

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091018\
 Data File : VN051104.D
 Acq On : 11 Sep 2018 2:49
 Operator : MD\SY
 Sample : J4779-03
 Misc : 5.93g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-090618-B

Quant Time: Sep 11 04:38:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	562872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	854772	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	750314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	317621	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	332899	53.15	ug/l	0.00
Spiked Amount			Recovery	=	106.30%	
35) Dibromofluoromethane	7.59	113	320077	49.83	ug/l	0.00
Spiked Amount			Recovery	=	99.66%	
50) Toluene-d8	10.09	98	1182685	48.52	ug/l	0.00
Spiked Amount			Recovery	=	97.04%	
62) 4-Bromofluorobenzene	12.40	95	344296	42.70	ug/l	0.00
Spiked Amount			Recovery	=	85.40%	

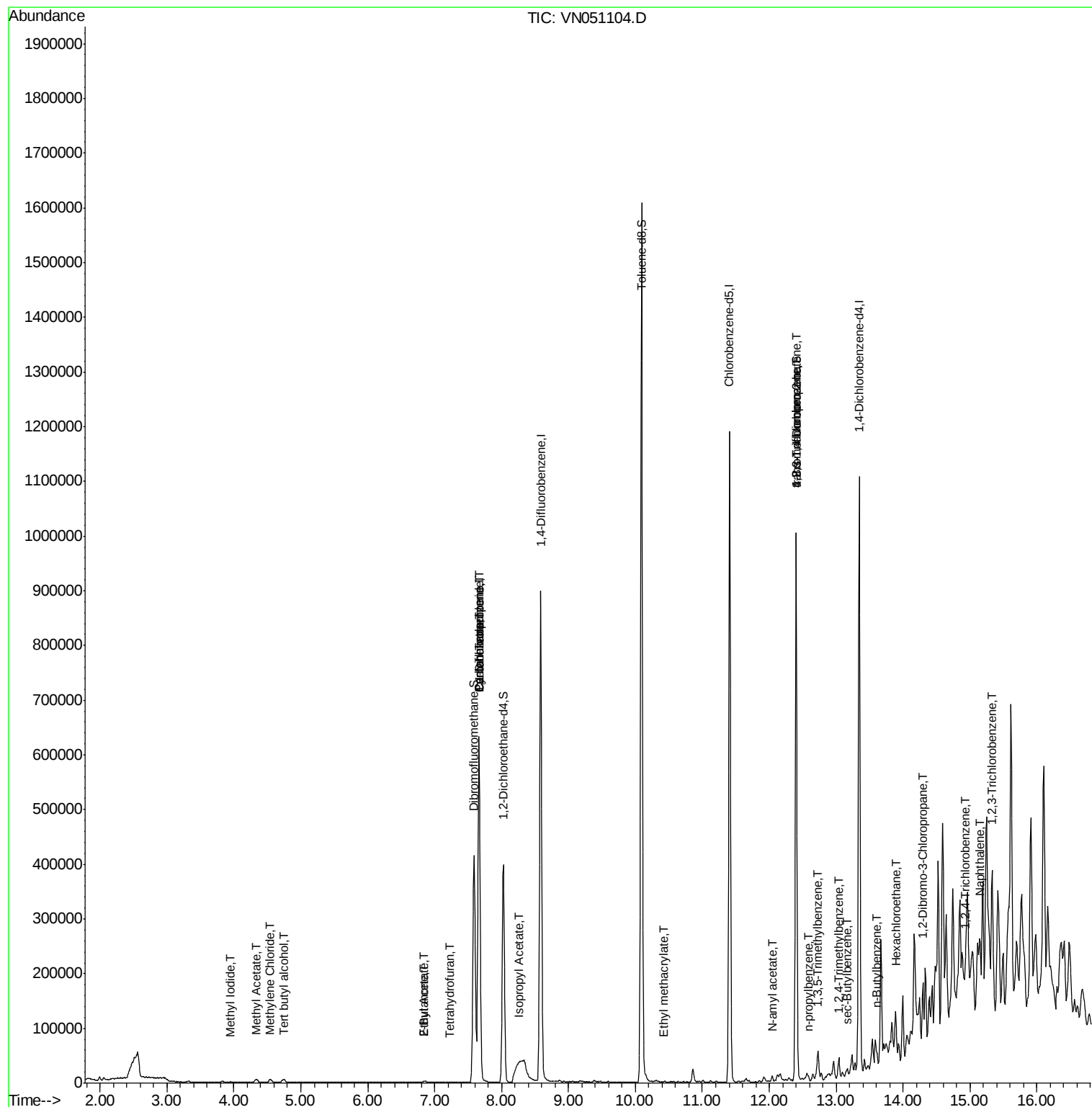
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.60	94	137	Below Cal	#	4
10) Methyl Iodide	3.94	142	2222	5.96	ug/l #	46
11) Tert butyl alcohol	4.74	59	4313	9.01	ug/l #	73
16) Acetone	3.83	43	1482	Below Cal		93
18) Methyl Acetate	4.32	43	11248	2.24	ug/l #	83
20) Methylene Chloride	4.54	84	4595	0.66	ug/l #	88
25) 2-Butanone	6.84	43	2603	1.06	ug/l	91
29) Tetrahydrofuran	7.23	42	603	0.39	ug/l #	31
31) Cyclohexane	7.66	56	9084	0.66	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	34385	3.66	ug/l #	49
37) Ethyl Acetate	6.84	43	2603	0.48	ug/l #	66
38) Carbon Tetrachloride	7.66	117	49245	5.33	ug/l #	16
43) Isopropyl Acetate	8.26	43	52115	5.43	ug/l #	51
56) Ethyl methacrylate	10.43	69	63	2.46	ug/l #	1
74) N-amyl acetate	12.04	43	2312	0.34	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.49	83	263	Below Cal	#	69
76) 1,2,3-Trichloropropane	12.40	75	160343	32.03	ug/l #	100
78) n-propylbenzene	12.59	91	6130	0.21	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	4700	0.22	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	160343	95.87	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	19950	0.94	ug/l	96
85) sec-Butylbenzene	13.17	105	5087	0.21	ug/l	81
89) n-Butylbenzene	13.61	91	10960	0.68	ug/l #	79
90) Hexachloroethane	13.89	117	4166	0.50	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	14.29	75	333	1.02	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	978	4.14	ug/l #	69
95) Naphthalene	15.13	128	16669	6.59	ug/l #	80
96) 1,2,3-Trichlorobenzene	15.34	180	1473	3.20	ug/l #	12

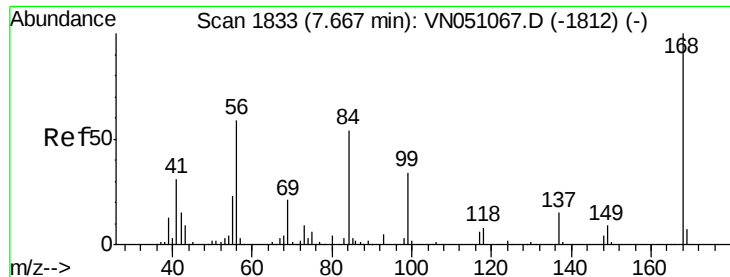
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN051104.D

Acq: 11 Sep 2018 2:49

Instrument :

MSVOA_N

ClientSampleId :

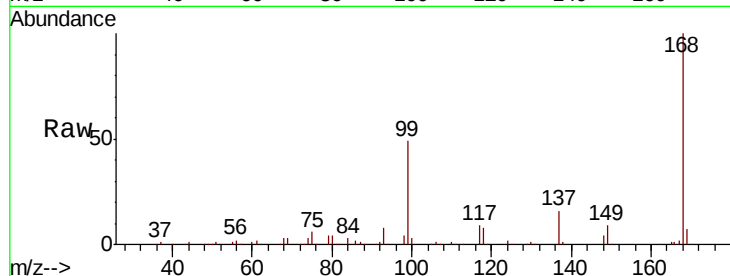
SU-03-090618-B

Tot Ion:168 Resp: 562872

Ion Ratio Lower Upper

168 100

99 49.3 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): VN051104.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN051104.D (-1740) (-)

7.66

250000

200000

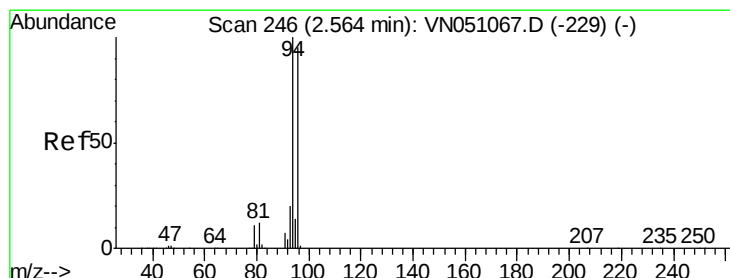
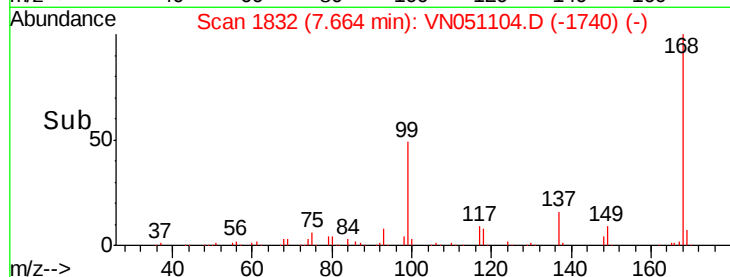
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.60 min Scan# 256

Delta R.T. 0.03 min

Lab File: VN051104.D

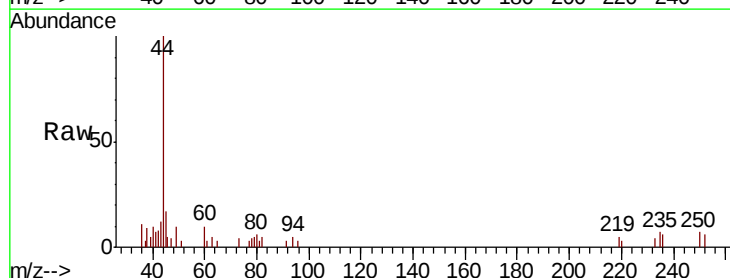
Acq: 11 Sep 2018 2:49

Tgt Ion: 94 Resp: 137

Ion Ratio Lower Upper

94 100

96 1.6 75.9 113.9#



Abundance Ion 93.90 (93.60 to 94.60): VN051104.D (-153) (-)

Ion 95.90 (95.60 to 96.60): VN051104.D (-153) (-)

2.60

300

250

200

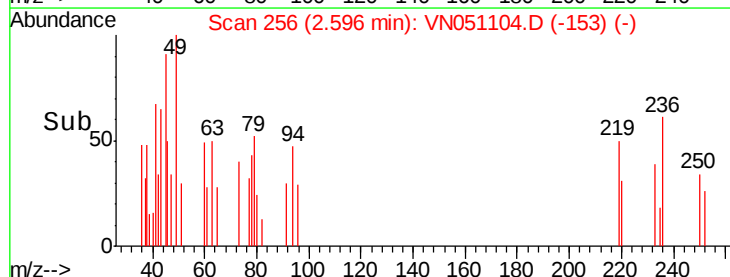
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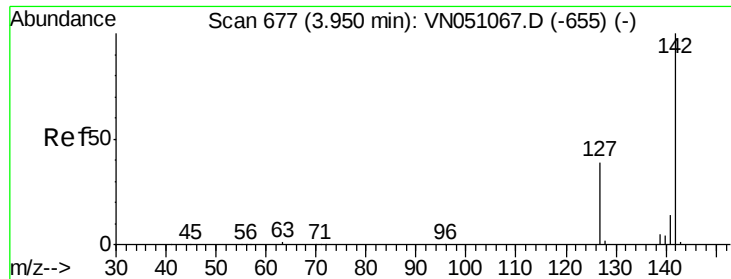
100

50

0

Time-->

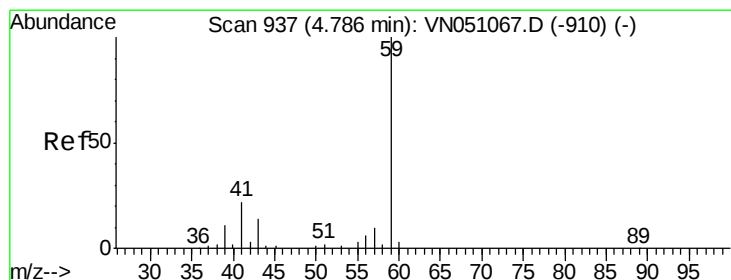
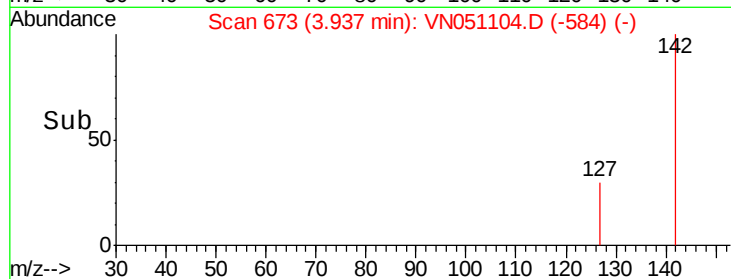
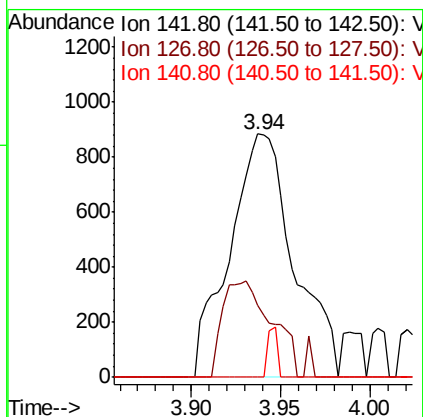
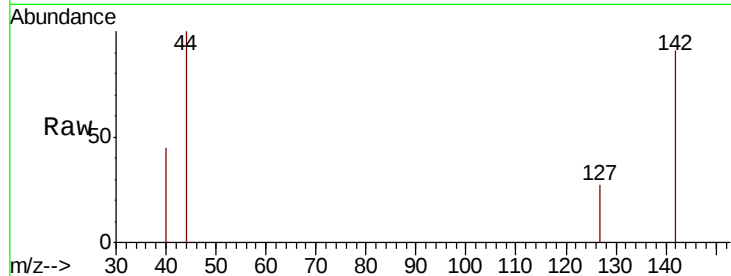




