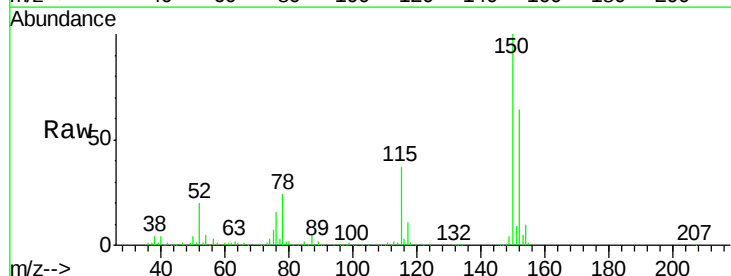
Tgt Ion:152 Resp: 299087

Ion Ratio Lower Upper

152 100

115 56.2 27.8 83.3

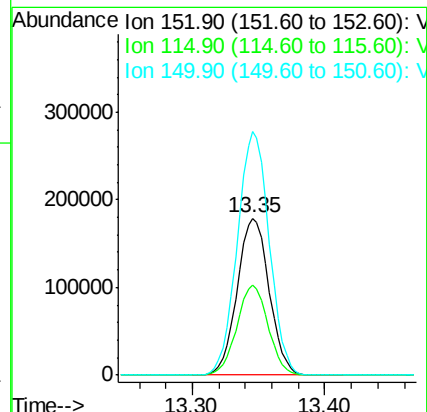
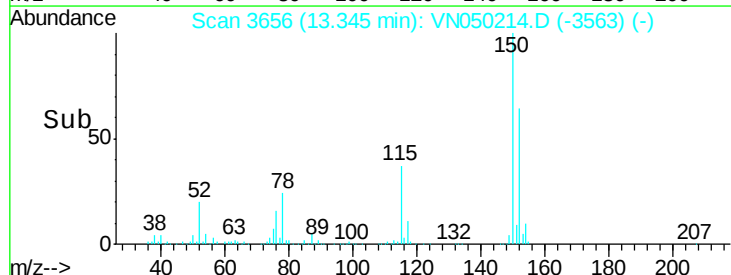
150 155.0 0.0 348.6

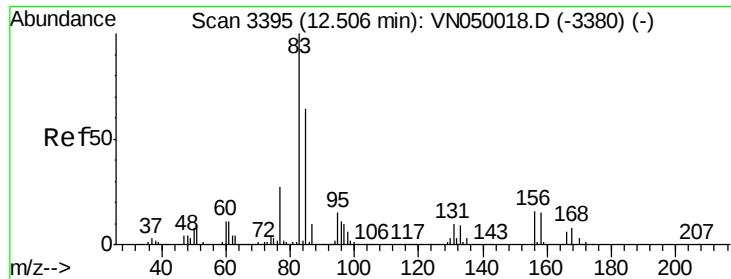


Abundance Ion 151.90 (151.60 to 152.60): V

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: VN050214.D

Acq: 31 Jul 2018 14:52

Instrument :

MSVOA_N

ClientSampleId :

