

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071918\
 Data File : VN049951.D
 Acq On : 20 Jul 2018 7:07
 Operator : MD\SY
 Sample : J4016-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB3-U-23-13

Quant Time: Jul 20 07:40:17 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	575285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	971122	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	821137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	315370	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	414551	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
35) Dibromofluoromethane	7.59	113	371203	45.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.06%	
50) Toluene-d8	10.09	98	1316574	44.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.64%	
62) 4-Bromofluorobenzene	12.40	95	366442	35.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.64%	

Target Compounds

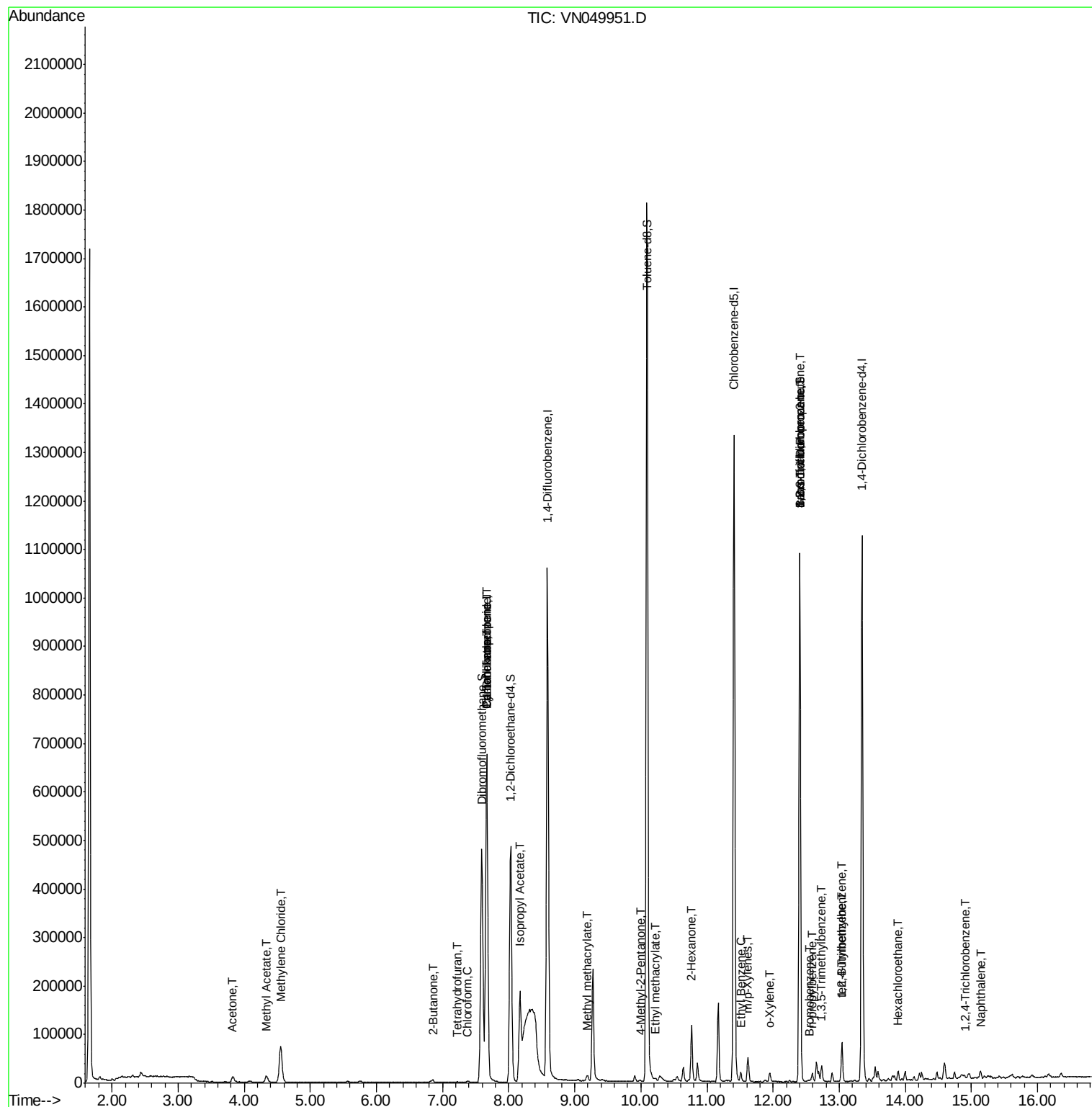
						Qvalue
5) Bromomethane	2.56	94	195	Below Cal		92
16) Acetone	3.83	43	20197	9.87 ug/l		97
18) Methyl Acetate	4.33	43	23946	2.95 ug/l		100
20) Methylene Chloride	4.55	84	56947	7.31 ug/l		95
25) 2-Butanone	6.86	43	3776	1.29 ug/l		91
29) Tetrahydrofuran	7.22	42	1724	0.94 ug/l	#	48
30) Chloroform	7.37	83	3102	0.23 ug/l	#	80
31) Cyclohexane	7.67	56	11406	1.08 ug/l	#	2
36) 1,1-Dichloropropene	7.67	75	40572	3.76 ug/l	#	48
38) Carbon Tetrachloride	7.67	117	52806	4.57 ug/l	#	16
43) Isopropyl Acetate	8.17	43	225945	17.44 ug/l		97
48) Methyl methacrylate	9.18	41	7680	1.18 ug/l	#	16
51) 4-Methyl-2-Pentanone	9.99	43	2182	0.30 ug/l		90
56) Ethyl methacrylate	10.23	69	2103	2.34 ug/l	#	55
59) 2-Hexanone	10.77	43	16482	3.39 ug/l	#	56
67) Ethyl Benzene	11.51	91	14181	0.42 ug/l		94
68) m/p-Xylenes	11.62	106	15882	1.25 ug/l		97
69) o-Xylene	11.95	106	4687	0.39 ug/l		96
71) Bromoform	12.40	173	2581	0.45 ug/l	#	1
76) 1,2,3-Trichloropropane	12.40	75	178125	30.11 ug/l	#	100
77) Bromobenzene	12.54	156	1899	0.29 ug/l	#	1
78) n-propylbenzene	12.59	91	10457	0.38 ug/l		98
80) 1,3,5-Trimethylbenzene	12.73	105	14761	0.77 ug/l		100
81) trans-1,4-Dichloro-2-buten	12.40	75	178125	94.15 ug/l	#	13
83) tert-Butylbenzene	13.04	119	7117	0.42 ug/l	#	75
84) 1,2,4-Trimethylbenzene	13.04	105	44423	2.28 ug/l		100
90) Hexachloroethane	13.89	117	1574	0.37 ug/l	#	4
93) 1,2,4-Trichlorobenzene	14.91	180	69	3.49 ug/l	#	1
95) Naphthalene	15.14	128	12809	5.27 ug/l	#	91

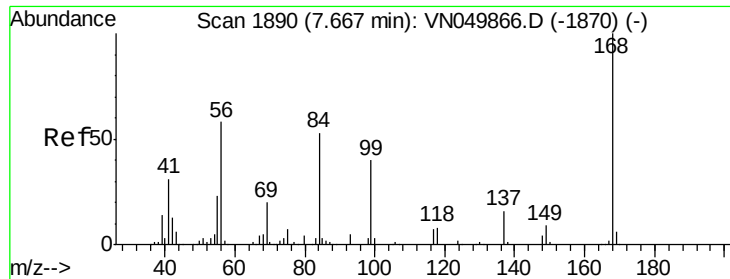
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 01:58:39 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: VN049951.D

Acq: 20 Jul 2018 7:07

Instrument :

MSVOA_N

ClientSampled :

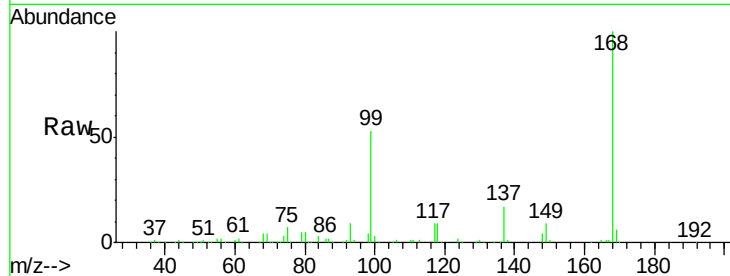
SB3-U-23-13

Tot Ion:168 Resp: 575285

Ion Ratio Lower Upper

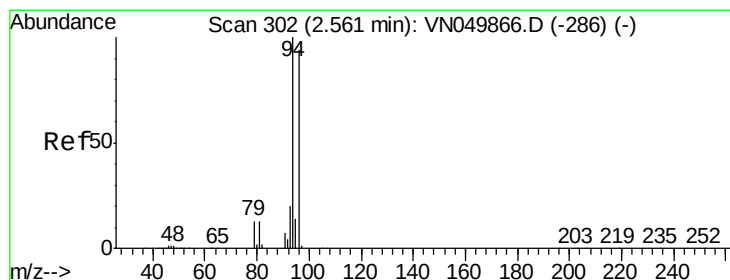
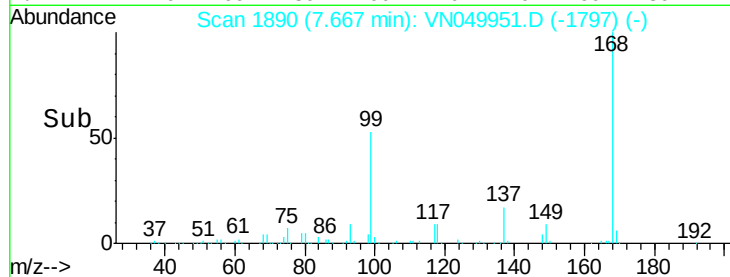
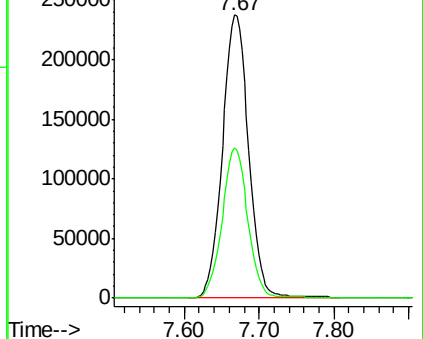
168 100

99 53.3 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN049951.D

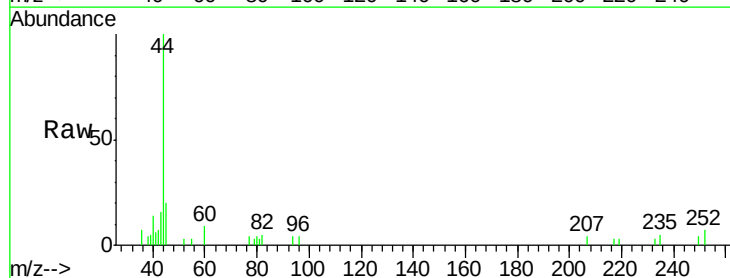
Acq: 20 Jul 2018 7:07

Tgt Ion: 94 Resp: 195

Ion Ratio Lower Upper

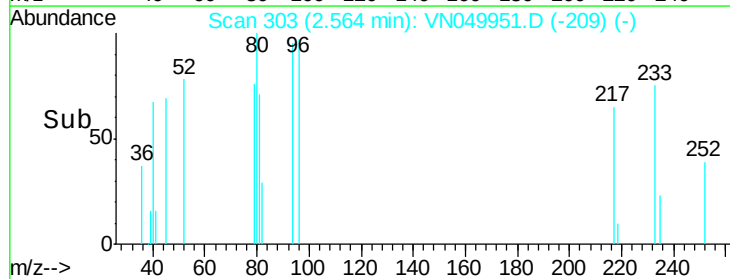
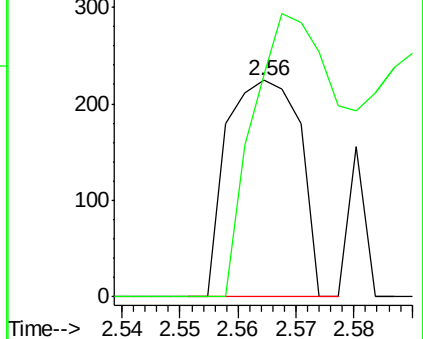
94 100

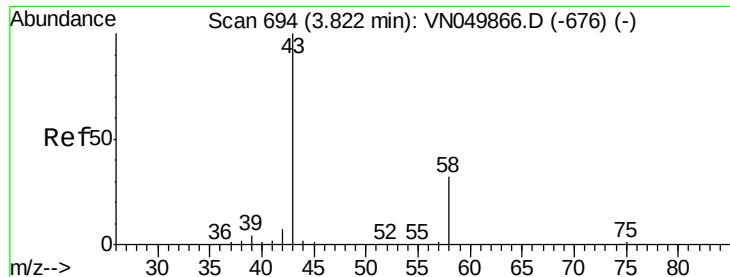
96 102.7 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0





#16

Acetone

Concen: 9.87 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049951.D

Acq: 20 Jul 2018 7:07

Instrument :

MSVOA_N

ClientSampled :

