

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072018\
 Data File : VN049971.D
 Acq On : 20 Jul 2018 18:57
 Operator : MD\SY
 Sample : PB111289ZHE#11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111289ZHE#11

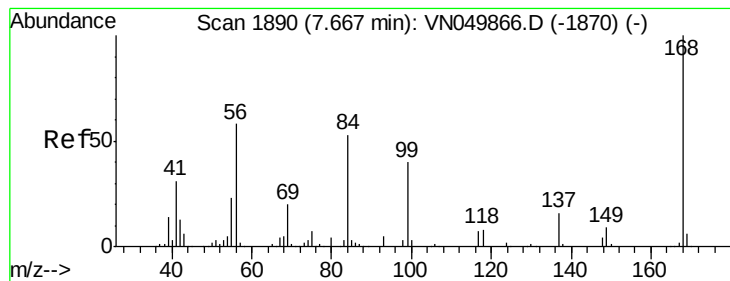
Quant Time: Jul 20 23:49:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	554266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	949775	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	803416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	288394	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	413211	54.24	ug/l	0.00
Spiked Amount			Recovery	=	108.48%	
35) Dibromofluoromethane	7.59	113	358774	45.00	ug/l	0.00
Spiked Amount			Recovery	=	90.00%	
50) Toluene-d8	10.09	98	1263597	43.50	ug/l	0.00
Spiked Amount			Recovery	=	87.00%	
62) 4-Bromofluorobenzene	12.40	95	344315	34.41	ug/l	0.00
Spiked Amount			Recovery	=	68.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.56	94	271	Below Cal	#	38
8) Diethyl Ether	3.41	74	3665	0.95	ug/l	98
13) Acrolein	3.83	56	388	1.11	ug/l #	1
14) Allyl chloride	4.55	41	64171	6.77	ug/l #	25
16) Acetone	3.82	43	1854890	940.43	ug/l	100
18) Methyl Acetate	4.33	43	31530	4.33	ug/l	99
20) Methylene Chloride	4.55	84	1870953	249.43	ug/l	99
25) 2-Butanone	6.84	43	12160	4.31	ug/l	95
29) Tetrahydrofuran	7.23	42	15169	8.54	ug/l	94
31) Cyclohexane	7.67	56	10747	1.06	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	39406	3.73	ug/l #	49
37) Ethyl Acetate	6.84	43	12160	1.68	ug/l #	68
38) Carbon Tetrachloride	7.67	117	50768	4.49	ug/l #	17
41) Methacrylonitrile	7.22	41	9257	2.55	ug/l #	44
43) Isopropyl Acetate	8.17	43	346169	27.32	ug/l #	91
48) Methyl methacrylate	9.19	41	8349	1.31	ug/l #	24
51) 4-Methyl-2-Pentanone	9.99	43	1811	0.26	ug/l	89
54) cis-1,3-Dichloropropene	9.91	75	2515	0.21	ug/l #	75
56) Ethyl methacrylate	10.63	69	820	2.23	ug/l #	1
59) 2-Hexanone	10.77	43	20838	4.38	ug/l #	57
71) Bromoform	12.40	173	3386	0.61	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	168339	31.12	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	5313	0.30	ug/l	92
81) trans-1,4-Dichloro-2-buten	12.40	75	168339	97.30	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.26	75	285	0.28	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	63	3.49	ug/l #	13
95) Naphthalene	15.13	128	236	4.51	ug/l #	69

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

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ClientSampleId :

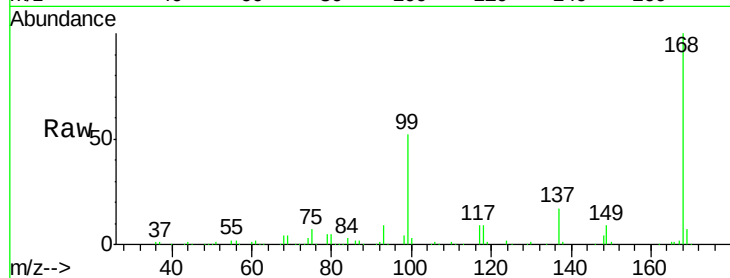
PB111289ZHE#11

Tot Ion:168 Resp: 554266

Ion Ratio Lower Upper

168 100

99 52.5 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

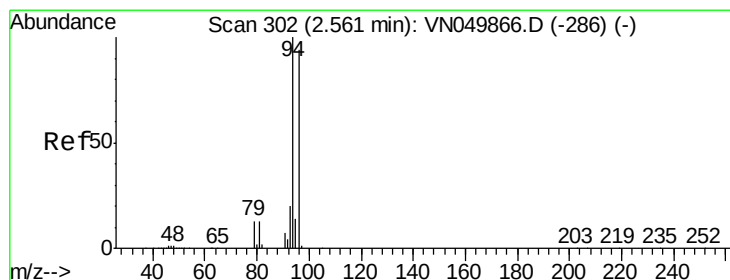
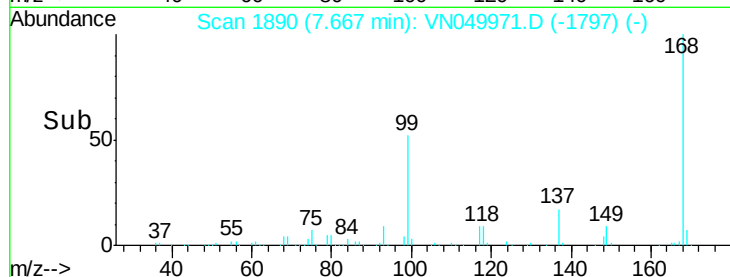
100000

50000

0

7.60 7.70 7.80

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN049971.D

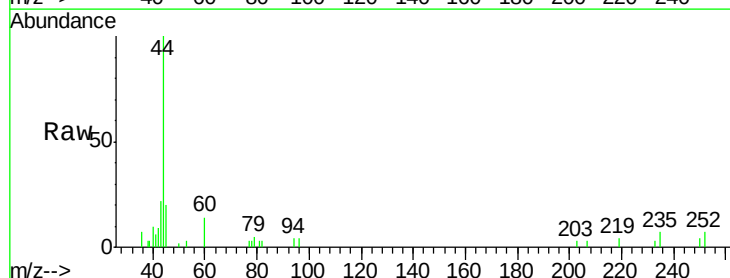
Acq: 20 Jul 2018 18:57

Tgt Ion: 94 Resp: 271

Ion Ratio Lower Upper

94 100

96 34.4 75.7 113.5#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.56

300

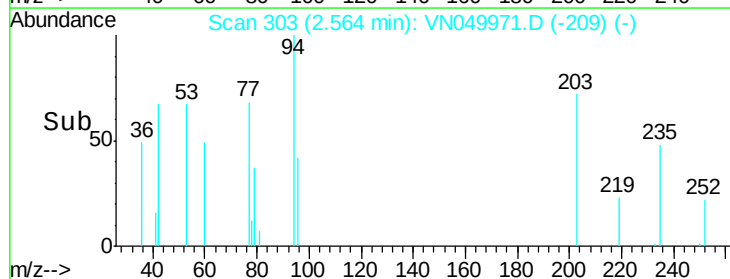
200

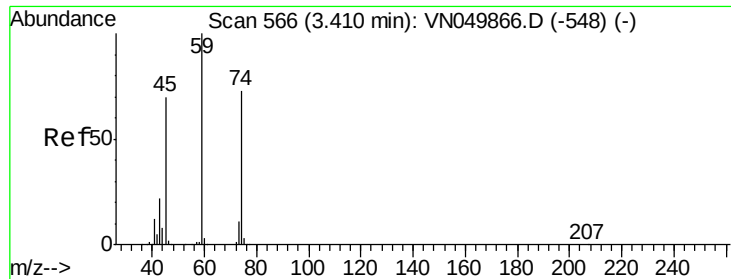
100

0

2.54 2.55 2.56 2.57

Time-->





#8

Diethyl Ether

Concen: 0.95 ug/l

RT: 3.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VN049971.D

Acq: 20 Jul 2018 18:57

Instrument :

MSVOA_N

ClientSampleId :

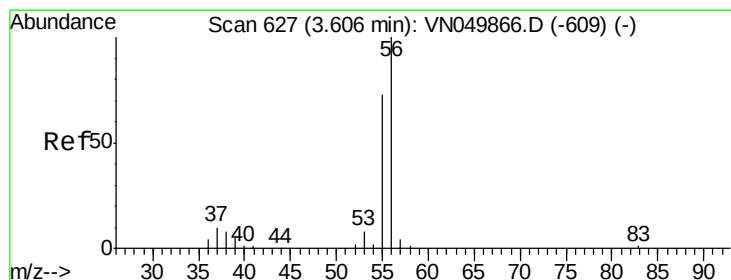
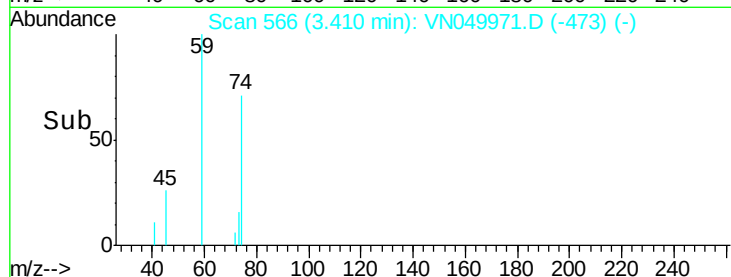
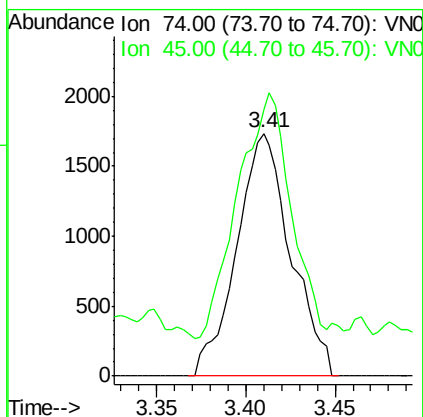
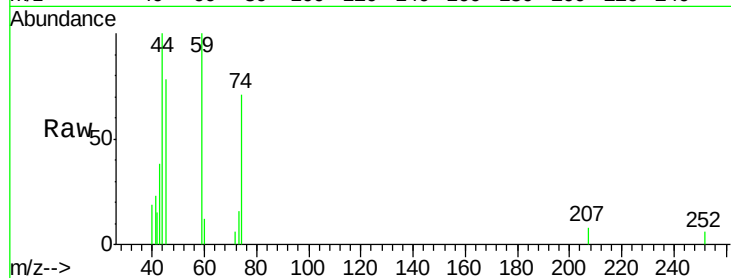
PB111289ZHE#11

Tot Ion: 74 Resp: 3665

Ion Ratio Lower Upper

74 100

45 99.2 48.4 145.2



#13

Acrolein

Concen: 1.11 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.22 min

Lab File: VN049971.D

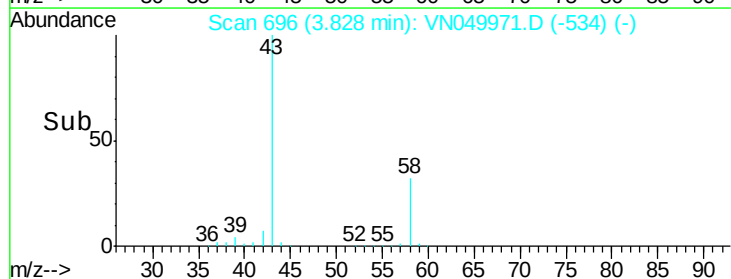
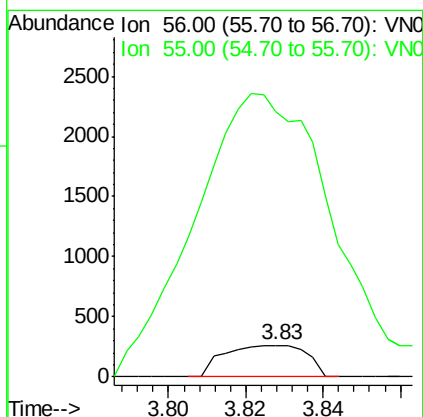
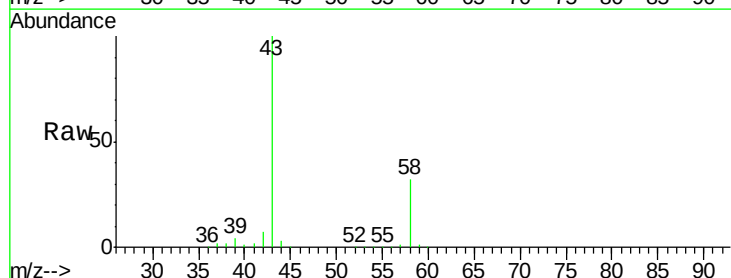
Acq: 20 Jul 2018 18:57