#10
Methvl Iodide
Concen: 5.96 ug/l
RT: 3.94 min Scan# 673
Delta R.T. -0.01 min
Lab File: VN051104.D
Acq: 11 Sep 2018 2:49

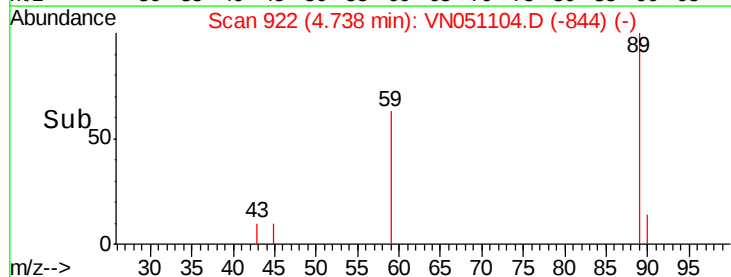
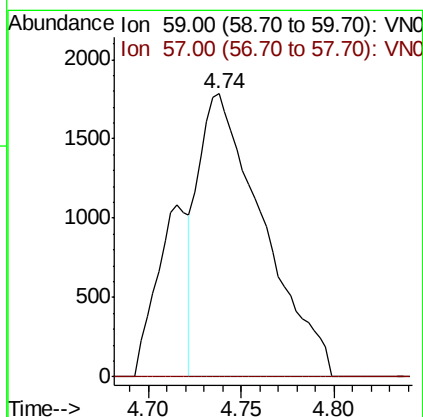
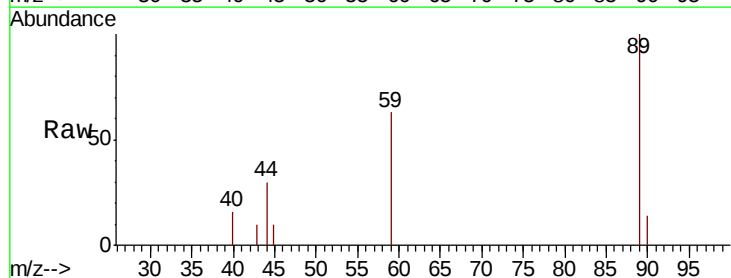
Instrument :
MSVOA_N
ClientSampleId :
SU-03-090618-B

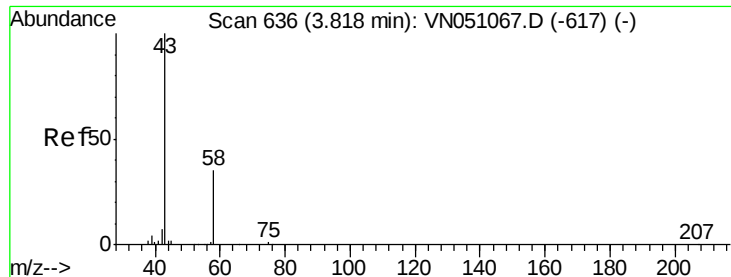
Tot Ion:142 Resp: 2222
Ion Ratio Lower Upper
142 100
127 0.0 31.0 46.4#
141 3.1 11.3 16.9#



#11
Tert butyl alcohol
Concen: 9.01 ug/l
RT: 4.74 min Scan# 922
Delta R.T. -0.05 min
Lab File: VN051104.D
Acq: 11 Sep 2018 2:49

Tgt Ion: 59 Resp: 4313
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#16

Acetone

Concen: Below Cal

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN051104.D

Acq: 11 Sep 2018 2:49

Instrument :

MSVOA_N

ClientSampleId :

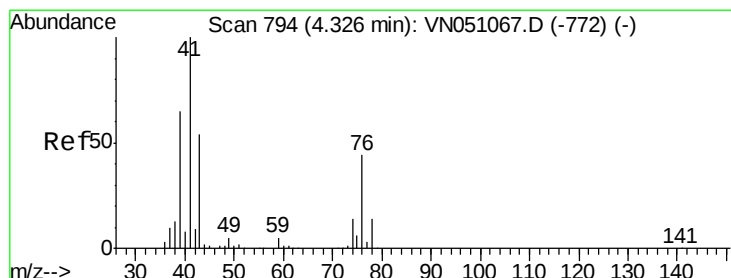
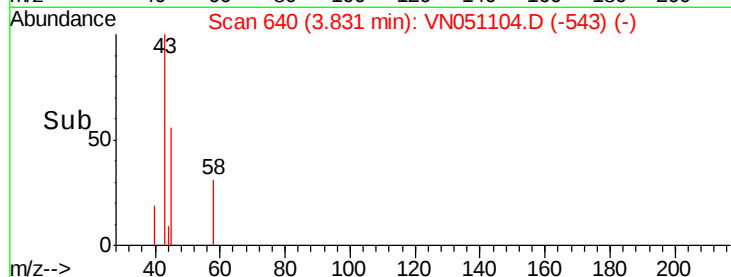
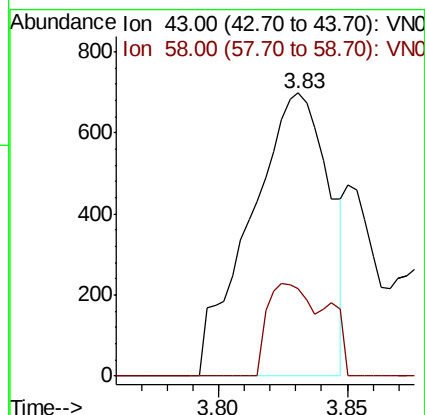
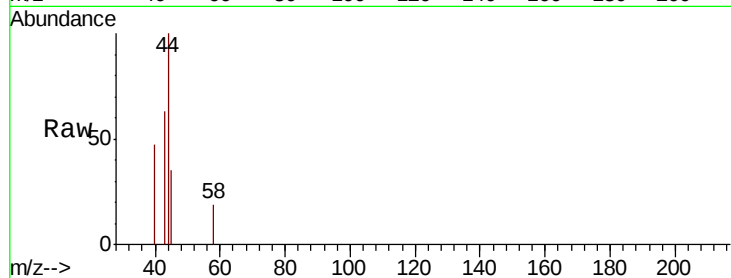
SU-03-090618-B

Tot Ion: 43 Resp: 1482

Ion Ratio Lower Upper

43 100

58 30.8 27.8 41.6



#18

Methyl Acetate

Concen: 2.24 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN051104.D

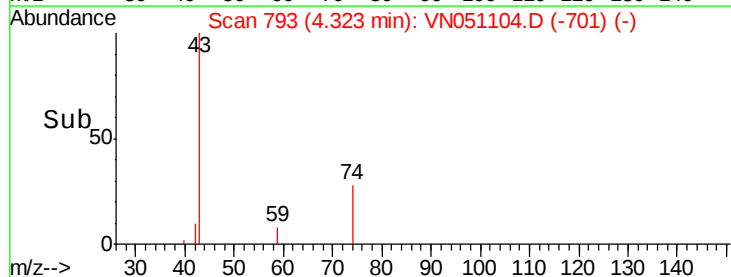
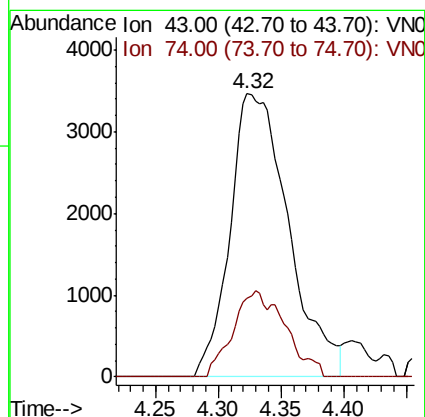
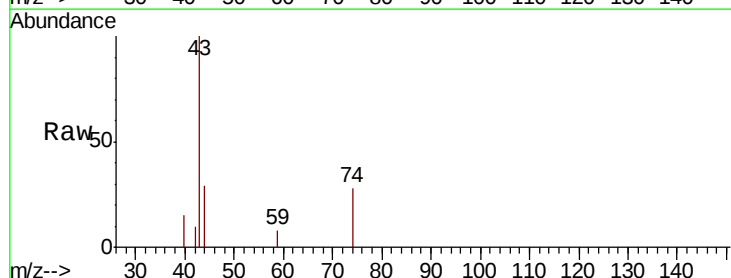
Acq: 11 Sep 2018 2:49

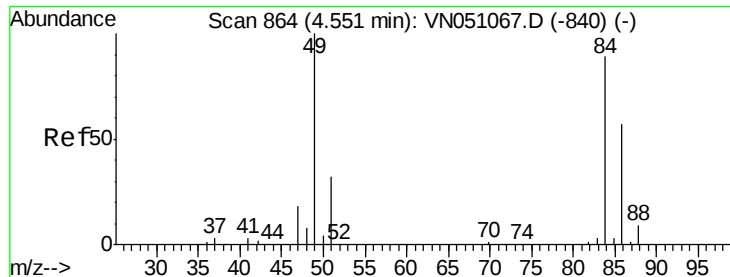
Tgt Ion: 43 Resp: 11248

Ion Ratio Lower Upper

43 100

74 17.0 20.7 31.1#

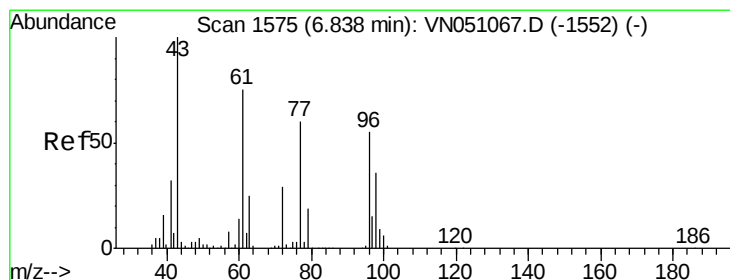
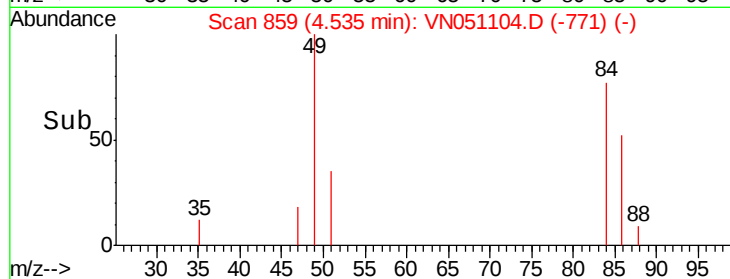
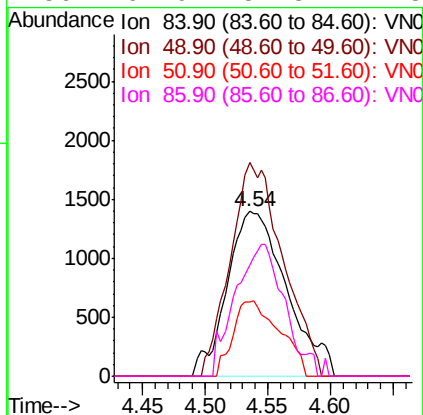
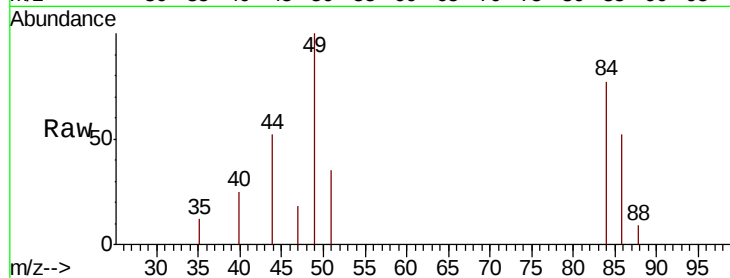




#20
Methvlene Chloride
Concen: 0.66 ug/l
RT: 4.54 min Scan# 859
Delta R.T. -0.02 min
Lab File: VN051104.D
Acq: 11 Sep 2018 2:49

