

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071918\
 Data File : VN049944.D
 Acq On : 20 Jul 2018 4:06
 Operator : MD\SY
 Sample : J4030-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB9-12-0

Quant Time: Jul 20 05:22:45 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	578101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	971896	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	794933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	300697	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	411424	51.78	ug/l	0.00
Spiked Amount			Recovery	=	103.56%	
35) Dibromofluoromethane	7.59	113	365671	44.82	ug/l	0.00
Spiked Amount			Recovery	=	89.64%	
50) Toluene-d8	10.09	98	1290823	43.42	ug/l	0.00
Spiked Amount			Recovery	=	86.84%	
62) 4-Bromofluorobenzene	12.40	95	355114	34.68	ug/l	0.00
Spiked Amount			Recovery	=	69.36%	

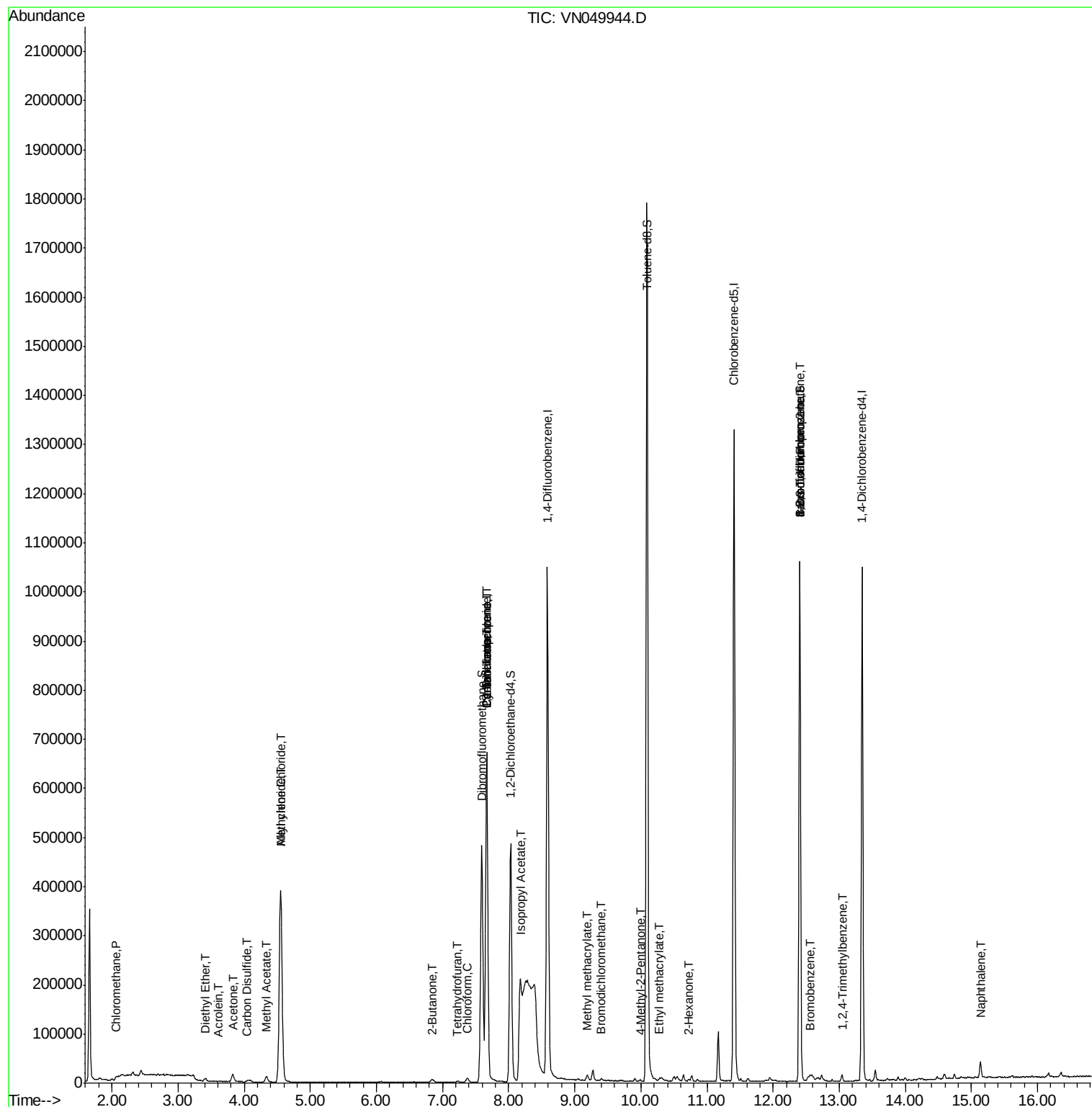
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2194	0.28	ug/l #	78
5) Bromomethane	2.57	94	116	Below Cal	#	2
8) Diethyl Ether	3.41	74	3330	0.82	ug/l	83
13) Acrolein	3.60	56	130	0.36	ug/l #	15
14) Allyl chloride	4.55	41	11676	1.18	ug/l #	24
16) Acetone	3.83	43	26386	12.83	ug/l	98
17) Carbon Disulfide	4.04	76	4871	0.26	ug/l #	75
18) Methyl Acetate	4.33	43	19590	2.24	ug/l #	73
20) Methylene Chloride	4.55	84	303770	38.83	ug/l	98
25) 2-Butanone	6.85	43	5266	1.79	ug/l	92
29) Tetrahydrofuran	7.22	42	854	0.46	ug/l #	77
30) Chloroform	7.38	83	8101	0.61	ug/l	88
31) Cyclohexane	7.67	56	10782	1.02	ug/l #	4
36) 1,1-Dichloropropene	7.67	75	40649	3.76	ug/l #	48
38) Carbon Tetrachloride	7.67	117	51795	4.47	ug/l #	16
43) Isopropyl Acetate	8.17	43	229149	17.68	ug/l #	78
47) Bromodichloromethane	9.40	83	2466	0.22	ug/l #	81
48) Methyl methacrylate	9.18	41	8255	1.27	ug/l #	16
51) 4-Methyl-2-Pentanone	9.99	43	2514	0.35	ug/l #	70
56) Ethyl methacrylate	10.26	69	250	2.18	ug/l #	76
59) 2-Hexanone	10.72	43	2532	0.52	ug/l #	24
71) Bromoform	12.40	173	2180	0.39	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	175078	31.04	ug/l #	100
77) Bromobenzene	12.55	156	6669	1.06	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.40	75	175078	97.05	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.04	105	7871	0.42	ug/l	97
95) Naphthalene	15.14	128	27439	6.24	ug/l	99

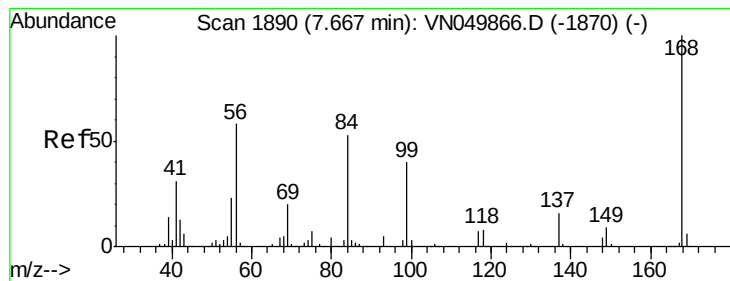
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 19 01:58:39 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049944.D

Acq: 20 Jul 2018 4:06

Instrument :

MSVOA_N

ClientSampleId :

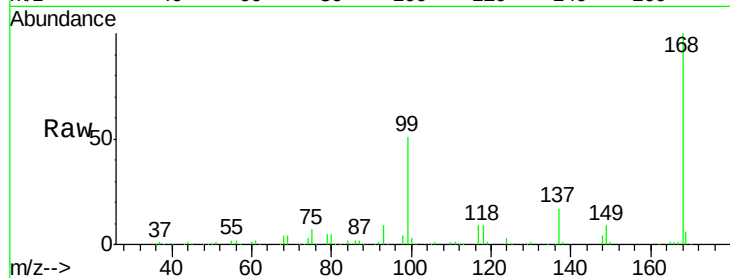
SB9-12-0

Tot Ion:168 Resp: 578101

Ion Ratio Lower Upper

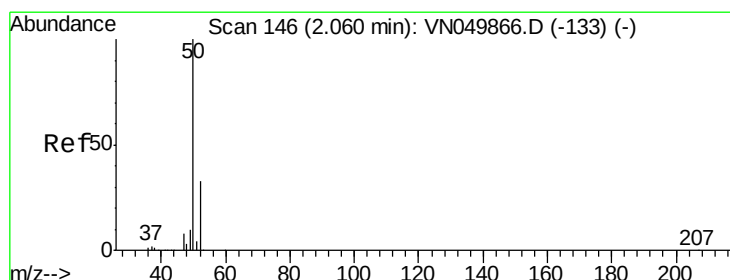
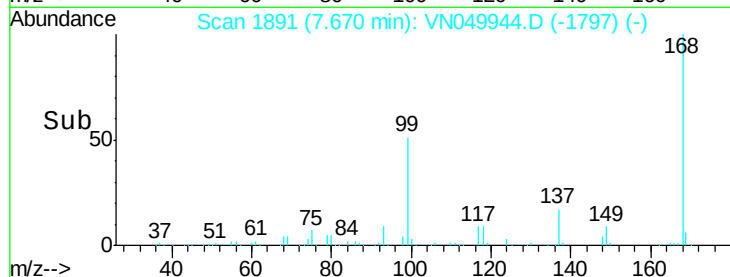
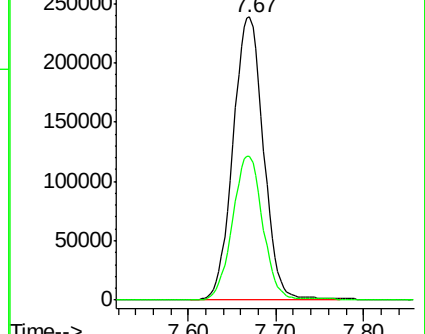
168 100

99 50.7 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.28 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN049944.D

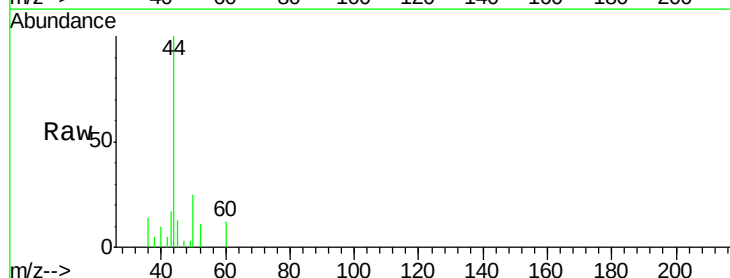
Acq: 20 Jul 2018 4:06

Tgt Ion: 50 Resp: 2194

Ion Ratio Lower Upper

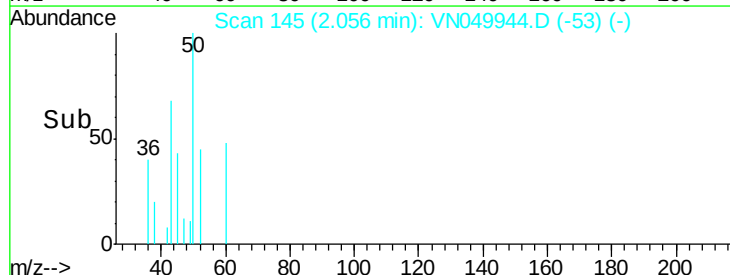
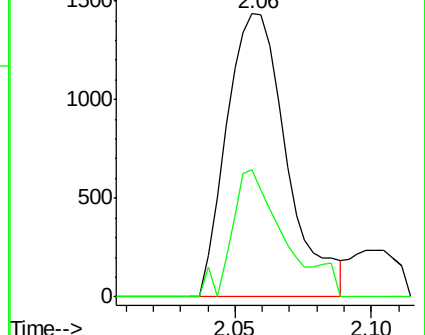
50 100

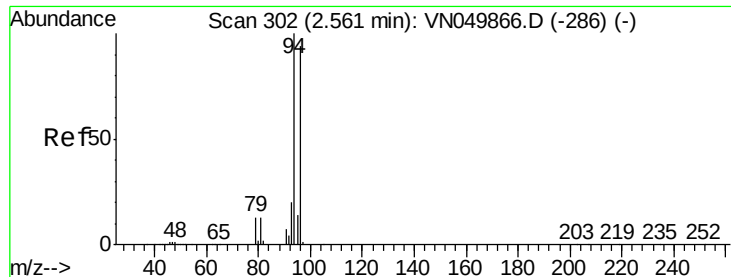
52 44.8 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN049944.D

Acq: 20 Jul 2018 4:06

Instrument :