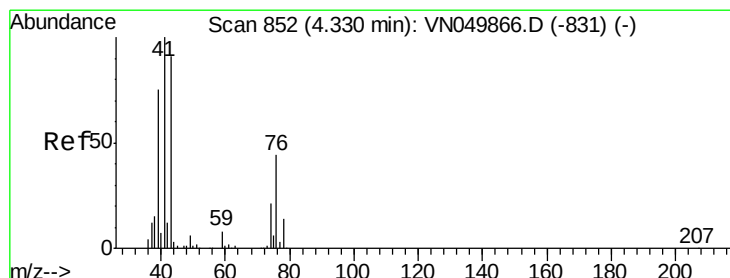
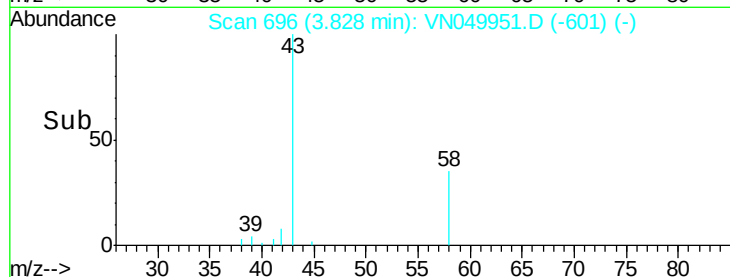
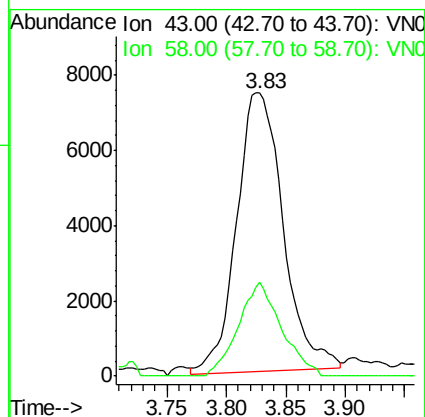
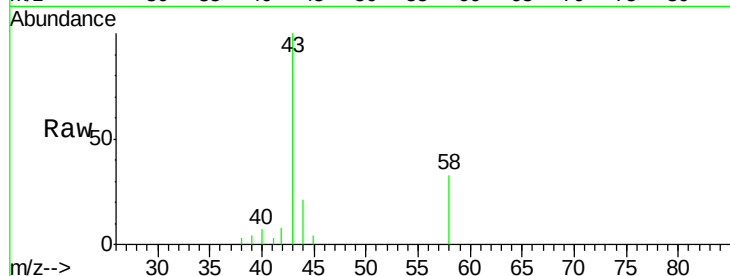
SB3-U-23-13

Tot Ion: 43 Resp: 20197

Ion Ratio Lower Upper

43 100

58 34.1 25.9 38.9



#18

Methyl Acetate

Concen: 2.95 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.00 min

Lab File: VN049951.D

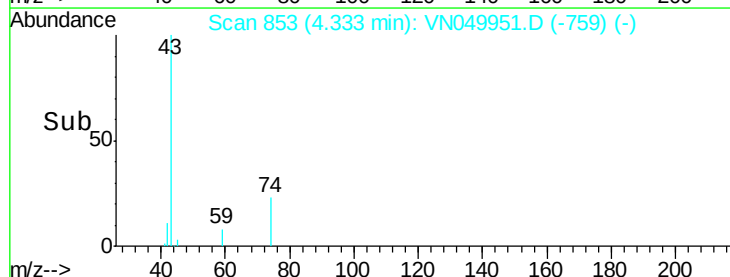
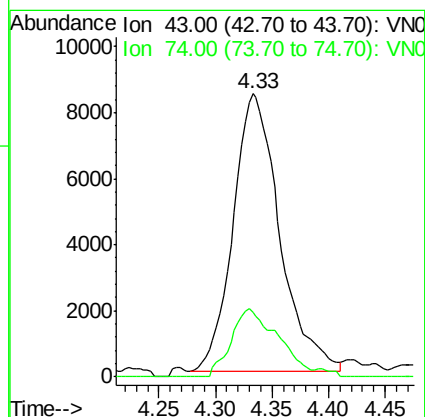
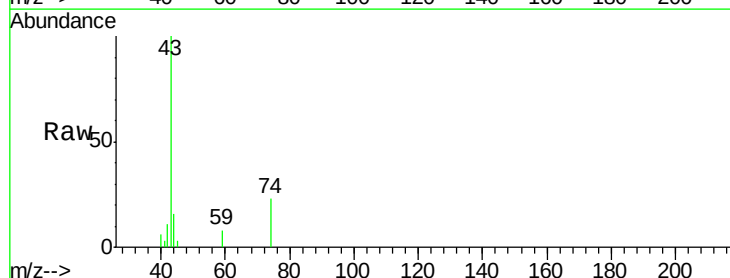
Acq: 20 Jul 2018 7:07

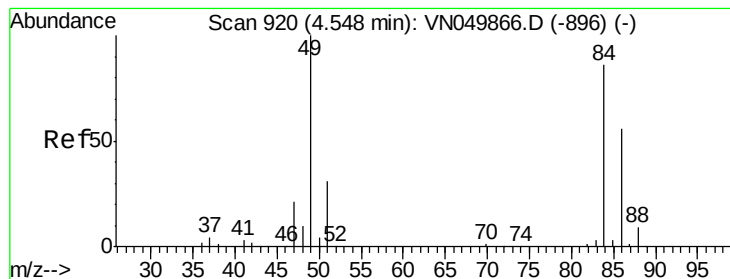
Tgt Ion: 43 Resp: 23946

Ion Ratio Lower Upper

43 100

74 24.8 19.8 29.8





#20

Methvlene Chloride

Concen: 7.31 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.01 min

Lab File: VN049951.D

Acq: 20 Jul 2018 7:07

Instrument :

MSVOA_N

ClientSampled :

SB3-U-23-13

Tot Ion: 84 Resp: 56947

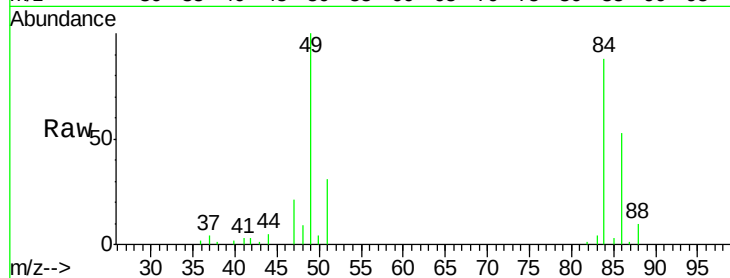
Ion Ratio Lower Upper

84 100

49 112.5 95.4 143.2

51 35.6 28.4 42.6

86 60.4 52.6 79.0

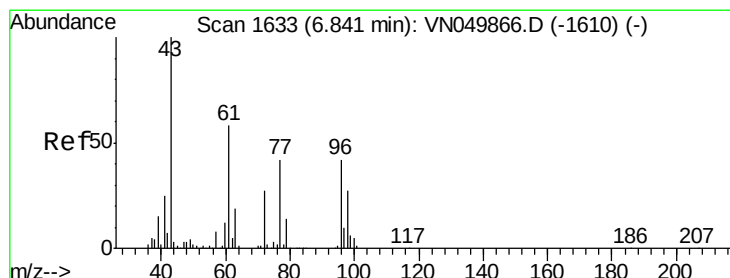
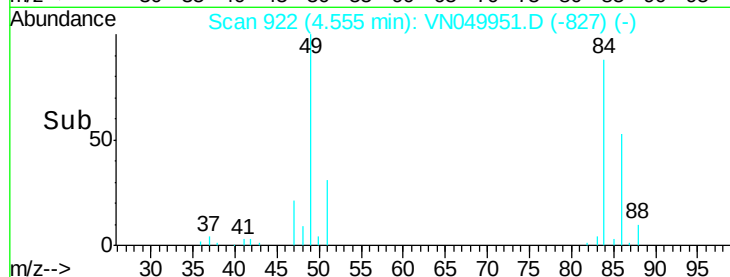
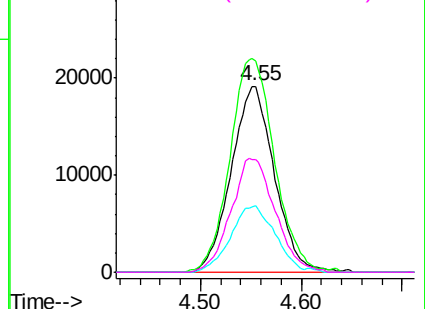


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 1.29 ug/l

RT: 6.86 min Scan# 1638

Delta R.T. 0.02 min

Lab File: VN049951.D

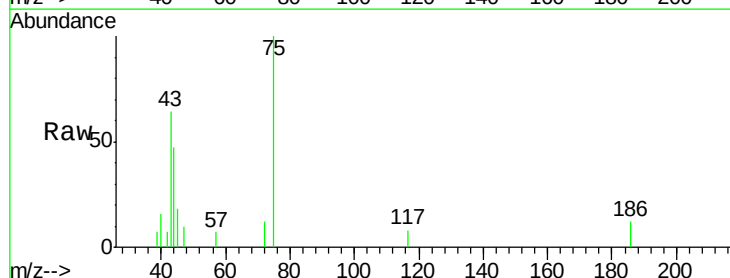
Acq: 20 Jul 2018 7:07

Tgt Ion: 43 Resp: 3776

Ion Ratio Lower Upper

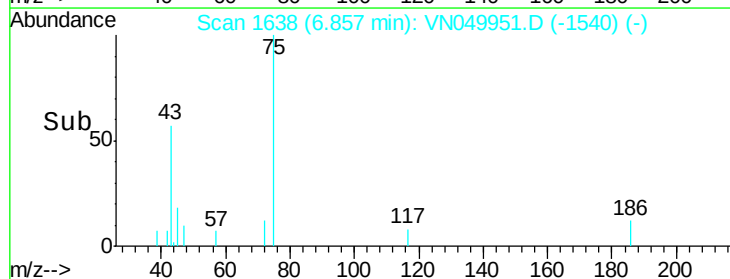
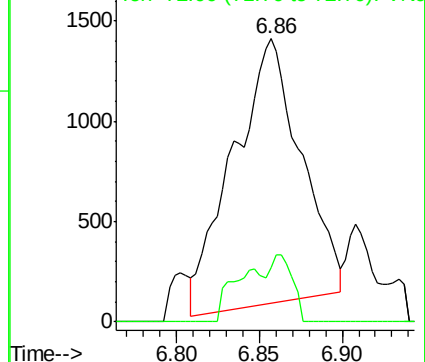
43 100

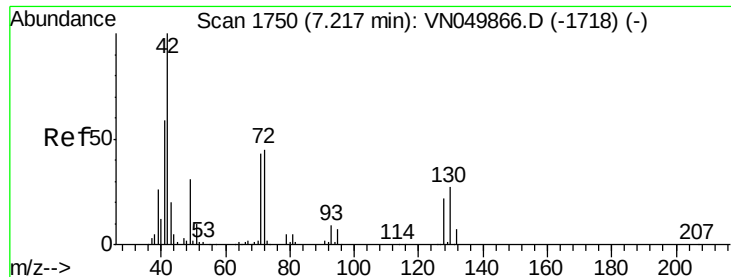
72 22.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

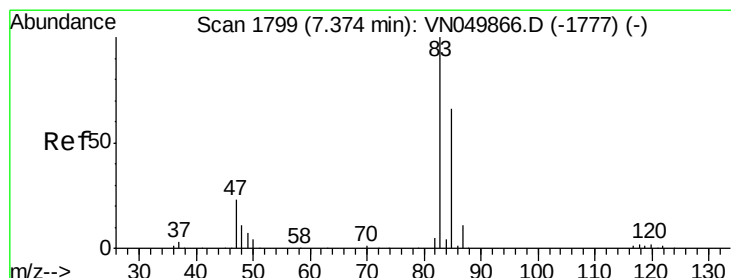
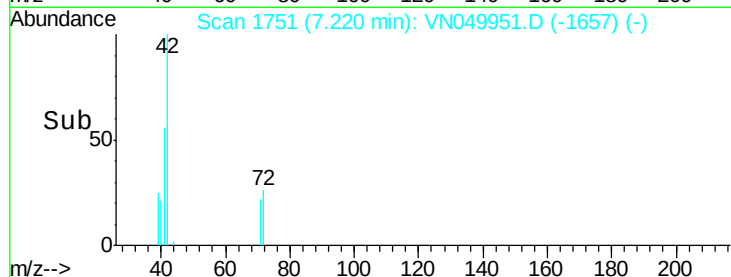
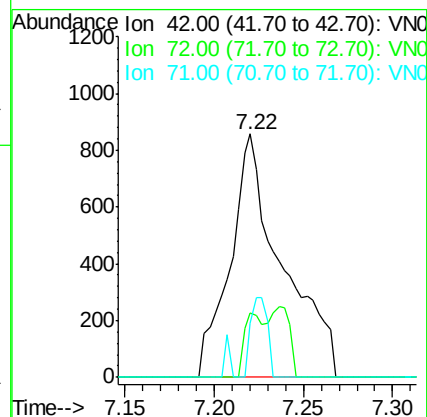
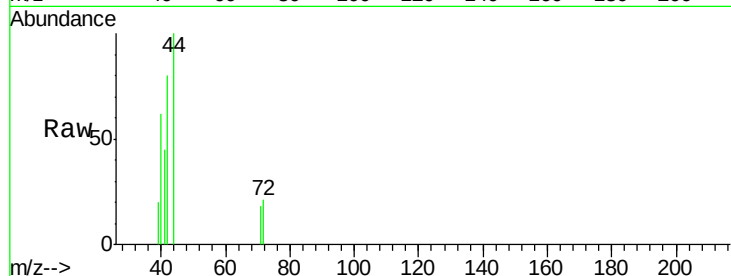




#29
Tetrahydrofuran
Concen: 0.94 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VN049951.D
Acq: 20 Jul 2018 7:07