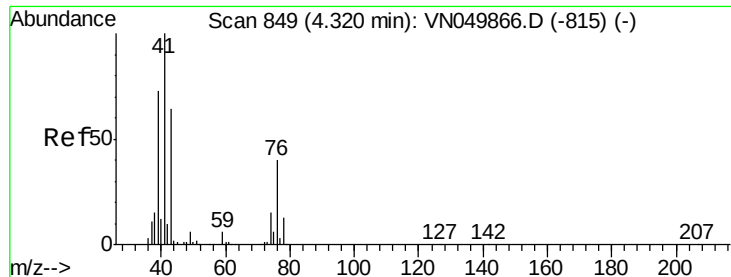
Tgt Ion: 56 Resp: 388

Ion Ratio Lower Upper

56 100

55 1528.6 55.8 83.8#





#14

Allvl chloride

Concen: 6.77 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.23 min

Lab File: VN049971.D

Acq: 20 Jul 2018 18:57

Instrument :

MSVOA_N

ClientSampleId :

PB111289ZHE#11

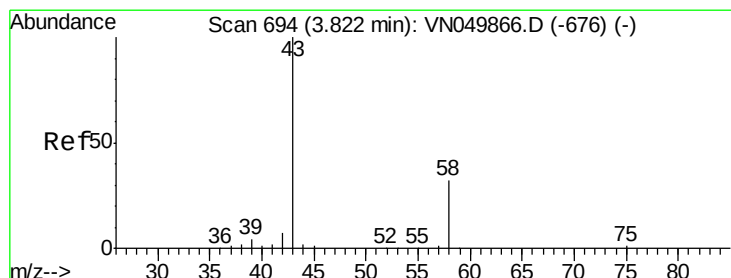
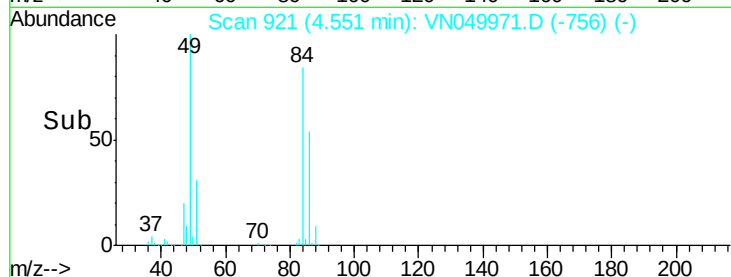
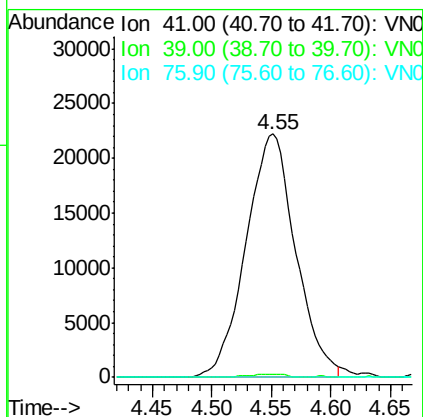
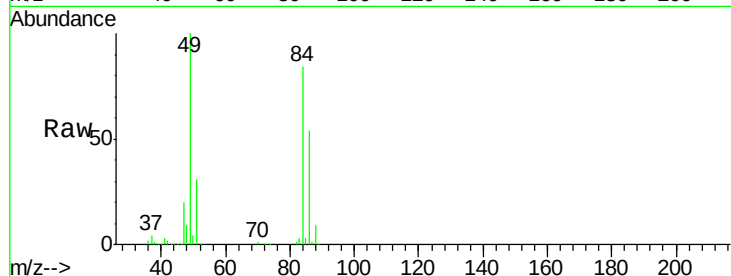
Tot Ion: 41 Resp: 64171

Ion Ratio Lower Upper

41 100

39 0.6 53.2 79.8#

76 0.0 29.0 43.6#



#16

Acetone

Concen: 940.43 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049971.D

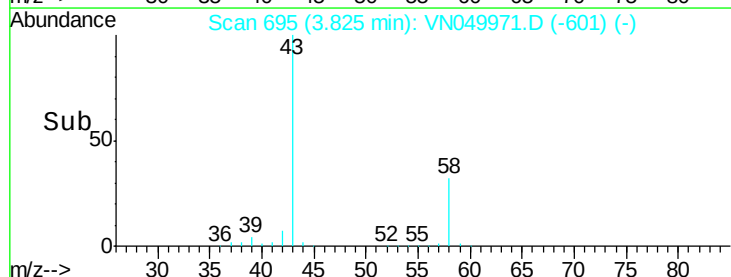
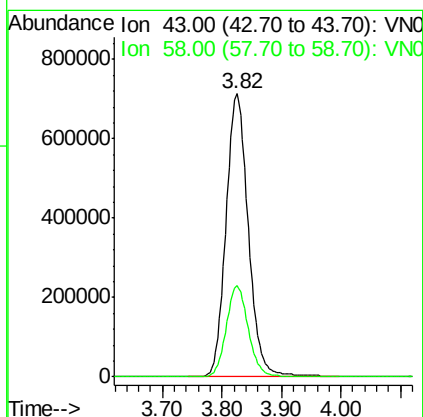
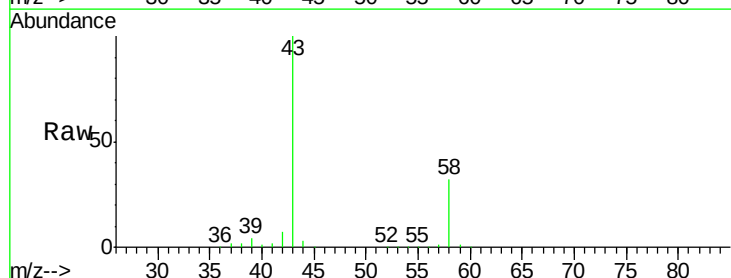
Acq: 20 Jul 2018 18:57

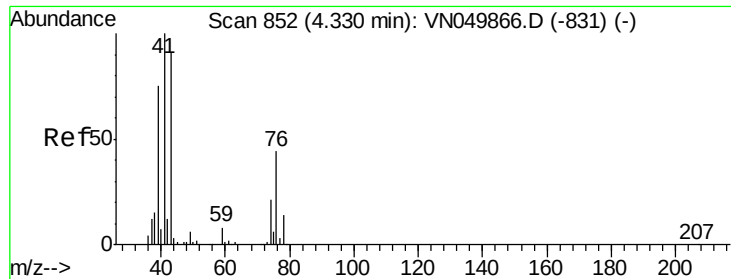
Tgt Ion: 43 Resp: 1854890

Ion Ratio Lower Upper

43 100

58 32.1 25.9 38.9

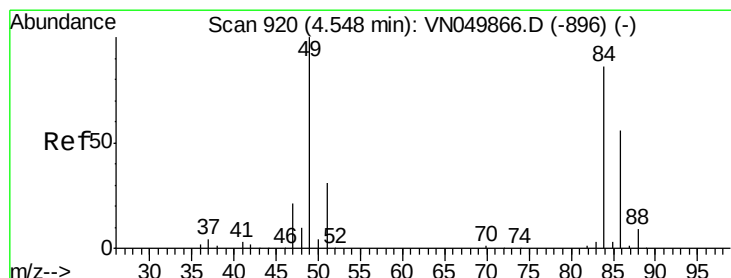
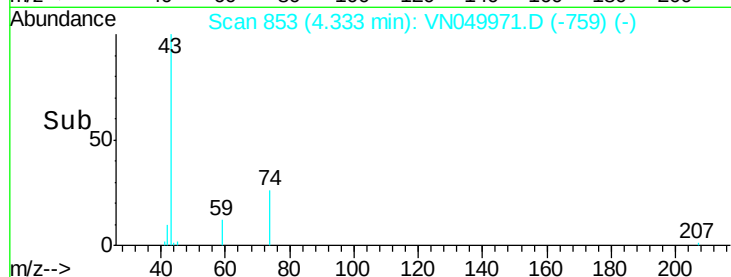
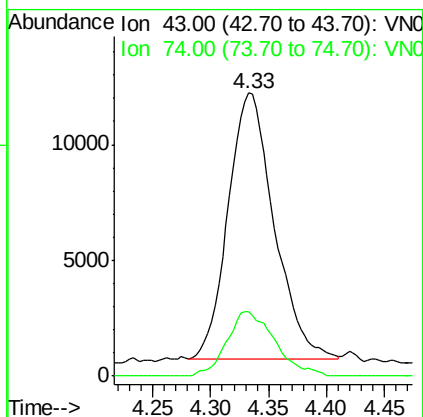
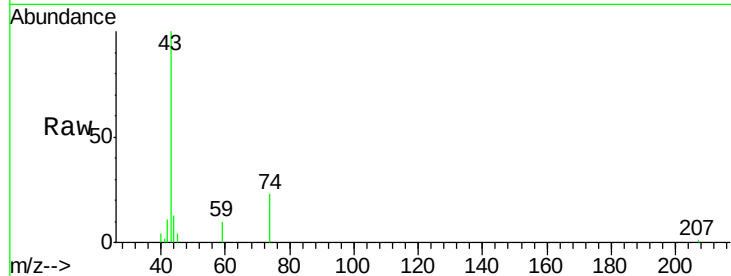




#18
Methvl Acetate
Concen: 4.33 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN049971.D
Acq: 20 Jul 2018 18:57

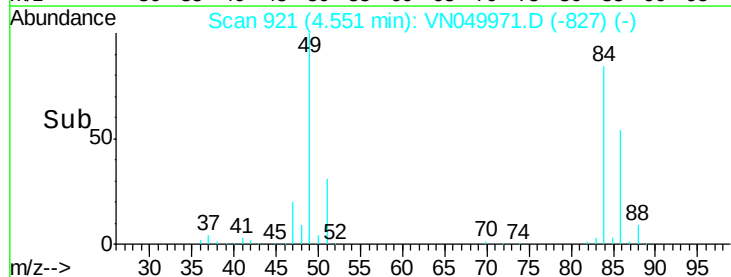
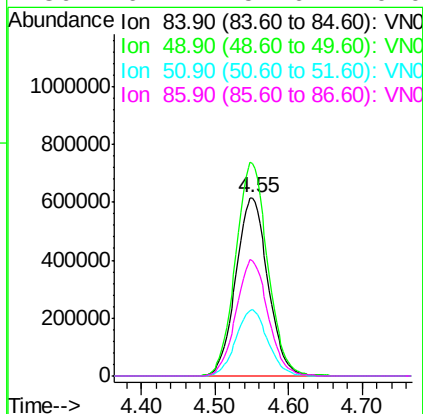
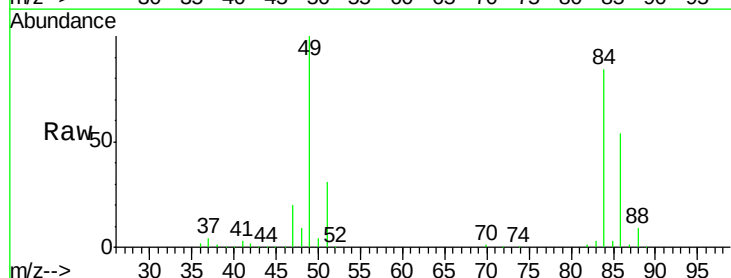
Instrument :
MSVOA_N
ClientSampleId :
PB111289ZHE#11

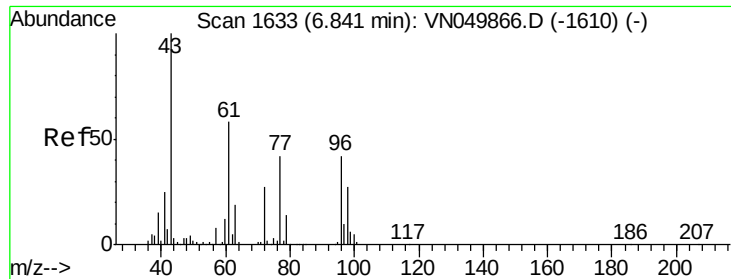
Tot Ion: 43 Resp: 31530
Ion Ratio Lower Upper
43 100
74 25.5 19.8 29.8



#20
Methylene Chloride
Concen: 249.43 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049971.D
Acq: 20 Jul 2018 18:57

Tgt Ion: 84 Resp: 1870953
Ion Ratio Lower Upper
84 100
49 119.6 95.4 143.2
51 37.0 28.4 42.6
86 64.7 52.6 79.0