MSVOA_N

ClientSampleId :

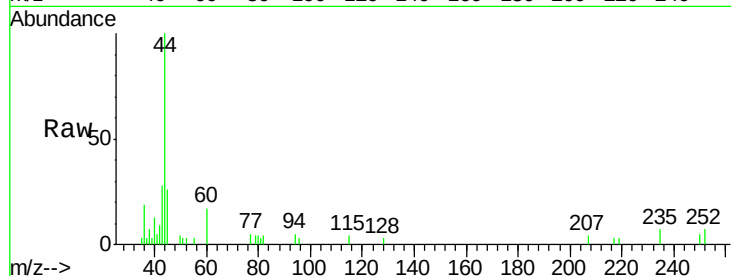
SB9-12-0

Tot Ion: 94 Resp: 116

Ion Ratio Lower Upper

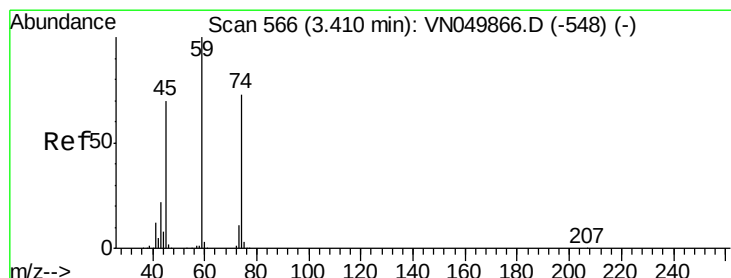
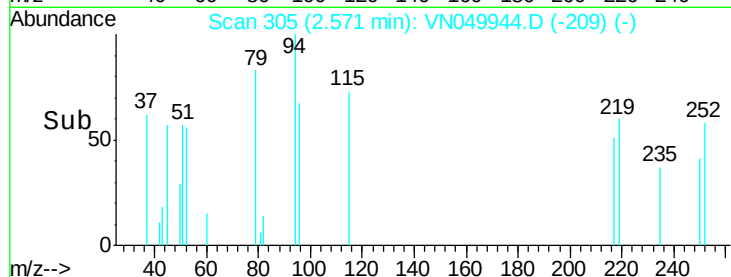
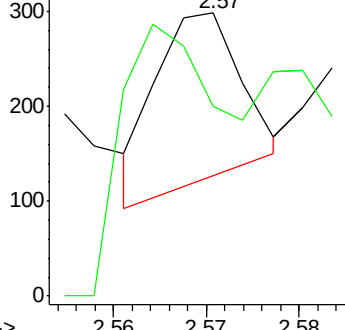
94 100

96 0.0 75.7 113.5#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#8

Diethyl Ether

Concen: 0.82 ug/l

RT: 3.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN049944.D

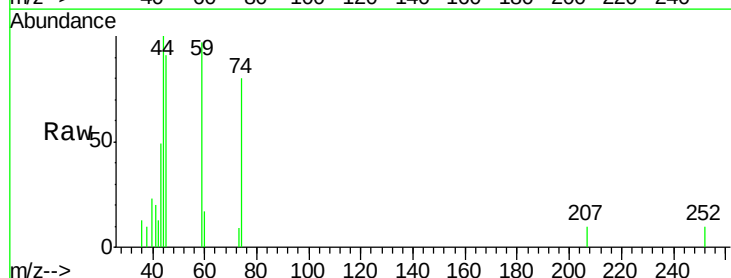
Acq: 20 Jul 2018 4:06

Tgt Ion: 74 Resp: 3330

Ion Ratio Lower Upper

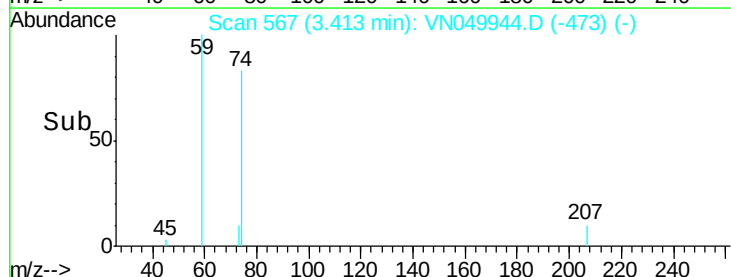
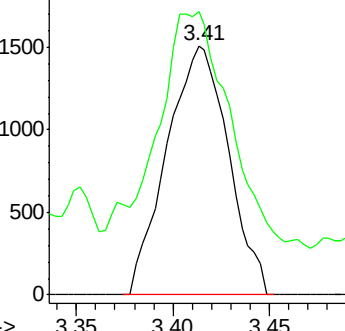
74 100

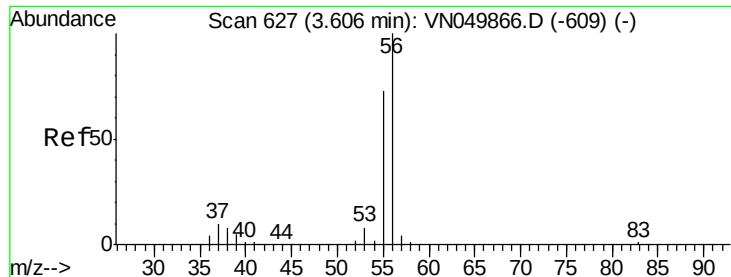
45 113.0 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0





#13

Acrolein

Concen: 0.36 ug/l

RT: 3.60 min Scan# 626

Delta R.T. -0.00 min

Lab File: VN049944.D

Acq: 20 Jul 2018 4:06

Instrument :

MSVOA_N

ClientSampleId :

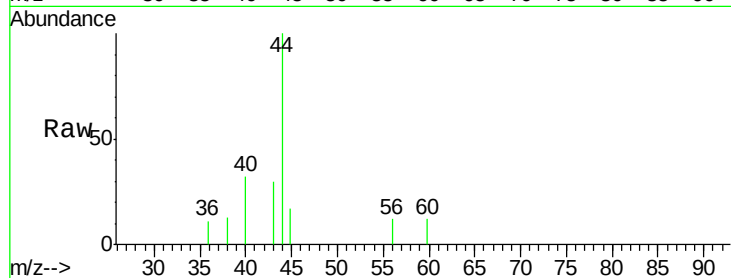
SB9-12-0

Tot Ion: 56 Resp: 130

Ion Ratio Lower Upper

56 100

55 0.0 55.8 83.8#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.60

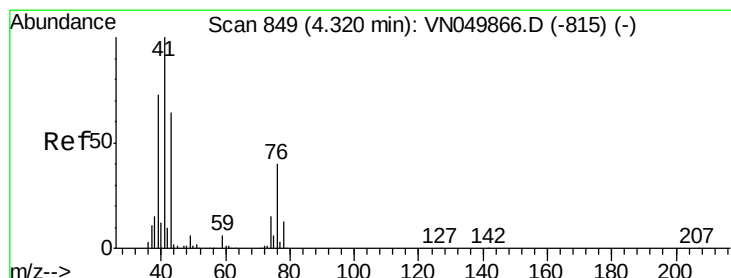
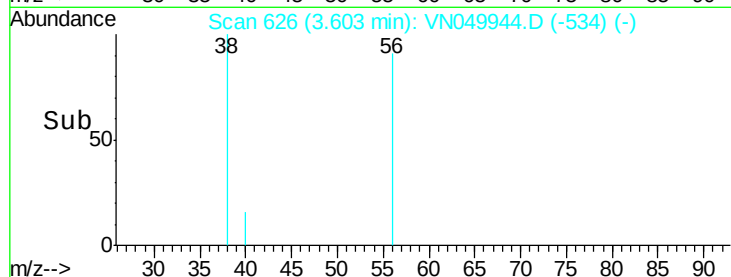
150

100

50

0

Time-->



#14

Allyl chloride

Concen: 1.18 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.23 min

Lab File: VN049944.D

Acq: 20 Jul 2018 4:06

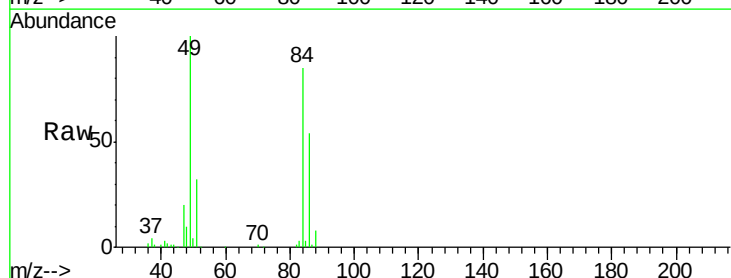
Tgt Ion: 41 Resp: 11676

Ion Ratio Lower Upper

41 100

39 0.0 53.2 79.8#

76 0.0 29.0 43.6#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.55

4000

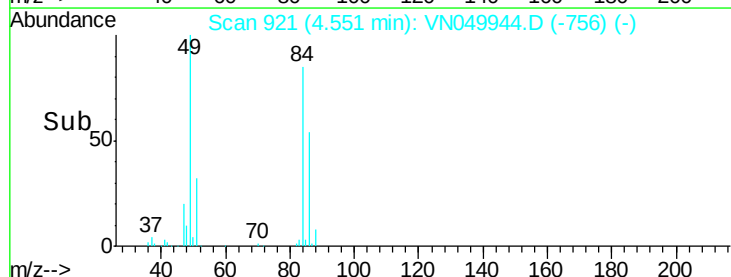
3000

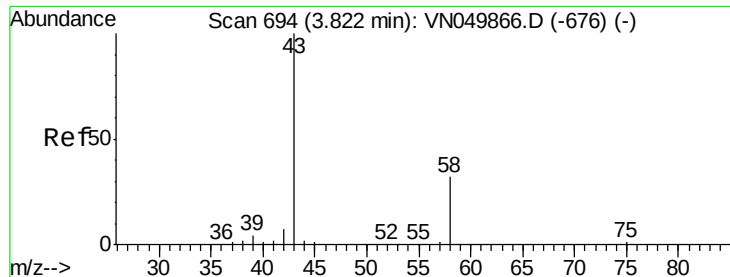
2000

1000

0

Time-->





#16

Acetone

Concen: 12.83 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049944.D

Acq: 20 Jul 2018 4:06

Instrument :

MSVOA_N

ClientSampled :

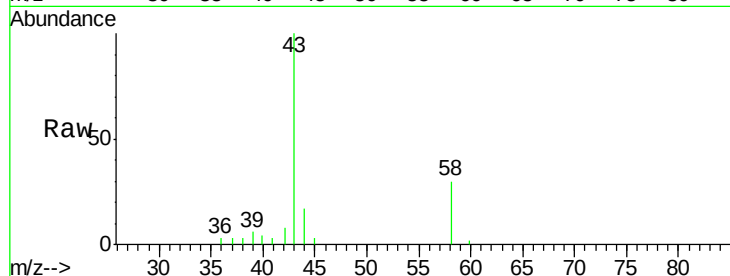
SB9-12-0

Tot Ion: 43 Resp: 26386

Ion Ratio Lower Upper

43 100

58 31.1 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN049866.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN049866.D (-676) (-)

3.83

10000

8000

6000

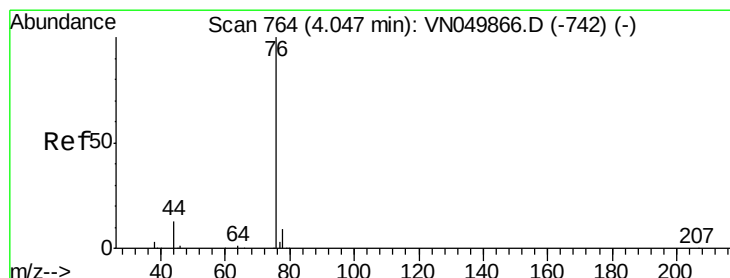
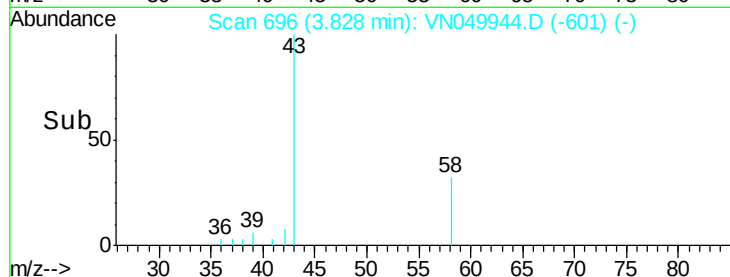
4000