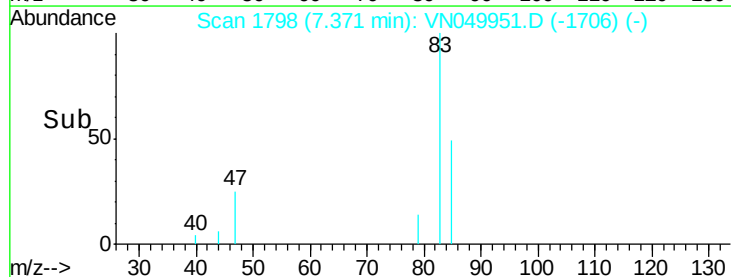
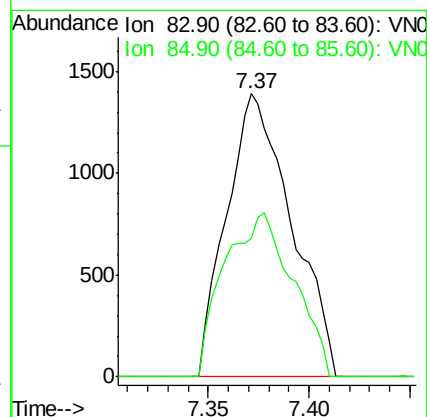
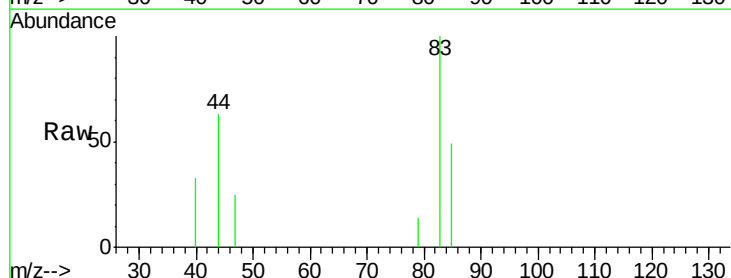
Instrument :
MSVOA_N
ClientSampled :
SB3-U-23-13

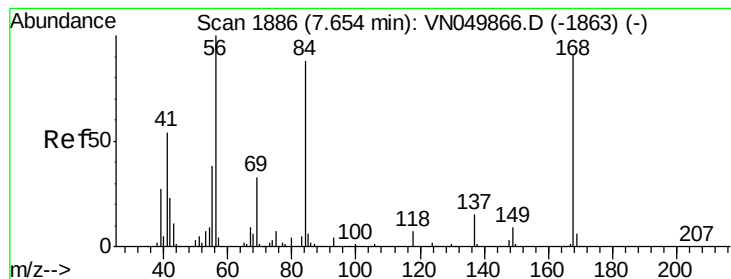
Tot Ion: 42 Resp: 1724
Ion Ratio Lower Upper
42 100
72 9.0 35.6 53.4#
71 10.6 34.0 51.0#



#30
Chloroform
Concen: 0.23 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN049951.D
Acq: 20 Jul 2018 7:07

Tgt Ion: 83 Resp: 3102
Ion Ratio Lower Upper
83 100
85 49.0 51.4 77.2#





#31

Cyclohexane

Concen: 1.08 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN049951.D

Acq: 20 Jul 2018 7:07

Instrument :

MSVOA_N

ClientSampleId :

SB3-U-23-13

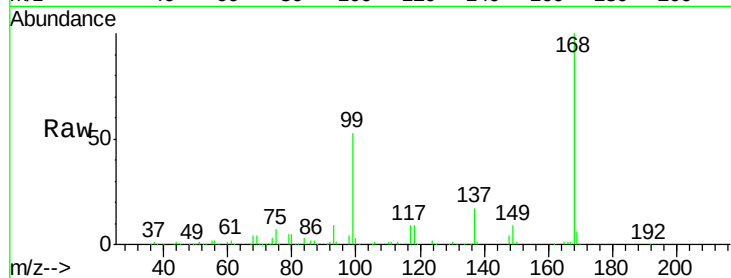
Tot Ion: 56 Resp: 11406

Ion Ratio Lower Upper

56 100

69 174.7 26.6 40.0#

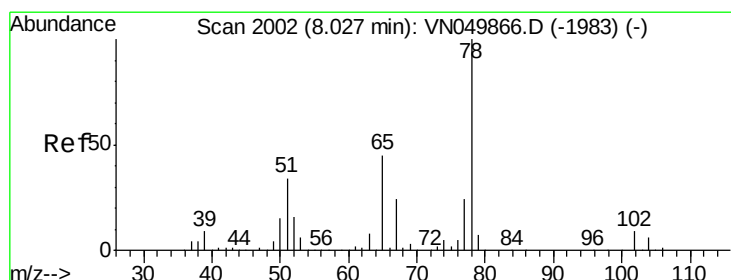
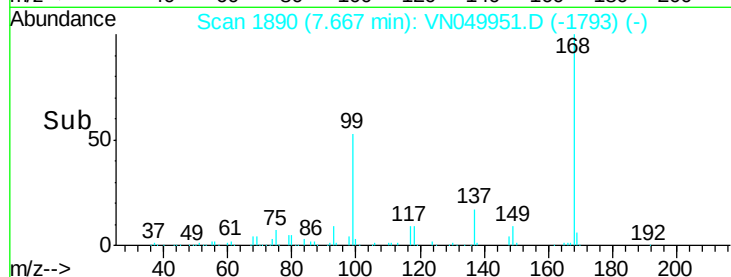
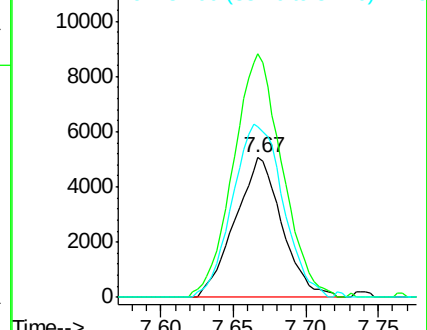
84 122.9 69.0 103.6#



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: 52.43 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049951.D

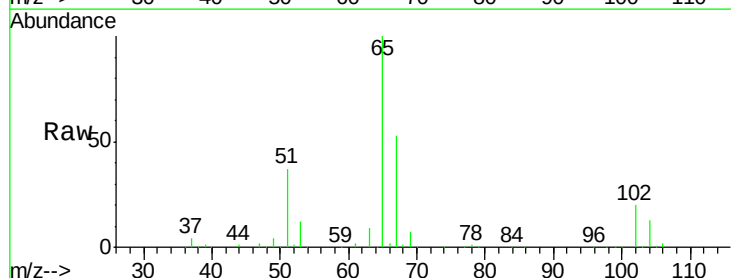
Acq: 20 Jul 2018 7:07

Tgt Ion: 65 Resp: 414551

Ion Ratio Lower Upper

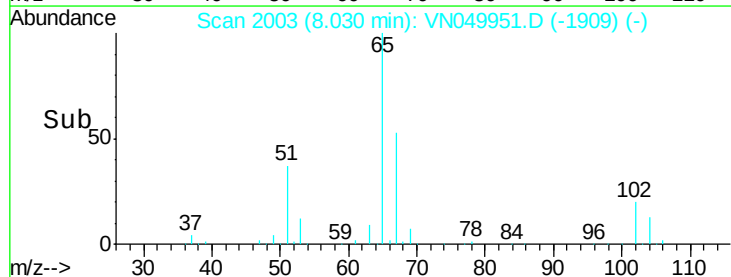
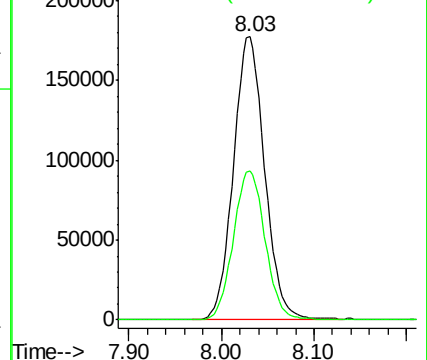
65 100

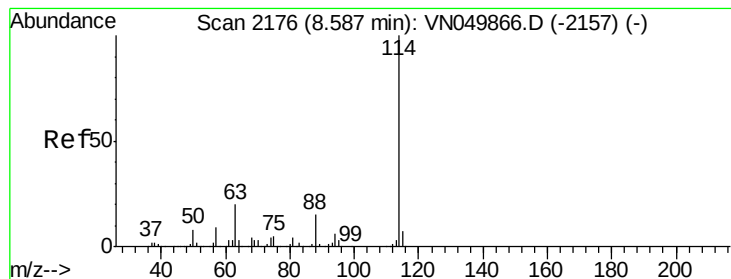
67 53.7 0.0 107.2



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# 2176

Delta R.T. 0.00 min

Lab File: VN049951.D

Acq: 20 Jul 2018 7:07

Instrument :

MSVOA_N

ClientSampleId :

SB3-U-23-13

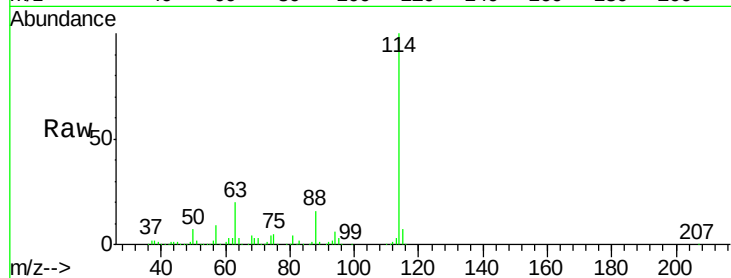
Tot Ion:114 Resp: 971122

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.8

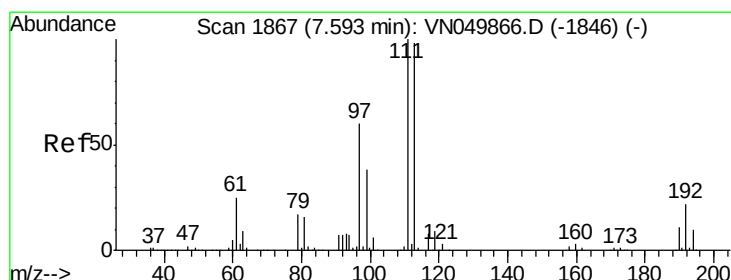
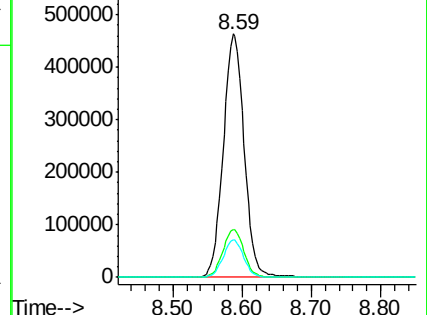
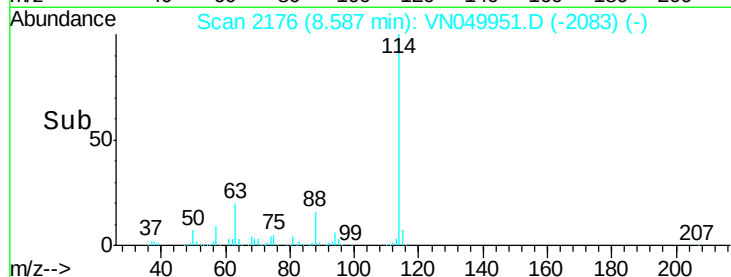
88 15.5 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 45.53 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049951.D

Acq: 20 Jul 2018 7:07

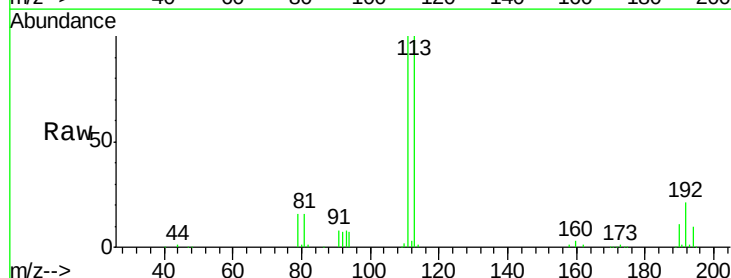
Tgt Ion:113 Resp: 371203

Ion Ratio Lower Upper

113 100

111 101.9 81.8 122.8

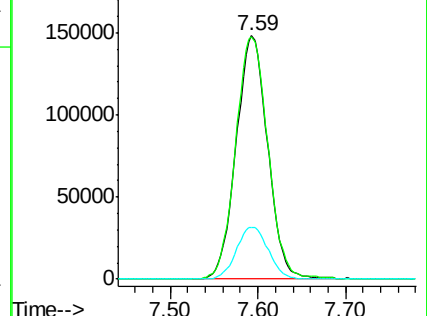
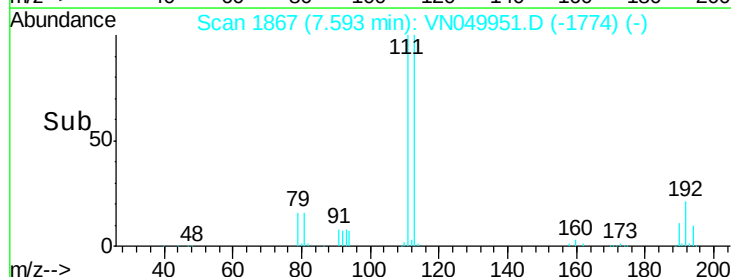
192 21.7 17.8 26.6