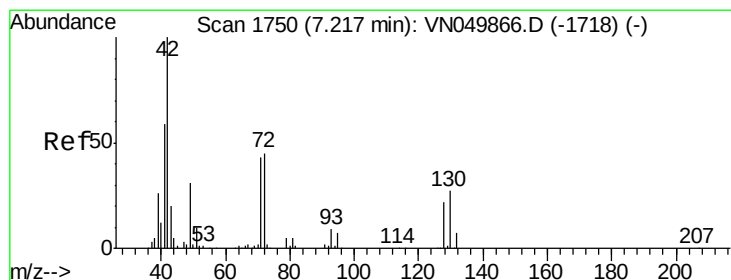
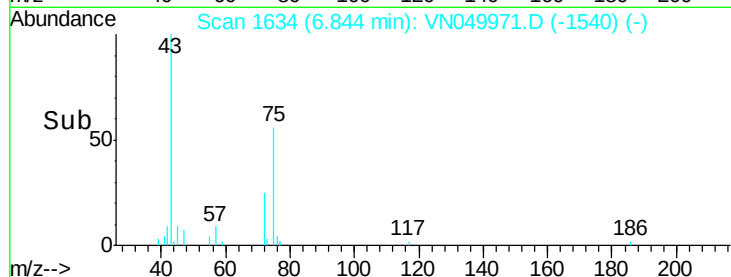
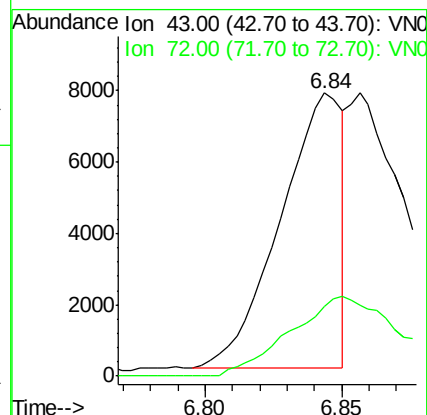
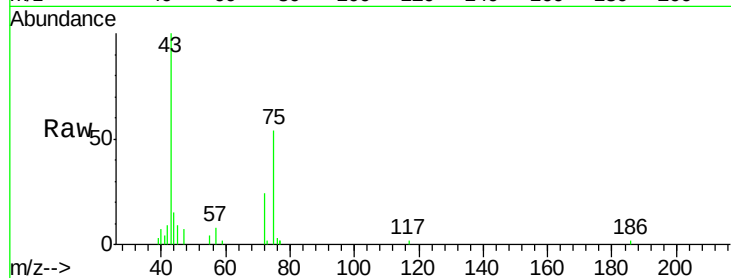




#25
2-Butanone
Concen: 4.31 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN049971.D
Acq: 20 Jul 2018 18:57

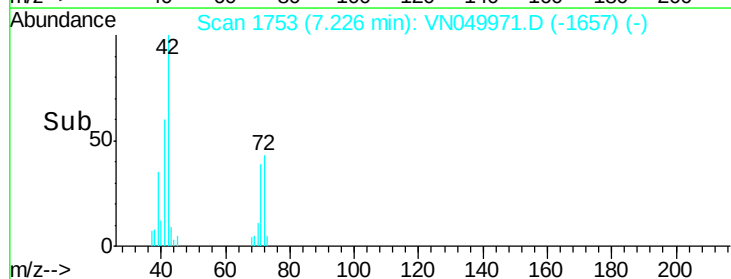
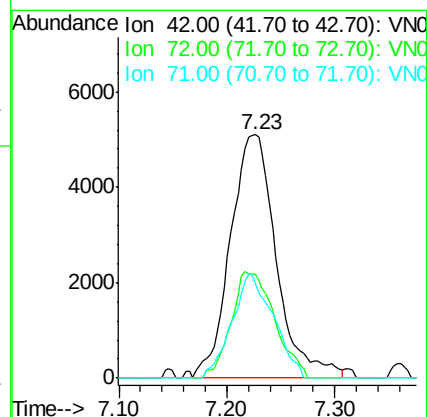
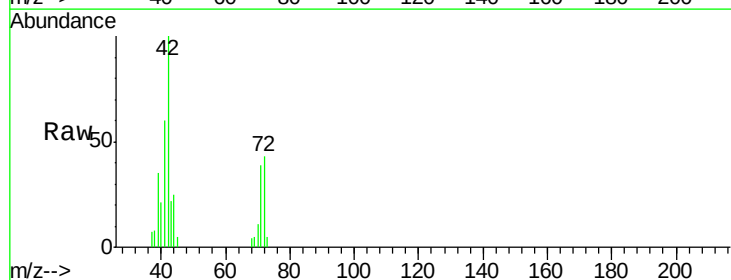
Instrument :
MSVOA_N
ClientSampleId :
PB111289ZHE#11

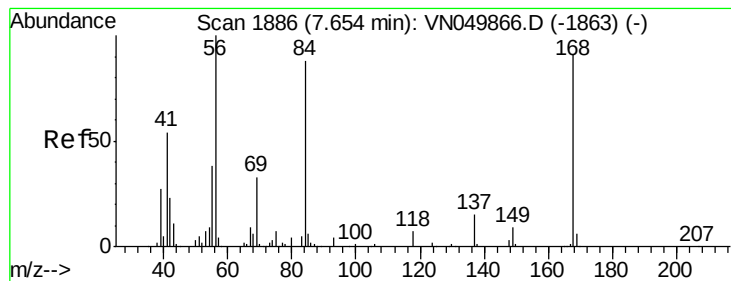
Tot Ion: 43 Resp: 12160
Ion Ratio Lower Upper
43 100
72 25.2 22.1 33.1



#29
Tetrahydrofuran
Concen: 8.54 ug/l
RT: 7.23 min Scan# 1753
Delta R.T. 0.01 min
Lab File: VN049971.D
Acq: 20 Jul 2018 18:57

Tgt Ion: 42 Resp: 15169
Ion Ratio Lower Upper
42 100
72 41.0 35.6 53.4
71 38.6 34.0 51.0





#31

Cyclohexane

Concen: 1.06 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN049971.D

Acq: 20 Jul 2018 18:57

Instrument :

MSVOA_N

ClientSampleId :

PB111289ZHE#11

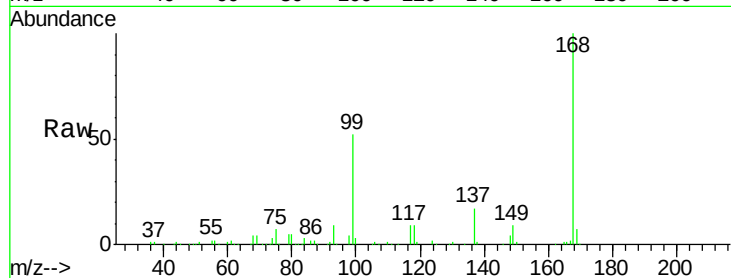
Tot Ion: 56 Resp: 10747

Ion Ratio Lower Upper

56 100

69 189.1 26.6 40.0#

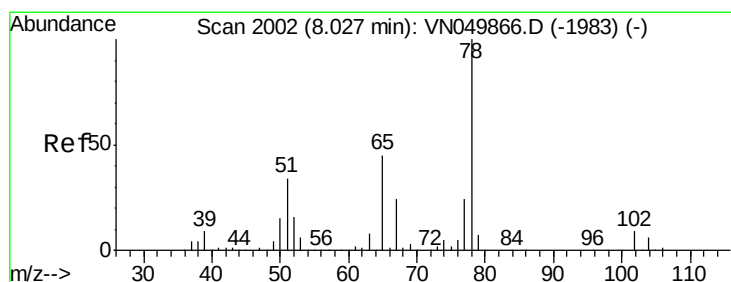
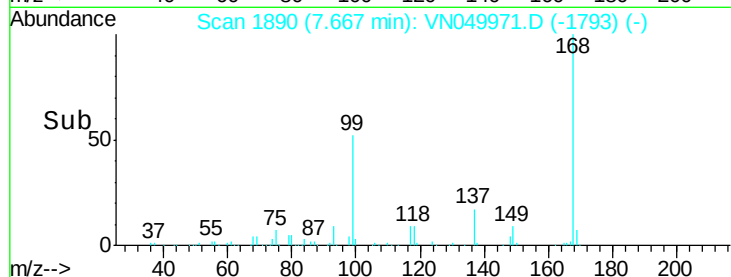
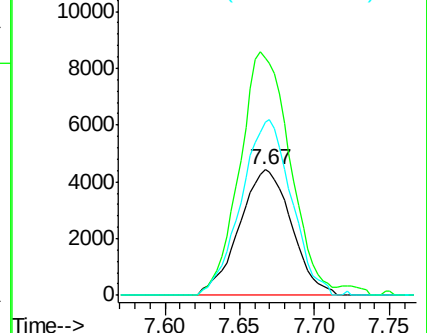
84 137.9 69.0 103.6#



Abundance Ion 56.00 (55.70 to 56.70): VN049866.D (-1863) (-)

Ion 69.00 (68.70 to 69.70): VN049866.D (-1863) (-)

Ion 84.00 (83.70 to 84.70): VN049866.D (-1863) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.24 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049971.D

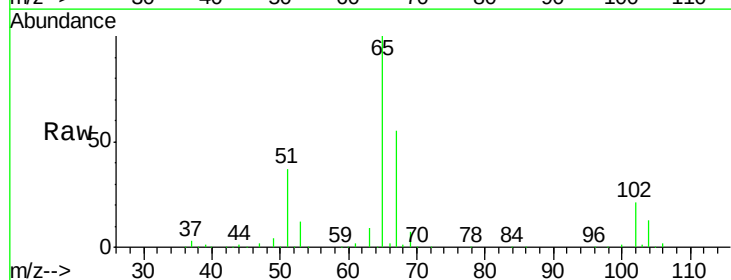
Acq: 20 Jul 2018 18:57

Tgt Ion: 65 Resp: 413211

Ion Ratio Lower Upper

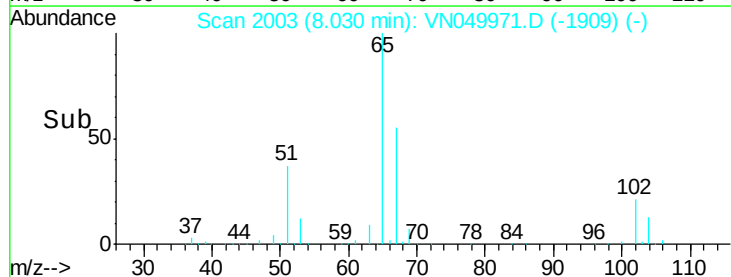
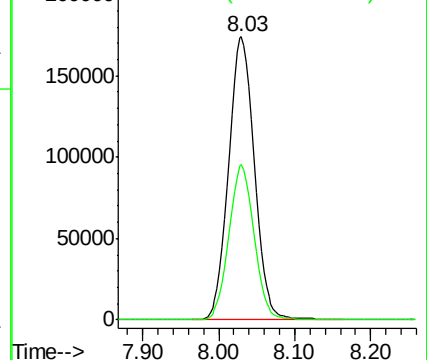
65 100

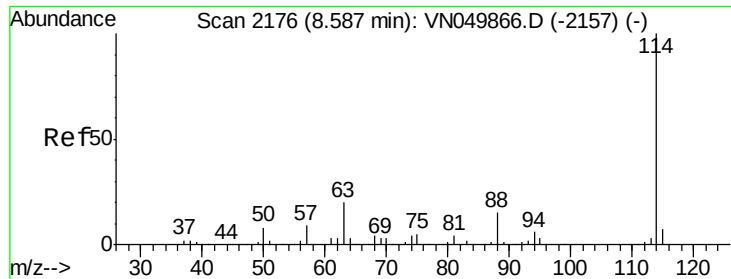
67 53.4 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VN049866.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN049866.D (-1983) (-)





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049971.D

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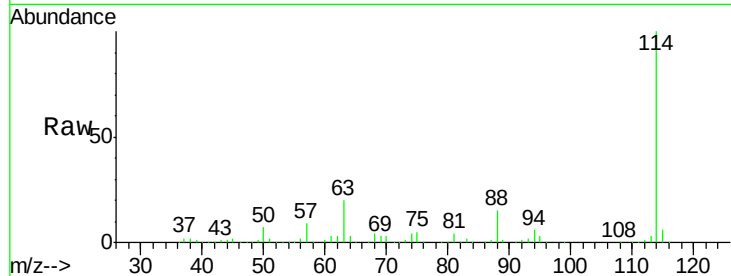
Tot Ion:114 Resp: 949775