PB111613ZHE#02

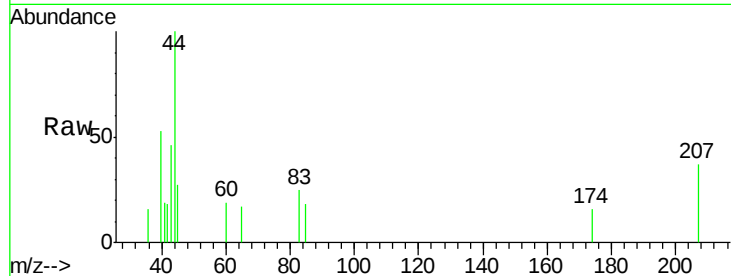
Tot Ion: 83 Resp: 278

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

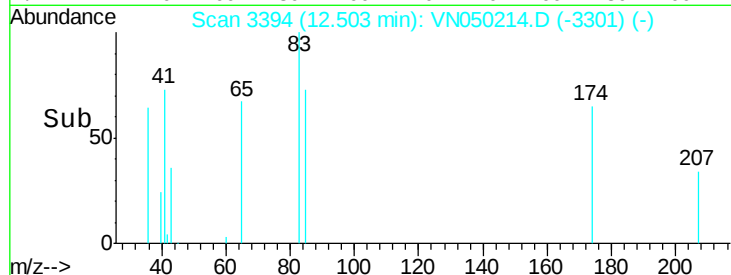
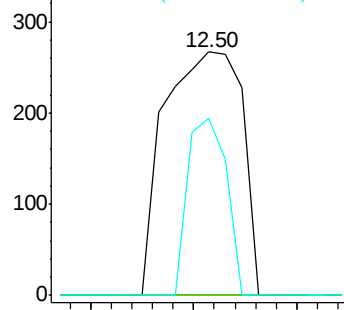
85 36.3 32.3 96.8



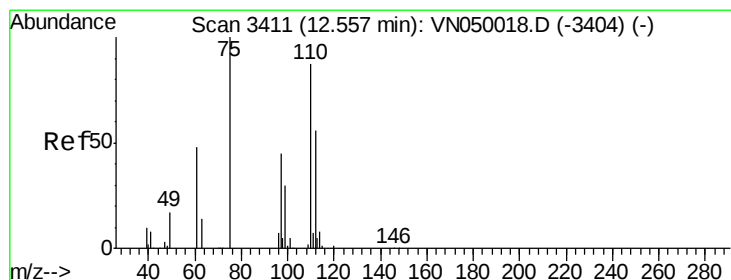
Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 130.80 (130.50 to 131.50): VNC

Ion 84.90 (84.60 to 85.60): VNC



Time-->



#76

1,2,3-Trichloropropane

Concen: 33.62 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050214.D

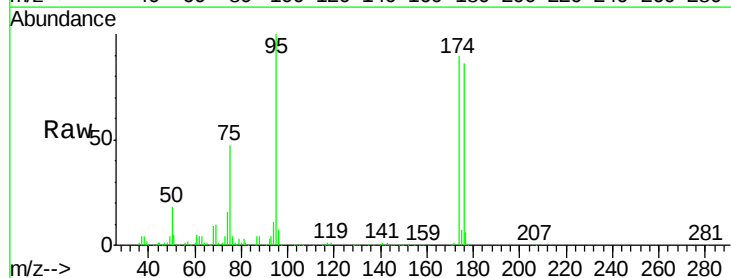
Acq: 31 Jul 2018 14:52

Tgt Ion: 75 Resp: 186851

Ion Ratio Lower Upper

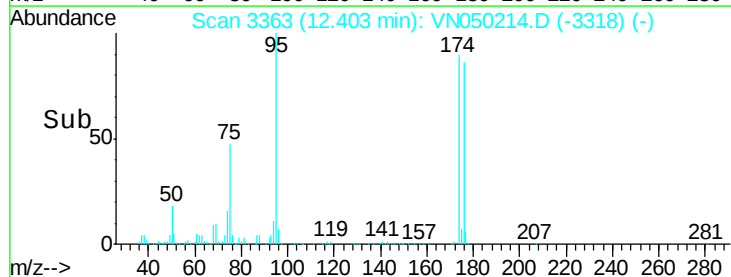
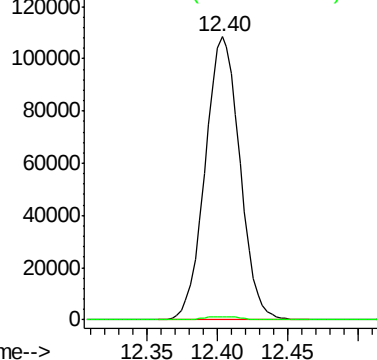
75 100