2000

0

Time-->

3.70 3.80 3.90



#17

Carbon Disulfide

Concen: 0.26 ug/l

RT: 4.04 min Scan# 763

Delta R.T. -0.00 min

Lab File: VN049944.D

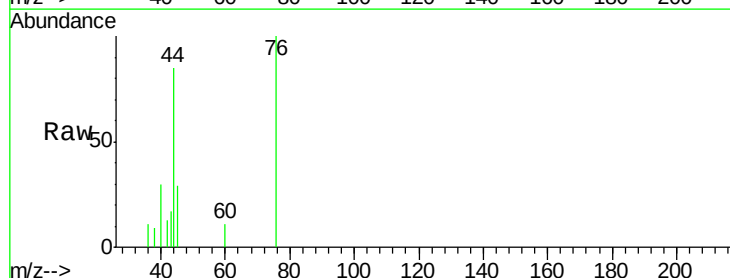
Acq: 20 Jul 2018 4:06

Tgt Ion: 76 Resp: 4871

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VN049866.D (-742) (-)

Ion 77.90 (77.60 to 78.60): VN049866.D (-742) (-)

4.04

2000

1500

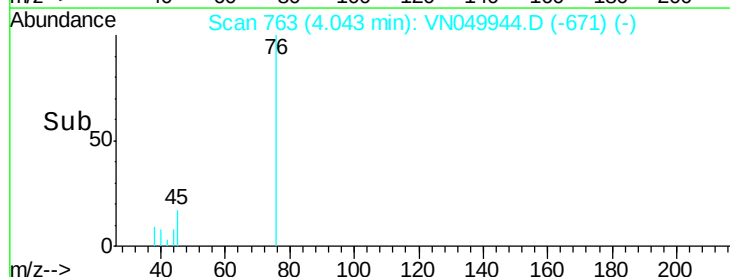
1000

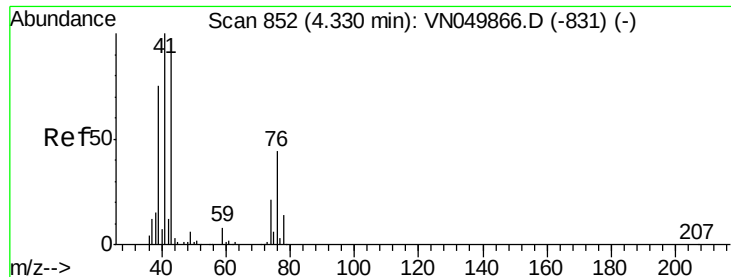
500

0

Time-->

4.00 4.05 4.10





#18

Methvl Acetate

Concen: 2.24 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049944.D

Acq: 20 Jul 2018 4:06

Instrument :

MSVOA_N

ClientSampleId :

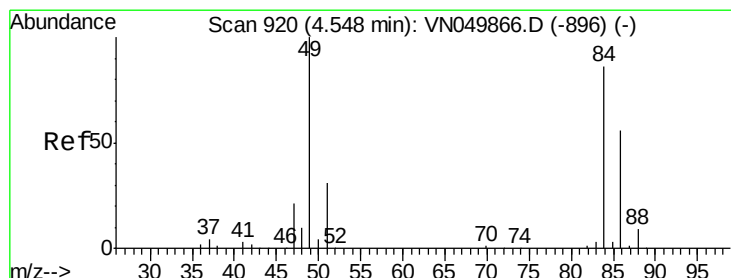
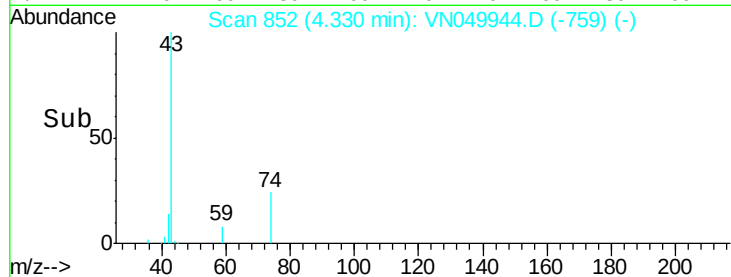
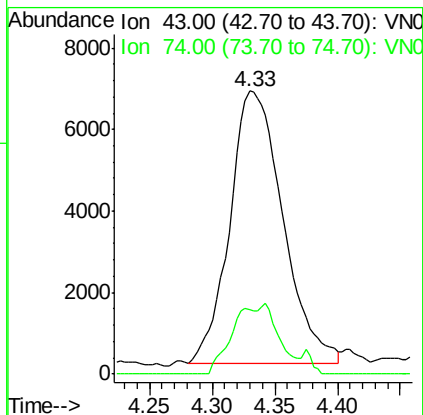
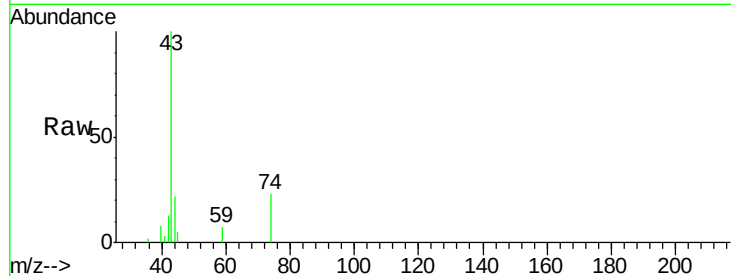
SB9-12-0

Tot Ion: 43 Resp: 19590

Ion Ratio Lower Upper

43 100

74 11.2 19.8 29.8#



#20

Methylene Chloride

Concen: 38.83 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.00 min

Lab File: VN049944.D

Acq: 20 Jul 2018 4:06

Tgt Ion: 84 Resp: 303770

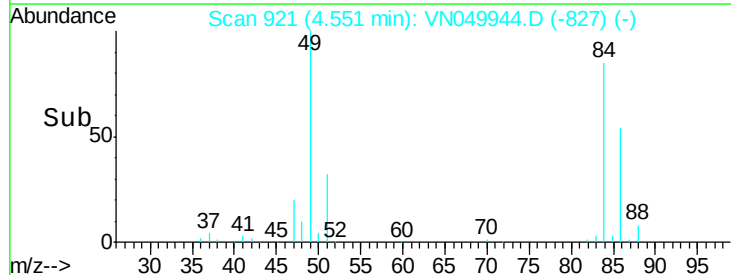
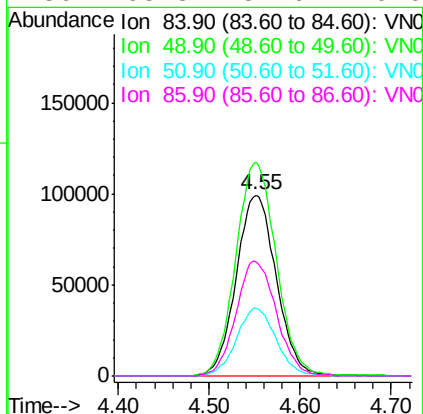
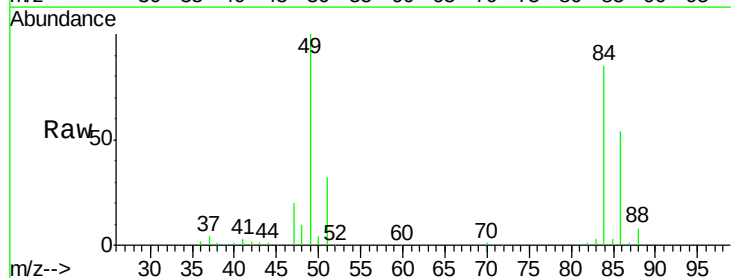
Ion Ratio Lower Upper

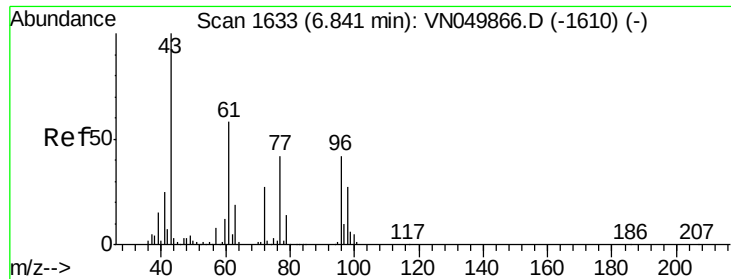
84 100

49 117.9 95.4 143.2

51 37.5 28.4 42.6

86 63.3 52.6 79.0





#25

2-Butanone

Concen: 1.79 ug/l

RT: 6.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VN049944.D

Acq: 20 Jul 2018 4:06

Instrument :

MSVOA_N

ClientSampled :

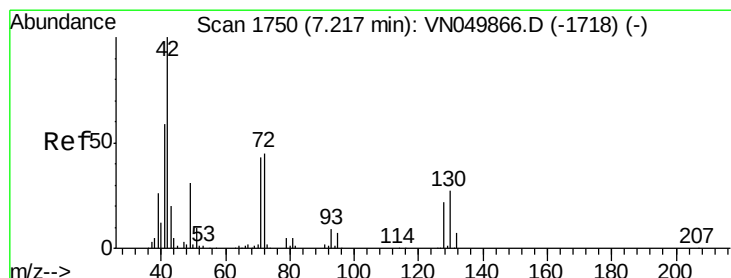
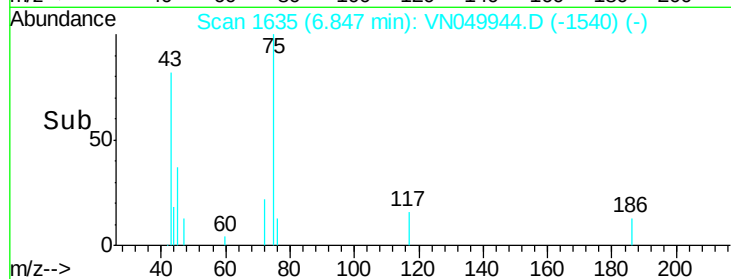
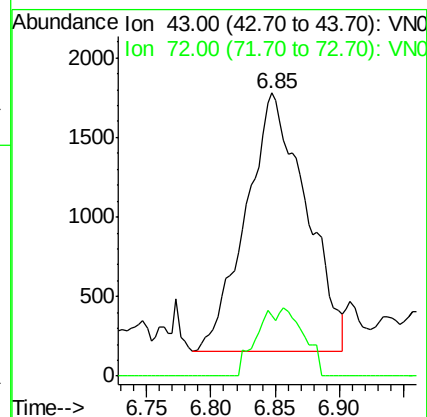
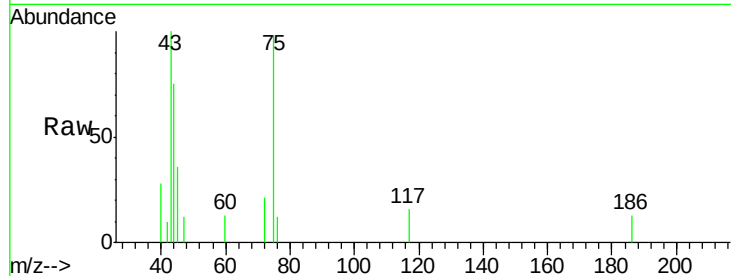
SB9-12-0

Tot Ion: 43 Resp: 5266

Ion Ratio Lower Upper

43 100

72 23.4 22.1 33.1



#29

Tetrahydrofuran

Concen: 0.46 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VN049944.D

Acq: 20 Jul 2018 4:06

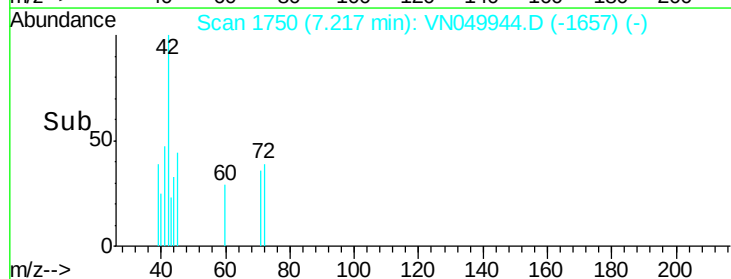
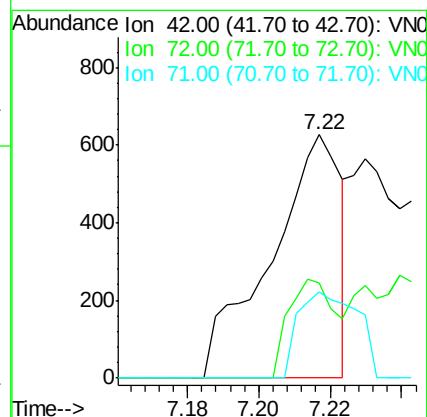
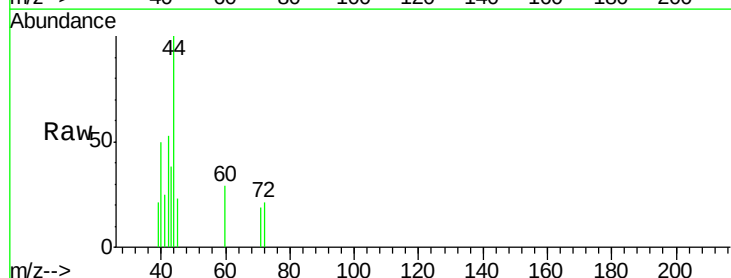
Tgt Ion: 42 Resp: 854