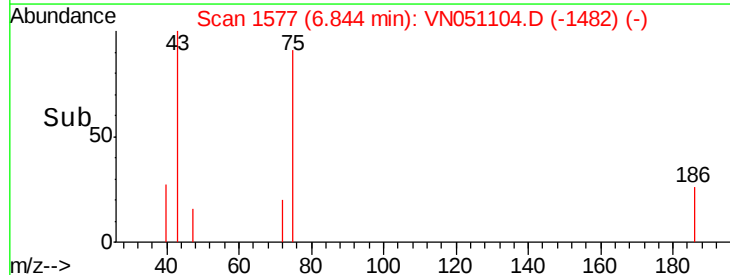
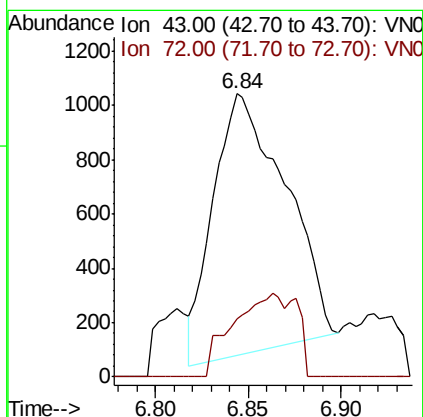
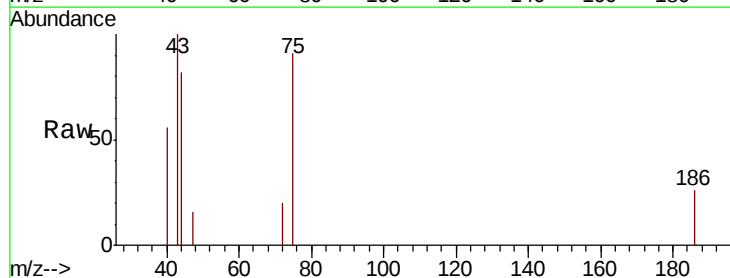
Instrument :
MSVOA_N
ClientSampleId :
SU-03-090618-B

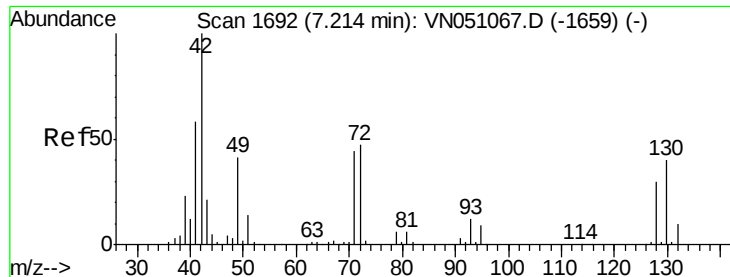
Tot Ion: 84 Resp: 4595
Ion Ratio Lower Upper
84 100
49 129.6 90.2 135.2
51 45.4 28.4 42.6#
86 67.9 51.8 77.8



#25
2-Butanone
Concen: 1.06 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN051104.D
Acq: 11 Sep 2018 2:49

Tgt Ion: 43 Resp: 2603
Ion Ratio Lower Upper
43 100
72 24.2 23.0 34.6





#29

Tetrahydrofuran

Concen: 0.39 ug/l

RT: 7.23 min Scan# 1696

Delta R.T. 0.01 min

Lab File: VN051104.D

Acq: 11 Sep 2018 2:49

Instrument :

MSVOA_N

ClientSampleId :

SU-03-090618-B

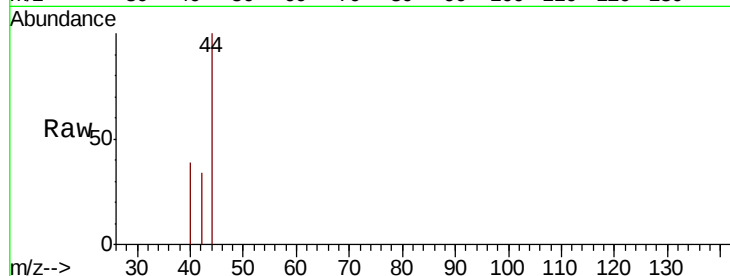
Tot Ion: 42 Resp: 603

Ion Ratio Lower Upper

42 100

72 0.0 37.4 56.0#

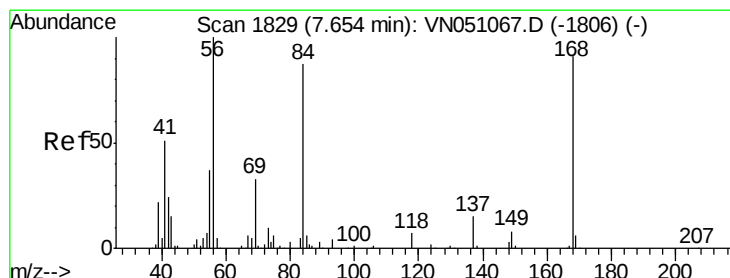
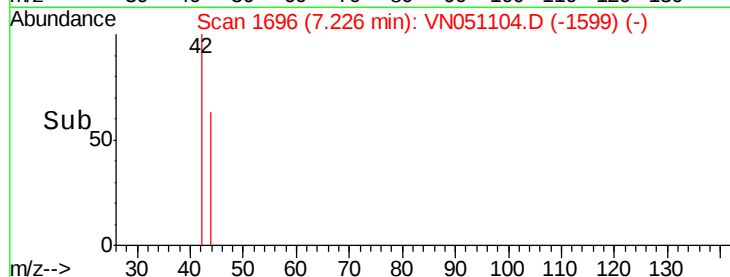
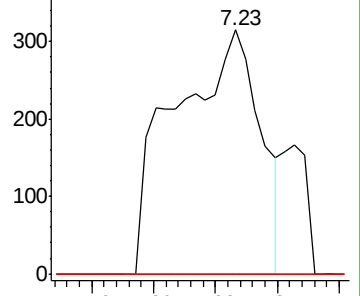
71 0.0 34.7 52.1#



Abundance Ion 42.00 (41.70 to 42.70): VNO

Ion 72.00 (71.70 to 72.70): VNO

Ion 71.00 (70.70 to 71.70): VNO



#31

Cyclohexane

Concen: 0.66 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN051104.D

Acq: 11 Sep 2018 2:49

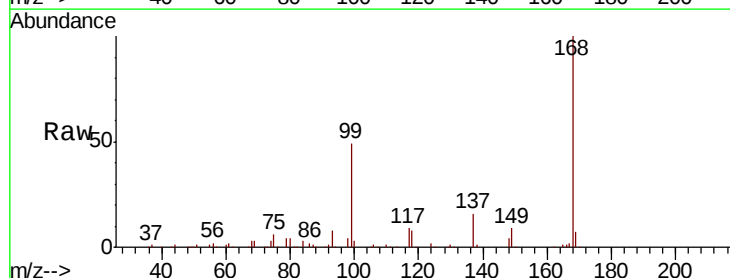
Tgt Ion: 56 Resp: 9084

Ion Ratio Lower Upper

56 100

69 201.9 26.3 39.5#

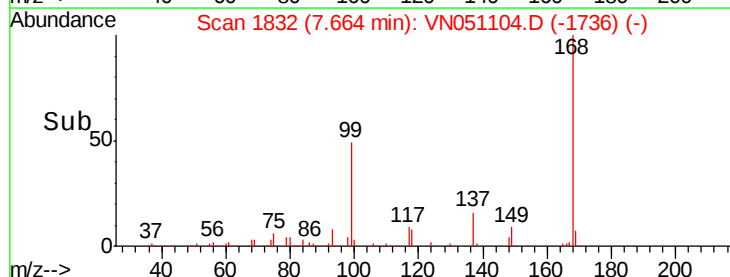
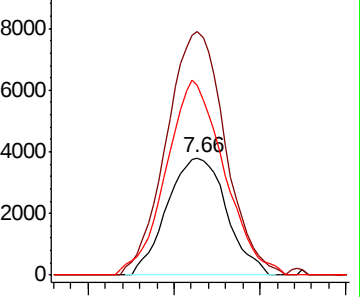
84 154.5 69.4 104.0#

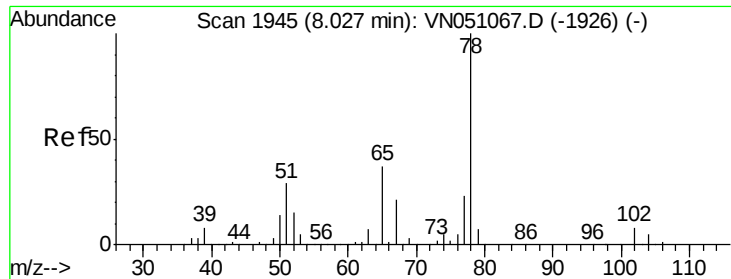


Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 84.00 (83.70 to 84.70): VNO

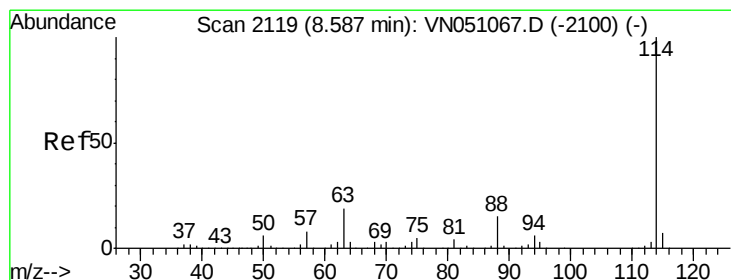
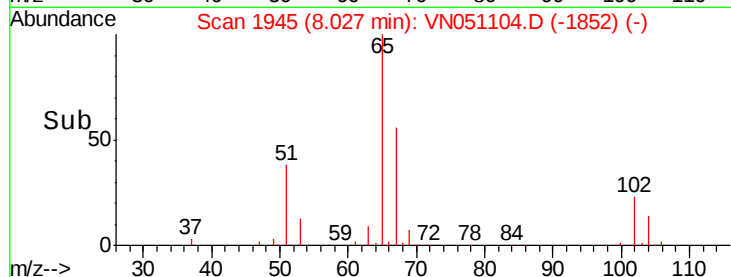
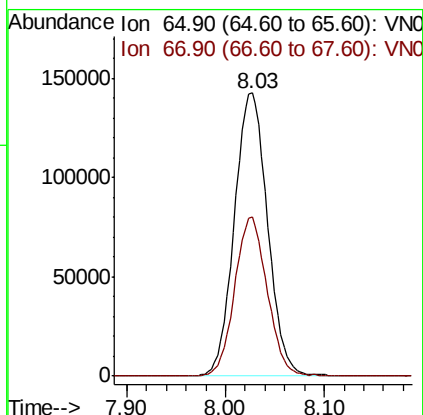
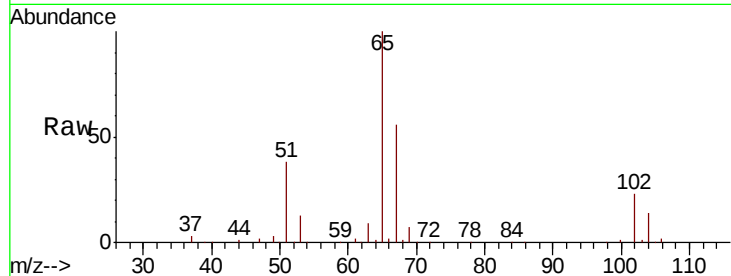




#33
 1,2-Dichloroethane-d4
 Concen: 53.15 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051104.D
 Acq: 11 Sep 2018 2:49

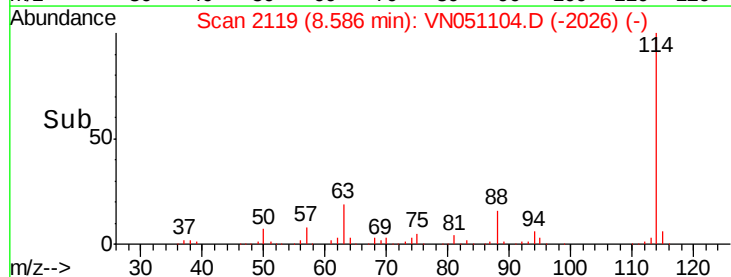
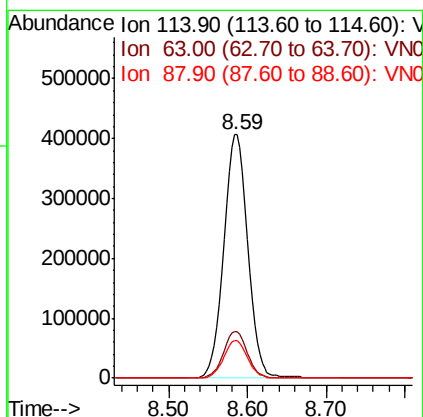
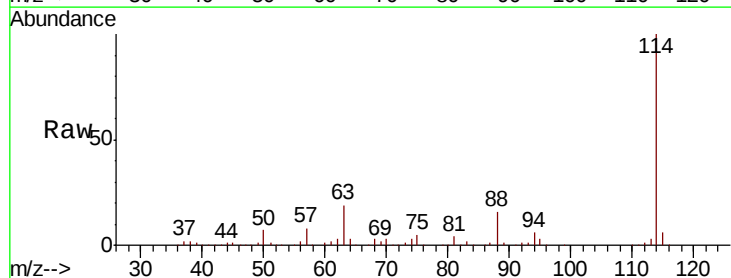
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 MSVOA_N
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 SU-03-090618-B