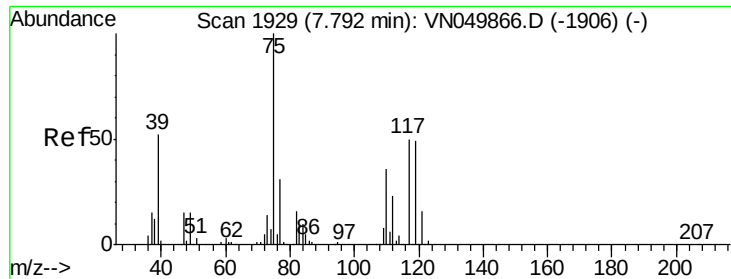


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

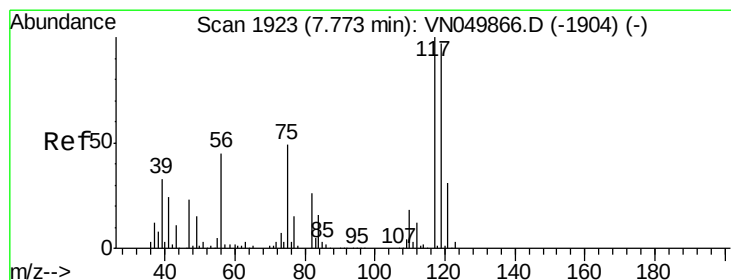
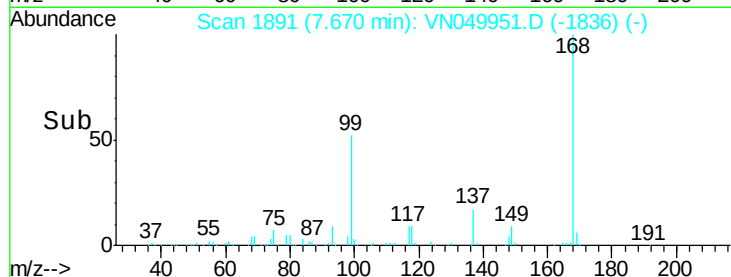
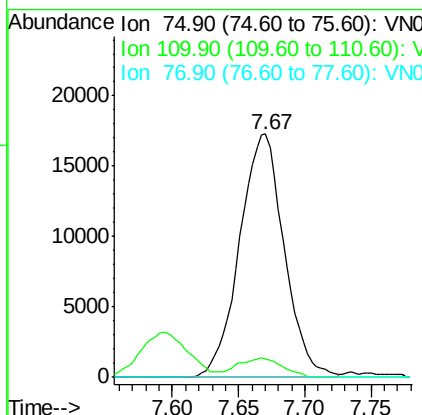
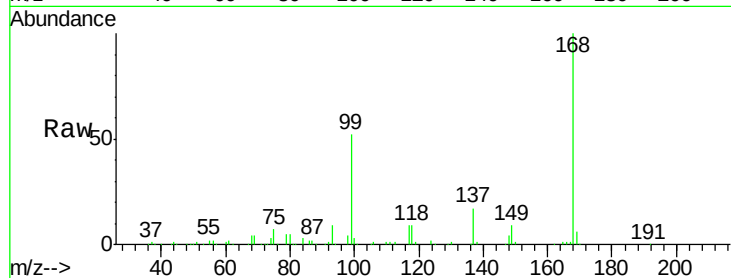




#36
 1,1-Dichloropropene
 Concen: 3.76 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.12 min
 Lab File: VN049951.D
 Acq: 20 Jul 2018 7:07

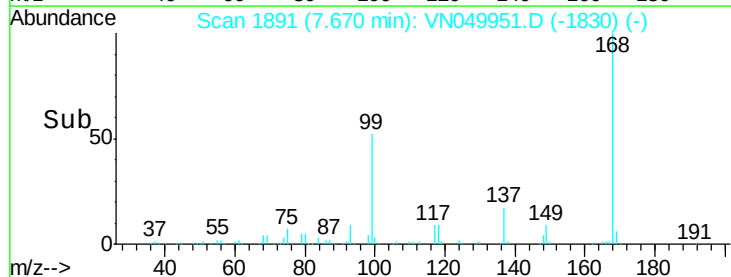
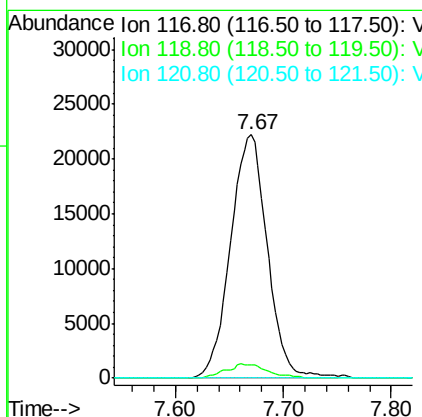
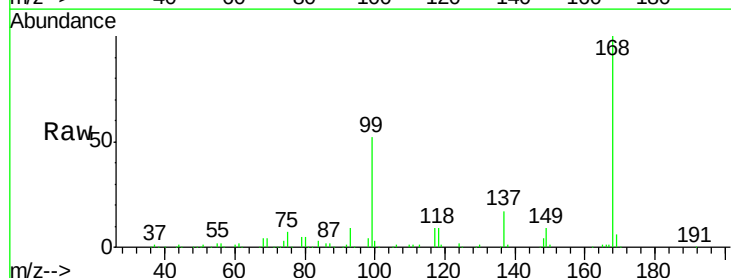
Instrument :
 MSVOA_N
 ClientSampleId :
 SB3-U-23-13

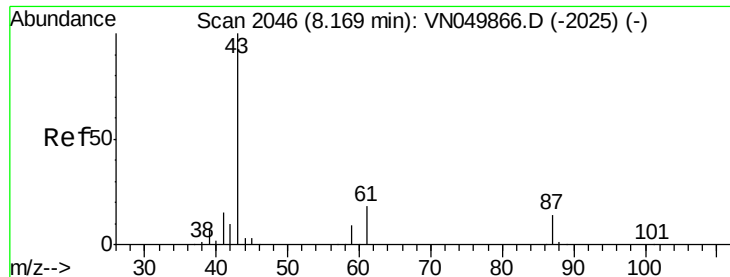
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.0	18.1	54.4#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 4.57 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.10 min
 Lab File: VN049951.D
 Acq: 20 Jul 2018 7:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.5	77.2	115.8#
121	0.0	25.0	37.6#



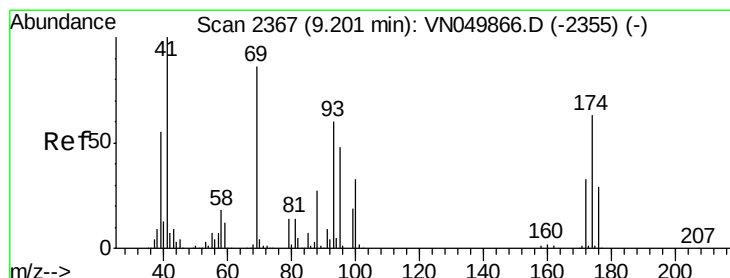
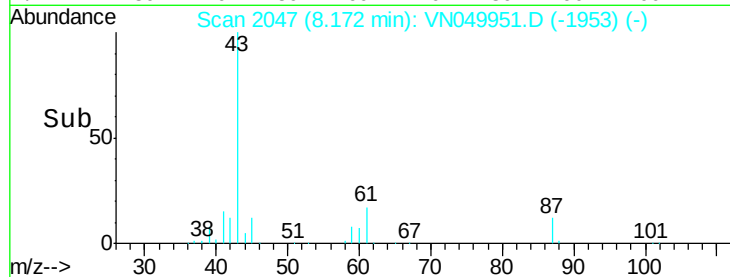
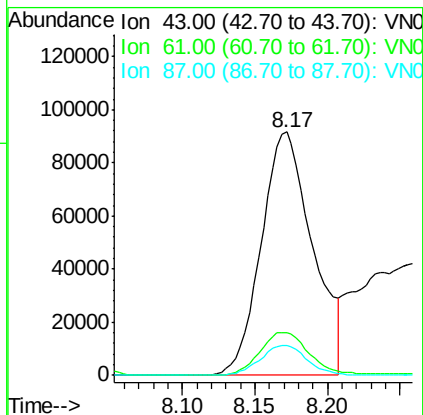
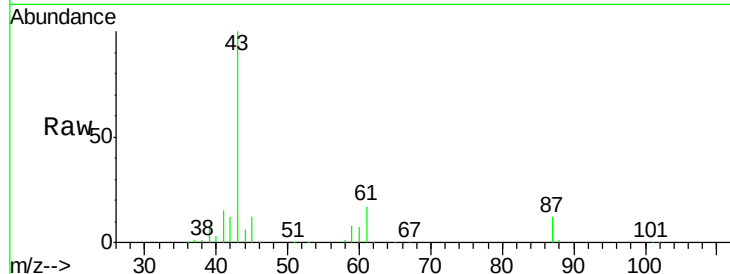


#43

Isopropyl Acetate
 Concen: 17.44 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN049951.D
 Acq: 20 Jul 2018 7:07

Instrument :
 MSVOA_N
 ClientSampled :
 SB3-U-23-13

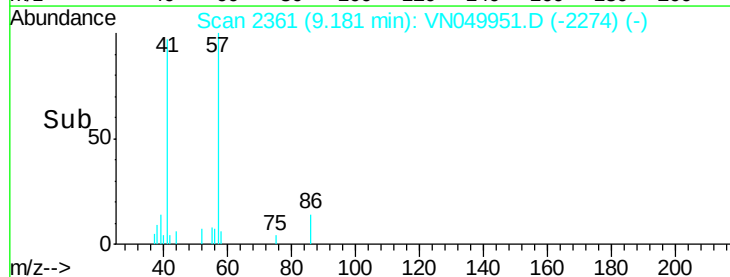
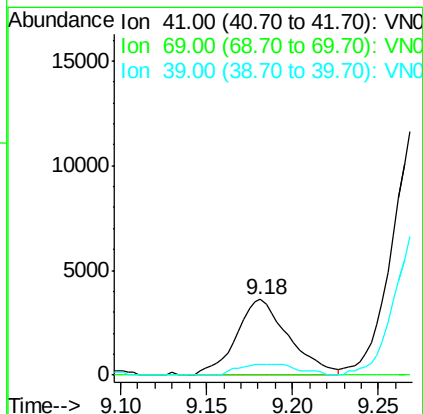
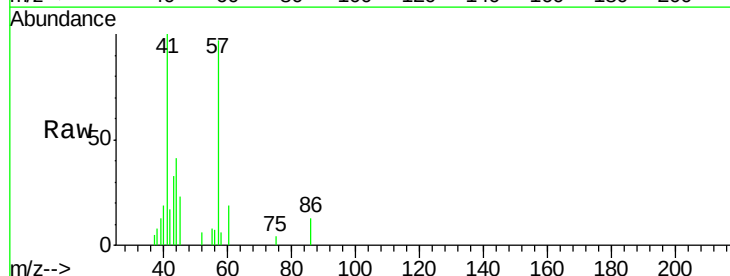
Tot Ion	43	61	87
Resp	225945		
Ratio	100	17.0	11.4
Lower		14.9	10.0
Upper		22.3	15.0

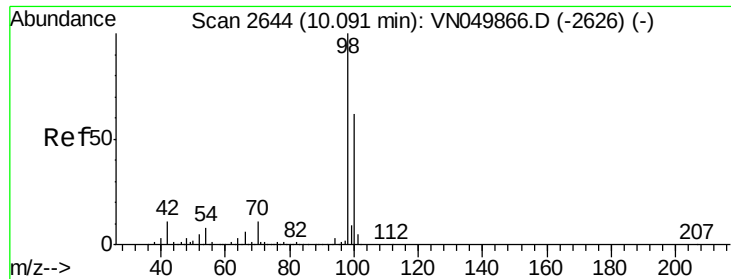


#48

Methyl methacrylate
 Concen: 1.18 ug/l
 RT: 9.18 min Scan# 2361
 Delta R.T. -0.02 min
 Lab File: VN049951.D
 Acq: 20 Jul 2018 7:07

Tgt Ion	41	69	39
Resp	7680		
Ratio	100	0.0	8.0
Lower		71.5	44.7
Upper		107.3#	67.1#





#50

Toluene-d8

Concen: 44.32 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049951.D

Acq: 20 Jul 2018 7:07

Instrument :

MSVOA_N

ClientSampleId :

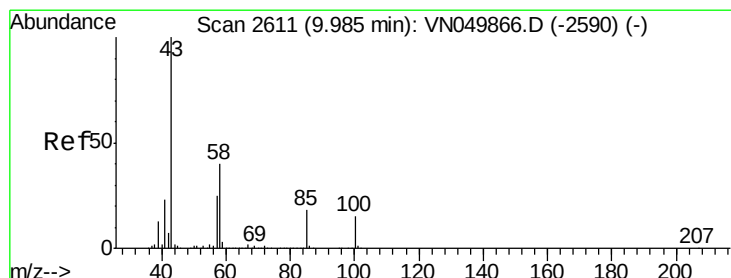
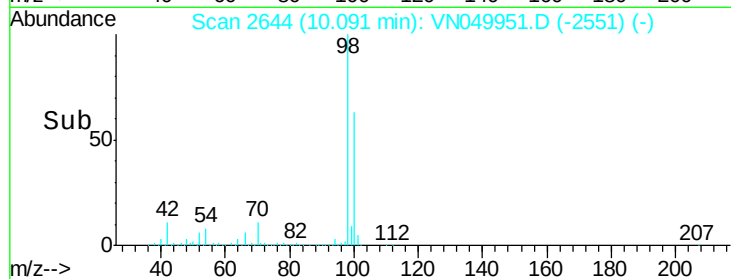
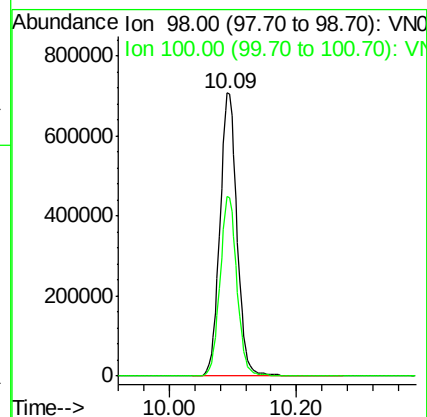
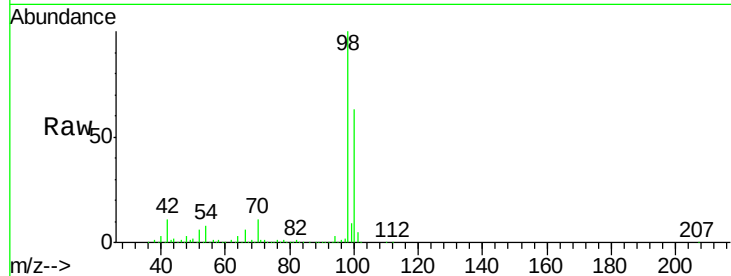
SB3-U-23-13