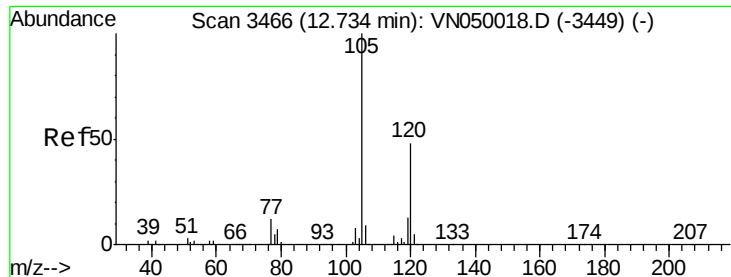
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#80

1,3,5-Trimethylbenzene

Concen: 0.28 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050214.D

Acq: 31 Jul 2018 14:52

Instrument :

MSVOA_N

ClientSampleId :

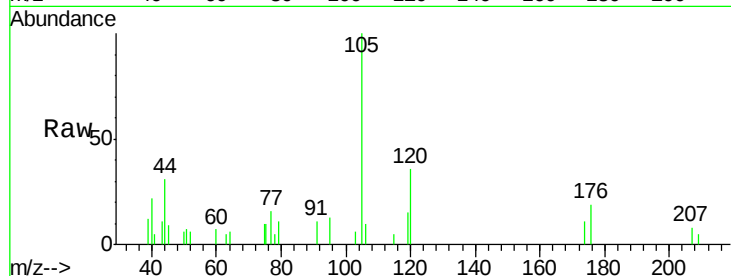
PB111613ZHE#02

Tot Ion:105 Resp: 5116

Ion Ratio Lower Upper

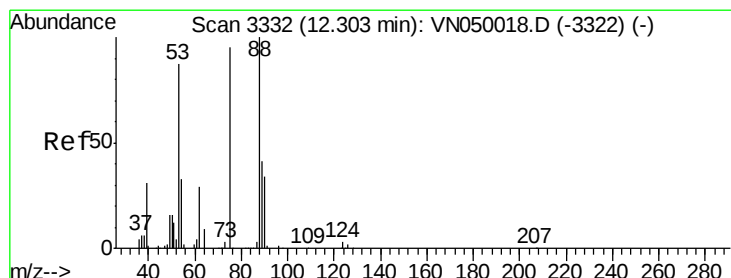
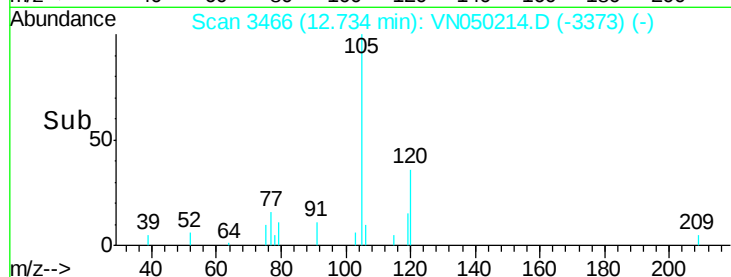
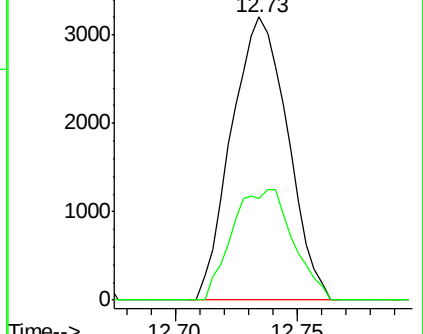
105 100

120 42.3 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: 106.63 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050214.D