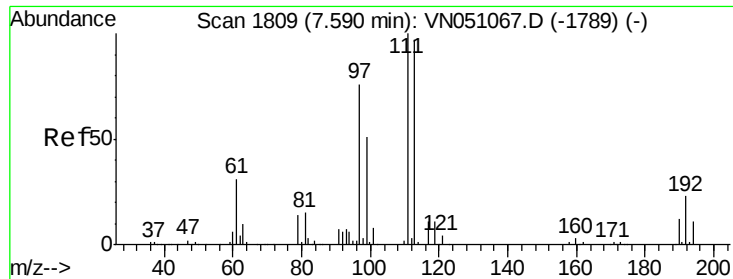
Tot Ion: 65 Resp: 332899
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051104.D
 Acq: 11 Sep 2018 2:49

Tgt Ion: 114 Resp: 854772
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.8
 88 15.6 0.0 30.8

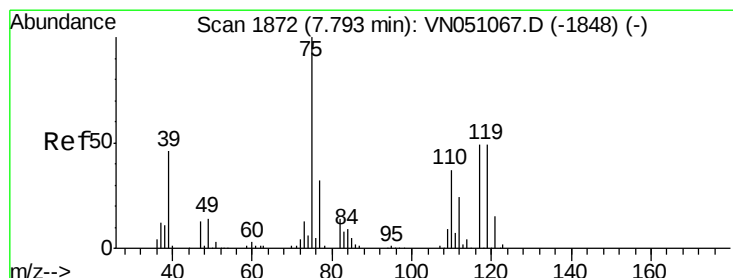
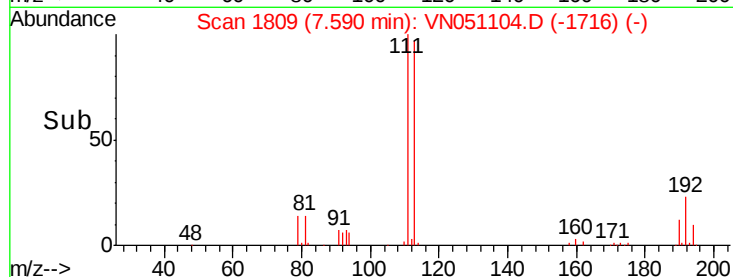
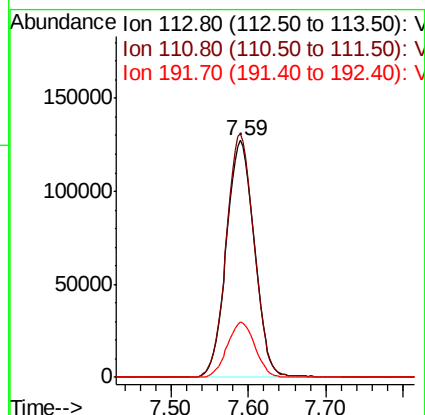
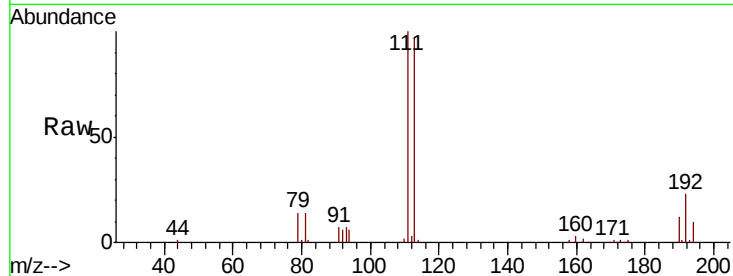




#35
 Dibromofluoromethane
 Concen: 49.83 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051104.D
 Acq: 11 Sep 2018 2:49

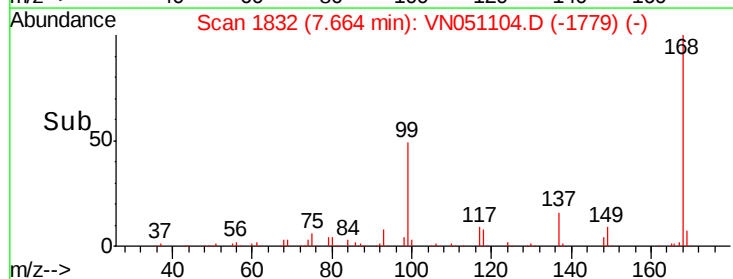
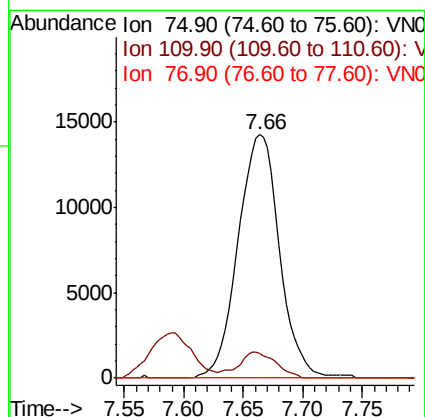
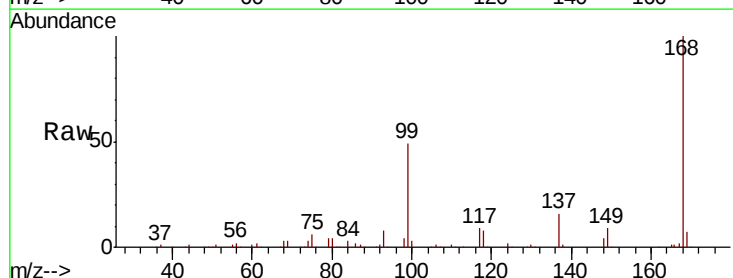
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-090618-B

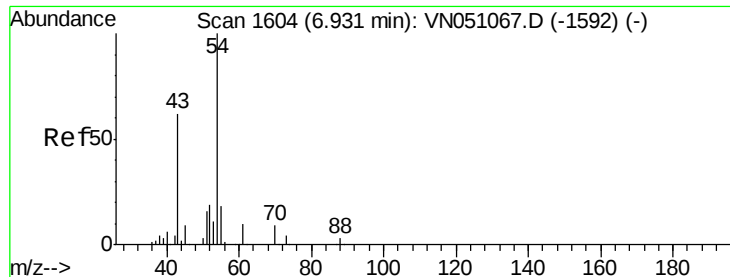
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.0	124.6
192	23.1	18.7	28.1



#36
 1,1-Dichloropropene
 Concen: 3.66 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN051104.D
 Acq: 11 Sep 2018 2:49

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.6	55.8#
77	0.0	25.2	37.8#

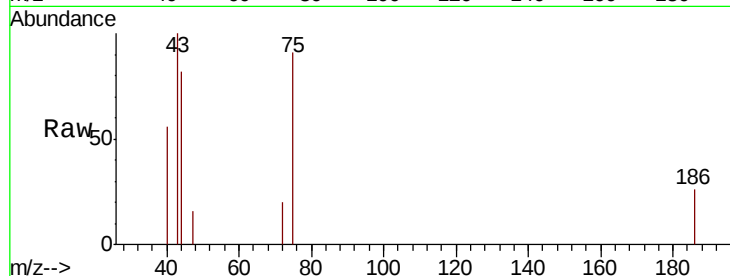




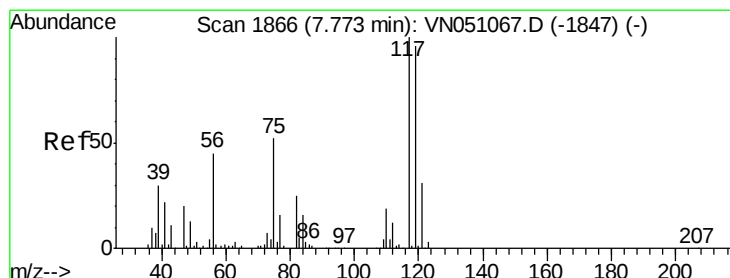
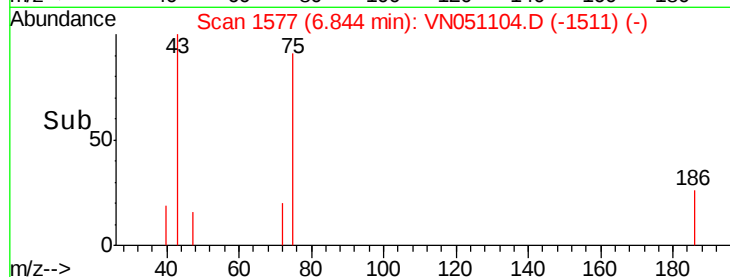
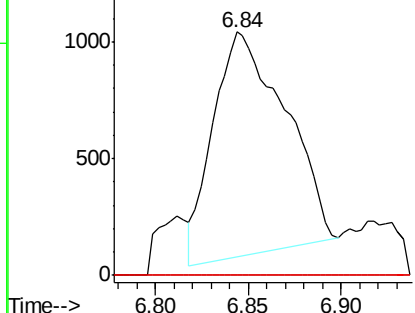
#37
Ethyl Acetate
Concen: 0.48 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. -0.09 min
Lab File: VN051104.D
Acq: 11 Sep 2018 2:49

Instrument :
MSVOA_N
ClientSampleId :
SU-03-090618-B

Tot Ion: 43 Resp: 2603
Ion Ratio Lower Upper
43 100
61 0.0 12.4 18.6#
70 0.0 9.3 13.9#

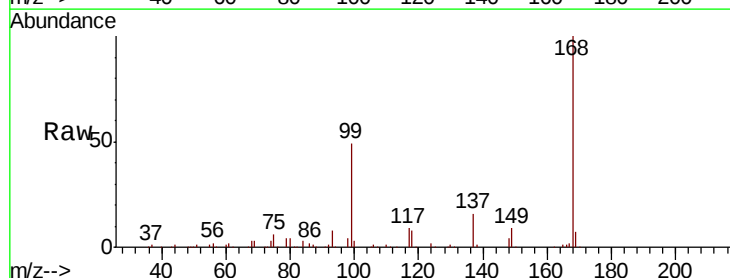


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

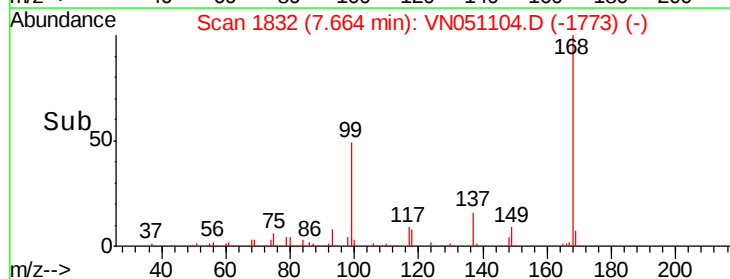
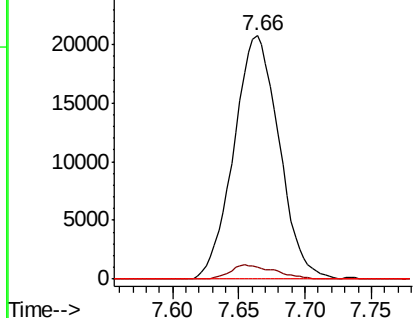


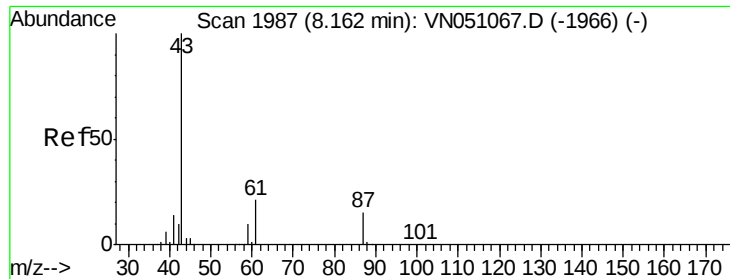
#38
Carbon Tetrachloride
Concen: 5.33 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN051104.D
Acq: 11 Sep 2018 2:49

Tgt Ion: 117 Resp: 49245
Ion Ratio Lower Upper
117 100
119 5.0 76.8 115.2#
121 0.0 24.6 36.8#



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: 5.43 ug/l

RT: 8.26 min Scan# 2018

Delta R.T. 0.10 min

Lab File: VN051104.D

Acq: 11 Sep 2018 2:49

Instrument :

MSVOA_N

ClientSampleId :