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.8

88 15.4 0.0 30.6



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

400000

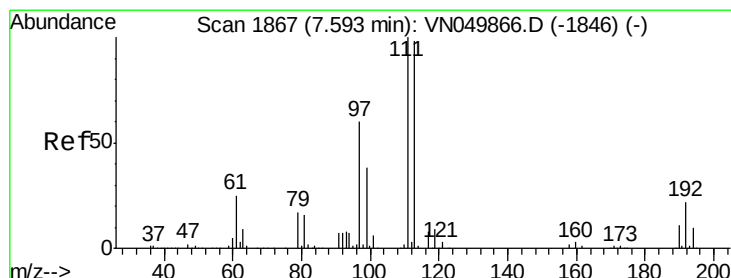
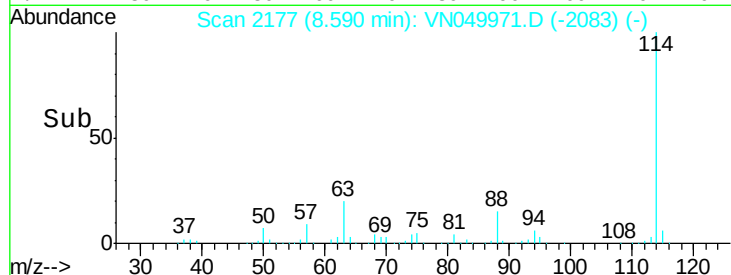
300000

200000

100000

0

Time-->



#35

Dibromofluoromethane

Concen: 45.00 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN049971.D

Acq: 20 Jul 2018 18:57

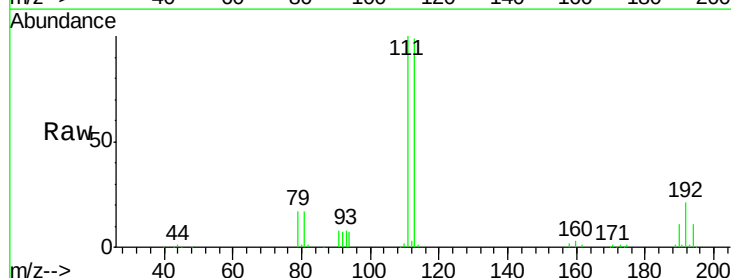
Tgt Ion:113 Resp: 358774

Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.8

192 22.1 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

7.59

200000

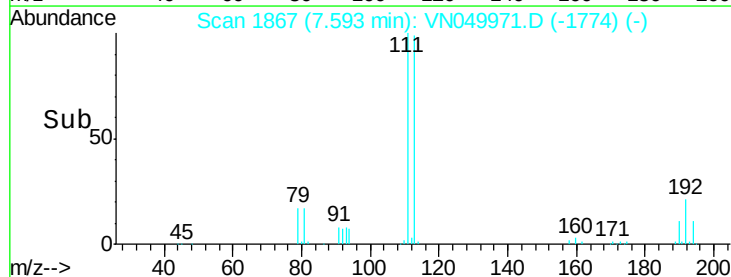
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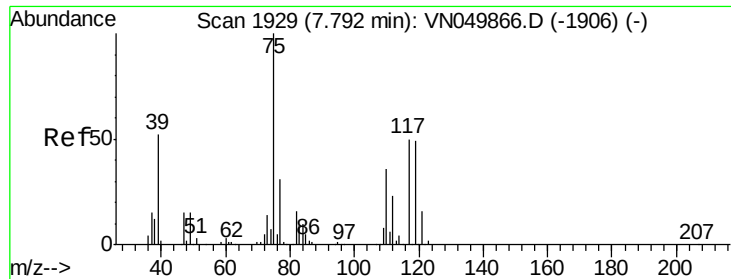
100000

50000

0

Time-->





#36

1,1-Dichloropropene

Concen: 3.73 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN049971.D

Acq: 20 Jul 2018 18:57

Instrument :

MSVOA_N

ClientSampleId :

PB111289ZHE#11

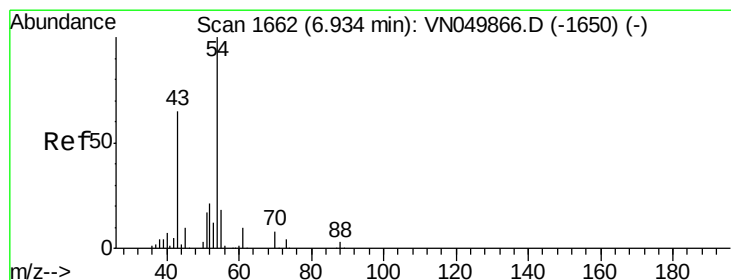
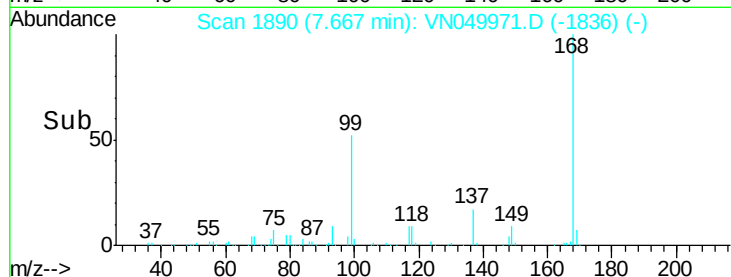
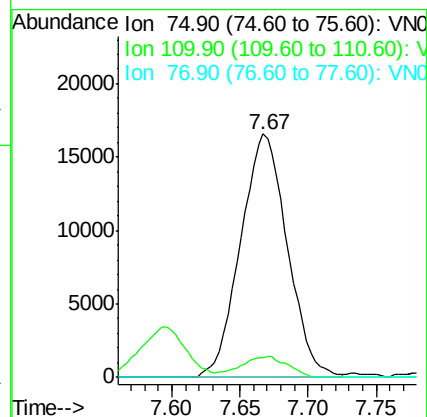
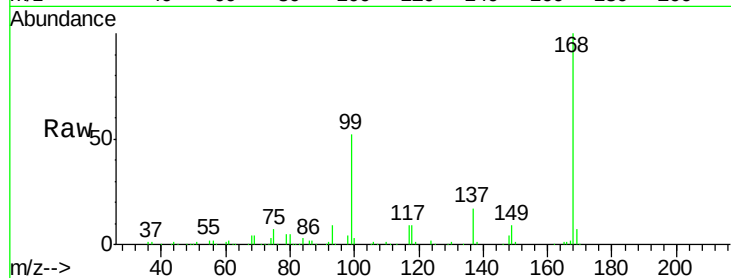
Tot Ion: 75 Resp: 39406

Ion Ratio Lower Upper

75 100

110 8.5 18.1 54.4#

77 0.0 24.9 37.3#



#37

Ethyl Acetate

Concen: 1.68 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. -0.09 min

Lab File: VN049971.D

Acq: 20 Jul 2018 18:57

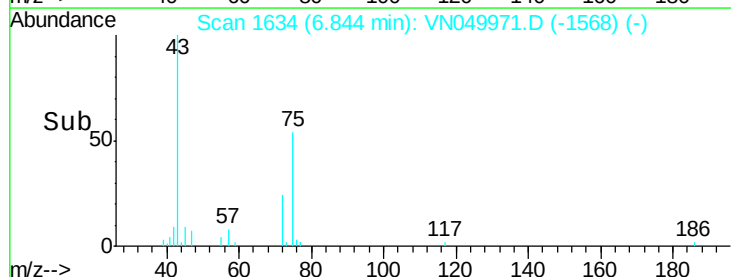
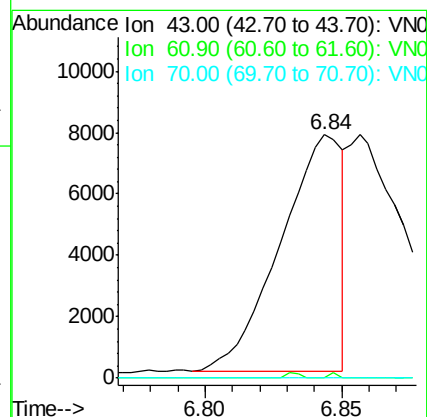
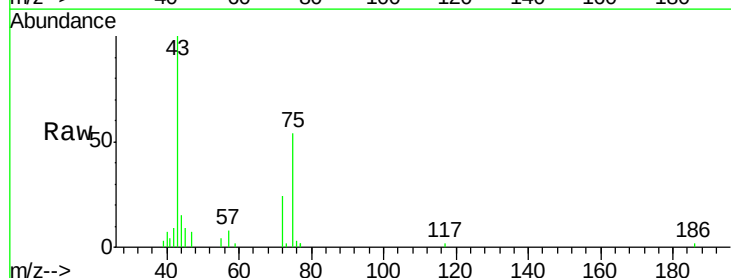
Tgt Ion: 43 Resp: 12160

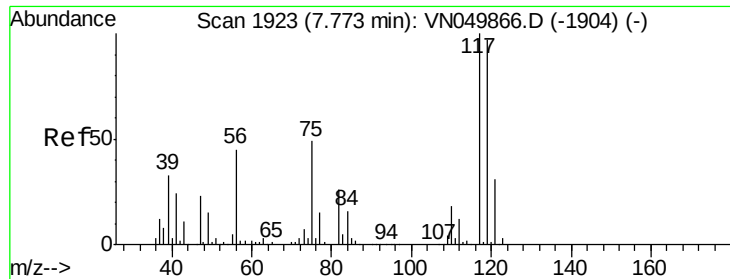
Ion Ratio Lower Upper

43 100

61 0.3 11.7 17.5#

70 0.0 8.4 12.6#





#38

Carbon Tetrachloride

Concen: 4.49 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN049971.D

Acq: 20 Jul 2018 18:57

Instrument :

MSVOA_N

ClientSampleId :

PB111289ZHE#11

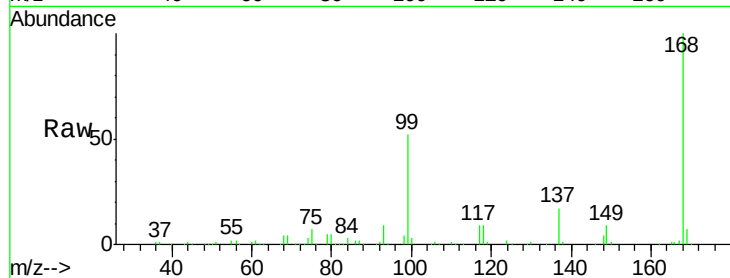
Tot Ion:117 Resp: 50768

Ion Ratio Lower Upper

117 100

119 6.7 77.2 115.8#

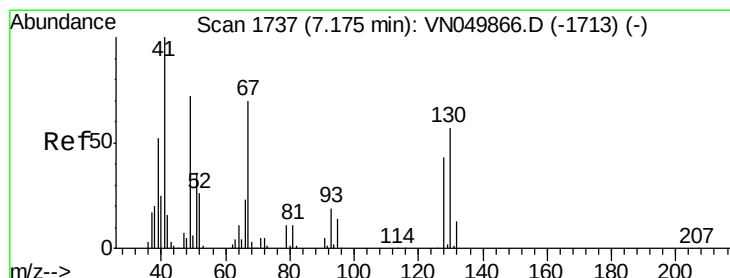
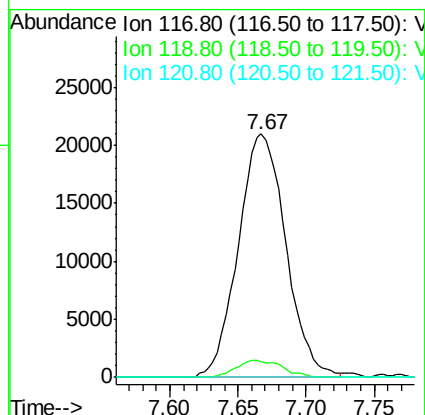
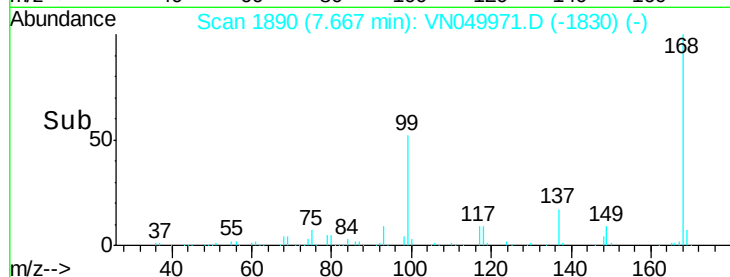
121 0.0 25.0 37.6#