Tot Ion: 98 Resp: 1316574

Ion Ratio Lower Upper

98 100

100 62.7 51.7 77.5



#51

4-Methyl-2-Pentanone

Concen: 0.30 ug/l

RT: 9.99 min Scan# 2613

Delta R.T. 0.01 min

Lab File: VN049951.D

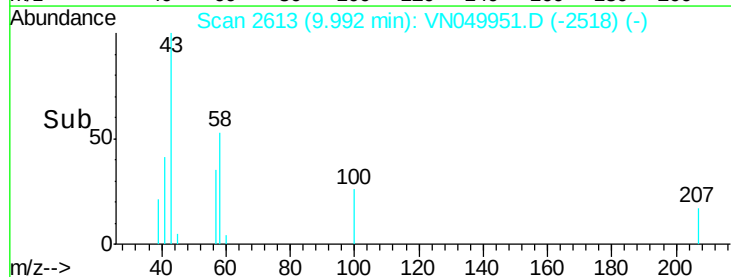
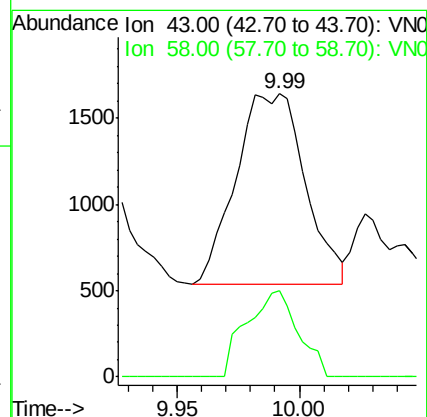
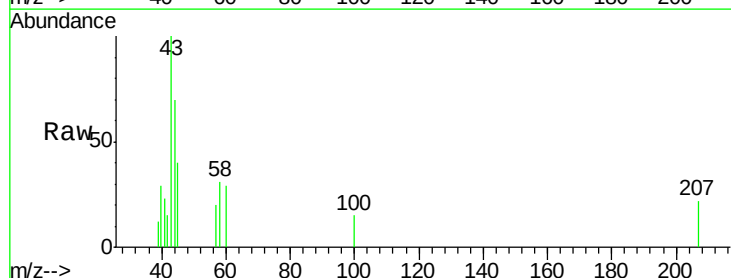
Acq: 20 Jul 2018 7:07

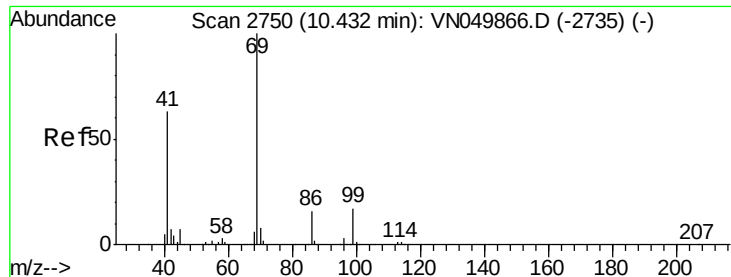
Tgt Ion: 43 Resp: 2182

Ion Ratio Lower Upper

43 100

58 33.7 31.8 47.8





#56

Ethyl methacrylate

Concen: 2.34 ug/l

RT: 10.23 min Scan# 2686

Delta R.T. -0.21 min

Lab File: VN049951.D

Acq: 20 Jul 2018 7:07

Instrument :

MSVOA_N

ClientSampled :

SB3-U-23-13

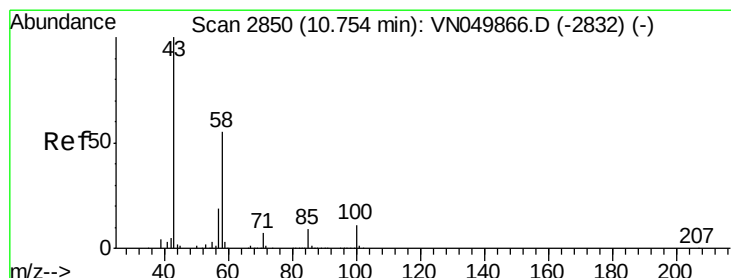
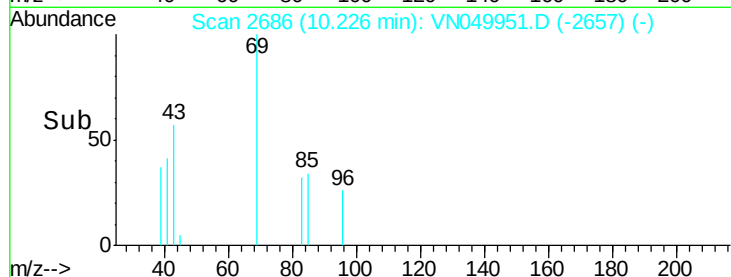
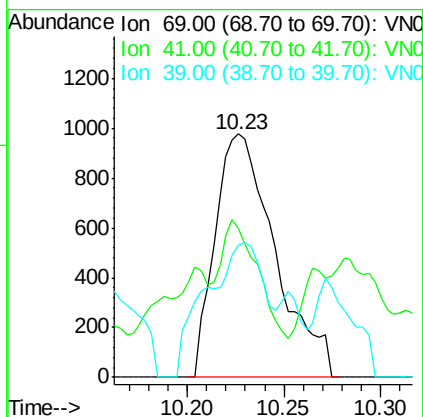
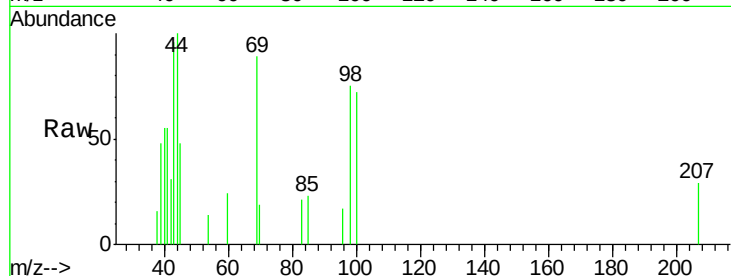
Tot Ion: 69 Resp: 2103

Ion Ratio Lower Upper

69 100

41 28.2 51.6 77.4#

39 55.4 25.8 38.8#



#59

2-Hexanone

Concen: 3.39 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN049951.D

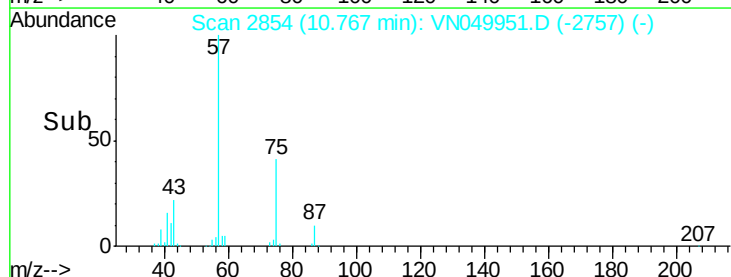
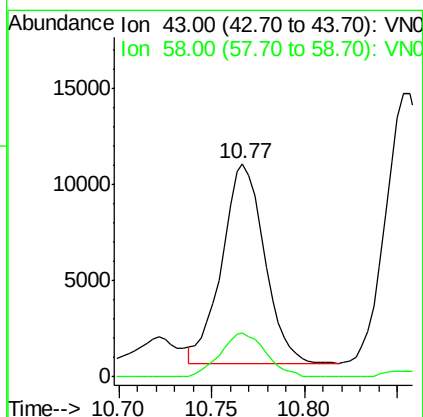
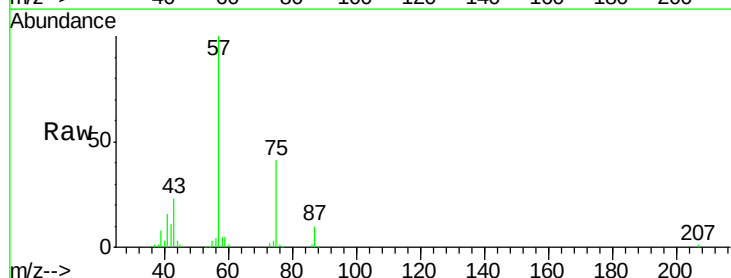
Acq: 20 Jul 2018 7:07

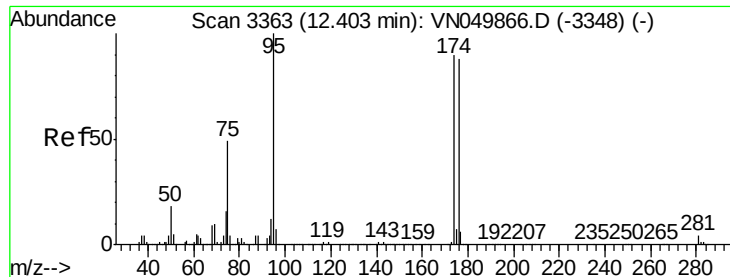
Tgt Ion: 43 Resp: 16482

Ion Ratio Lower Upper

43 100

58 23.6 27.8 83.4#





#62

4-Bromofluorobenzene

Concen: 35.82 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049951.D

Acq: 20 Jul 2018 7:07

Instrument :

MSVOA_N

ClientSampled :

SB3-U-23-13

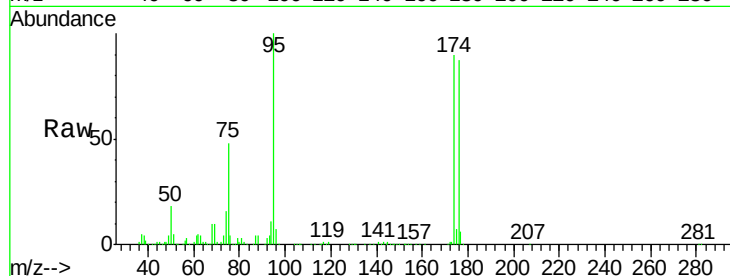
Tot Ion: 95 Resp: 366442

Ion Ratio Lower Upper

95 100

174 90.1 0.0 179.6

176 87.4 0.0 174.0

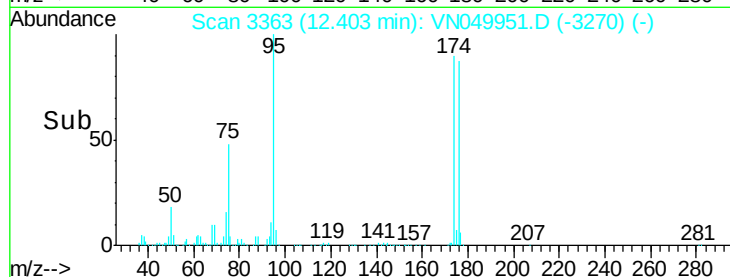


Abundance Ion 94.90 (94.60 to 95.60): VN049951.D (-3270) (-)

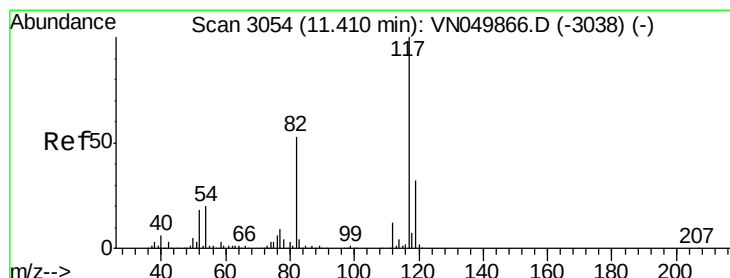
Ion 173.80 (173.50 to 174.50): VN049951.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049951.D (-3270) (-)

Time--> 12.30 12.40 12.50



Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049951.D

Acq: 20 Jul 2018 7:07

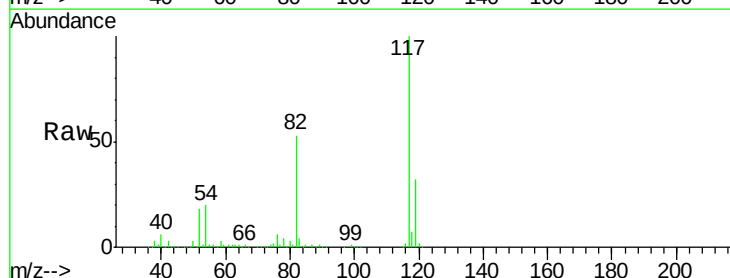
Tgt Ion: 117 Resp: 821137

Ion Ratio Lower Upper

117 100

82 53.1 41.9 62.9

119 31.8 25.4 38.2

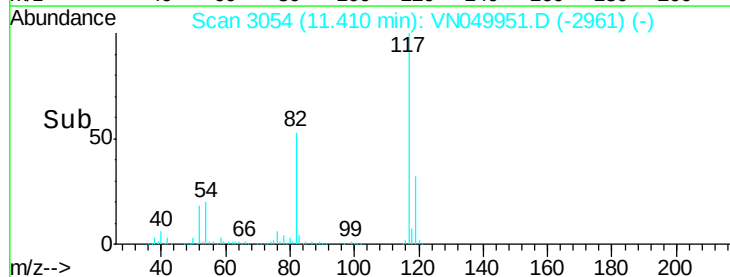


Abundance Ion 116.90 (116.60 to 117.60): VN049951.D (-2961) (-)