SU-03-090618-B

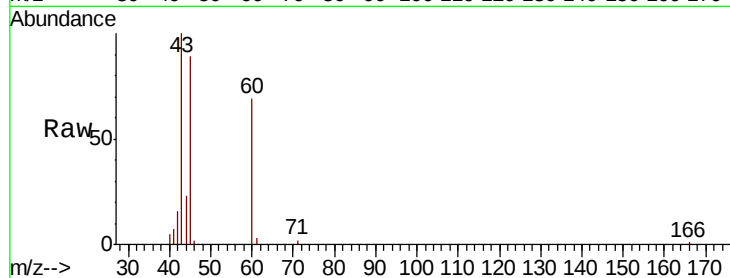
Tot Ion: 43 Resp: 52115

Ion Ratio Lower Upper

43 100

61 0.4 25.0 37.6#

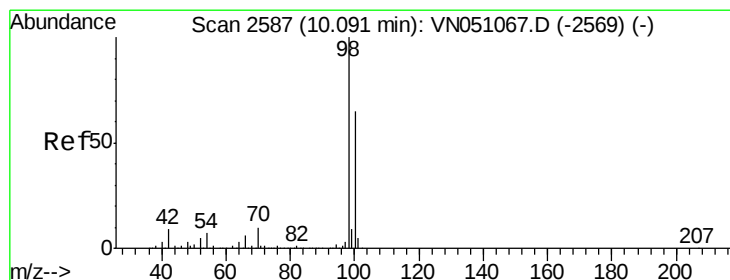
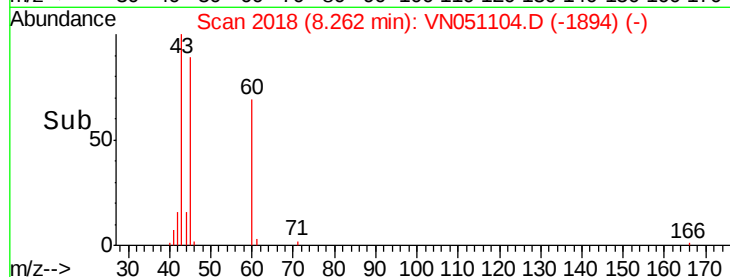
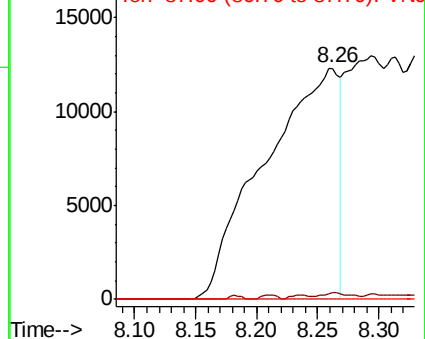
87 0.0 11.8 17.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 48.52 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051104.D

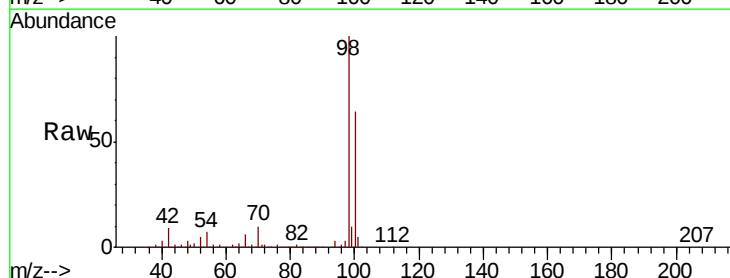
Acq: 11 Sep 2018 2:49

Tgt Ion: 98 Resp: 1182685

Ion Ratio Lower Upper

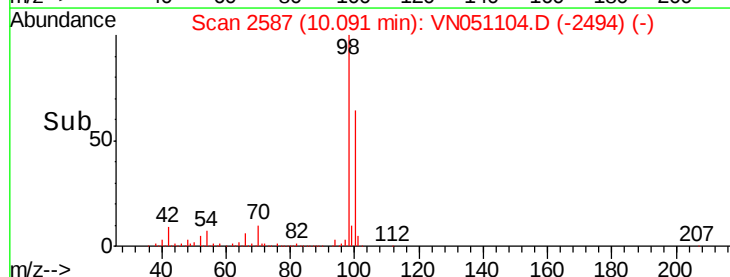
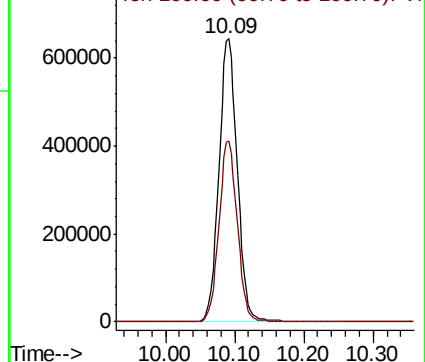
98 100

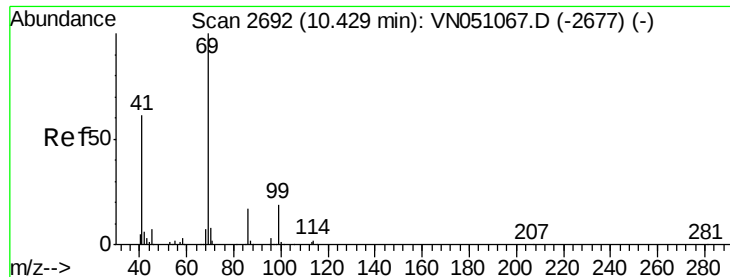
100 63.6 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#56

Ethyl methacrylate

Concen: 2.46 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN051104.D

Acq: 11 Sep 2018 2:49

Instrument :

MSVOA_N

ClientSampleId :

SU-03-090618-B

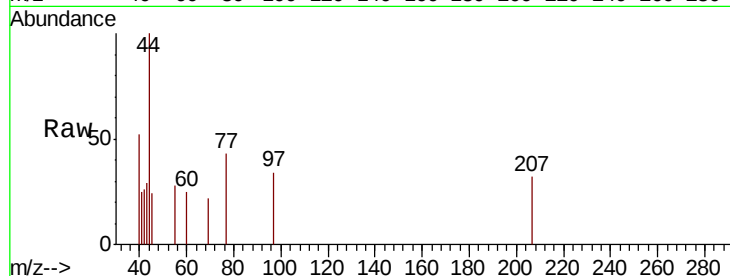
Tot Ion: 69 Resp: 63

Ion Ratio Lower Upper

69 100

41 247.6 47.8 71.8#

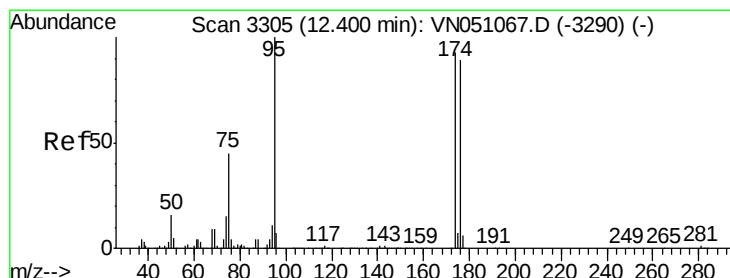
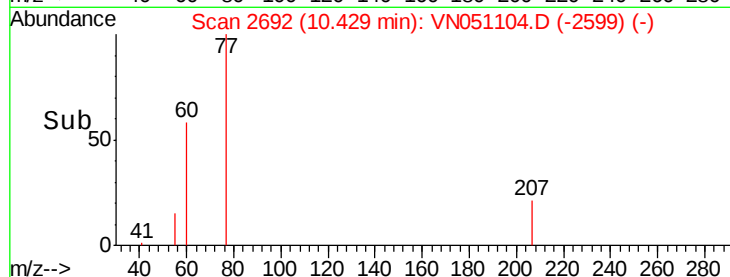
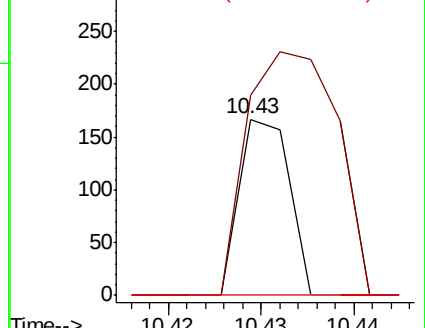
39 0.0 23.0 34.4#



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



#62

4-Bromofluorobenzene

Concen: 42.70 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051104.D

Acq: 11 Sep 2018 2:49

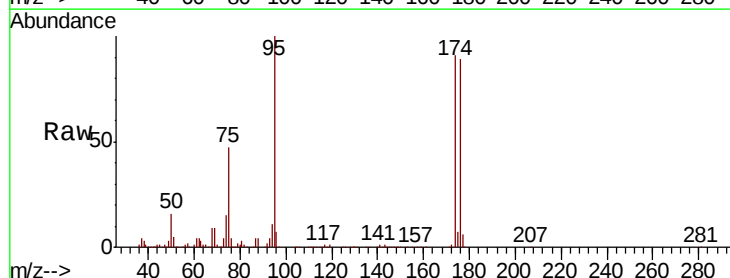
Tgt Ion: 95 Resp: 344296

Ion Ratio Lower Upper

95 100

174 92.9 0.0 184.8

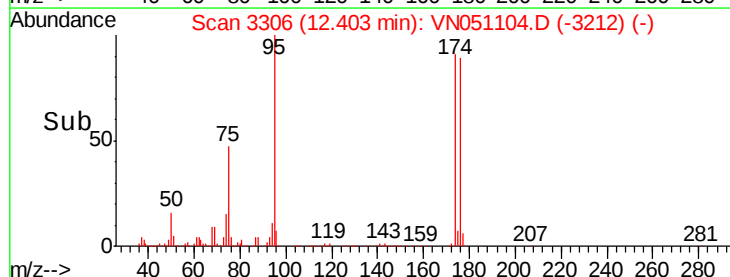
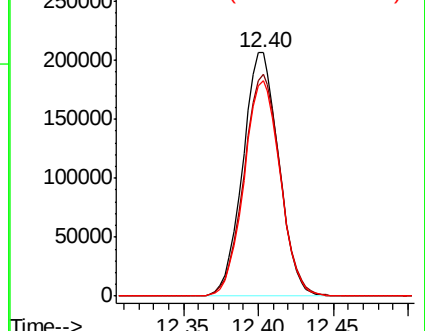
176 89.3 0.0 178.6

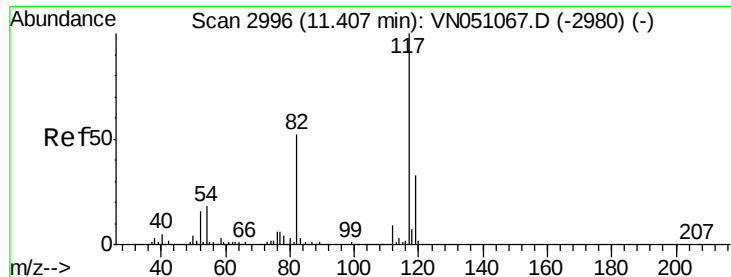


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

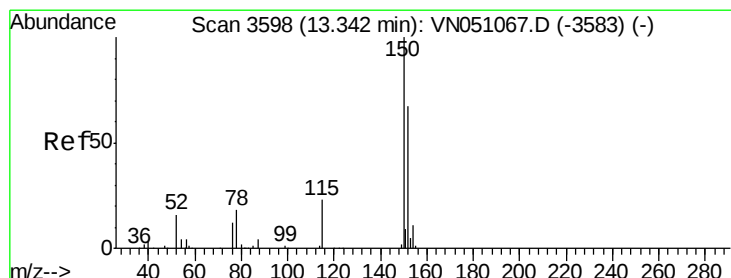
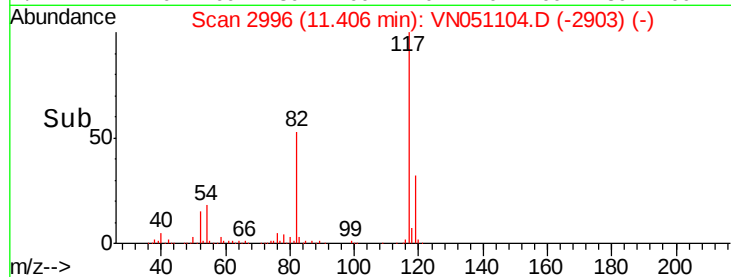
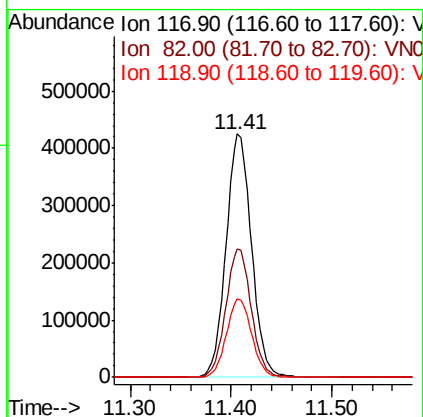
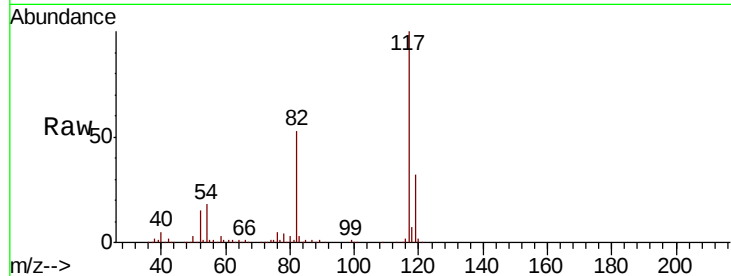




#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: VN051104.D
 Acq: 11 Sep 2018 2:49