Acq: 31 Jul 2018 14:52

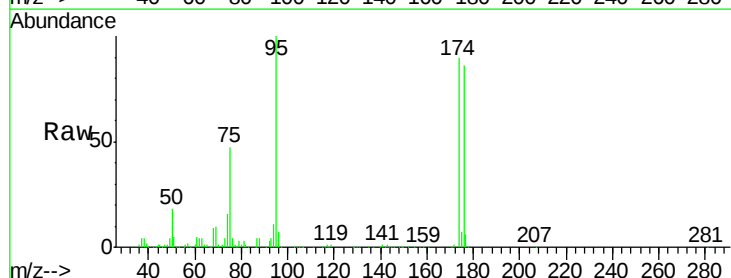
Tgt Ion: 75 Resp: 186851

Ion Ratio Lower Upper

75 100

53 0.2 73.5 110.3#

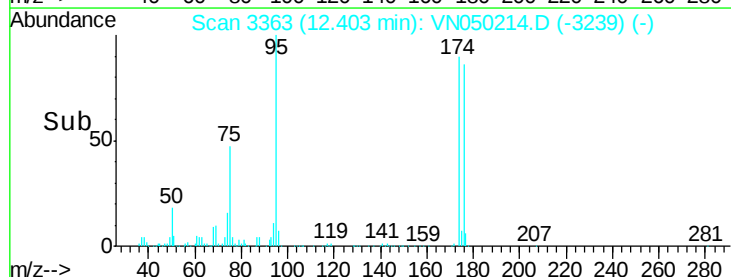
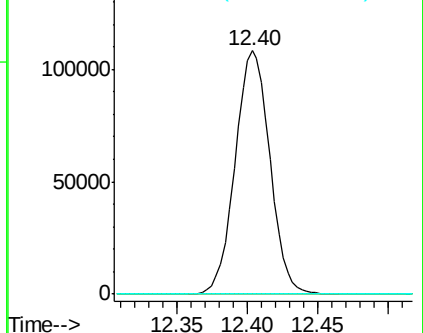
89 0.0 36.0 54.0#

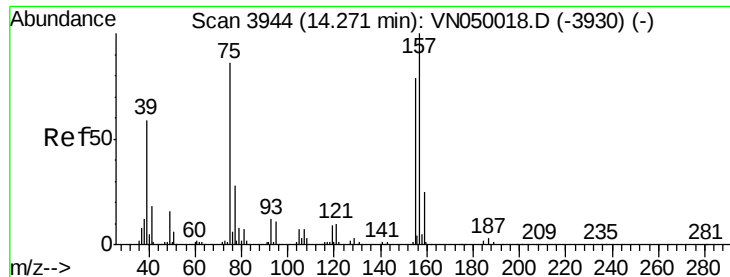


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.26 min Scan# 3940

Delta R.T. -0.01 min

Lab File: VN050214.D

Acq: 31 Jul 2018 14:52

Instrument :

MSVOA_N

ClientSampleId :