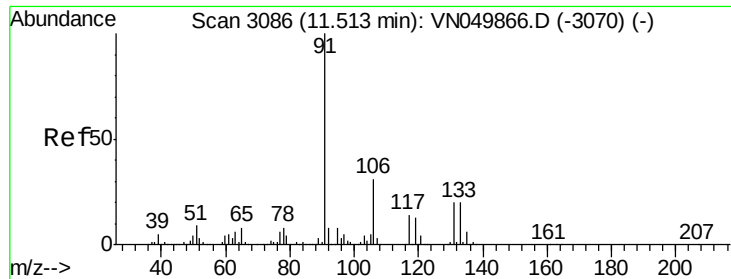
Ion 82.00 (81.70 to 82.70): VN049951.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049951.D (-2961) (-)

Time--> 11.30 11.40 11.50



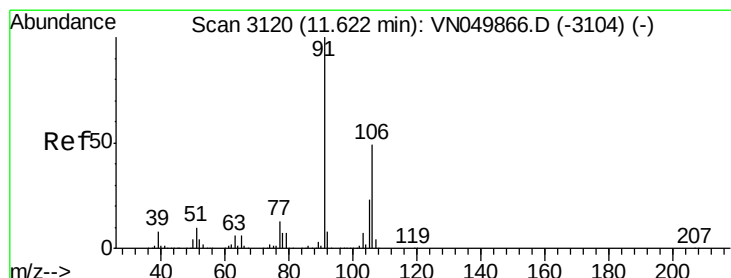
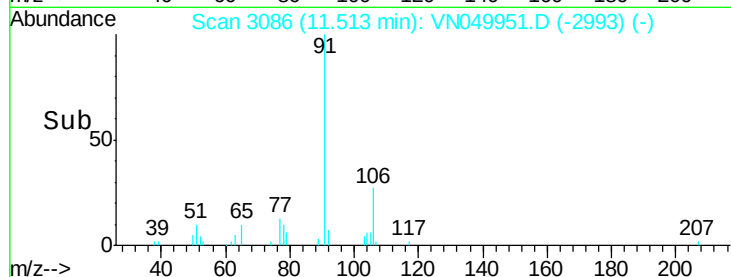
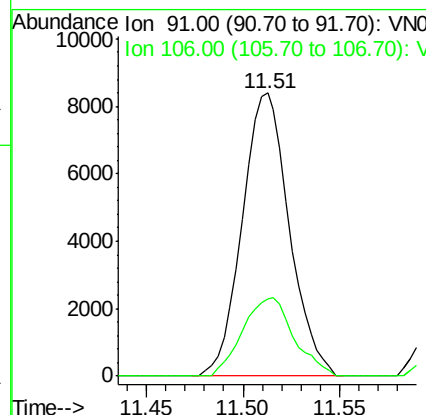
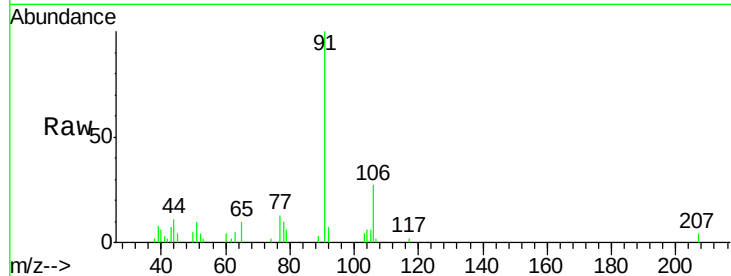
Time--> 11.30 11.40 11.50



#67
Ethyl Benzene
Concen: 0.42 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049951.D
Acq: 20 Jul 2018 7:07

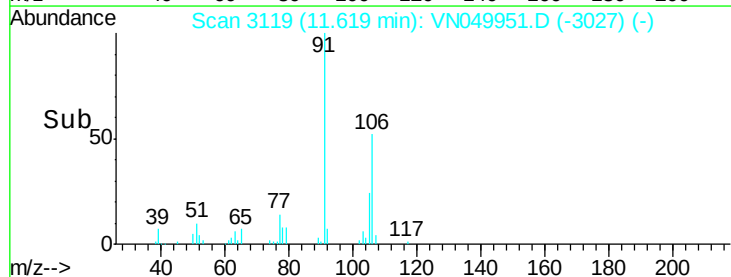
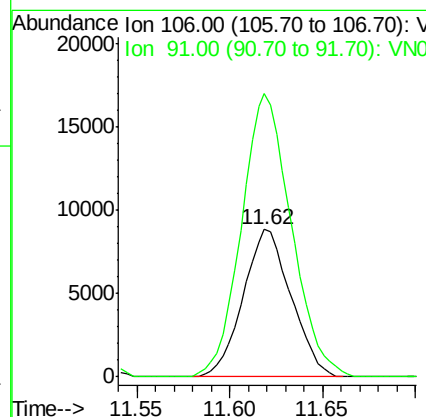
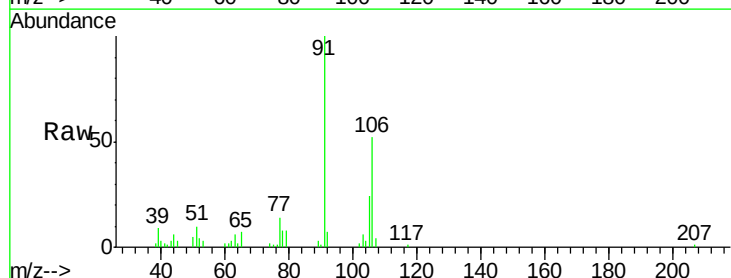
Instrument :
MSVOA_N
ClientSampled :
SB3-U-23-13

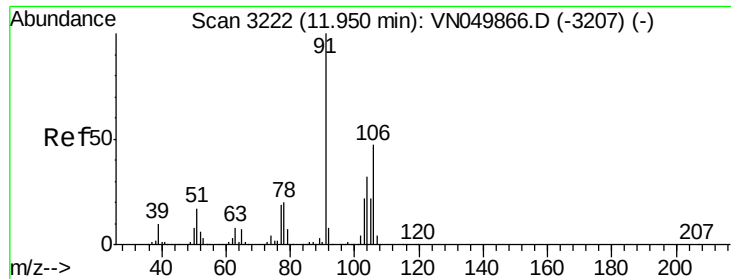
Tot Ion: 91 Resp: 14181
Ion Ratio Lower Upper
91 100
106 27.4 24.8 37.2



#68
m/p-Xylenes
Concen: 1.25 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN049951.D
Acq: 20 Jul 2018 7:07

Tgt Ion: 106 Resp: 15882
Ion Ratio Lower Upper
106 100
91 199.0 163.4 245.2

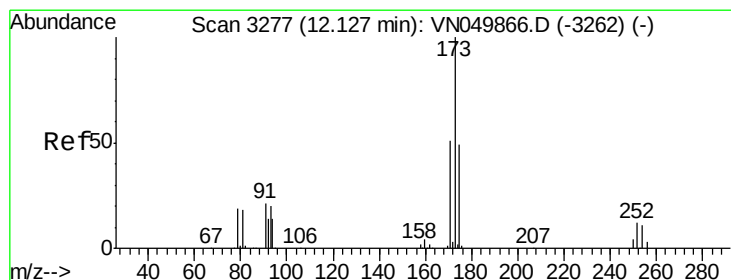
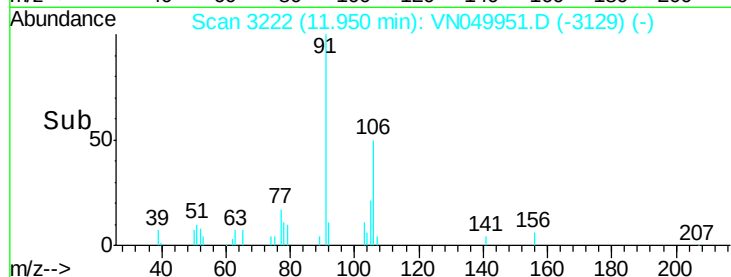
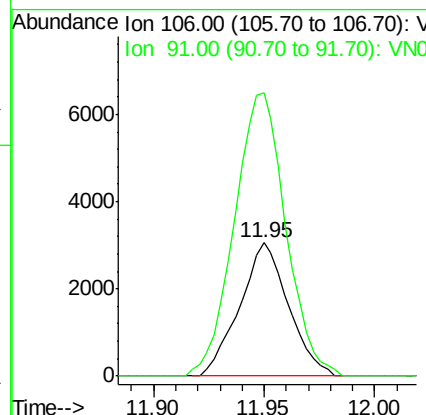
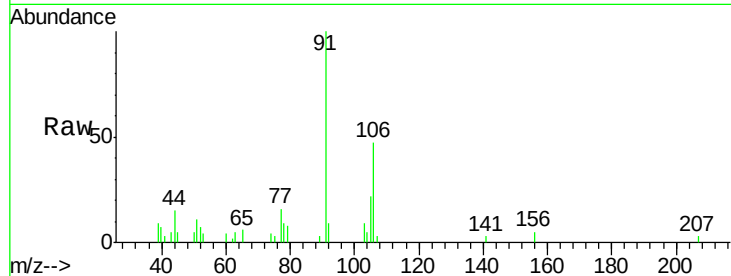




#69
o-Xylene
Concen: 0.39 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049951.D
Acq: 20 Jul 2018 7:07

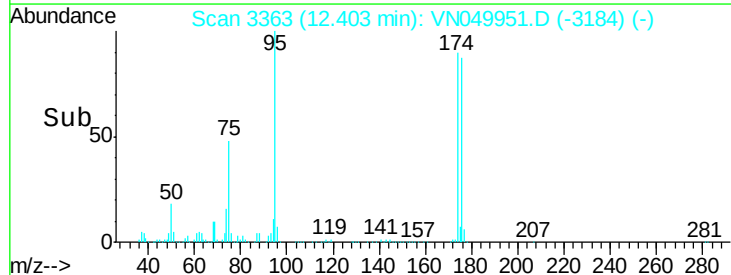
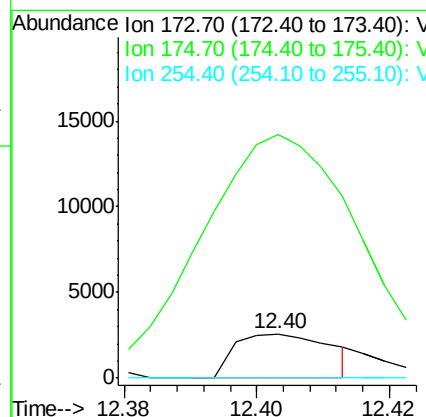
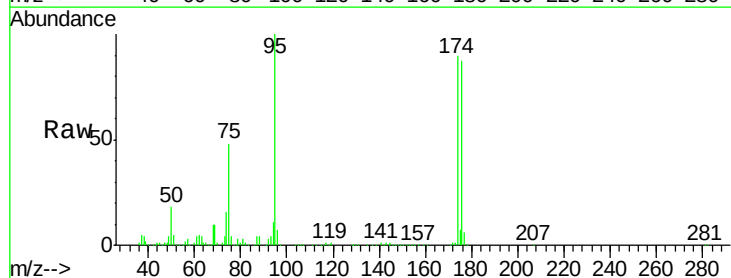
Instrument :
MSVOA_N
ClientSampled :
SB3-U-23-13

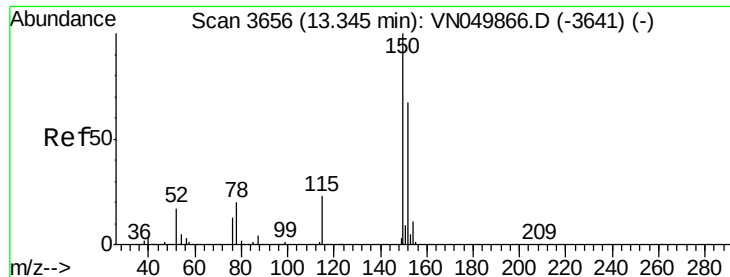
Tot Ion:106 Resp: 4687
Ion Ratio Lower Upper
106 100
91 223.9 108.7 326.1



#71
Bromoform
Concen: 0.45 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.28 min
Lab File: VN049951.D
Acq: 20 Jul 2018 7:07

Tgt Ion:173 Resp: 2581
Ion Ratio Lower Upper
173 100
175 779.1 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# 3656

Delta R.T. 0.00 min

Lab File: VN049951.D

Acq: 20 Jul 2018 7:07

Instrument :

MSVOA_N

ClientSampleId :

SB3-U-23-13

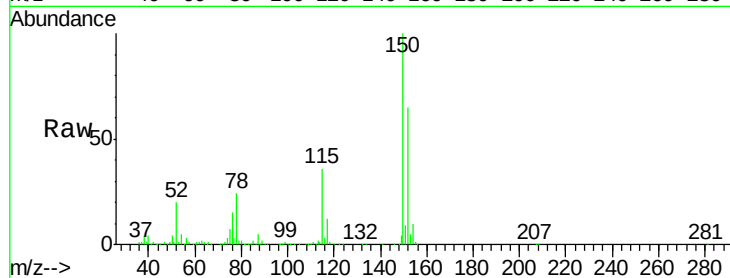
Tot Ion:152 Resp: 315370

Ion Ratio Lower Upper

152 100

115 56.6 28.1 84.2

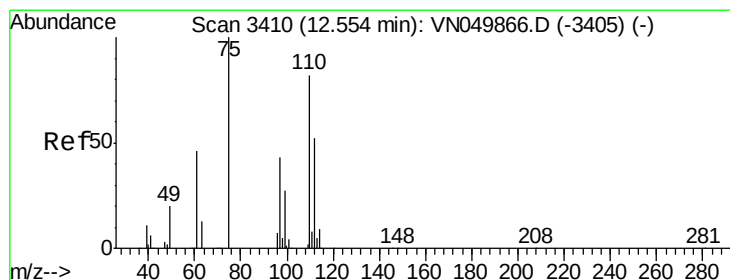
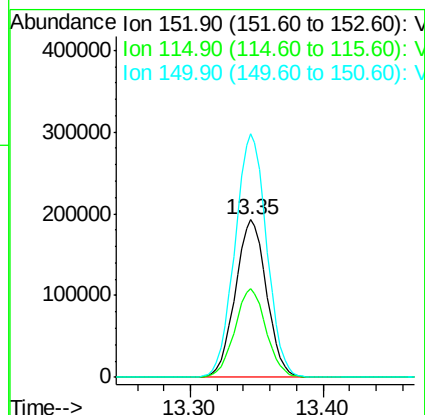
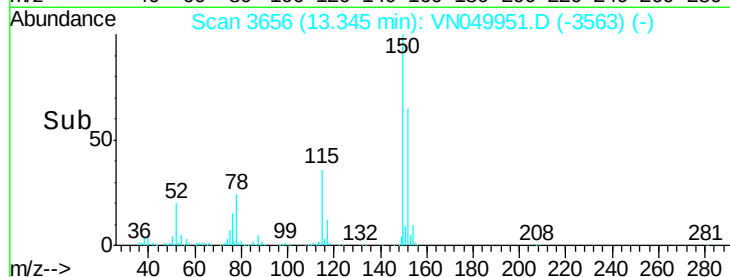
150 156.3 0.0 347.6