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: 2.55 ug/l

RT: 7.22 min Scan# 1751

Delta R.T. 0.04 min

Lab File: VN049971.D

Acq: 20 Jul 2018 18:57

Tgt Ion: 41 Resp: 9257

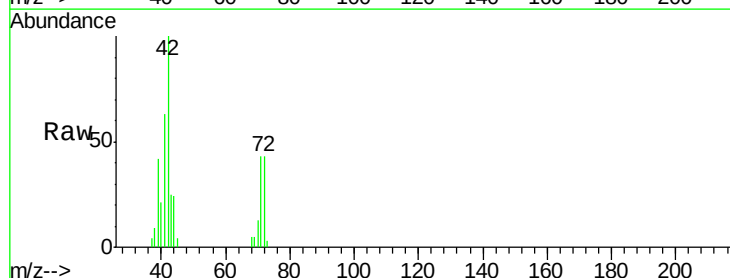
Ion Ratio Lower Upper

41 100

39 61.2 45.4 68.2

67 0.0 65.4 98.0#

52 0.0 24.7 37.1#

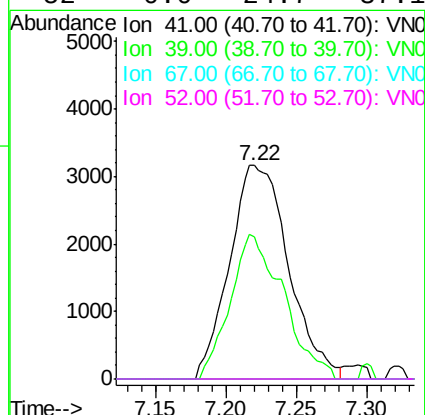
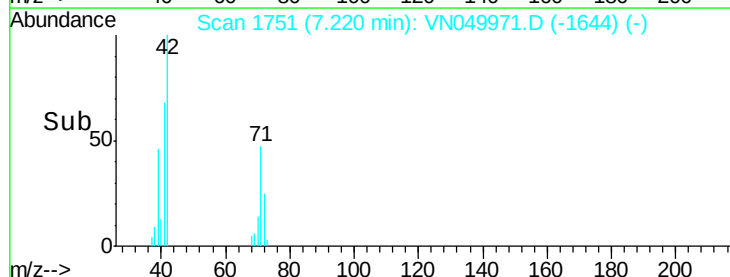


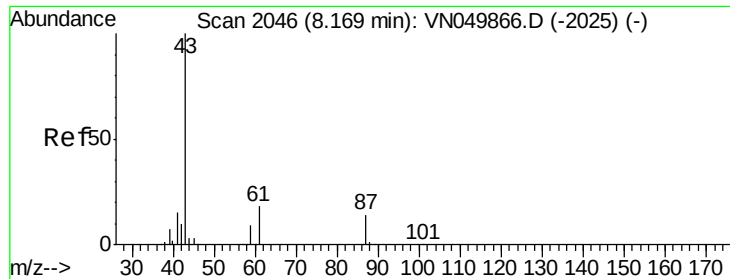
Abundance Ion 41.00 (40.70 to 41.70): V

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: 27.32 ug/l

RT: 8.17 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VN049971.D

Acq: 20 Jul 2018 18:57

Instrument :

MSVOA_N

ClientSampleId :

PB111289ZHE#11

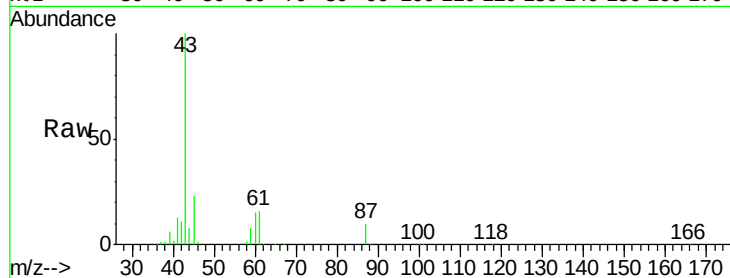
Tot Ion: 43 Resp: 346169

Ion Ratio Lower Upper

43 100

61 14.5 14.9 22.3#

87 8.9 10.0 15.0#

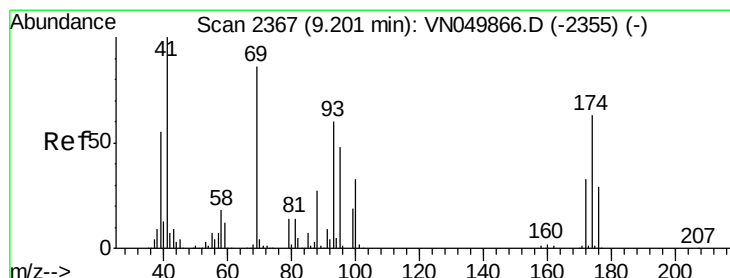
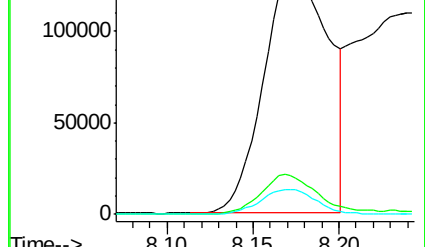
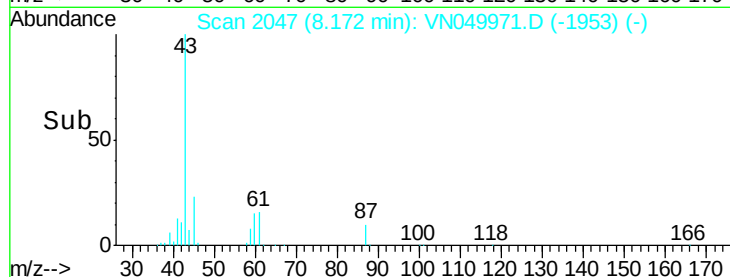


Abundance Ion 43.00 (42.70 to 43.70): VN049971.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN049971.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN049971.D (-1953) (-)

Time-->



#48

Methyl methacrylate

Concen: 1.31 ug/l

RT: 9.19 min Scan# 2363

Delta R.T. -0.01 min

Lab File: VN049971.D

Acq: 20 Jul 2018 18:57

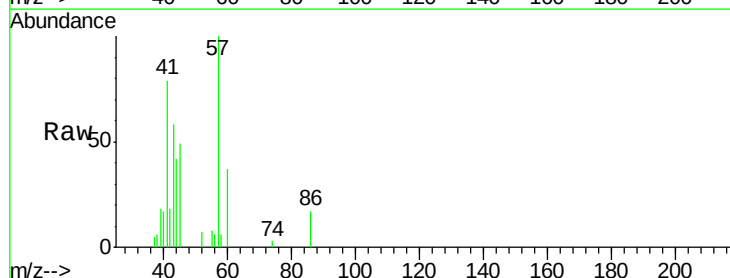
Tgt Ion: 41 Resp: 8349

Ion Ratio Lower Upper

41 100

69 0.0 71.5 107.3#

39 22.9 44.7 67.1#

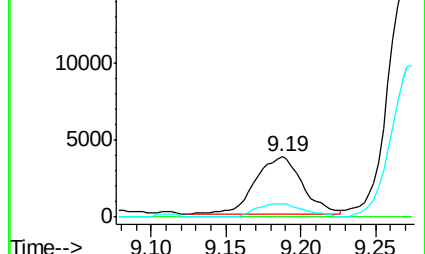
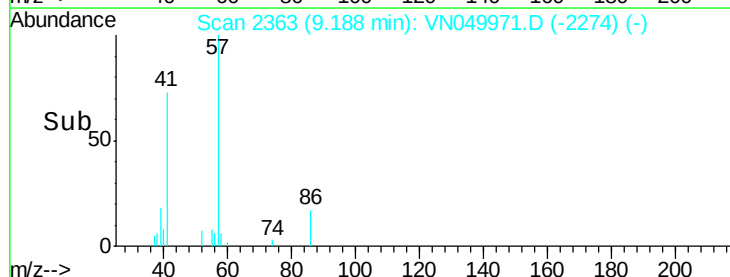


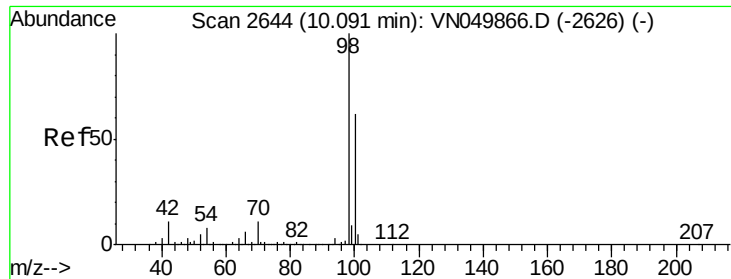
Abundance Ion 41.00 (40.70 to 41.70): VN049971.D (-2274) (-)

Ion 69.00 (68.70 to 69.70): VN049971.D (-2274) (-)

Ion 39.00 (38.70 to 39.70): VN049971.D (-2274) (-)

Time-->





#50

Toluene-d8

Concen: 43.50 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049971.D

Acq: 20 Jul 2018 18:57

Instrument :

MSVOA_N

ClientSampleId :

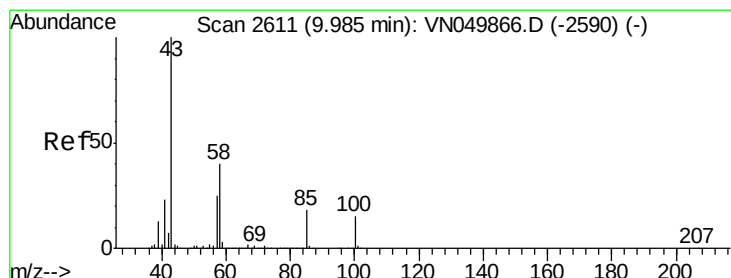
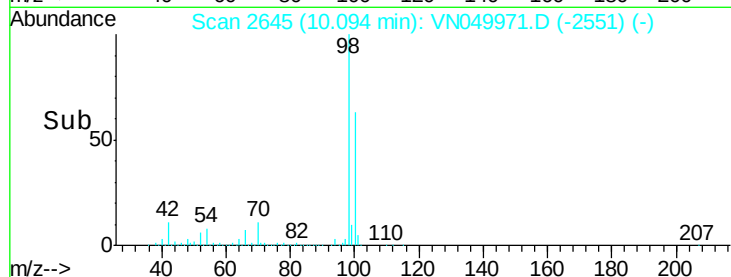
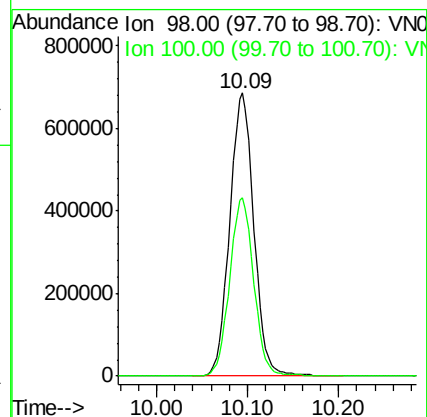
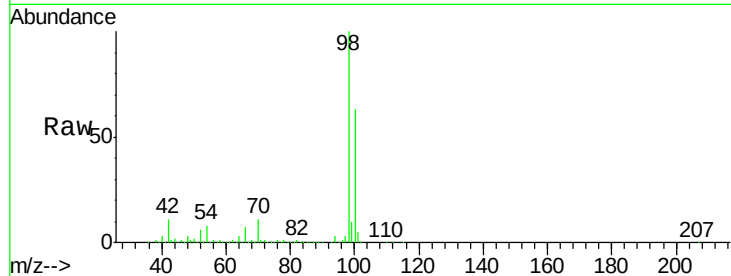
PB111289ZHE#11