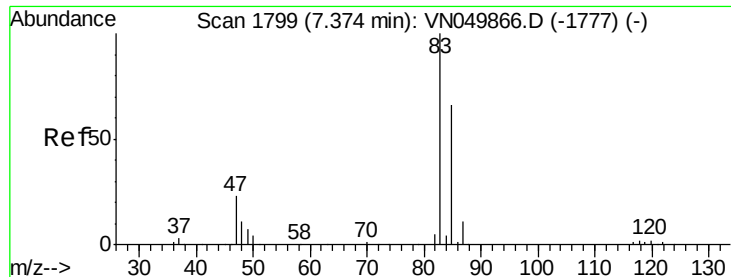
Ion Ratio Lower Upper

42 100

72 27.0 35.6 53.4#

71 29.9 34.0 51.0#





#30

Chloroform

Concen: 0.61 ug/l

RT: 7.38 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VN049944.D

Acq: 20 Jul 2018 4:06

Instrument :

MSVOA_N

ClientSampleId :

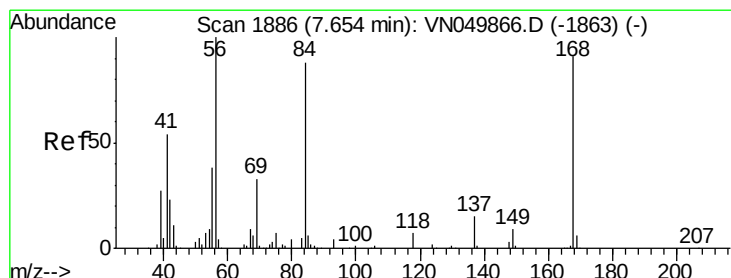
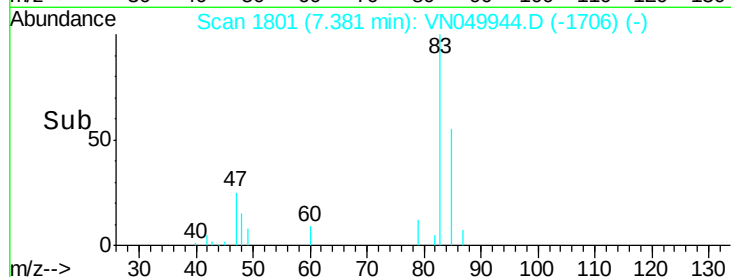
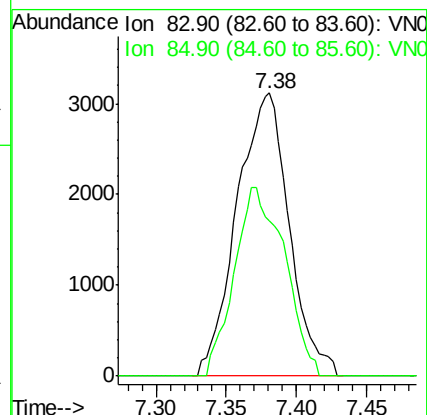
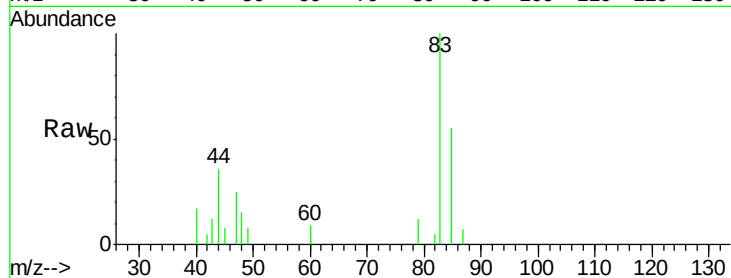
SB9-12-0

Tot Ion: 83 Resp: 8101

Ion Ratio Lower Upper

83 100

85 54.9 51.4 77.2



#31

Cyclohexane

Concen: 1.02 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.02 min

Lab File: VN049944.D

Acq: 20 Jul 2018 4:06

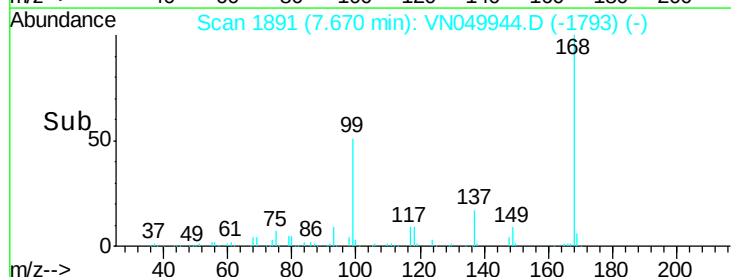
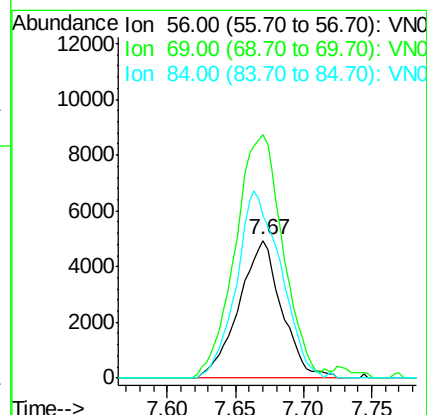
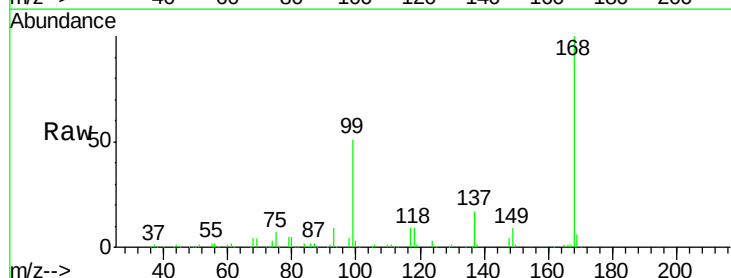
Tgt Ion: 56 Resp: 10782

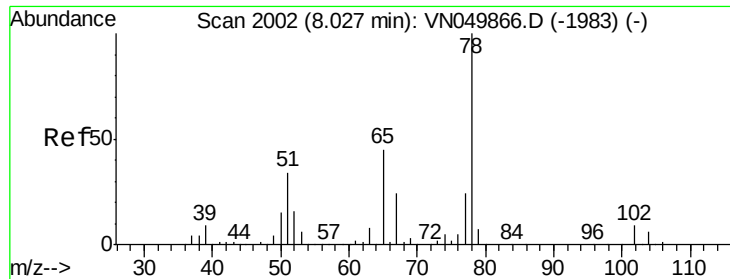
Ion Ratio Lower Upper

56 100

69 177.0 26.6 40.0#

84 118.4 69.0 103.6#

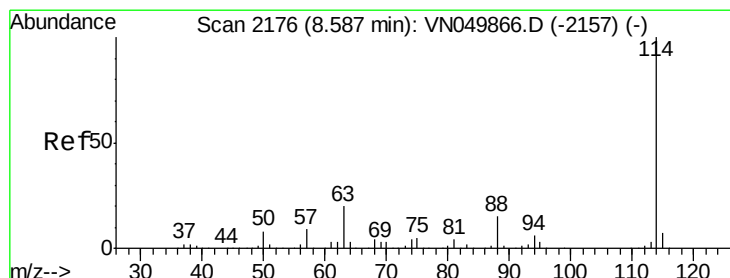
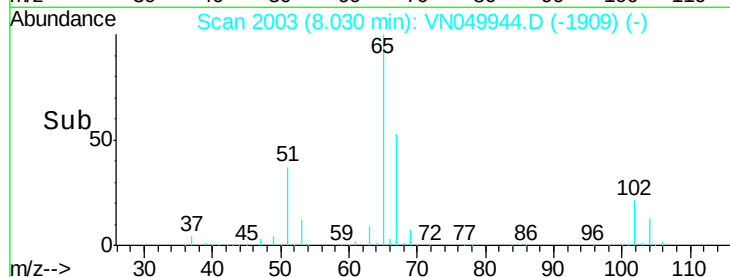
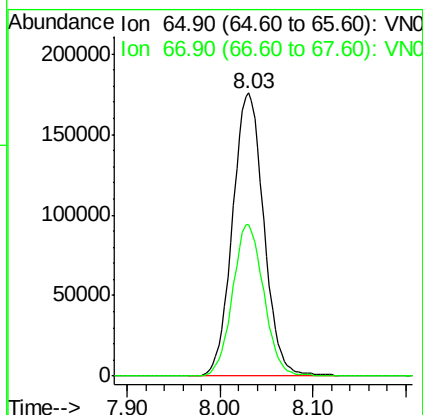
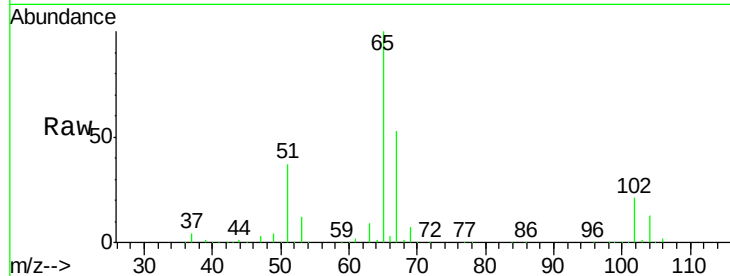




#33
 1,2-Dichloroethane-d4
 Concen: 51.78 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049944.D
 Acq: 20 Jul 2018 4:06

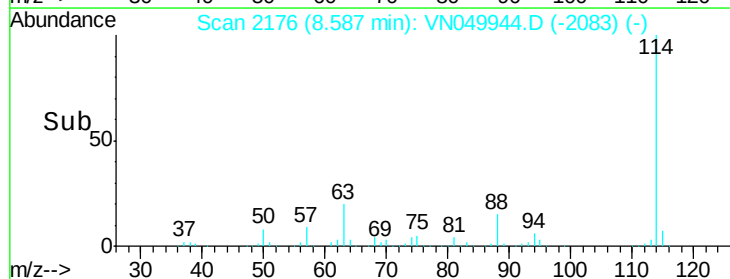
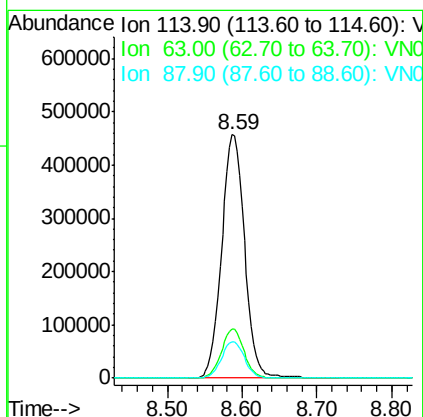
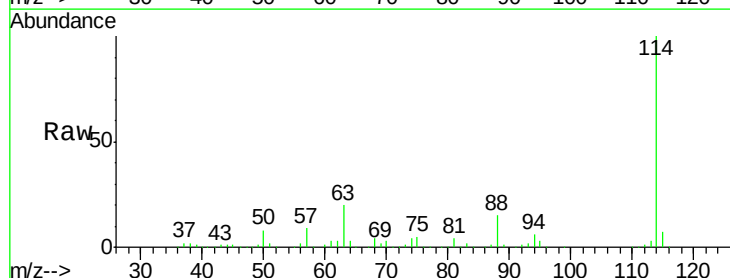
Instrument :
 MSVOA_N
 ClientSampled :
 SB9-12-0

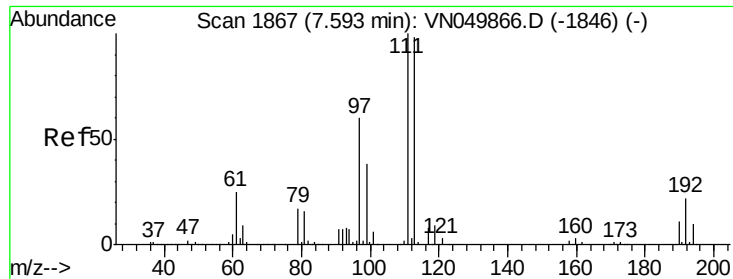
Tot Ion: 65 Resp: 411424
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049944.D
 Acq: 20 Jul 2018 4:06

Tgt Ion: 114 Resp: 971896
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.8
 88 15.0 0.0 30.6