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: 30.11 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049951.D

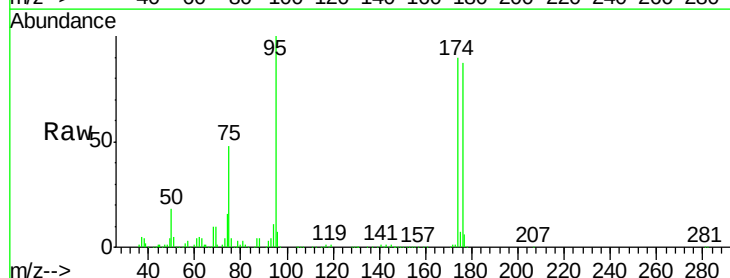
Acq: 20 Jul 2018 7:07

Tgt Ion: 75 Resp: 178125

Ion Ratio Lower Upper

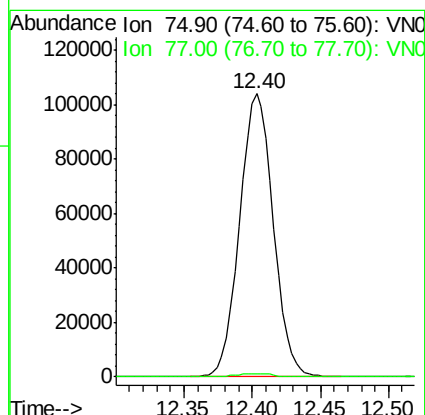
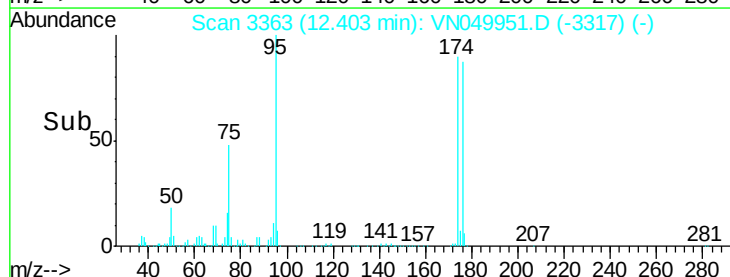
75 100

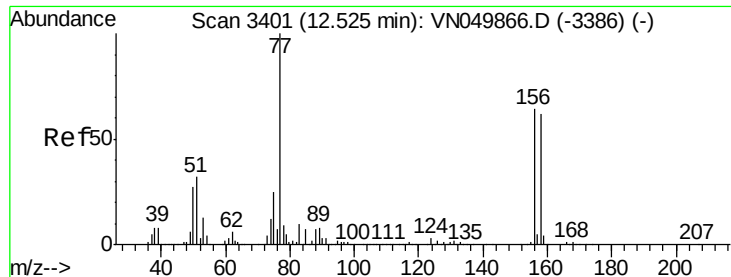
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#77

Bromobenzene

Concen: 0.29 ug/l

RT: 12.54 min Scan# 3406

Delta R.T. 0.02 min

Lab File: VN049951.D

Acq: 20 Jul 2018 7:07

Instrument :

MSVOA_N

ClientSampled :

SB3-U-23-13

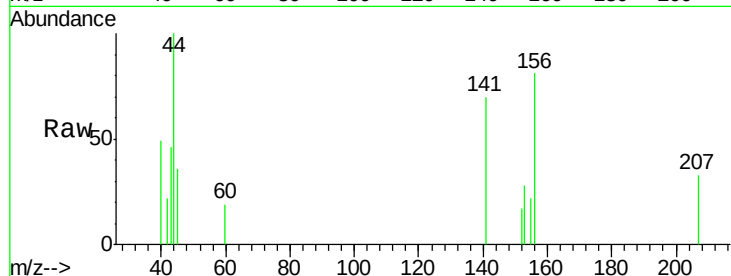
Tot Ion:156 Resp: 1899

Ion Ratio Lower Upper

156 100

77 0.0 90.2 270.6#

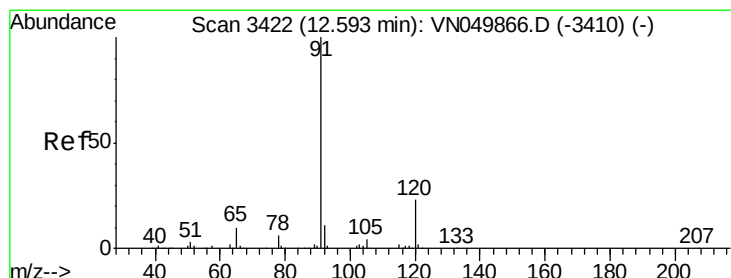
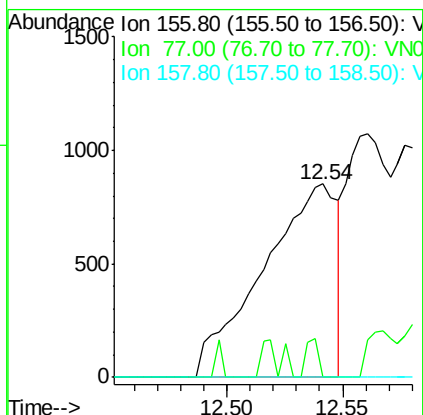
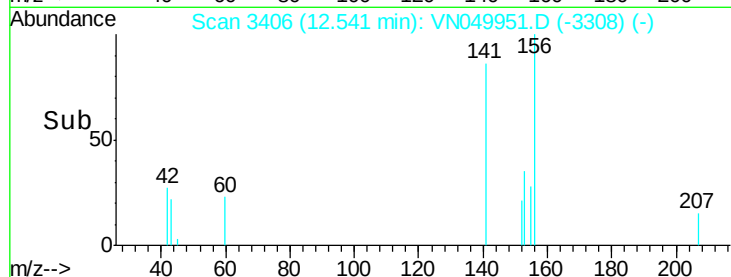
158 0.0 49.1 147.3#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.38 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049951.D

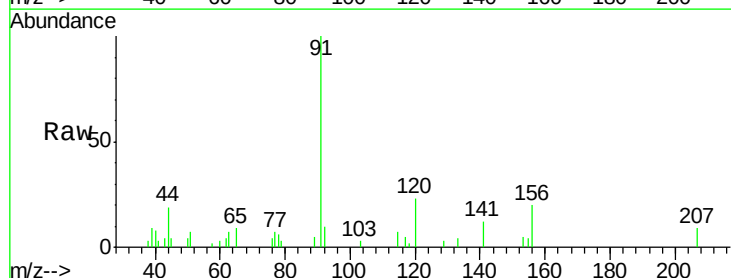
Acq: 20 Jul 2018 7:07

Tgt Ion: 91 Resp: 10457

Ion Ratio Lower Upper

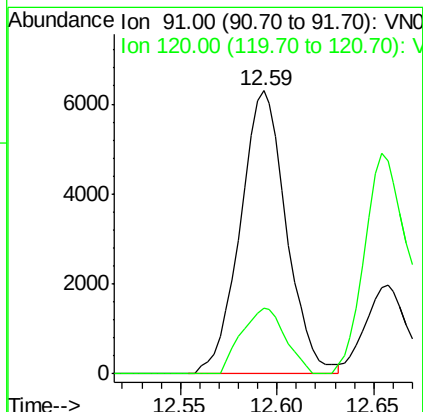
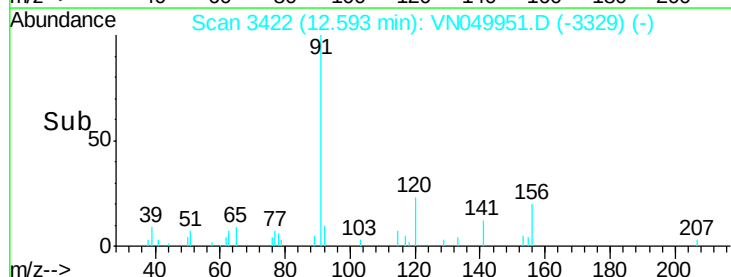
91 100

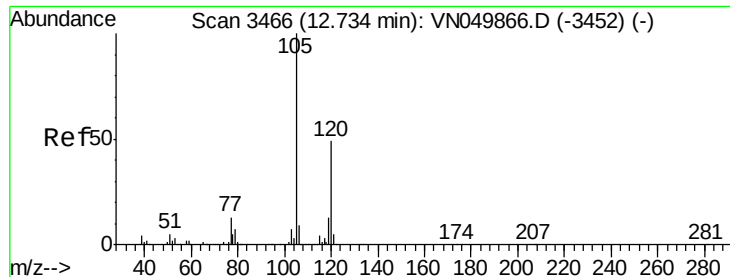
120 22.0 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 0.77 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049951.D

Acq: 20 Jul 2018 7:07

Instrument :

MSVOA_N

ClientSampled :

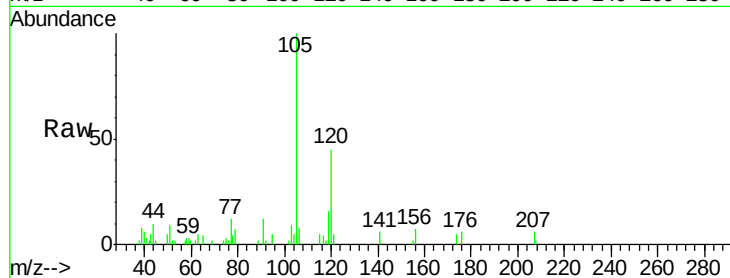
SB3-U-23-13

Tot Ion:105 Resp: 14761

Ion Ratio Lower Upper

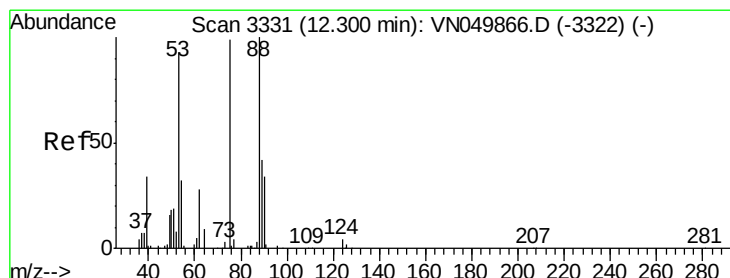
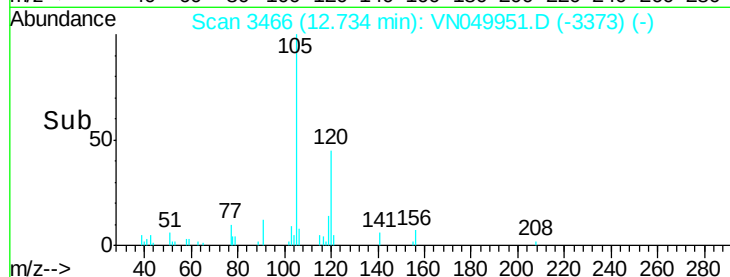
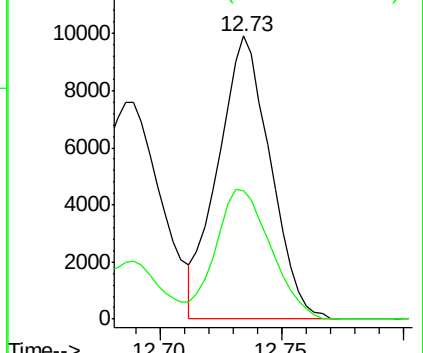
105 100

120 48.2 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: 94.15 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049951.D

Acq: 20 Jul 2018 7:07

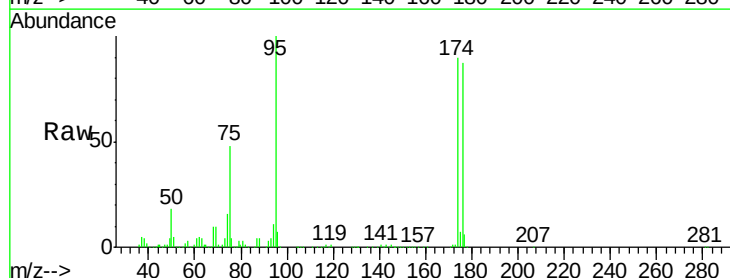
Tgt Ion: 75 Resp: 178125

Ion Ratio Lower Upper

75 100

53 0.2 73.9 110.9#

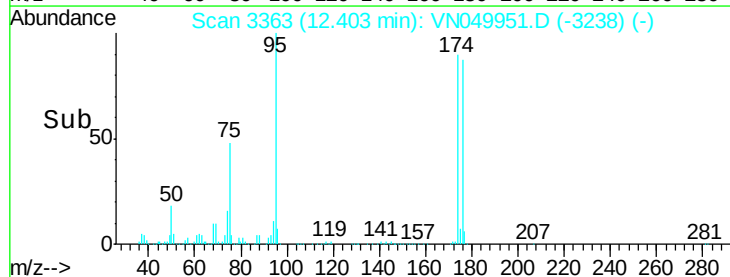
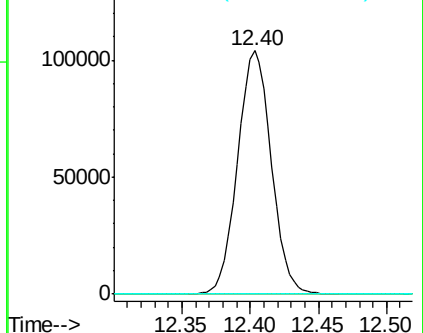
89 0.0 35.9 53.9#