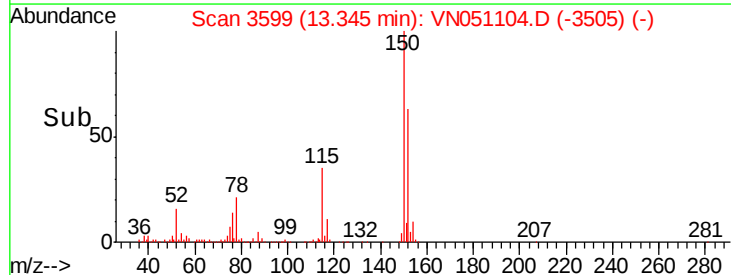
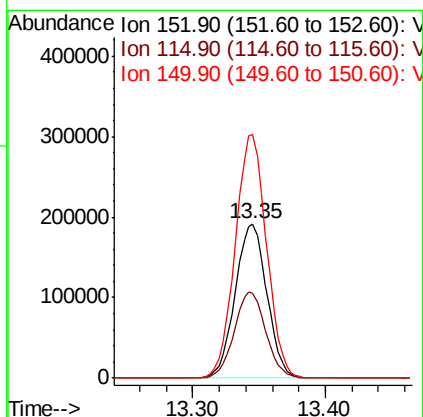
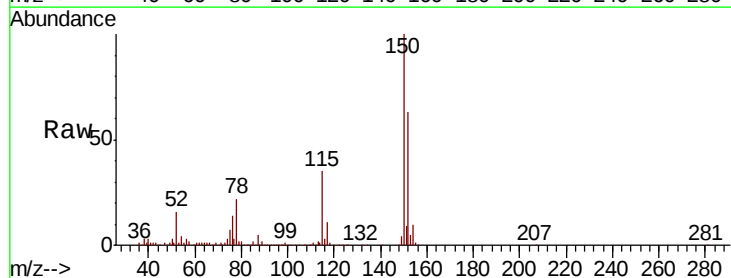
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-090618-B

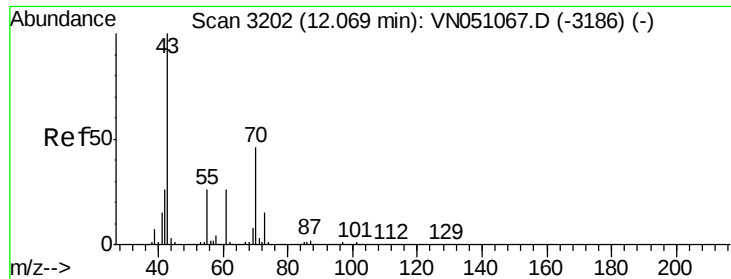
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	41.8	62.6
119	32.5	26.2	39.2



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN051104.D
 Acq: 11 Sep 2018 2:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.5	28.2	84.7
150	155.7	0.0	349.0





#74

N-amvl acetate

Concen: 0.34 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN051104.D

Acq: 11 Sep 2018 2:49

Instrument :

MSVOA_N

ClientSampled :

SU-03-090618-B

Tot Ion: 43 Resp: 2312

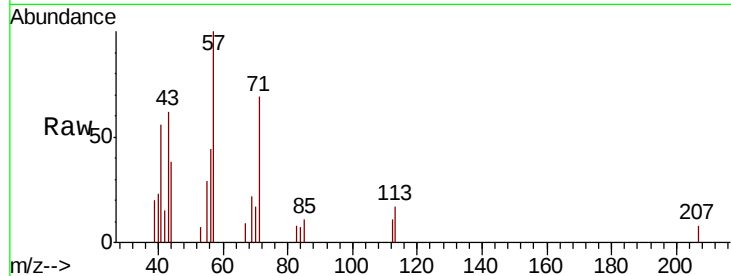
Ion Ratio Lower Upper

43 100

70 45.9 37.0 55.4

55 26.3 21.3 31.9

61 0.0 20.7 31.1#

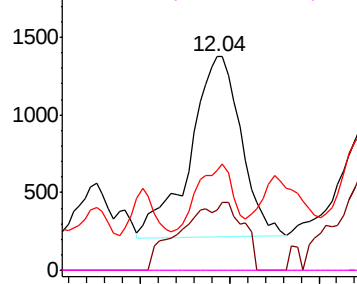


Abundance Ion 43.00 (42.70 to 43.70): VN0

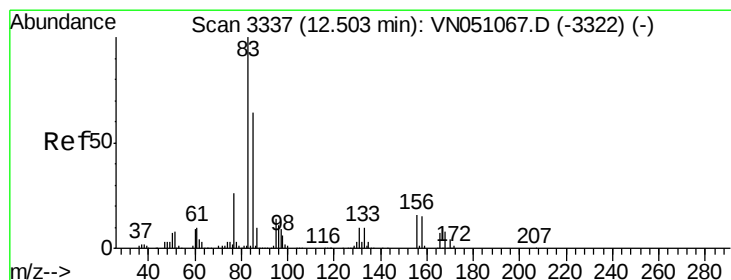
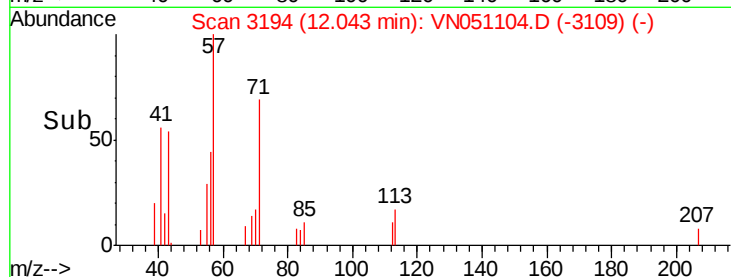
Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.49 min Scan# 3332

Delta R.T. -0.02 min

Lab File: VN051104.D

Acq: 11 Sep 2018 2:49

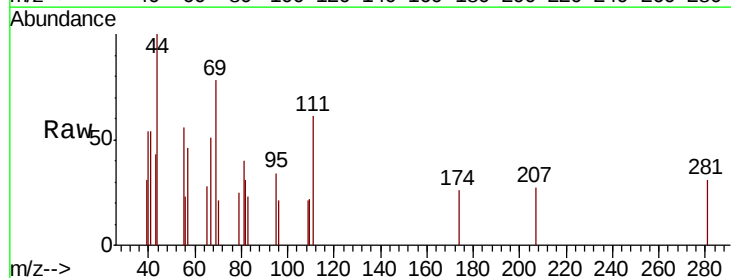
Tgt Ion: 83 Resp: 263

Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

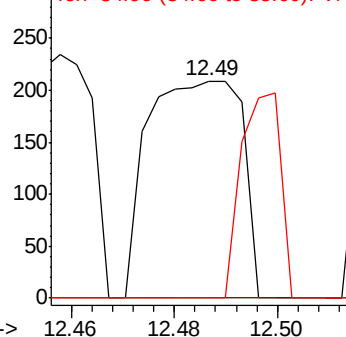
85 39.5 32.3 96.8



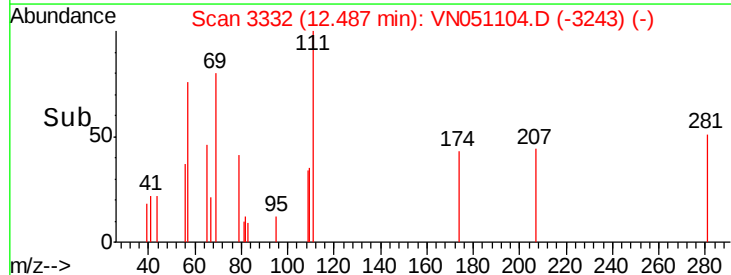
Abundance Ion 82.90 (82.60 to 83.60): VN0

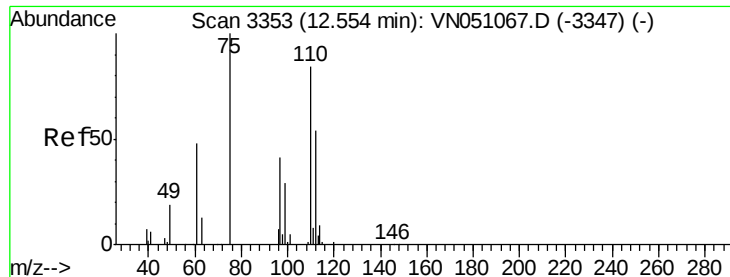
Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



Time-->





#76

1,2,3-Trichloropropane

Concen: 32.03 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051104.D

Acq: 11 Sep 2018 2:49

Instrument :

MSVOA_N

ClientSampled :

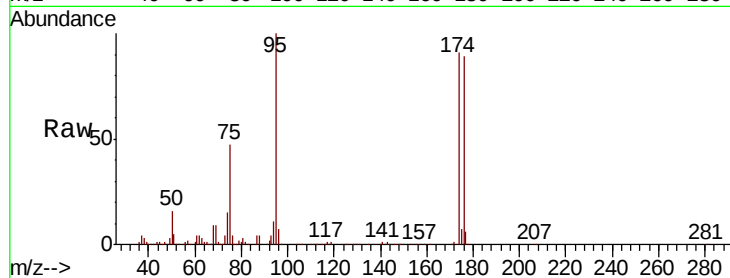
SU-03-090618-B

Tot Ion: 75 Resp: 160343

Ion Ratio Lower Upper

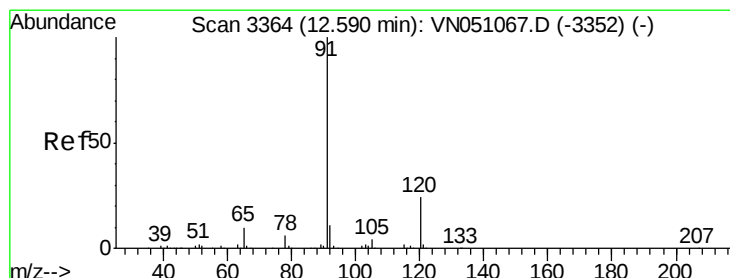
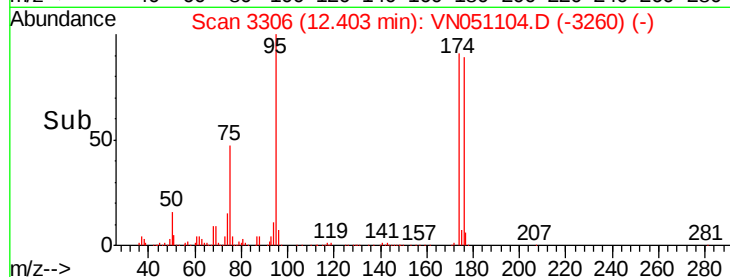
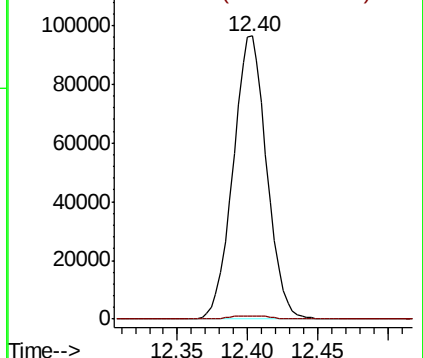
75 100

77 0.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 0.21 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051104.D

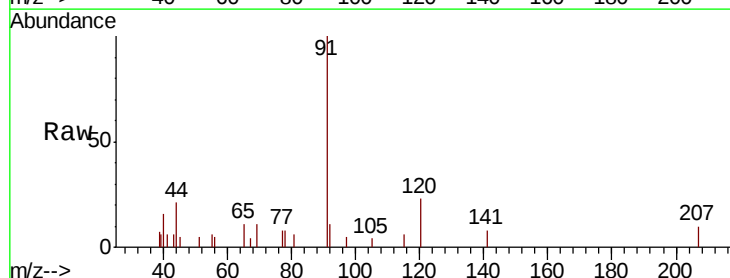
Acq: 11 Sep 2018 2:49

Tgt Ion: 91 Resp: 6130

Ion Ratio Lower Upper

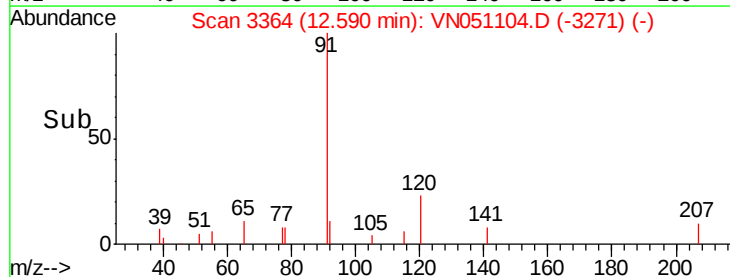
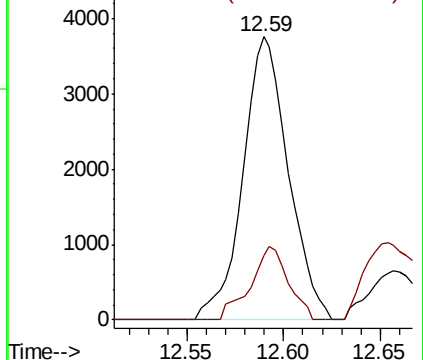
91 100

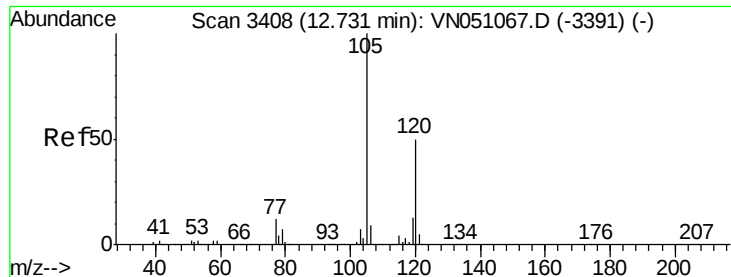
120 21.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