PB111613ZHE#02

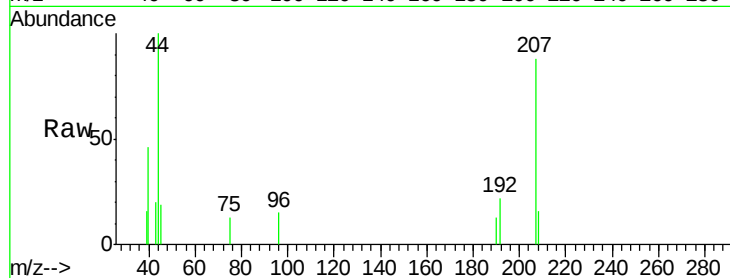
Tot Ion: 75 Resp: 64

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

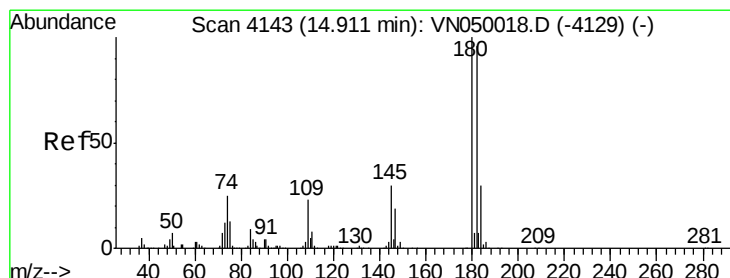
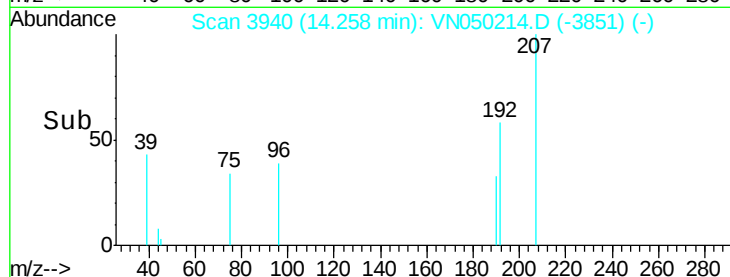
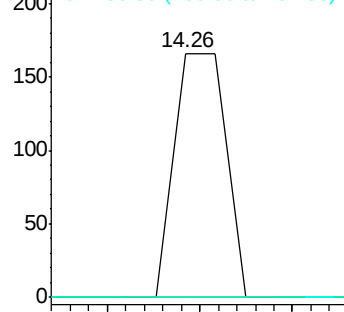
157 0.0 57.2 171.6#



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



#93

1,2,4-Trichlorobenzene

Concen: 3.47 ug/l

RT: 14.91 min Scan# 4144

Delta R.T. 0.00 min

Lab File: VN050214.D

Acq: 31 Jul 2018 14:52

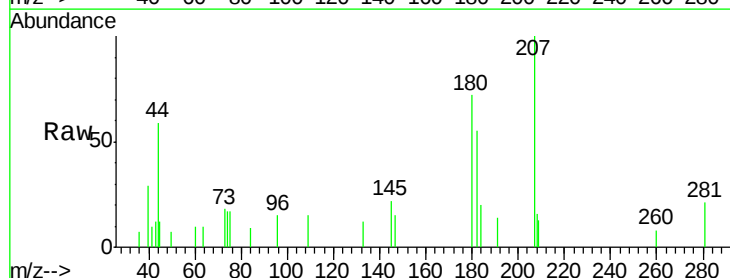
Tgt Ion: 180 Resp: 2386

Ion Ratio Lower Upper

180 100

182 82.4 46.7 140.1

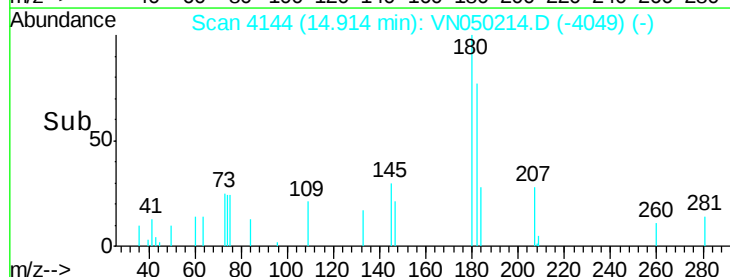
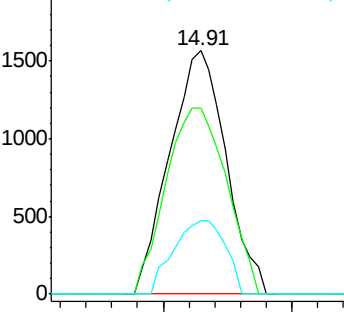
145 27.7 13.8 41.4