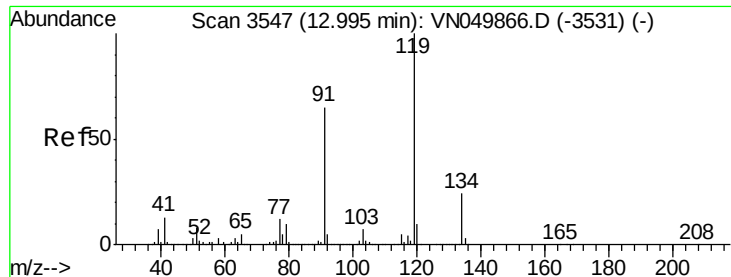


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

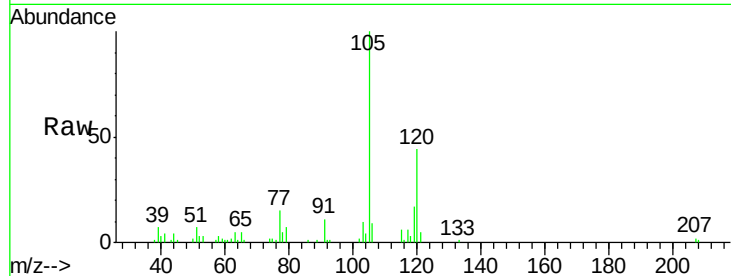




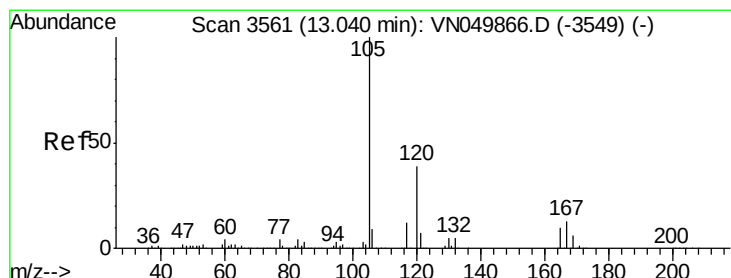
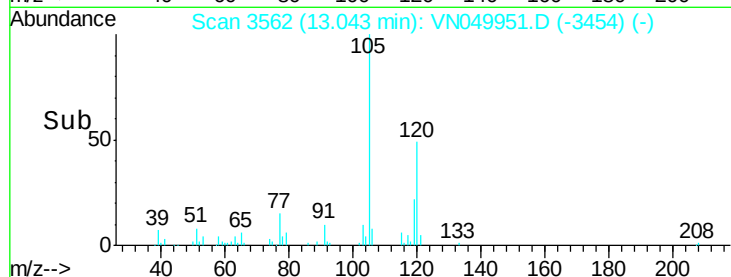
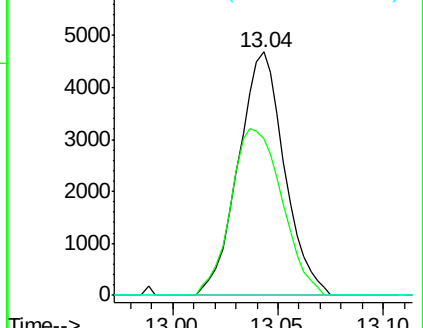
#83
 tert-Butylbenzene
 Concen: 0.42 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.05 min
 Lab File: VN049951.D
 Acq: 20 Jul 2018 7:07

Instrument :
 MSVOA_N
 ClientSampled :
 SB3-U-23-13

Tot Ion:119 Resp: 7117
 Ion Ratio Lower Upper
 119 100
 91 76.0 32.0 96.2
 134 0.0 12.8 38.4#

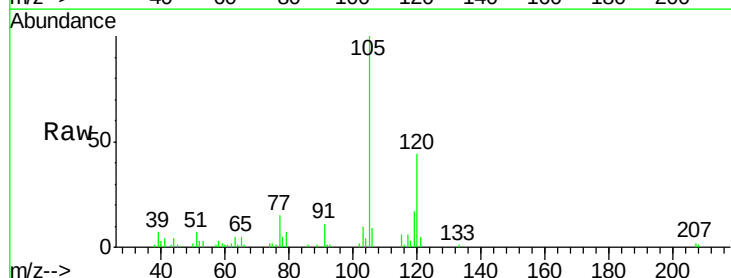


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

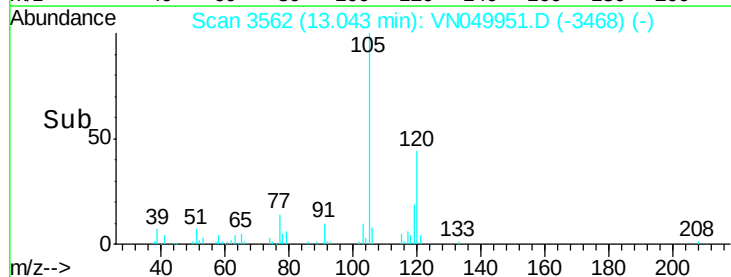
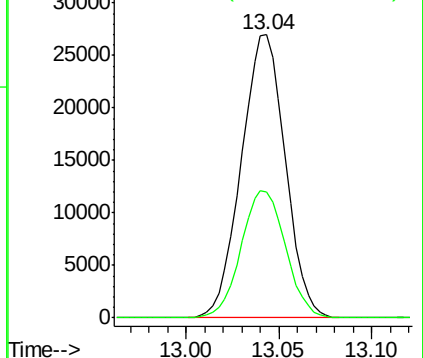


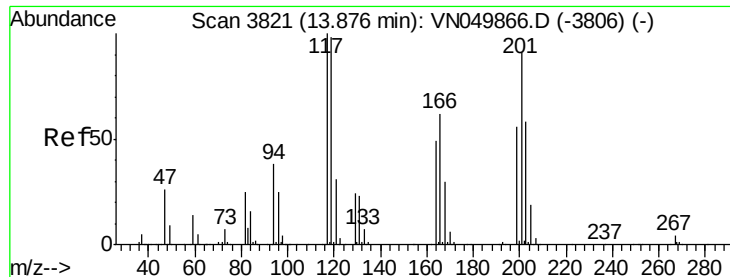
#84
 1,2,4-Trimethylbenzene
 Concen: 2.28 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049951.D
 Acq: 20 Jul 2018 7:07

Tgt Ion:105 Resp: 44423
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#90

Hexachloroethane

Concen: 0.37 ug/l

RT: 13.89 min Scan# 3825

Delta R.T. 0.01 min

Lab File: VN049951.D

Acq: 20 Jul 2018 7:07

Instrument :

MSVOA_N

ClientSampled :

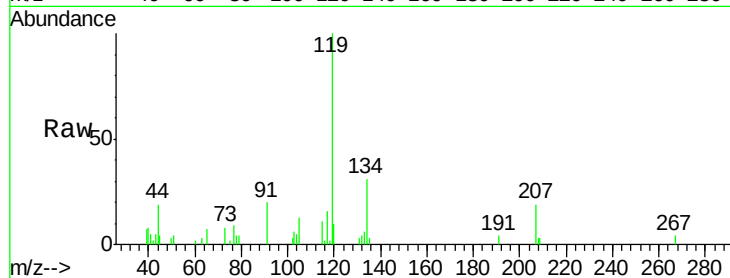
SB3-U-23-13

Tot Ion:117 Resp: 1574

Ion Ratio Lower Upper

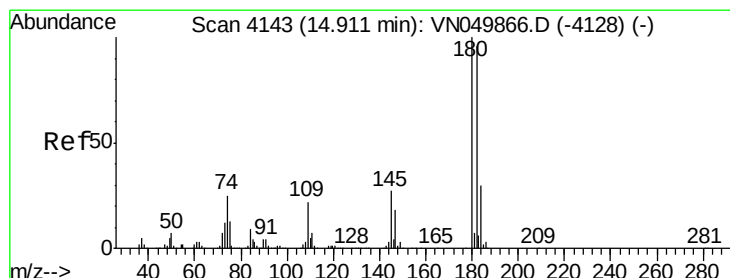
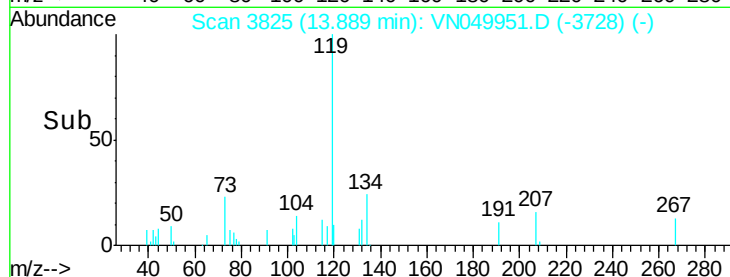
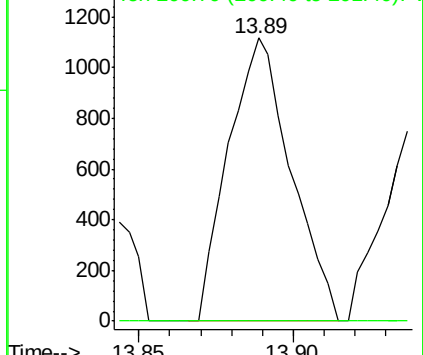
117 100

201 0.0 45.3 135.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 3.49 ug/l

RT: 14.91 min Scan# 4142

Delta R.T. -0.00 min

Lab File: VN049951.D

Acq: 20 Jul 2018 7:07

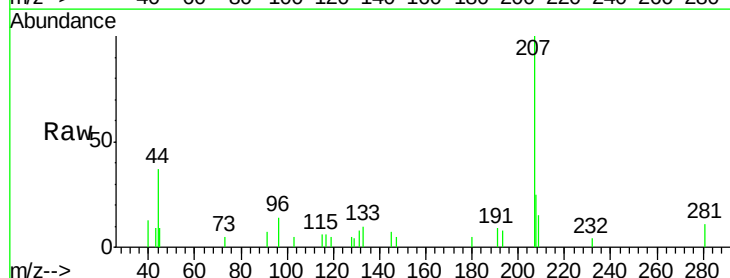
Tgt Ion:180 Resp: 69

Ion Ratio Lower Upper

180 100

182 0.0 47.3 141.9#

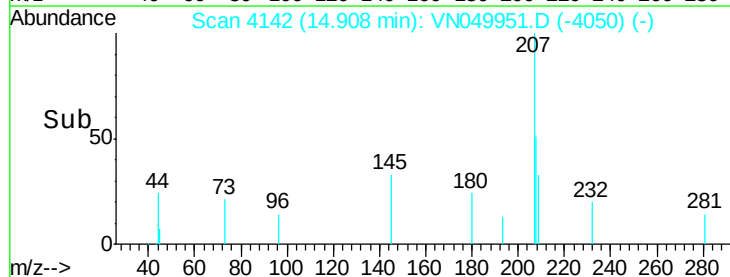
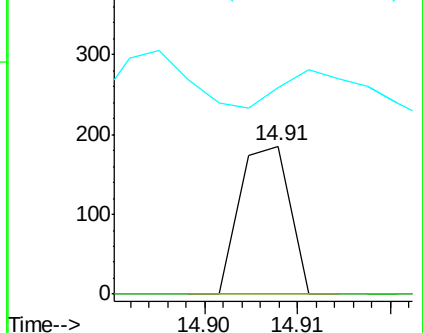
145 202.9 14.4 43.0#

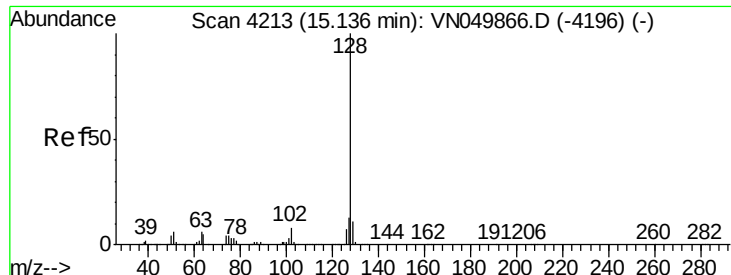


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 5.27 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049951.D

Acq: 20 Jul 2018 7:07

Instrument :

MSVOA_N

ClientSampleId :

SB3-U-23-13

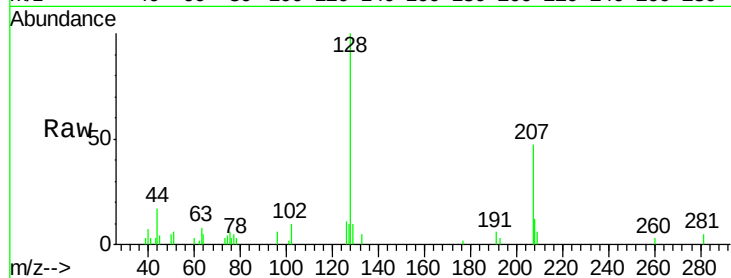
Tot Ion:128 Resp: 12809

Ion Ratio Lower Upper

128 100

127 6.6 10.4 15.6#

129 10.8 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