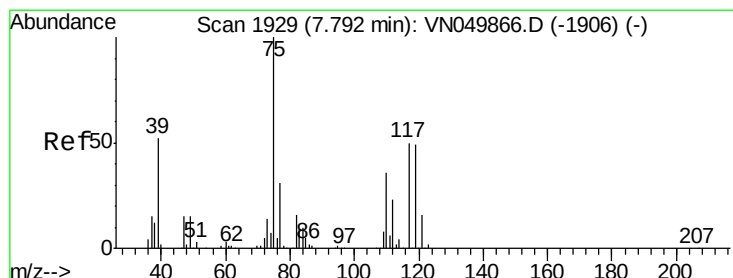
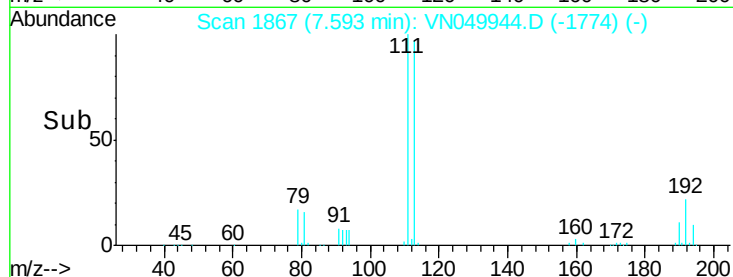
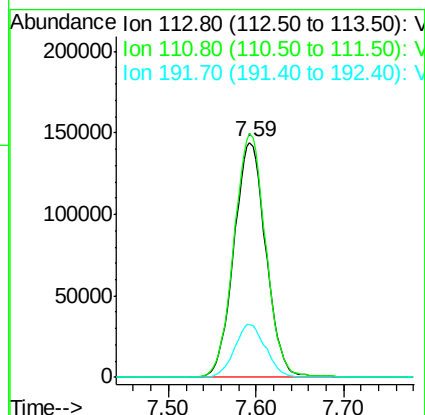
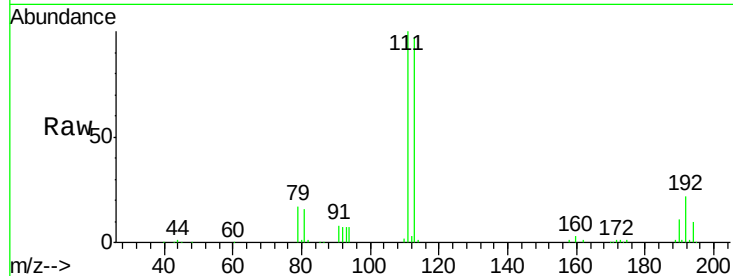




#35
 Dibromofluoromethane
 Concen: 44.82 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049944.D
 Acq: 20 Jul 2018 4:06

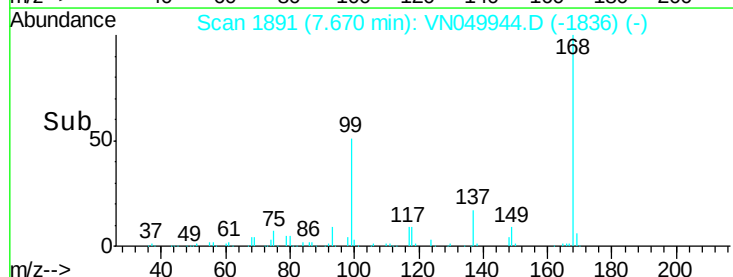
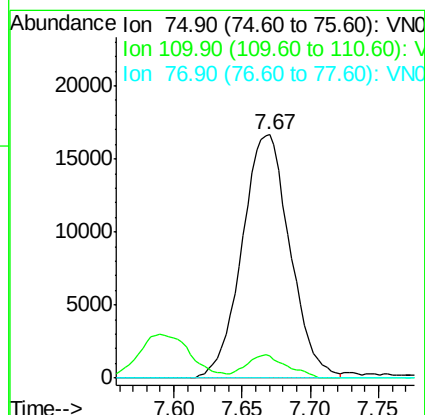
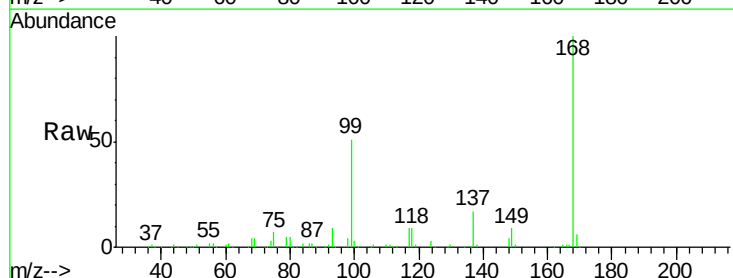
Instrument :
 MSVOA_N
 ClientSampleId :
 SB9-12-0

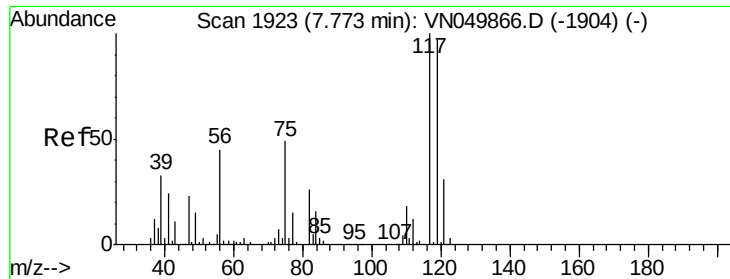
Tot Ion:113 Resp: 365671
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.8 122.8
 192 22.0 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 3.76 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.12 min
 Lab File: VN049944.D
 Acq: 20 Jul 2018 4:06

Tgt Ion: 75 Resp: 40649
 Ion Ratio Lower Upper
 75 100
 110 8.2 18.1 54.4#
 77 0.0 24.9 37.3#

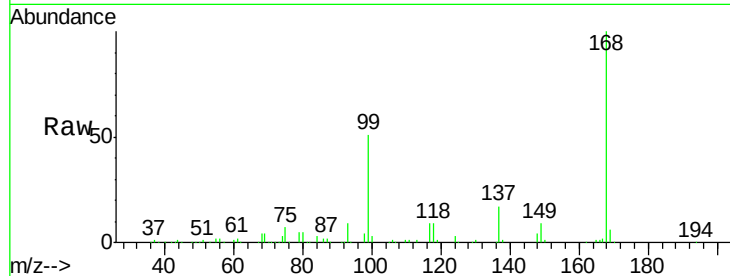




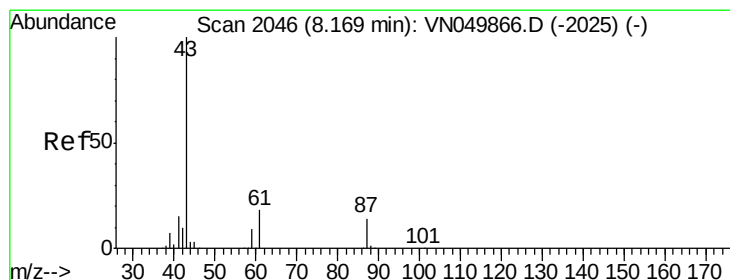
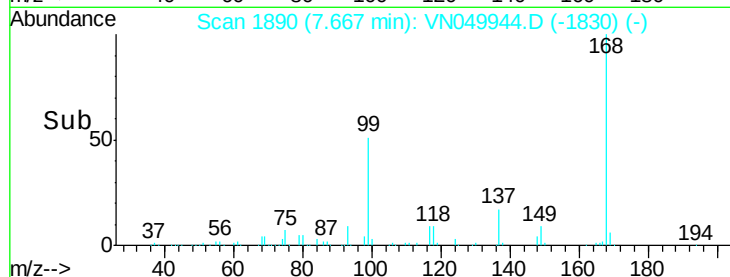
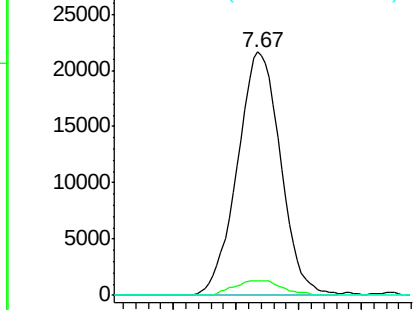
#38
Carbon Tetrachloride
Concen: 4.47 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN049944.D
Acq: 20 Jul 2018 4:06

Instrument :
MSVOA_N
ClientSampled :
SB9-12-0

Tot Ion:117 Resp: 51795
Ion Ratio Lower Upper
117 100
119 6.0 77.2 115.8#
121 0.0 25.0 37.6#

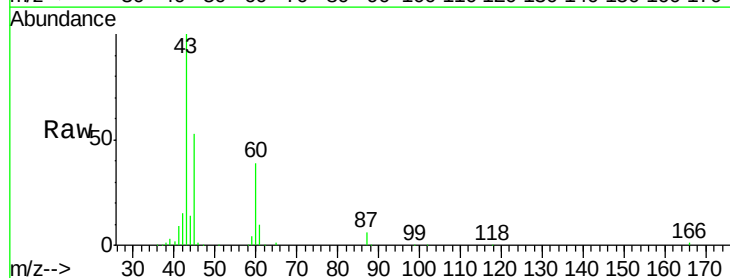


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

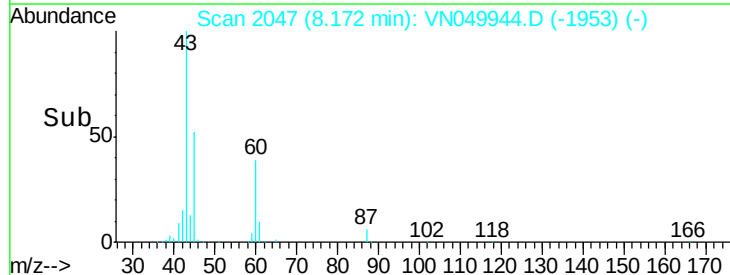
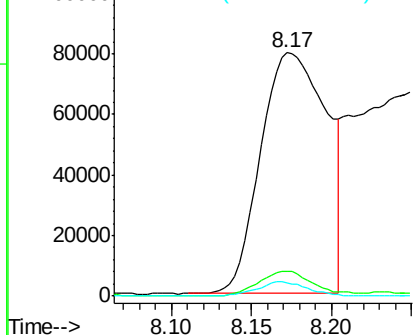


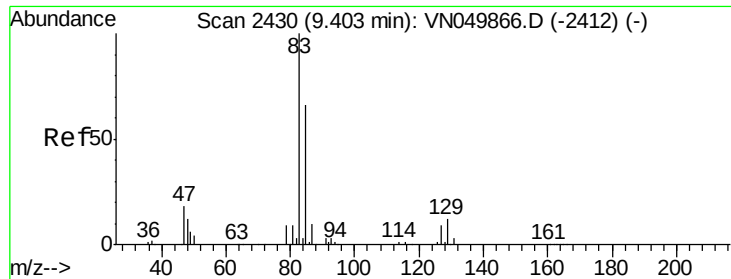
#43
Isopropyl Acetate
Concen: 17.68 ug/l
RT: 8.17 min Scan# 2047
Delta R.T. 0.00 min
Lab File: VN049944.D
Acq: 20 Jul 2018 4:06

Tgt Ion: 43 Resp: 229149
Ion Ratio Lower Upper
43 100
61 8.6 14.9 22.3#
87 4.5 10.0 15.0#



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

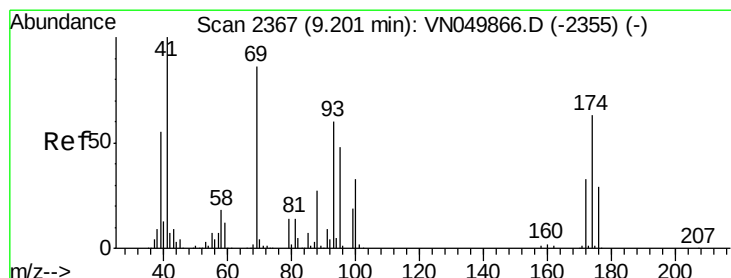
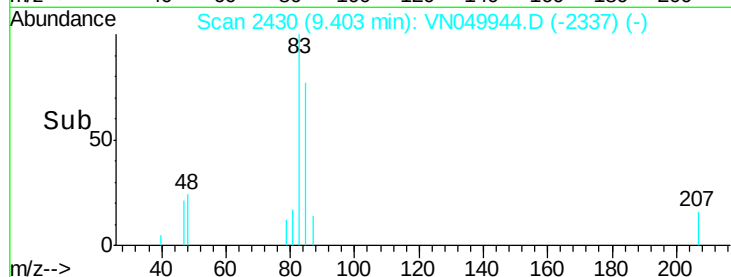
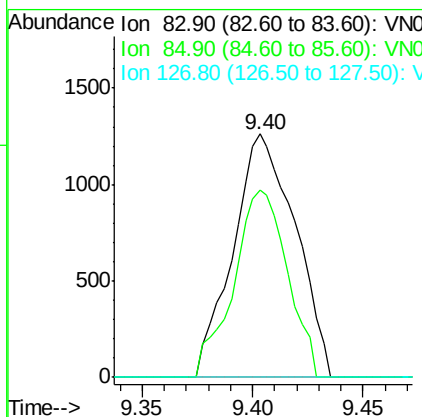
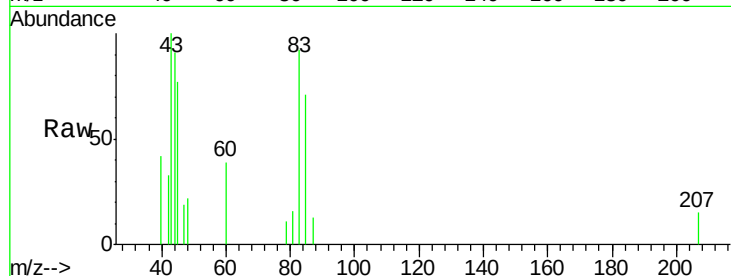