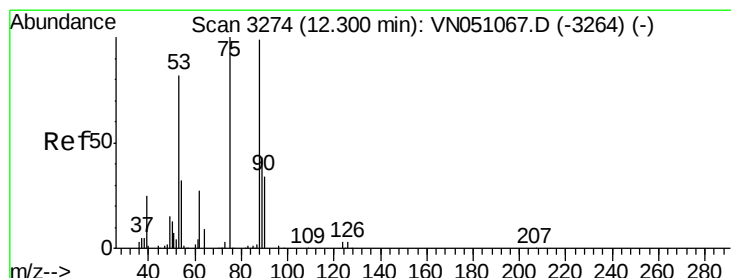
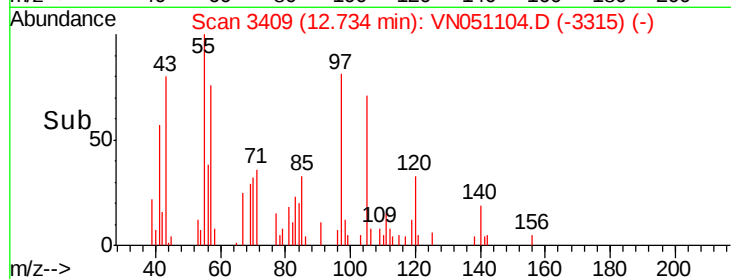
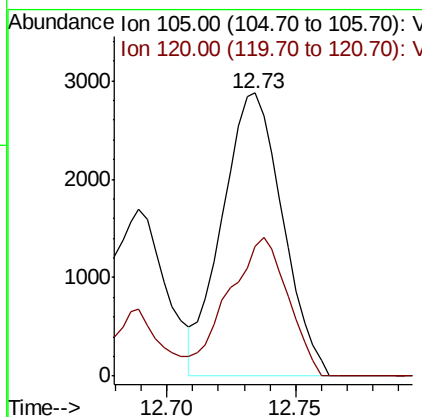
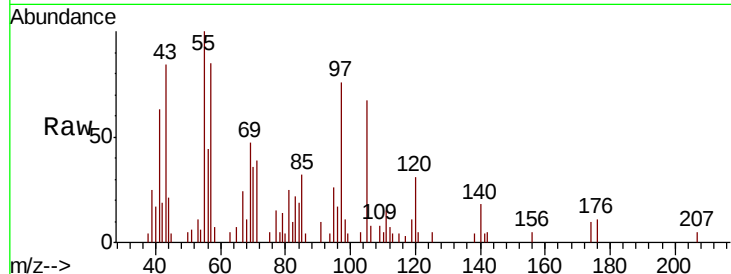




#80
 1,3,5-Trimethylbenzene
 Concen: 0.22 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN051104.D
 Acq: 11 Sep 2018 2:49

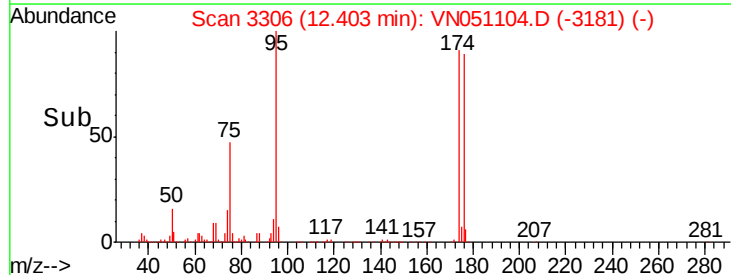
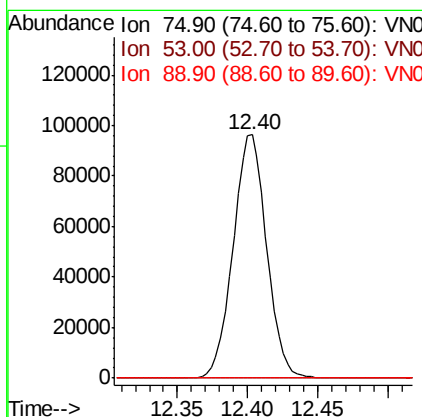
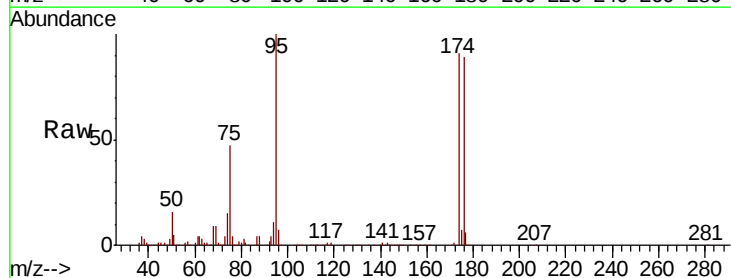
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-090618-B

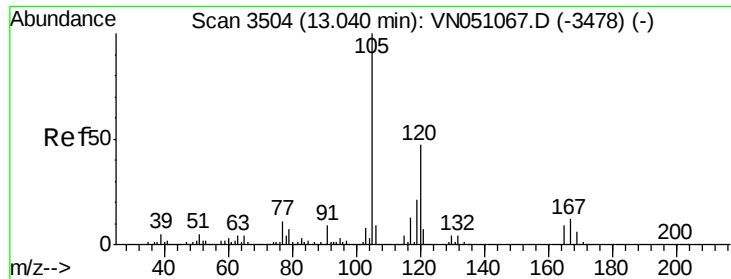
Tot Ion:105 Resp: 4700
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.87 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN051104.D
 Acq: 11 Sep 2018 2:49

Tgt Ion: 75 Resp: 160343
 Ion Ratio Lower Upper
 75 100
 53 0.1 67.8 101.8#
 89 0.0 36.0 54.0#





#84

1,2,4-Trimethylbenzene

Concen: 0.94 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN051104.D

Acq: 11 Sep 2018 2:49

Instrument :

MSVOA_N

ClientSampleId :

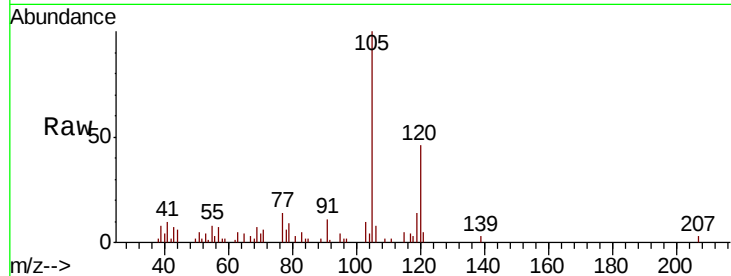
SU-03-090618-B

Tot Ion:105 Resp: 19950

Ion Ratio Lower Upper

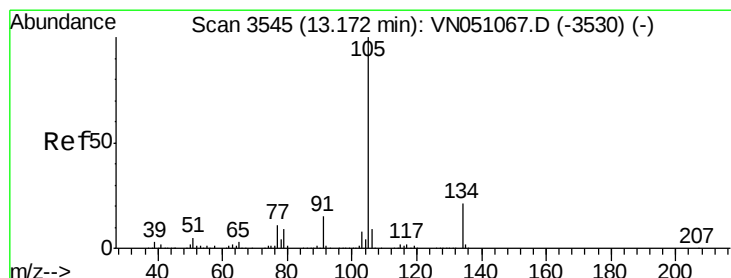
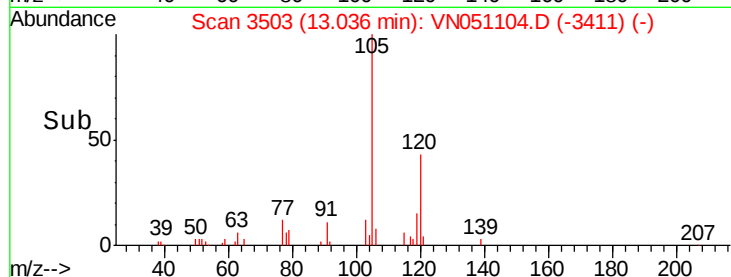
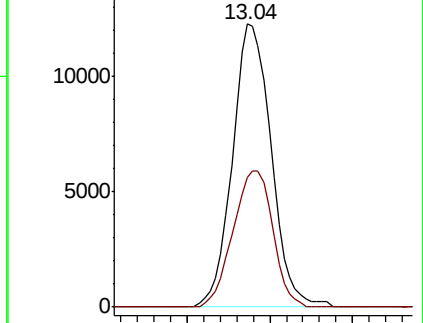
105 100

120 49.3 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.21 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051104.D

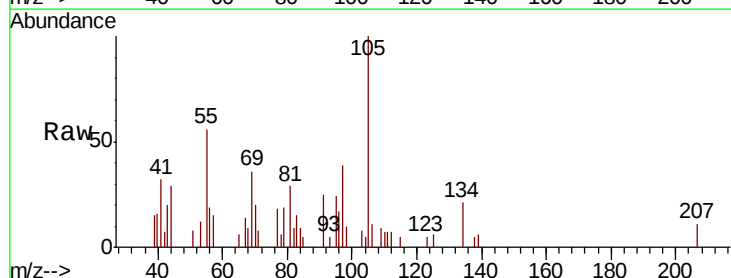
Acq: 11 Sep 2018 2:49

Tgt Ion:105 Resp: 5087

Ion Ratio Lower Upper

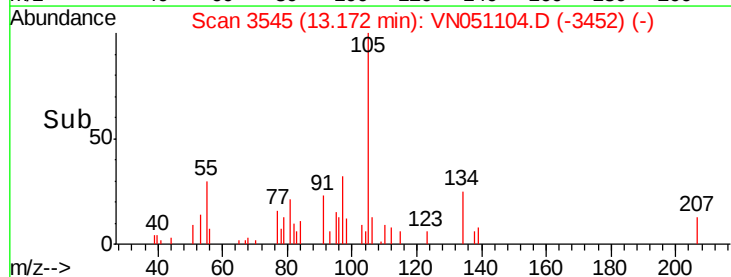
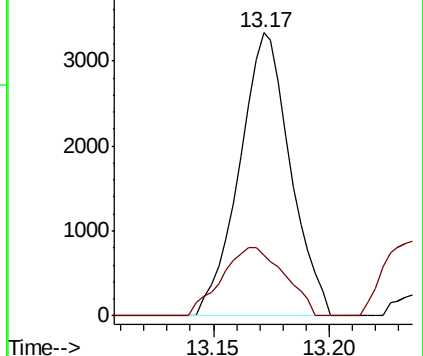
105 100

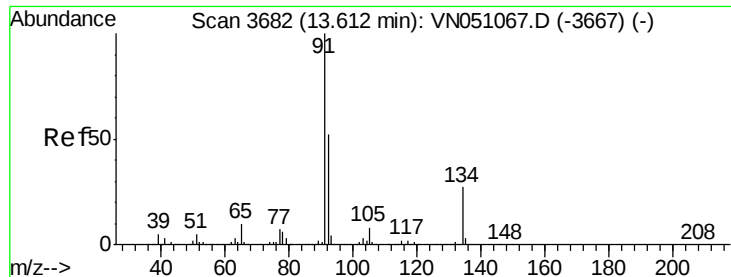
134 29.7 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

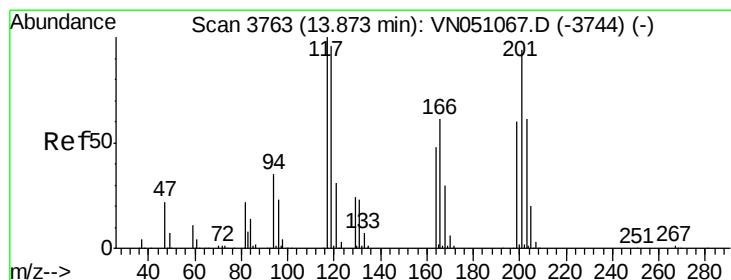
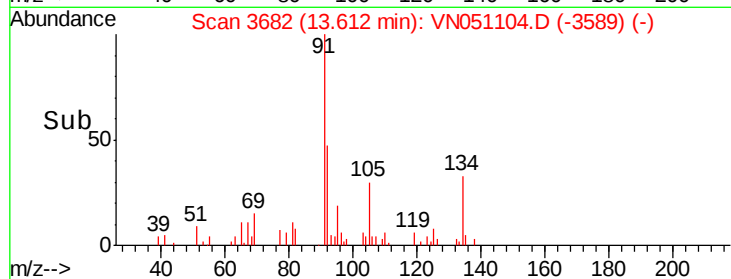
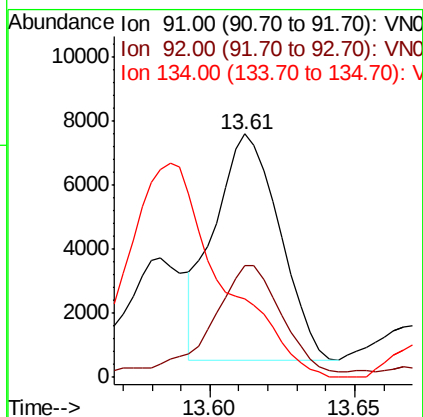
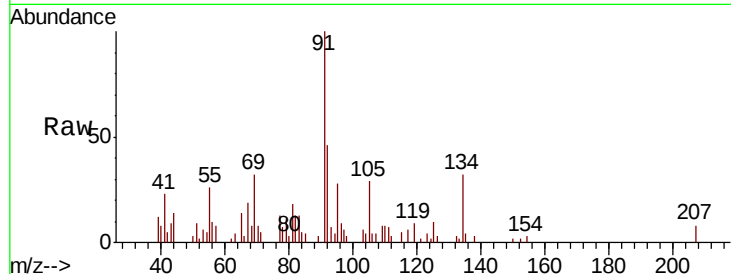