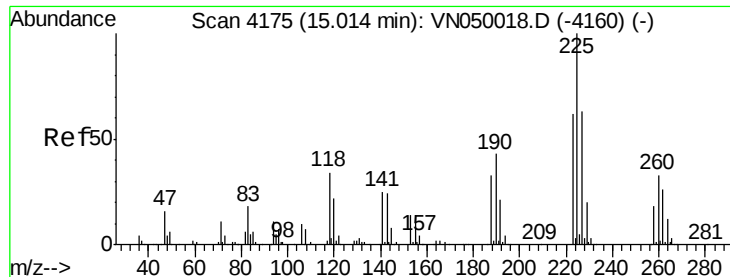


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 0.30 ug/l

RT: 15.01 min Scan# 4175

Delta R.T. 0.00 min

Lab File: VN050214.D

Acq: 31 Jul 2018 14:52

Instrument :

MSVOA_N

ClientSampleId :

PB111613ZHE#02

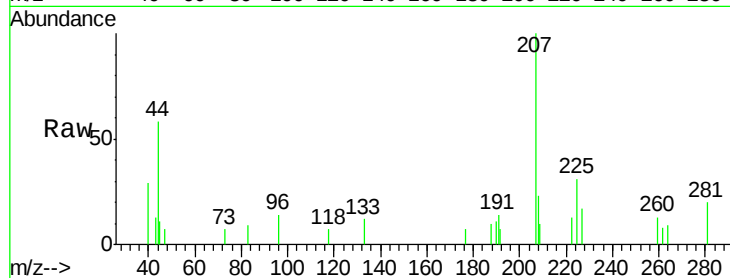
Tot Ion:225 Resp: 1009

Ion Ratio Lower Upper

225 100

223 52.4 31.4 94.2

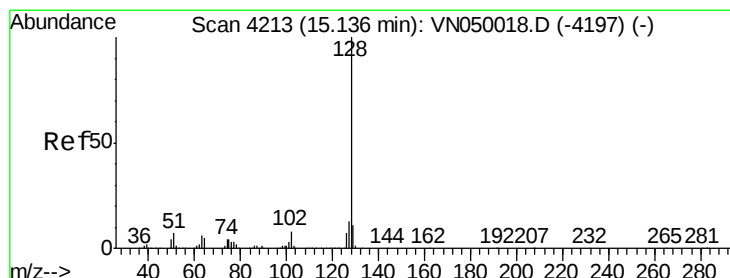
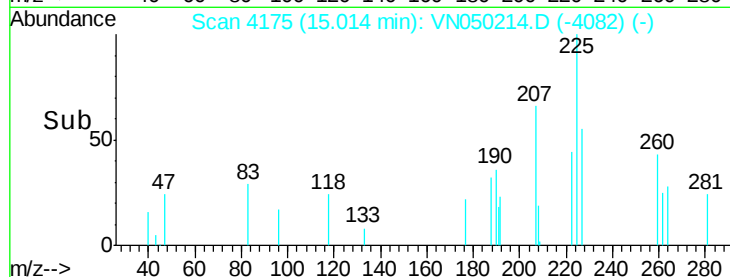
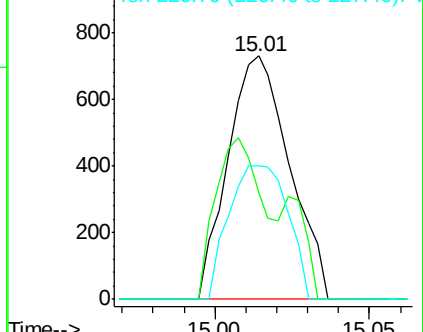
227 52.6 32.1 96.5



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: 4.82 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050214.D