#47
 Bromodichloromethane
 Concen: 0.22 ug/l
 RT: 9.40 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: VN049944.D
 Acq: 20 Jul 2018 4:06

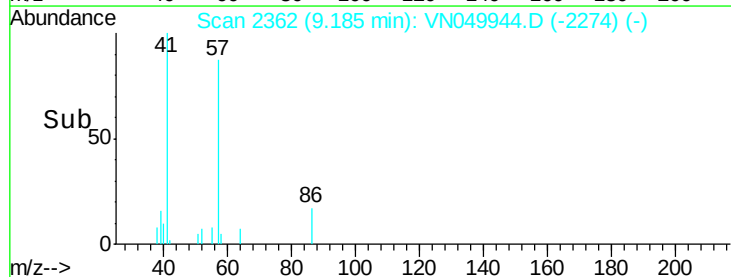
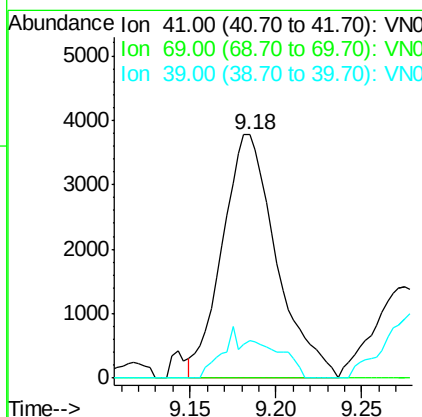
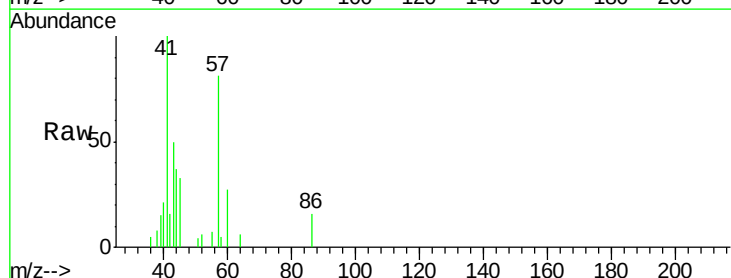
Instrument :
 MSVOA_N
 ClientSampleId :
 SB9-12-0

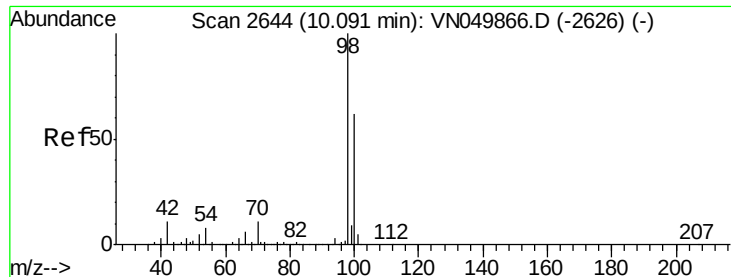
Tot Ion: 83 Resp: 2466
 Ion Ratio Lower Upper
 83 100
 85 77.1 50.5 75.7#
 127 0.0 6.8 10.2#



#48
 Methyl methacrylate
 Concen: 1.27 ug/l
 RT: 9.18 min Scan# 2362
 Delta R.T. -0.02 min
 Lab File: VN049944.D
 Acq: 20 Jul 2018 4:06

Tgt Ion: 41 Resp: 8255
 Ion Ratio Lower Upper
 41 100
 69 0.0 71.5 107.3#
 39 7.7 44.7 67.1#





#50

Toluene-d8

Concen: 43.42 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN049944.D

Acq: 20 Jul 2018 4:06

Instrument :

MSVOA_N

ClientSampleId :

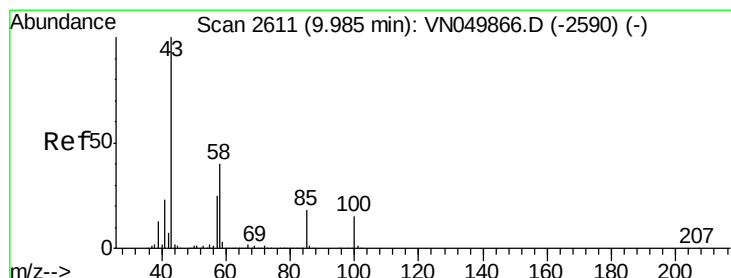
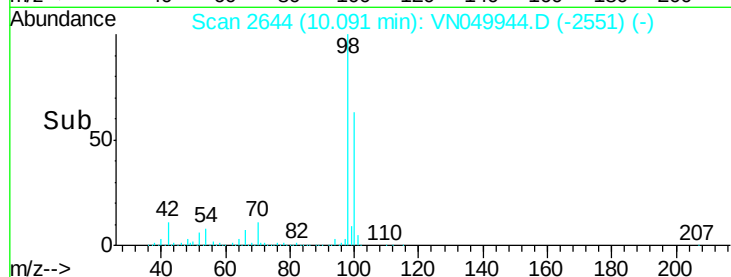
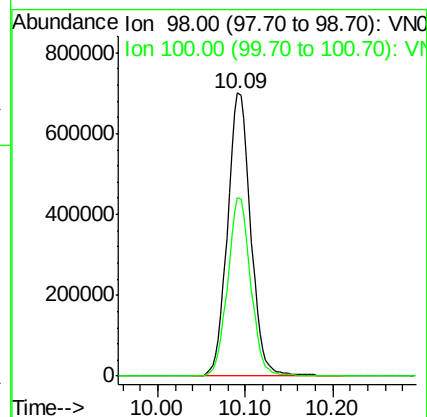
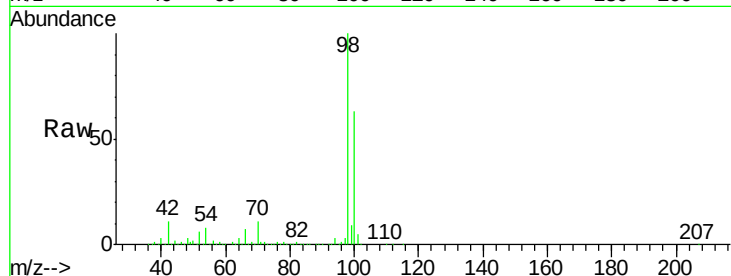
SB9-12-0

Tot Ion: 98 Resp: 1290823

Ion Ratio Lower Upper

98 100

100 62.6 51.7 77.5



#51

4-Methyl-2-Pentanone

Concen: 0.35 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN049944.D

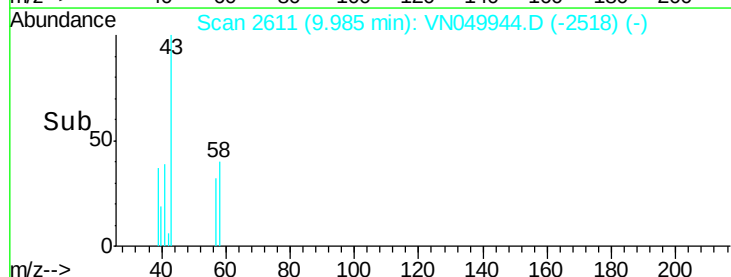
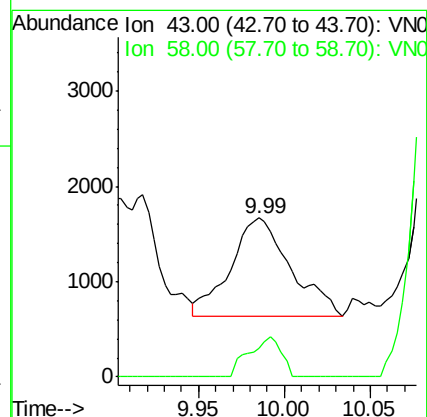
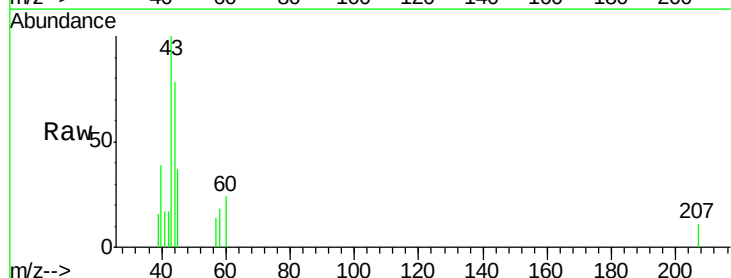
Acq: 20 Jul 2018 4:06

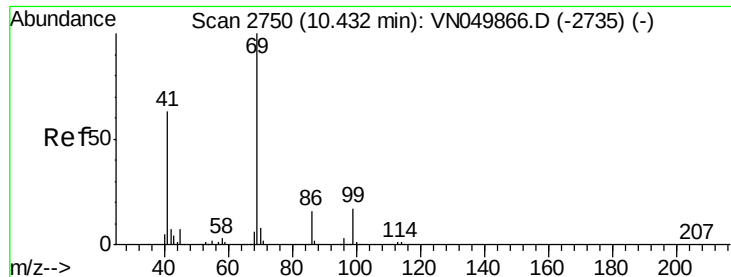
Tgt Ion: 43 Resp: 2514

Ion Ratio Lower Upper

43 100

58 21.6 31.8 47.8#

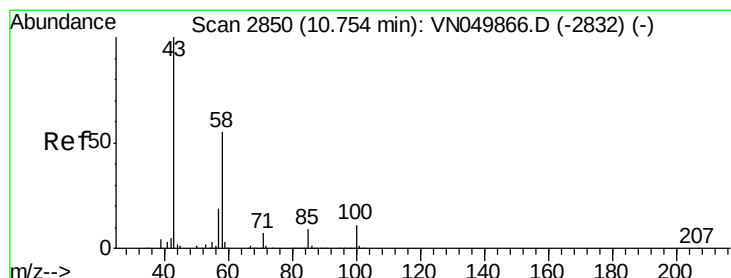
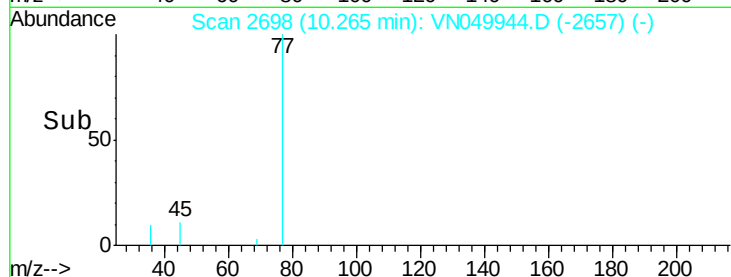
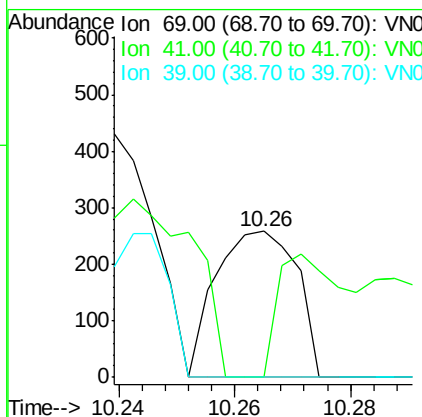
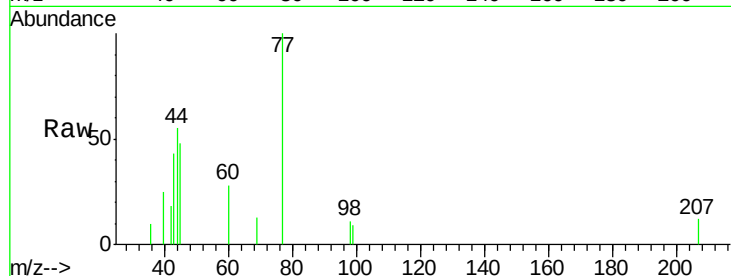