#89
n-Butylbenzene
Concen: 0.68 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN051104.D
Acq: 11 Sep 2018 2:49

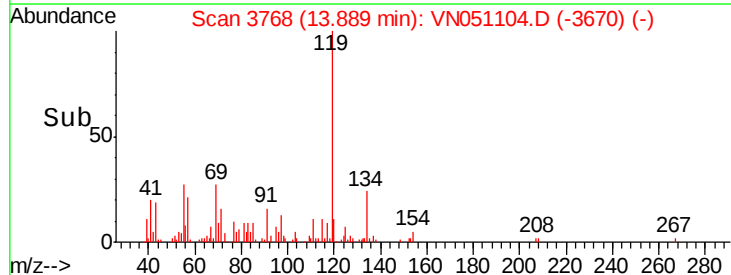
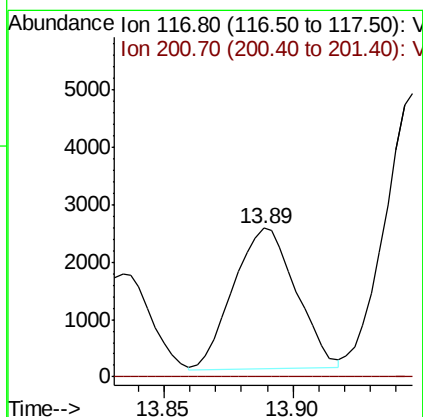
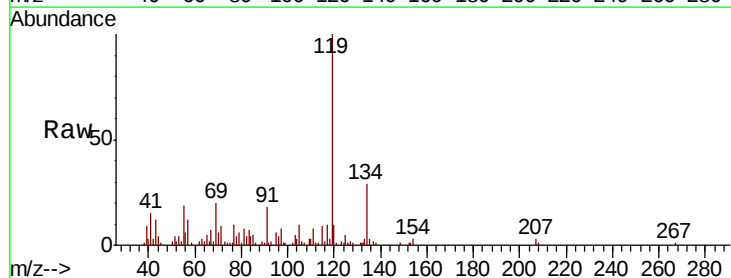
Instrument :
MSVOA_N
ClientSampleId :
SU-03-090618-B

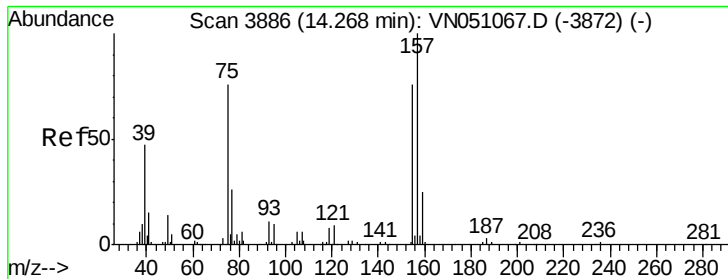
Tot Ion: 91 Resp: 10960
Ion Ratio Lower Upper
91 100
92 55.8 26.2 78.6
134 0.0 13.7 41.1#



#90
Hexachloroethane
Concen: 0.50 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.02 min
Lab File: VN051104.D
Acq: 11 Sep 2018 2:49

Tgt Ion: 117 Resp: 4166
Ion Ratio Lower Upper
117 100
201 0.0 47.3 142.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.02 ug/l

RT: 14.29 min Scan# 3893

Delta R.T. 0.02 min

Lab File: VN051104.D

Acq: 11 Sep 2018 2:49

Instrument :

MSVOA_N

ClientSampleId :

SU-03-090618-B

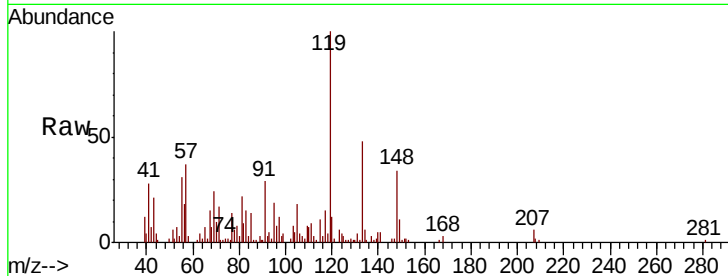
Tot Ion: 75 Resp: 333

Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

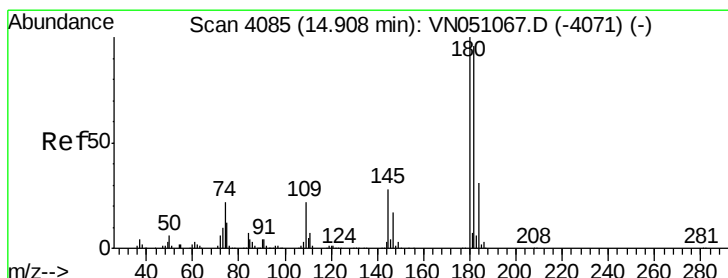
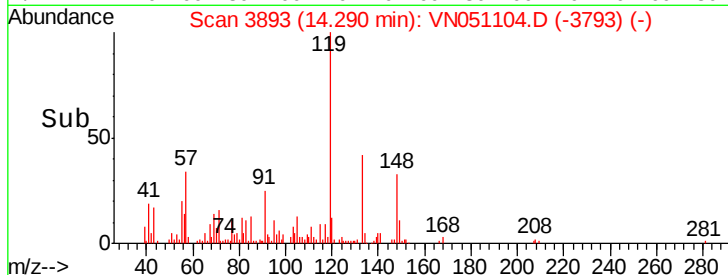
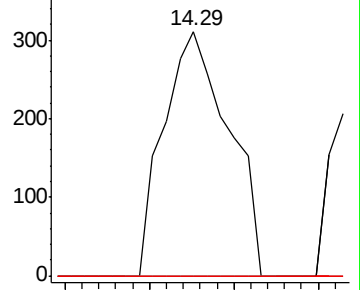
157 0.0 63.6 190.9#



Abundance Ion 74.90 (74.60 to 75.60): VN051104.D (-3793) (-)

Ion 154.80 (154.50 to 155.50): VN051104.D (-3793) (-)

Ion 156.80 (156.50 to 157.50): VN051104.D (-3793) (-)



#93

1,2,4-Trichlorobenzene

Concen: 4.14 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.01 min

Lab File: VN051104.D

Acq: 11 Sep 2018 2:49

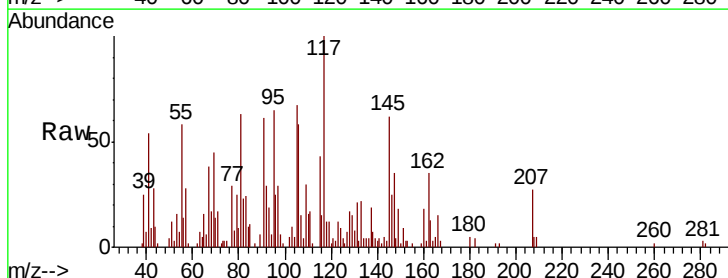
Tgt Ion: 180 Resp: 978

Ion Ratio Lower Upper

180 100

182 70.4 47.3 141.8

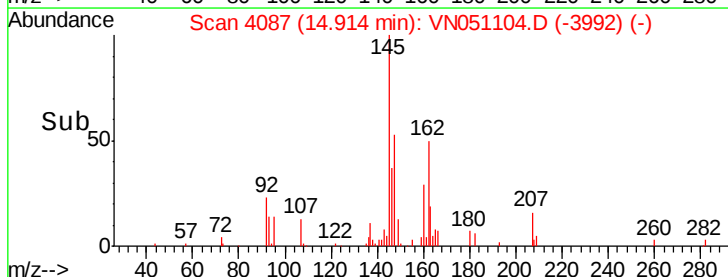
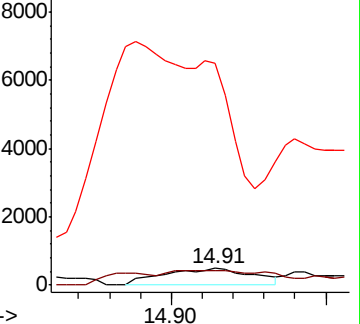
145 0.0 14.2 42.6#

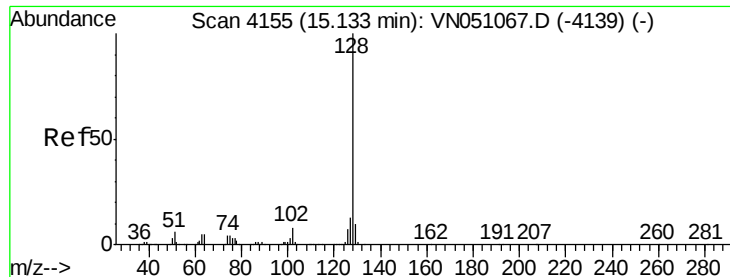


Abundance Ion 179.80 (179.50 to 180.50): VN051104.D (-3992) (-)

Ion 181.80 (181.50 to 182.50): VN051104.D (-3992) (-)

Ion 144.80 (144.50 to 145.50): VN051104.D (-3992) (-)





#95

Naphthalene

Concen: 6.59 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051104.D

Acq: 11 Sep 2018 2:49

Instrument :

MSVOA_N

ClientSampleId :

SU-03-090618-B

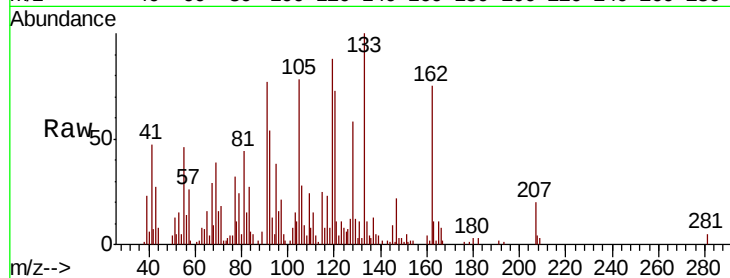
Tot Ion:128 Resp: 16669

Ion Ratio Lower Upper

128 100

127 7.6 10.6 15.8#

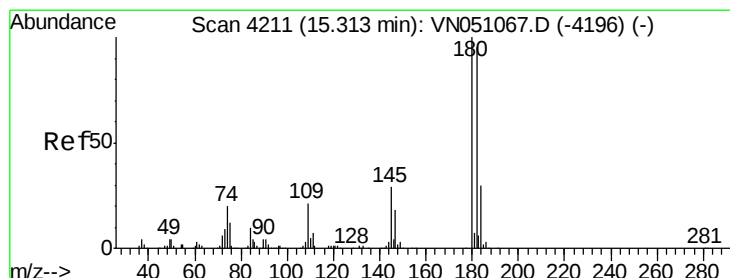
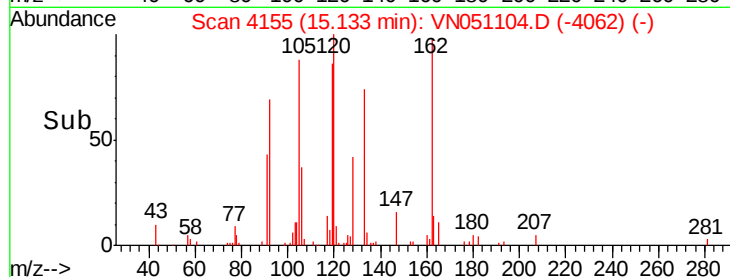
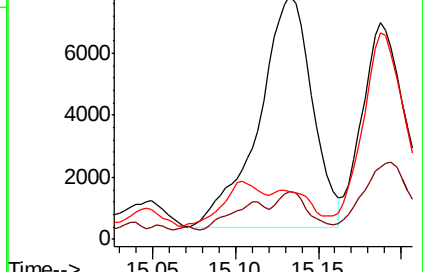
129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.20 ug/l

RT: 15.34 min Scan# 4219

Delta R.T. 0.03 min

Lab File: VN051104.D

Acq: 11 Sep 2018 2:49

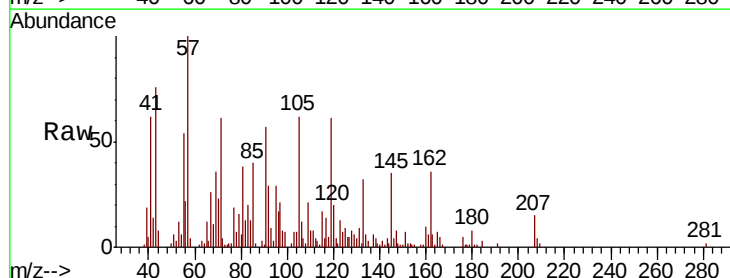
Tgt Ion:180 Resp: 1473

Ion Ratio Lower Upper

180 100

182 0.0 47.8 143.3#

145 0.0 14.6 43.8#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