Acq: 31 Jul 2018 14:52

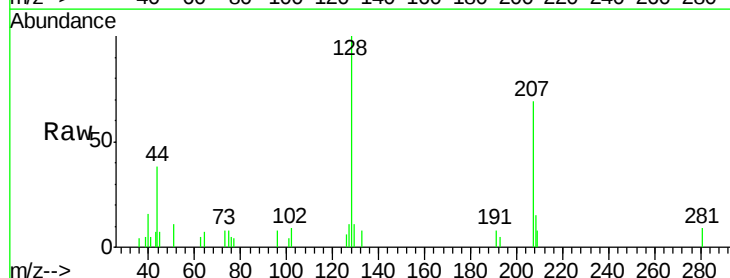
Tgt Ion:128 Resp: 6131

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

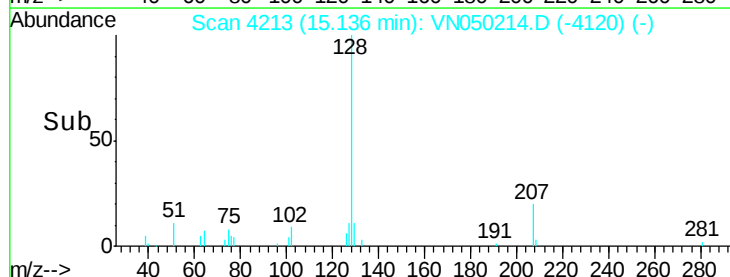
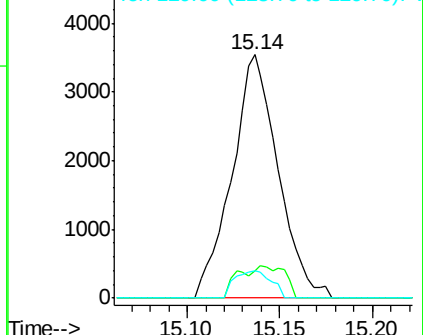
129 8.8 8.8 13.2#

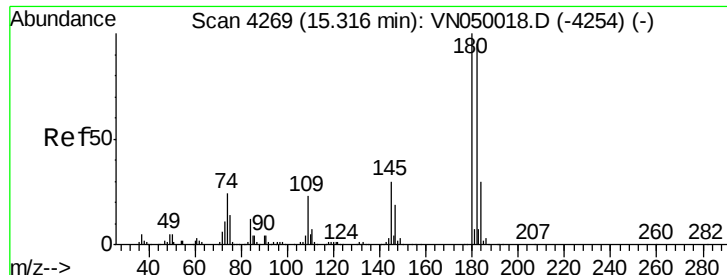


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 2.69 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. -0.00 min

Lab File: VN050214.D

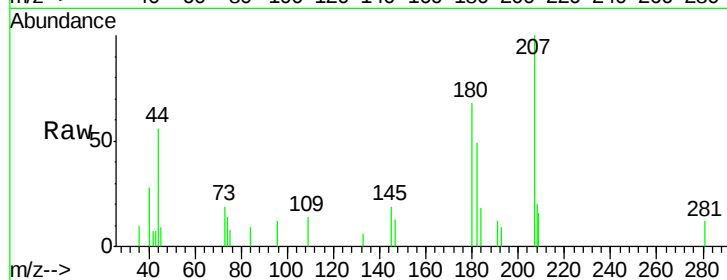
Acq: 31 Jul 2018 14:52

Instrument :

MSVOA_N

ClientSampleId :

PB111613ZHE#02



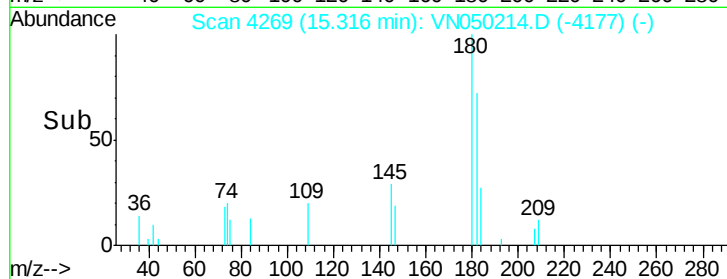
Tot Ion:180 Resp: 2858

Ion Ratio Lower Upper

180 100

182 83.2 48.1 144.4

145 24.8 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