#56
Ethyl methacrylate
Concen: 2.18 ug/l
RT: 10.26 min Scan# 2698
Delta R.T. -0.17 min
Lab File: VN049944.D
Acq: 20 Jul 2018 4:06

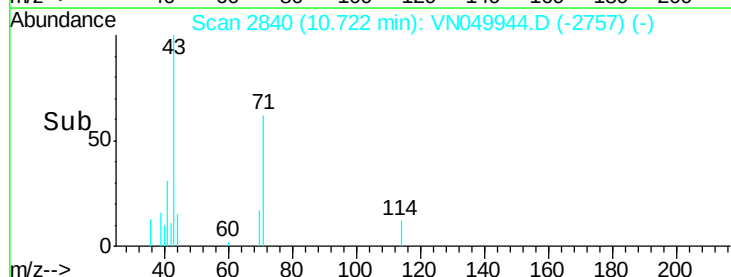
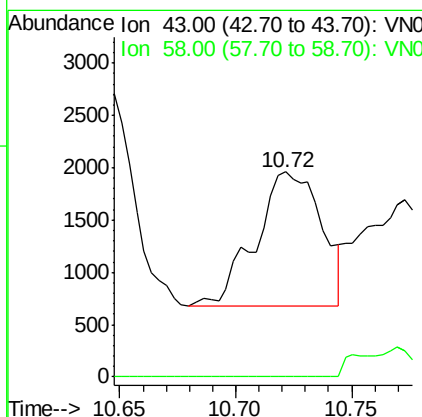
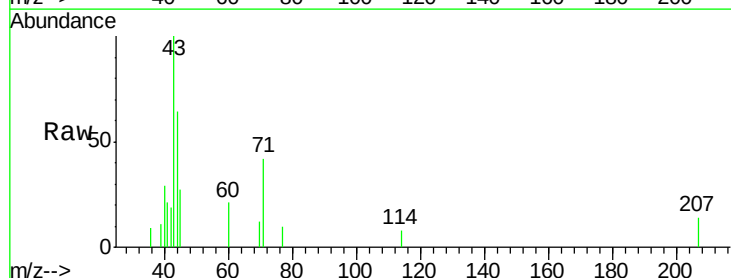
Instrument :
MSVOA_N
ClientSampled :
SB9-12-0

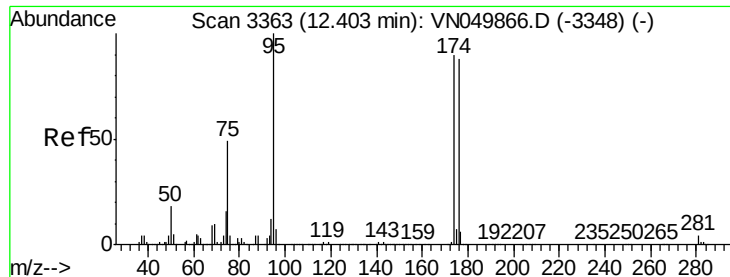
Tot Ion: 69 Resp: 250
Ion Ratio Lower Upper
69 100
41 70.4 51.6 77.4
39 0.0 25.8 38.8#



#59
2-Hexanone
Concen: 0.52 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. -0.03 min
Lab File: VN049944.D
Acq: 20 Jul 2018 4:06

Tgt Ion: 43 Resp: 2532
Ion Ratio Lower Upper
43 100
58 0.0 27.8 83.4#





#62

4-Bromofluorobenzene

Concen: 34.68 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049944.D

Acq: 20 Jul 2018 4:06

Instrument :

MSVOA_N

ClientSampled :

SB9-12-0

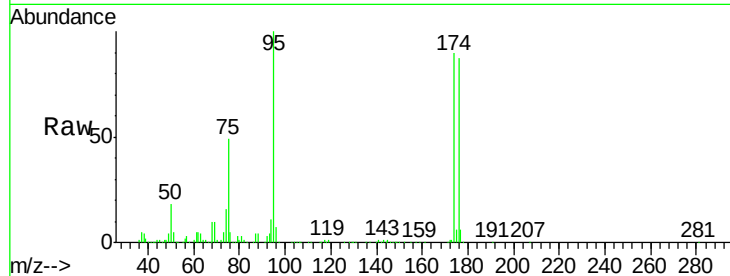
Tot Ion: 95 Resp: 355114

Ion Ratio Lower Upper

95 100

174 90.8 0.0 179.6

176 87.6 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049944.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049944.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049944.D (-3270) (-)

12.40

250000

200000

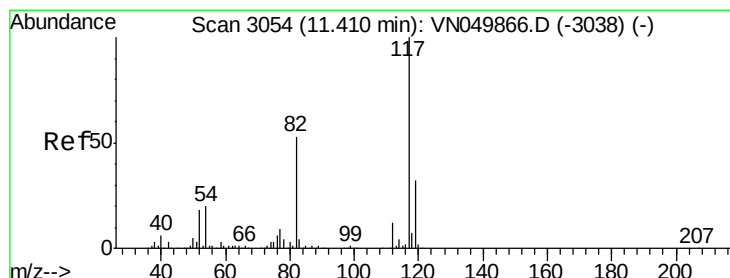
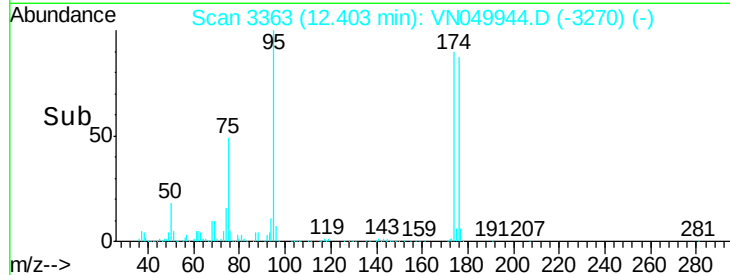
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049944.D

Acq: 20 Jul 2018 4:06

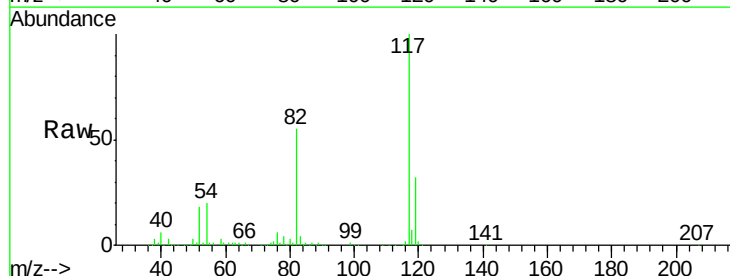
Tgt Ion: 117 Resp: 794933

Ion Ratio Lower Upper

117 100

82 54.6 41.9 62.9

119 32.5 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): VN049944.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049944.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049944.D (-2961) (-)

11.41

600000

500000

400000

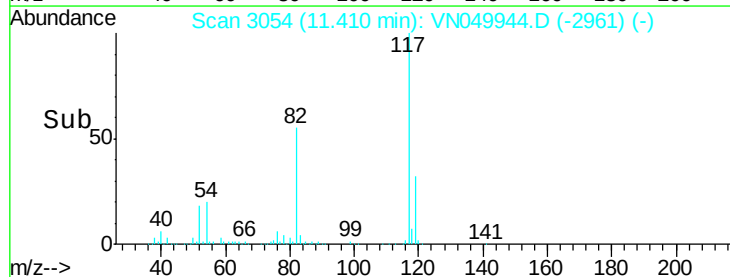
300000

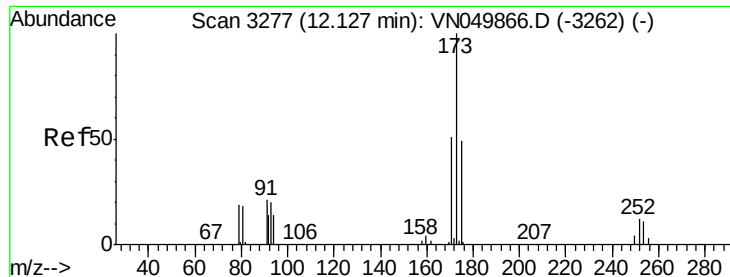
200000

100000

0

Time-->





#71

Bromoform

Concen: 0.39 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.28 min

Lab File: VN049944.D

Acq: 20 Jul 2018 4:06

Instrument :

MSVOA_N

ClientSampled :

SB9-12-0

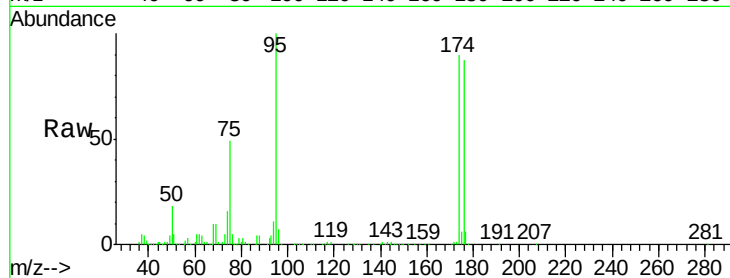
Tot Ion:173 Resp: 2180

Ion Ratio Lower Upper

173 100

175 851.9 24.6 73.8#

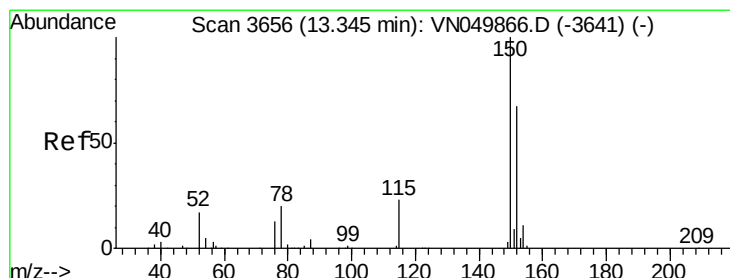
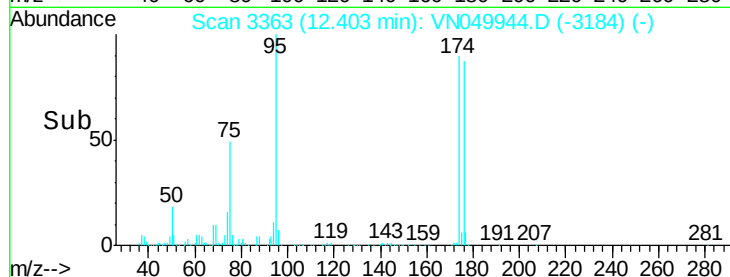
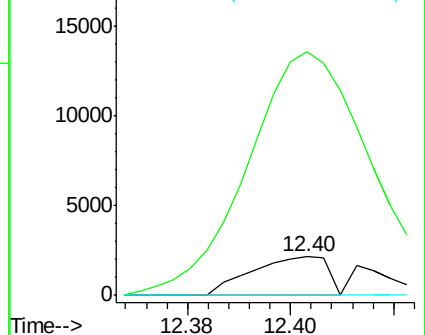
254 0.0 0.2 0.2#



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: VN049944.D

Acq: 20 Jul 2018 4:06

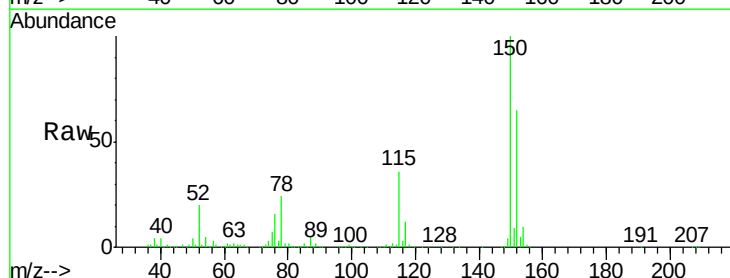
Tgt Ion:152 Resp: 300697

Ion Ratio Lower Upper

152 100

115 56.7 28.1 84.2

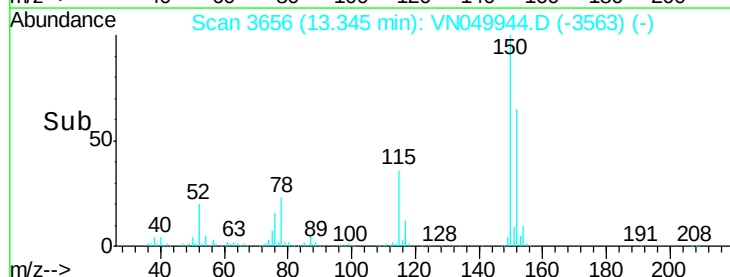
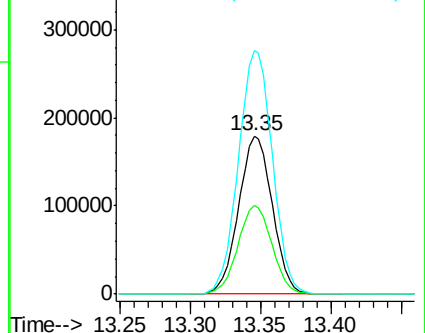
150 155.1 0.0 347.6