Tot Ion: 98 Resp: 1263597

Ion Ratio Lower Upper

98 100

100 63.0 51.7 77.5



#51

4-Methyl-2-Pentanone

Concen: 0.26 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN049971.D

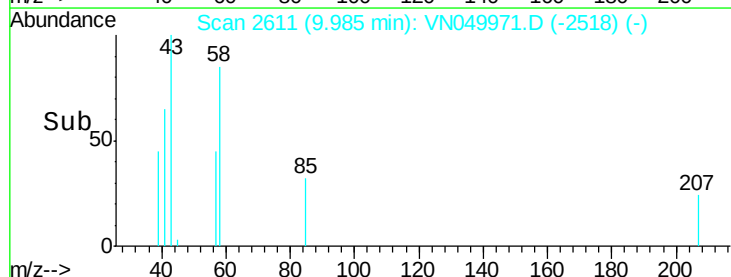
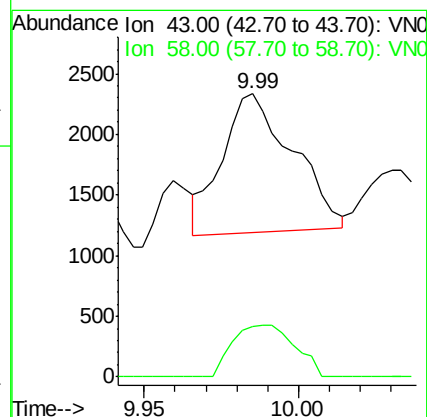
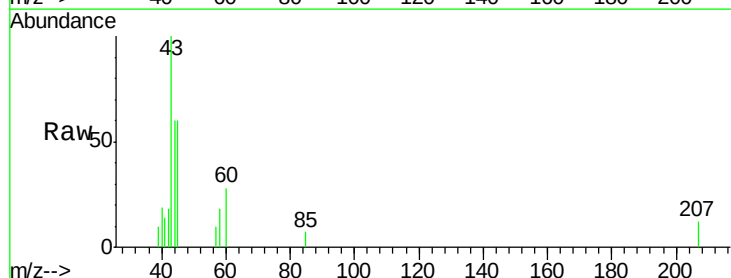
Acq: 20 Jul 2018 18:57

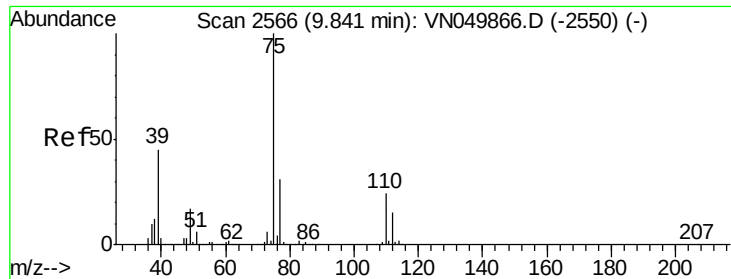
Tgt Ion: 43 Resp: 1811

Ion Ratio Lower Upper

43 100

58 33.1 31.8 47.8





#54

cis-1,3-Dichloropropene

Concen: 0.21 ug/l

RT: 9.91 min Scan# 2587

Delta R.T. 0.07 min

Lab File: VN049971.D

Acq: 20 Jul 2018 18:57

Instrument :

MSVOA_N

ClientSampleId :

PB111289ZHE#11

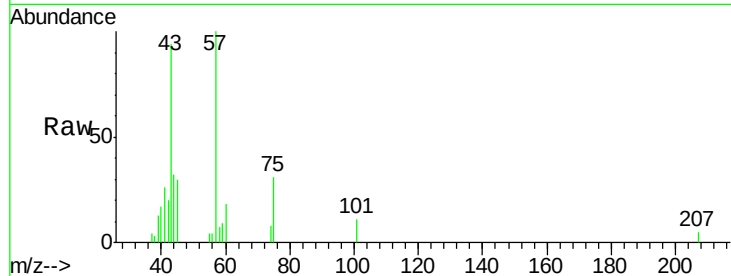
Tot Ion: 75 Resp: 2515

Ion Ratio Lower Upper

75 100

77 0.0 25.3 37.9#

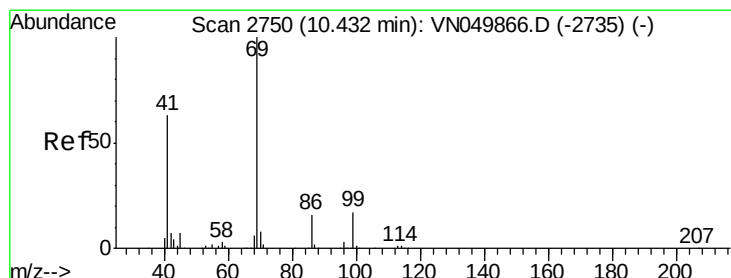
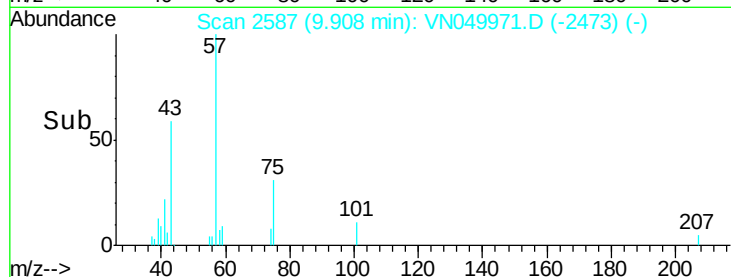
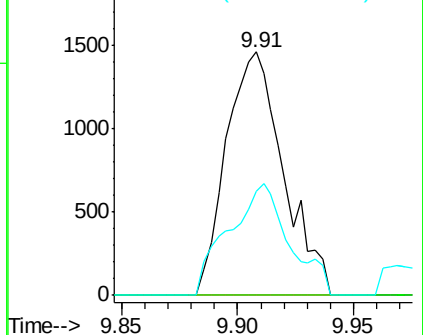
39 42.8 35.5 53.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#56

Ethyl methacrylate

Concen: 2.23 ug/l

RT: 10.63 min Scan# 2813

Delta R.T. 0.20 min

Lab File: VN049971.D

Acq: 20 Jul 2018 18:57

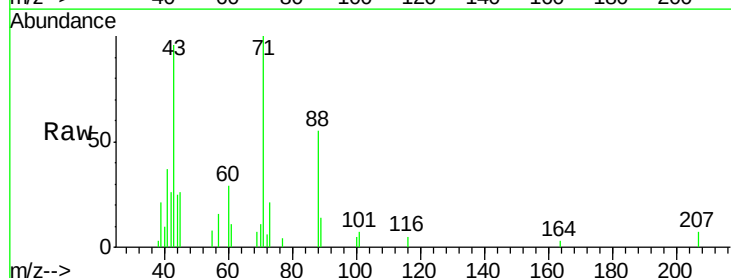
Tgt Ion: 69 Resp: 820

Ion Ratio Lower Upper

69 100

41 702.4 51.6 77.4#

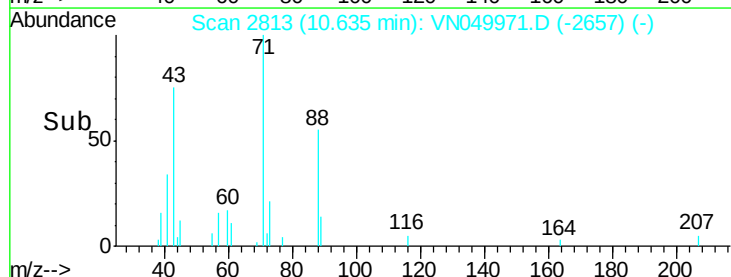
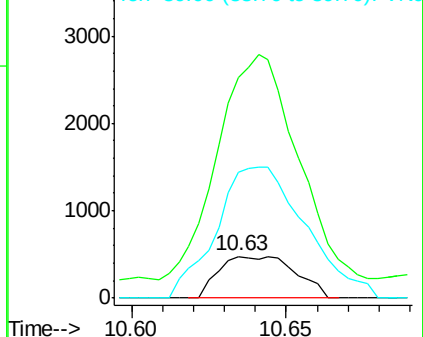
39 367.3 25.8 38.8#

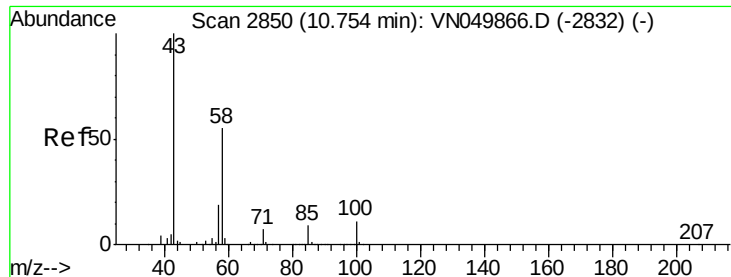


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#59

2-Hexanone

Concen: 4.38 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN049971.D

Acq: 20 Jul 2018 18:57

Instrument :

MSVOA_N

ClientSampleId :

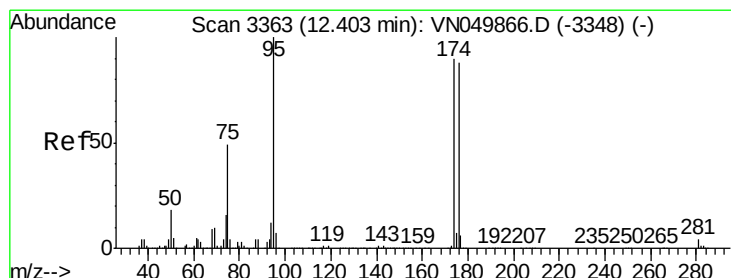
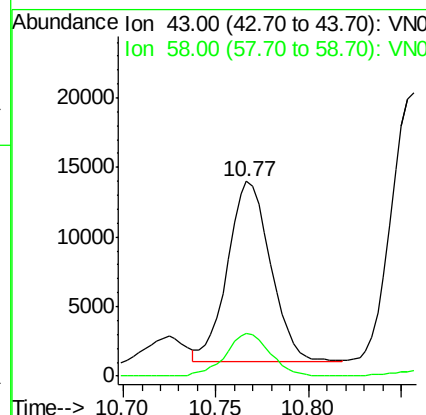
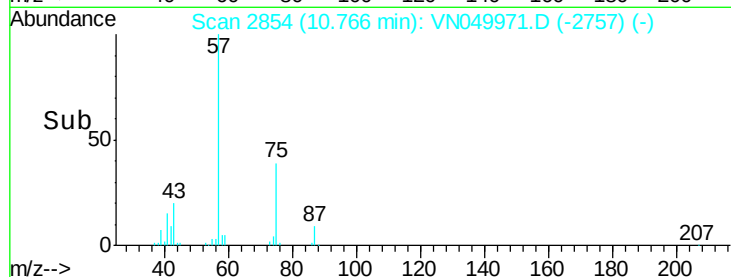
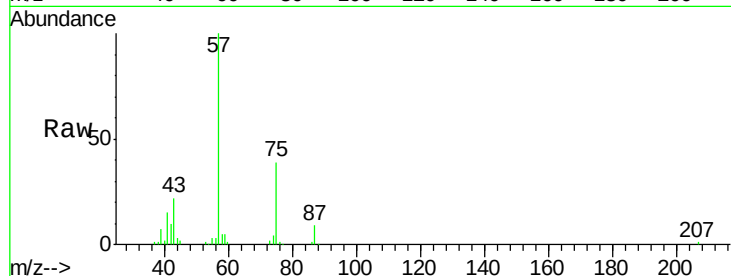
PB111289ZHE#11

Tot Ion: 43 Resp: 20838

Ion Ratio Lower Upper

43 100

58 24.6 27.8 83.4#



#62

4-Bromofluorobenzene

Concen: 34.41 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049971.D

Acq: 20 Jul 2018 18:57

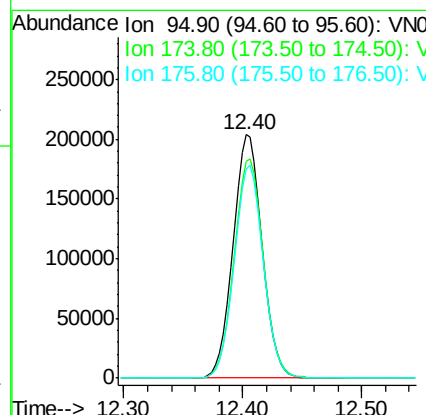
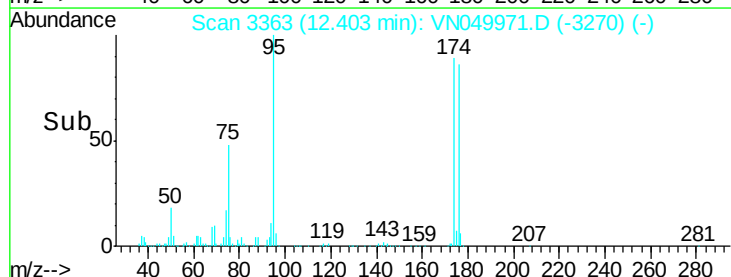
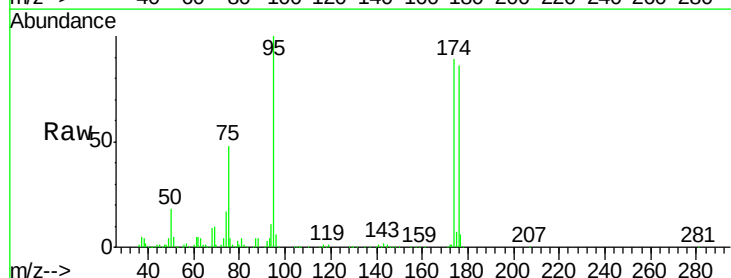
Tgt Ion: 95 Resp: 344315