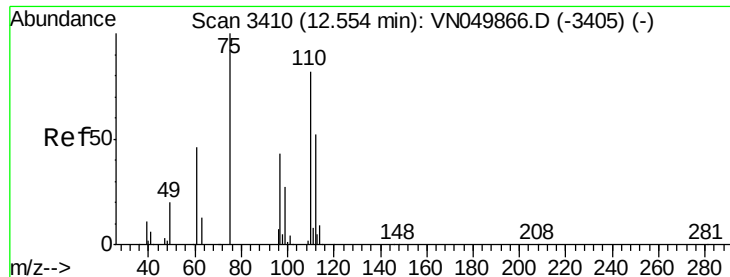


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 31.04 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049944.D

Acq: 20 Jul 2018 4:06

Instrument :

MSVOA_N

ClientSampleId :

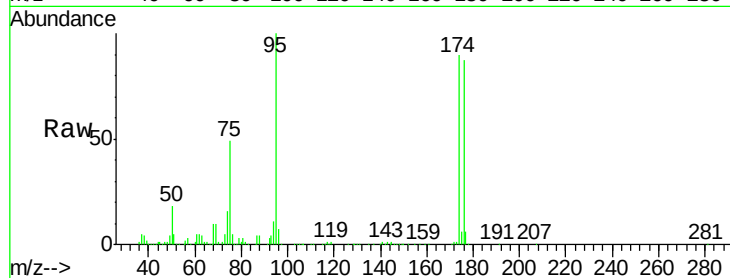
SB9-12-0

Tot Ion: 75 Resp: 175078

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN049866.D (-3405) (-)

Ion 77.00 (76.70 to 77.70): VN049866.D (-3405) (-)

120000

100000

80000

60000

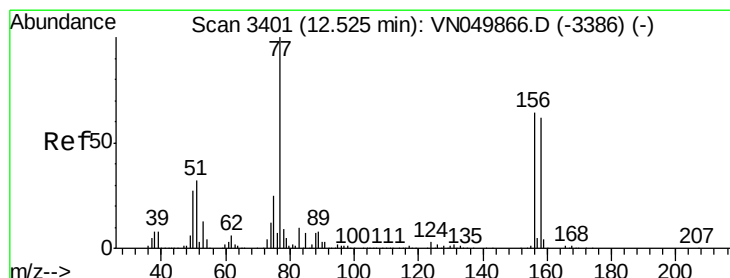
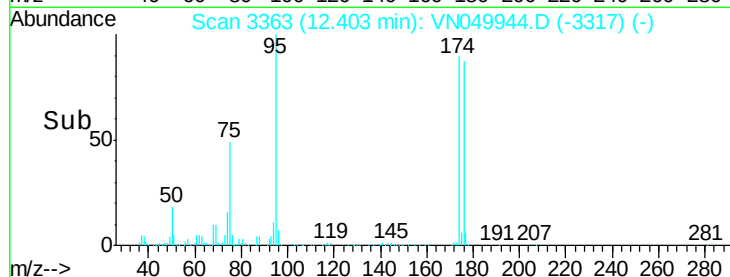
40000

20000

0

12.35 12.40 12.45

Time-->



#77

Bromobenzene

Concen: 1.06 ug/l

RT: 12.55 min Scan# 3408

Delta R.T. 0.02 min

Lab File: VN049944.D

Acq: 20 Jul 2018 4:06

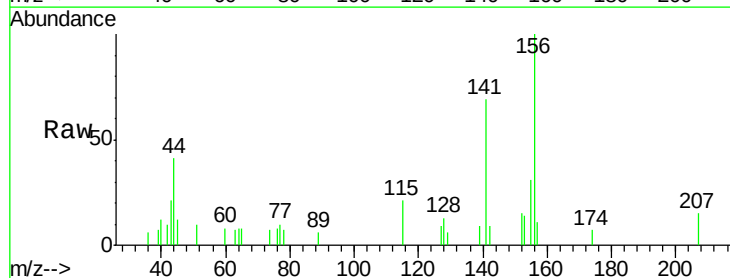
Tgt Ion: 156 Resp: 6669

Ion Ratio Lower Upper

156 100

77 0.0 90.2 270.6#

158 0.0 49.1 147.3#



Abundance Ion 155.80 (155.50 to 156.50): VN049866.D (-3386) (-)

Ion 77.00 (76.70 to 77.70): VN049866.D (-3386) (-)

Ion 157.80 (157.50 to 158.50): VN049866.D (-3386) (-)

4000

3000

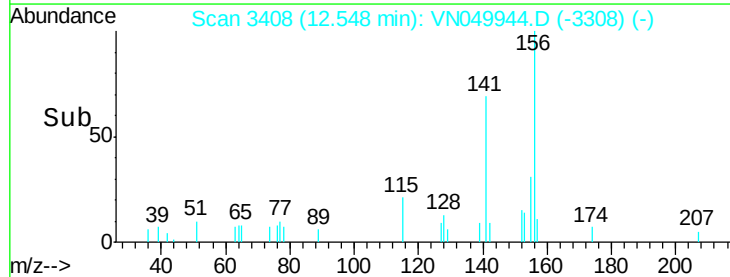
2000

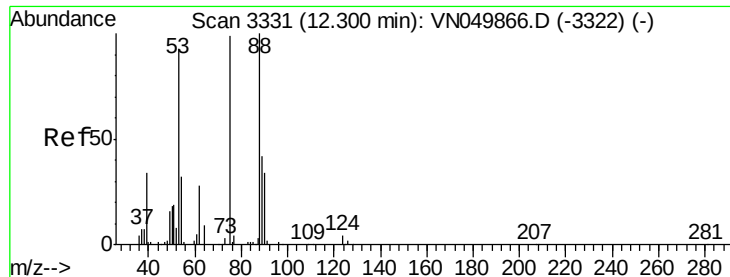
1000

0

12.45 12.50 12.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 97.05 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049944.D

Acq: 20 Jul 2018 4:06

Instrument :

MSVOA_N

ClientSampled :

SB9-12-0

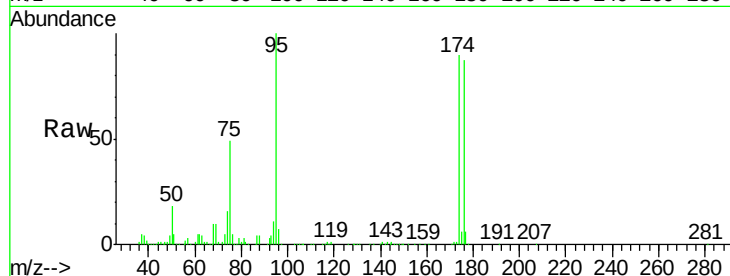
Tot Ion: 75 Resp: 175078

Ion Ratio Lower Upper

75 100

53 0.1 73.9 110.9#

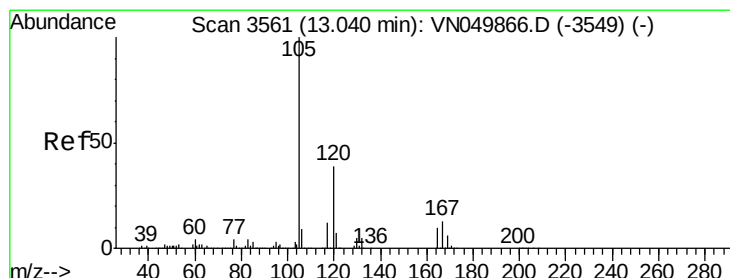
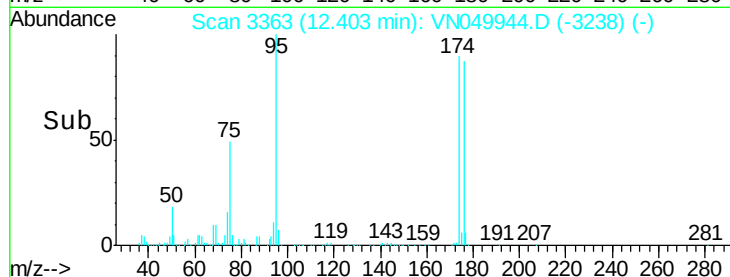
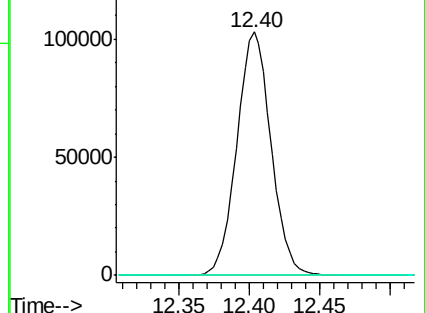
89 0.0 35.9 53.9#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#84

1,2,4-Trimethylbenzene

Concen: 0.42 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049944.D

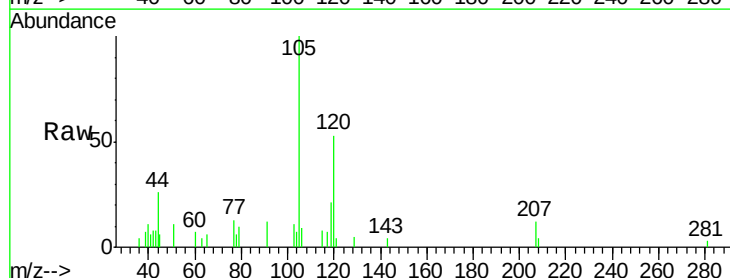
Acq: 20 Jul 2018 4:06

Tgt Ion: 105 Resp: 7871

Ion Ratio Lower Upper

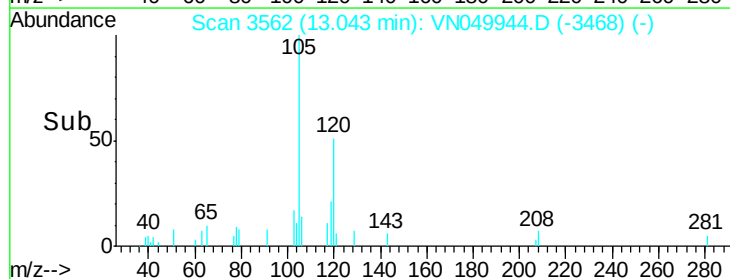
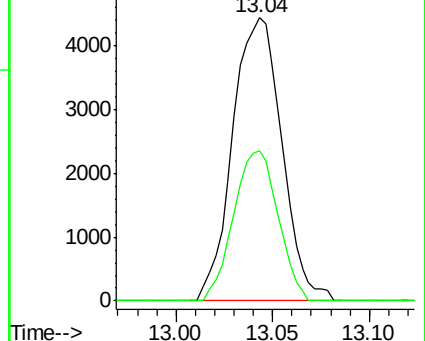
105 100

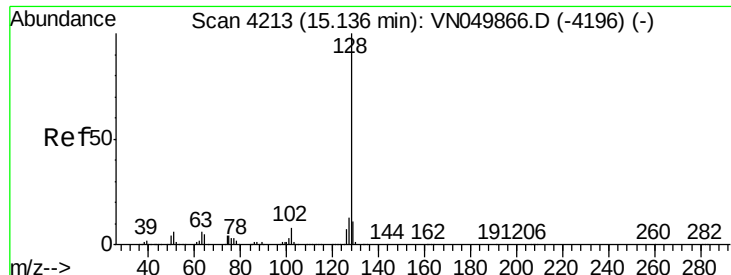
120 47.7 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 6.24 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049944.D

Acq: 20 Jul 2018 4:06

Instrument :

MSVOA_N

ClientSampleId :

SB9-12-0

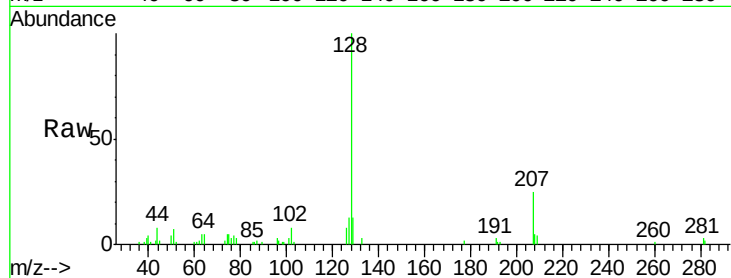
Tot Ion:128 Resp: 27439

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 11.1 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