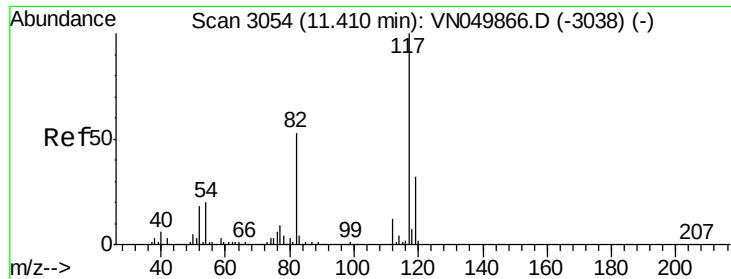
Ion Ratio Lower Upper

95 100

174 91.1 0.0 179.6

176 87.1 0.0 174.0

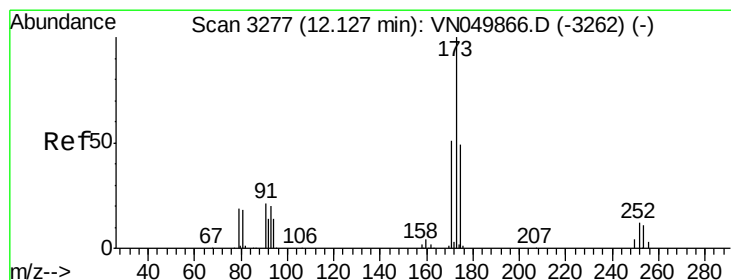
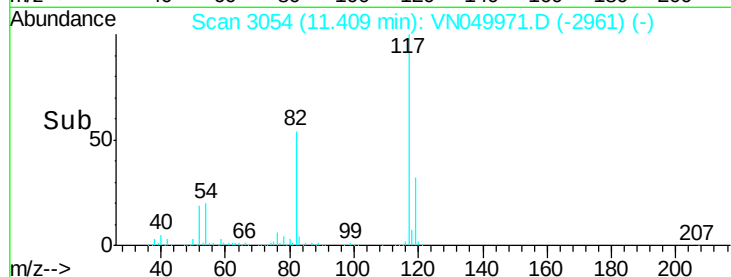
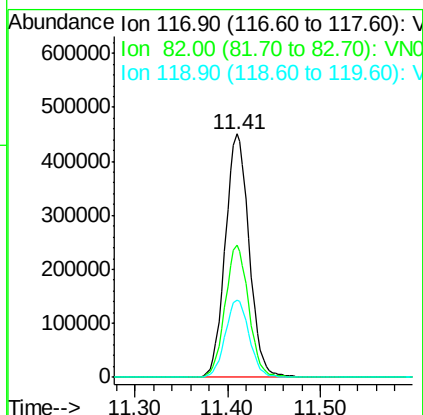
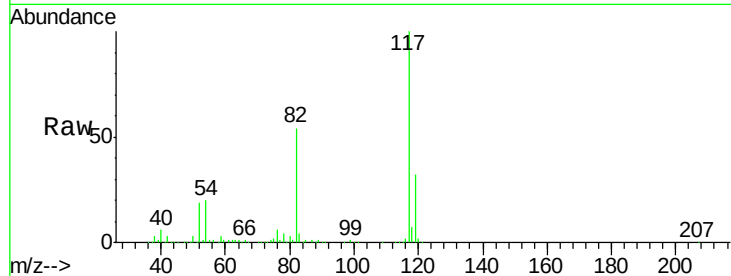




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049971.D
Acq: 20 Jul 2018 18:57

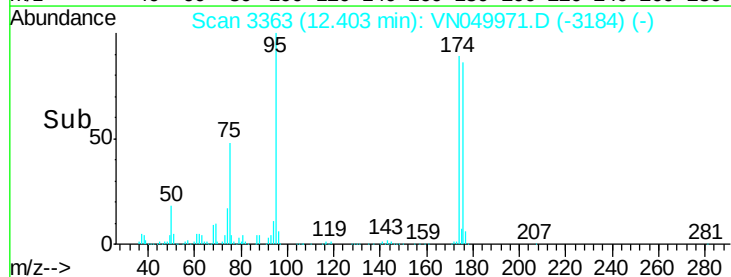
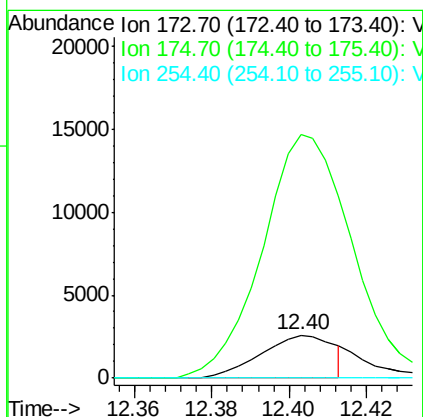
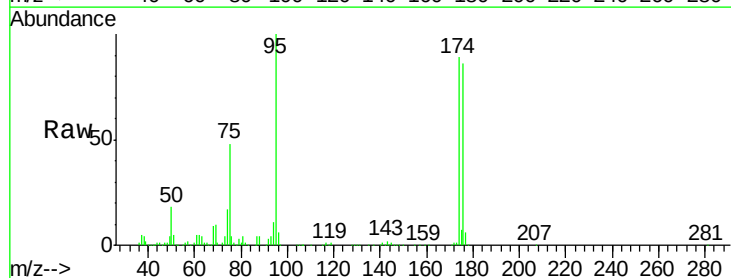
Instrument :
MSVOA_N
ClientSampleId :
PB111289ZHE#11

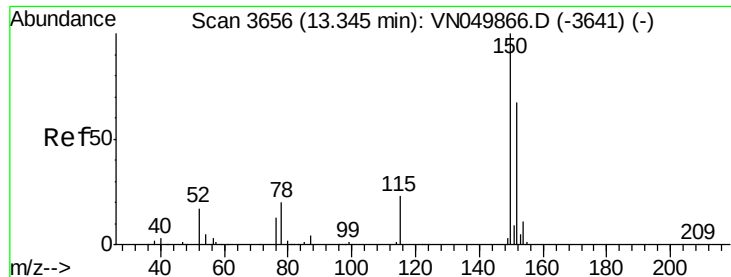
Tot Ion:117 Resp: 803416
Ion Ratio Lower Upper
117 100
82 54.2 41.9 62.9
119 32.0 25.4 38.2



#71
Bromoform
Concen: 0.61 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.28 min
Lab File: VN049971.D
Acq: 20 Jul 2018 18:57

Tgt Ion:173 Resp: 3386
Ion Ratio Lower Upper
173 100
175 562.9 24.6 73.8#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049971.D

Acq: 20 Jul 2018 18:57

Instrument :

MSVOA_N

ClientSampleId :

PB111289ZHE#11

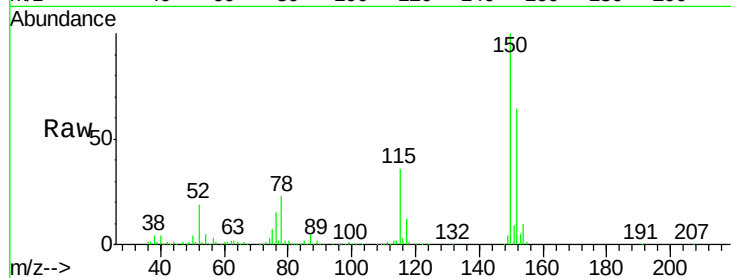
Tot Ion:152 Resp: 288394

Ion Ratio Lower Upper

152 100

115 55.9 28.1 84.2

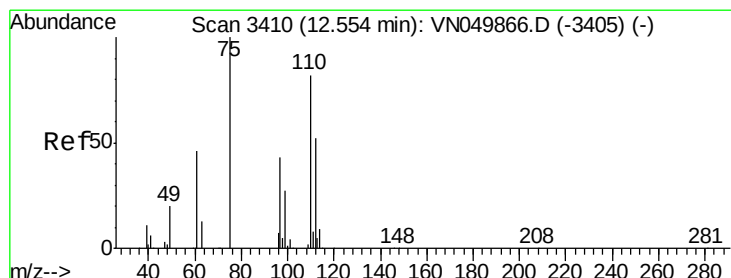
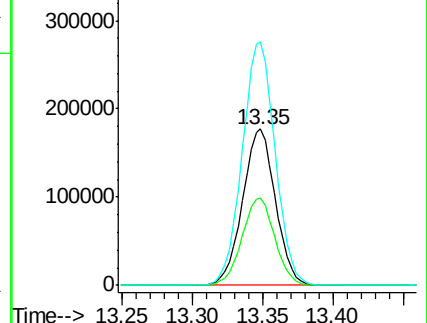
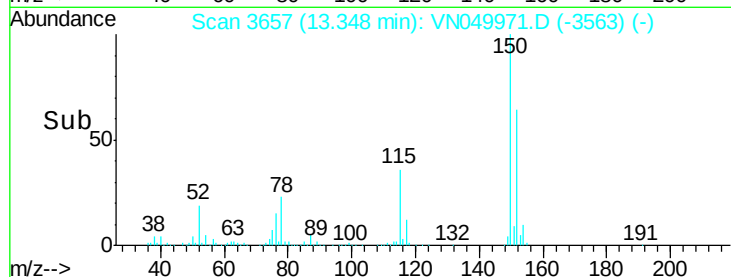
150 156.6 0.0 347.6



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



#76

1,2,3-Trichloropropane

Concen: 31.12 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049971.D

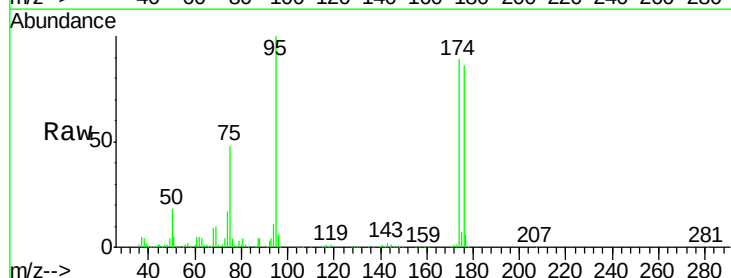
Acq: 20 Jul 2018 18:57

Tgt Ion: 75 Resp: 168339

Ion Ratio Lower Upper

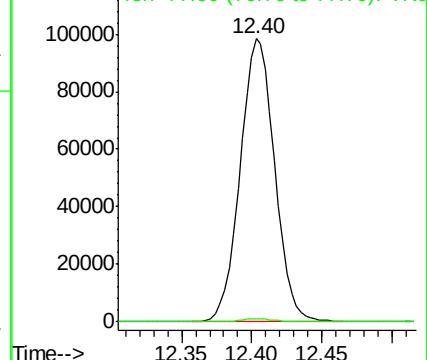
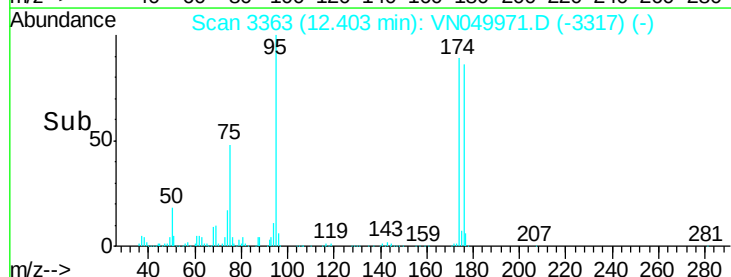
75 100

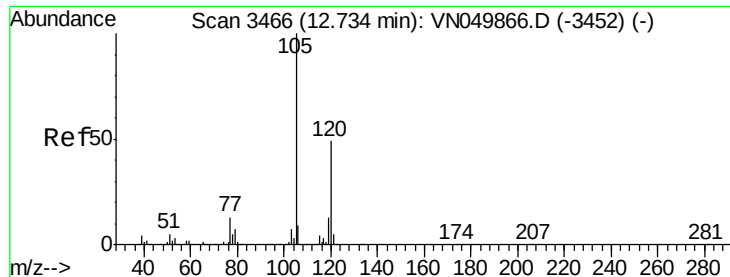
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#80

1,3,5-Trimethylbenzene

Concen: 0.30 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN049971.D

Acq: 20 Jul 2018 18:57

Instrument :

MSVOA_N

ClientSampleId :

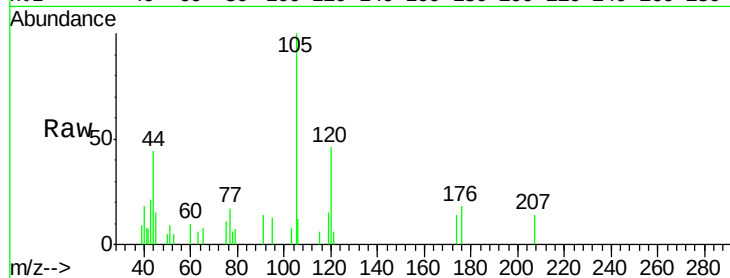
PB111289ZHE#11

Tot Ion:105 Resp: 5313

Ion Ratio Lower Upper

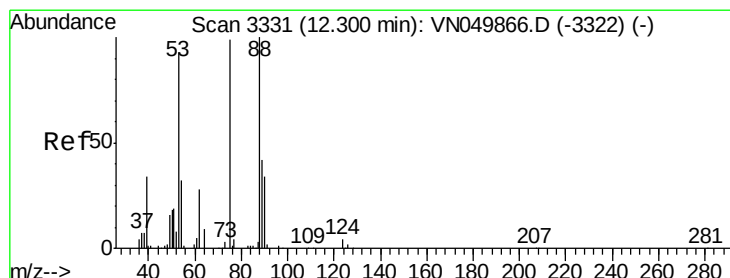
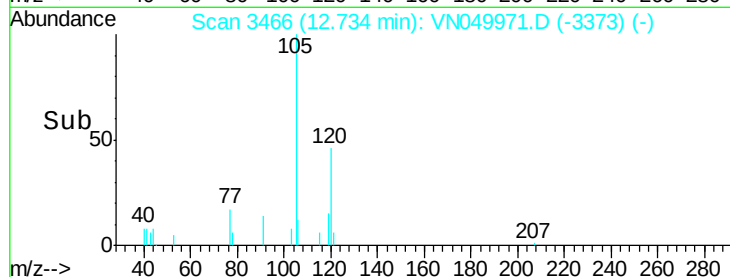
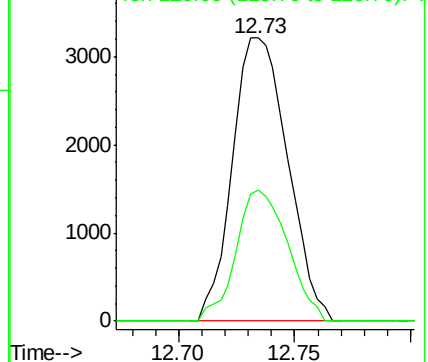
105 100

120 43.4 24.3 72.8



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: 97.30 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049971.D

Acq: 20 Jul 2018 18:57

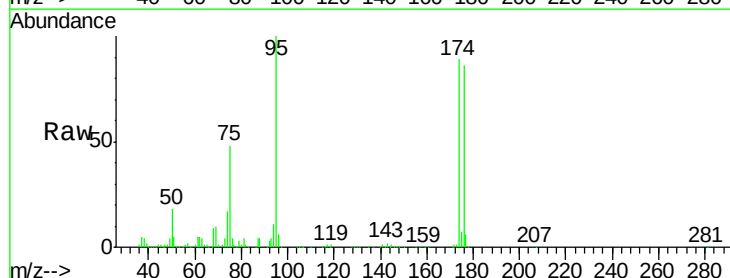
Tgt Ion: 75 Resp: 168339

Ion Ratio Lower Upper

75 100

53 0.3 73.9 110.9#

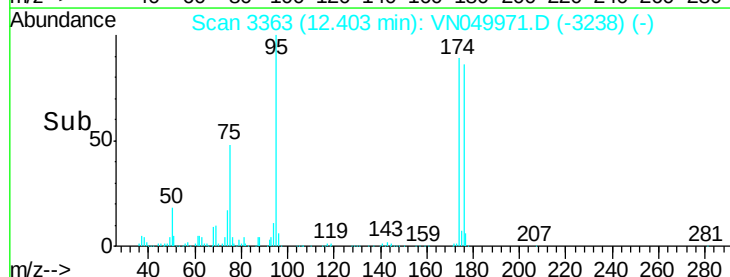
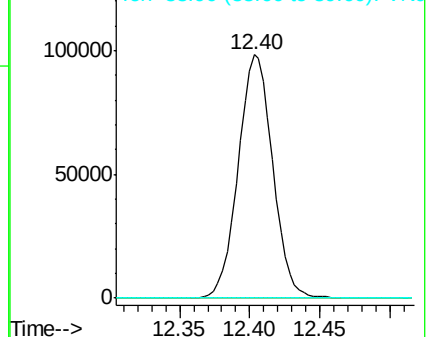
89 0.0 35.9 53.9#

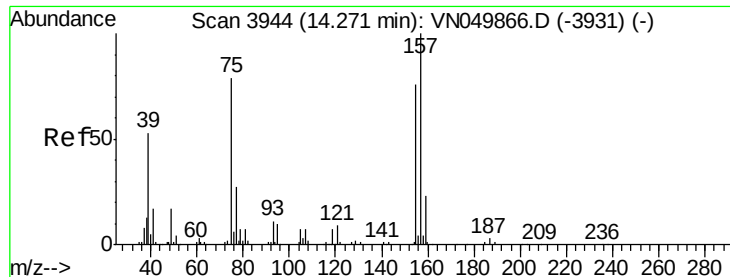


Abundance Ion 74.90 (74.60 to 75.60): VNO

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: 0.28 ug/l

RT: 14.26 min Scan# 3940

Delta R.T. -0.01 min

Lab File: VN049971.D

Acq: 20 Jul 2018 18:57

Instrument :

MSVOA_N

ClientSampleId :

PB111289ZHE#11

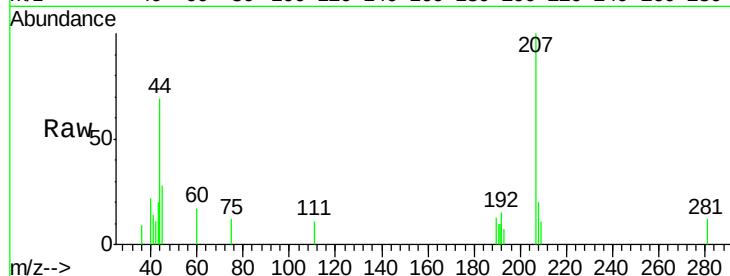
Tot Ion: 75 Resp: 285

Ion Ratio Lower Upper

75 100

155 0.0 45.7 137.1#

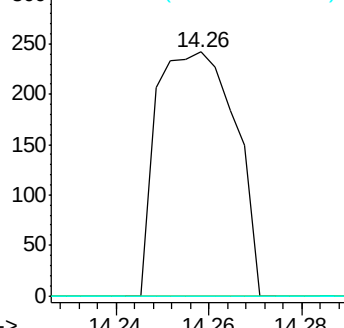
157 0.0 56.9 170.7#



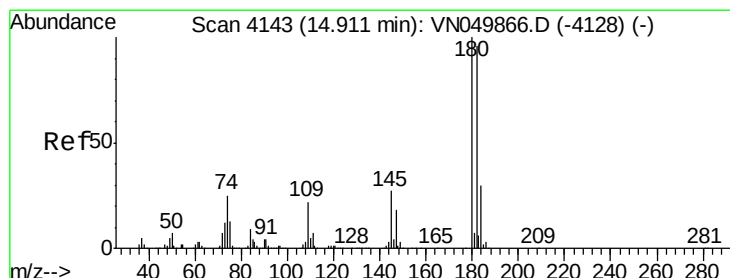
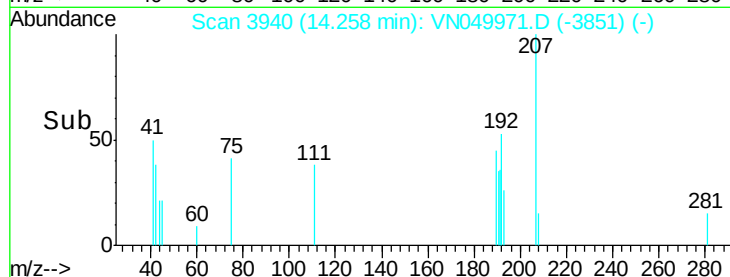
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 3.49 ug/l

RT: 14.91 min Scan# 4143

Delta R.T. -0.00 min

Lab File: VN049971.D

Acq: 20 Jul 2018 18:57

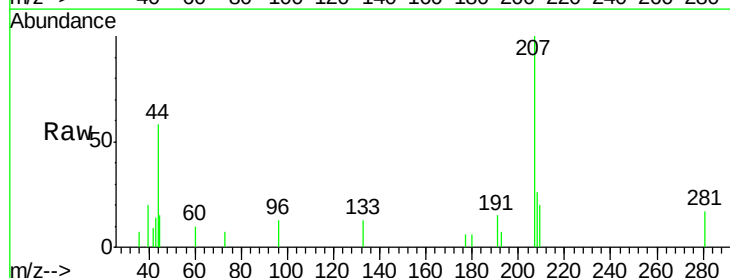
Tgt Ion: 180 Resp: 63

Ion Ratio Lower Upper

180 100

182 0.0 47.3 141.9#

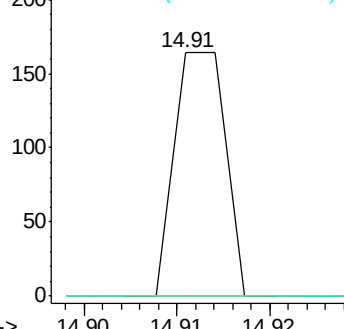
145 0.0 14.4 43.0#



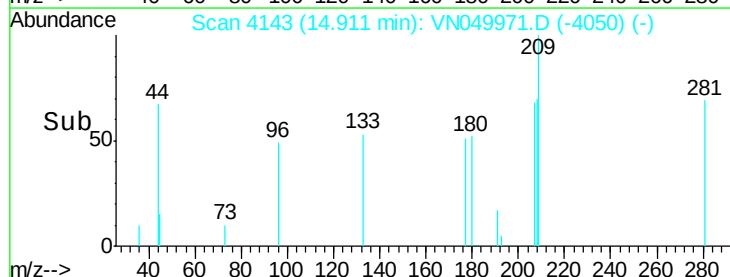
Abundance Ion 179.80 (179.50 to 180.50): V

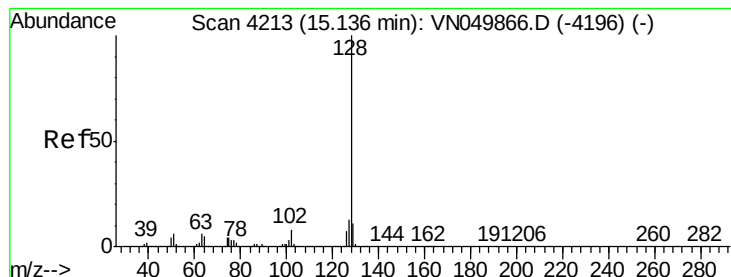
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



Time-->





#95

Naphthalene

Concen: 4.51 ug/l

RT: 15.13 min Scan# 4211

Delta R.T. -0.01 min

Lab File: VN049971.D

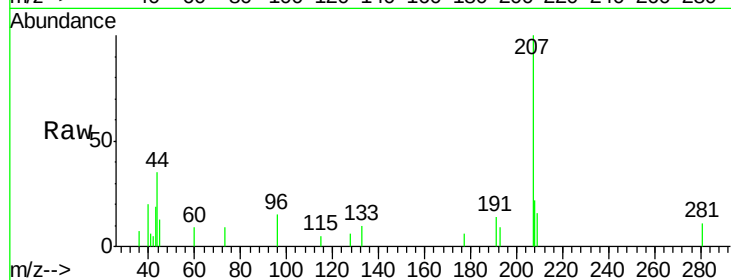
Acq: 20 Jul 2018 18:57

Instrument :

MSVOA_N

ClientSampleId :

PB111289ZHE#11



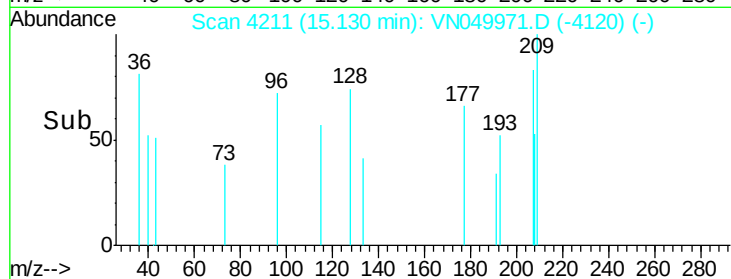
Tot Ion:128 Resp: 236

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.6 13.0#



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

