

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
 Data File : VN051111.D
 Acq On : 11 Sep 2018 8:28
 Operator : MD\SY
 Sample : VN0911WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBL01

Quant Time: Sep 12 00:59:17 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	7.67	168	681220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1032315	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	887565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	303436	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	390063	51.45	ug/l	0.00
Spiked Amount			Recovery	=	102.90%	
35) Dibromofluoromethane	7.59	113	391190	50.43	ug/l	0.00
Spiked Amount			Recovery	=	100.86%	
50) Toluene-d8	10.09	98	1422724	48.33	ug/l	0.00
Spiked Amount			Recovery	=	96.66%	
62) 4-Bromofluorobenzene	12.40	95	396925	40.77	ug/l	0.00
Spiked Amount			Recovery	=	81.54%	

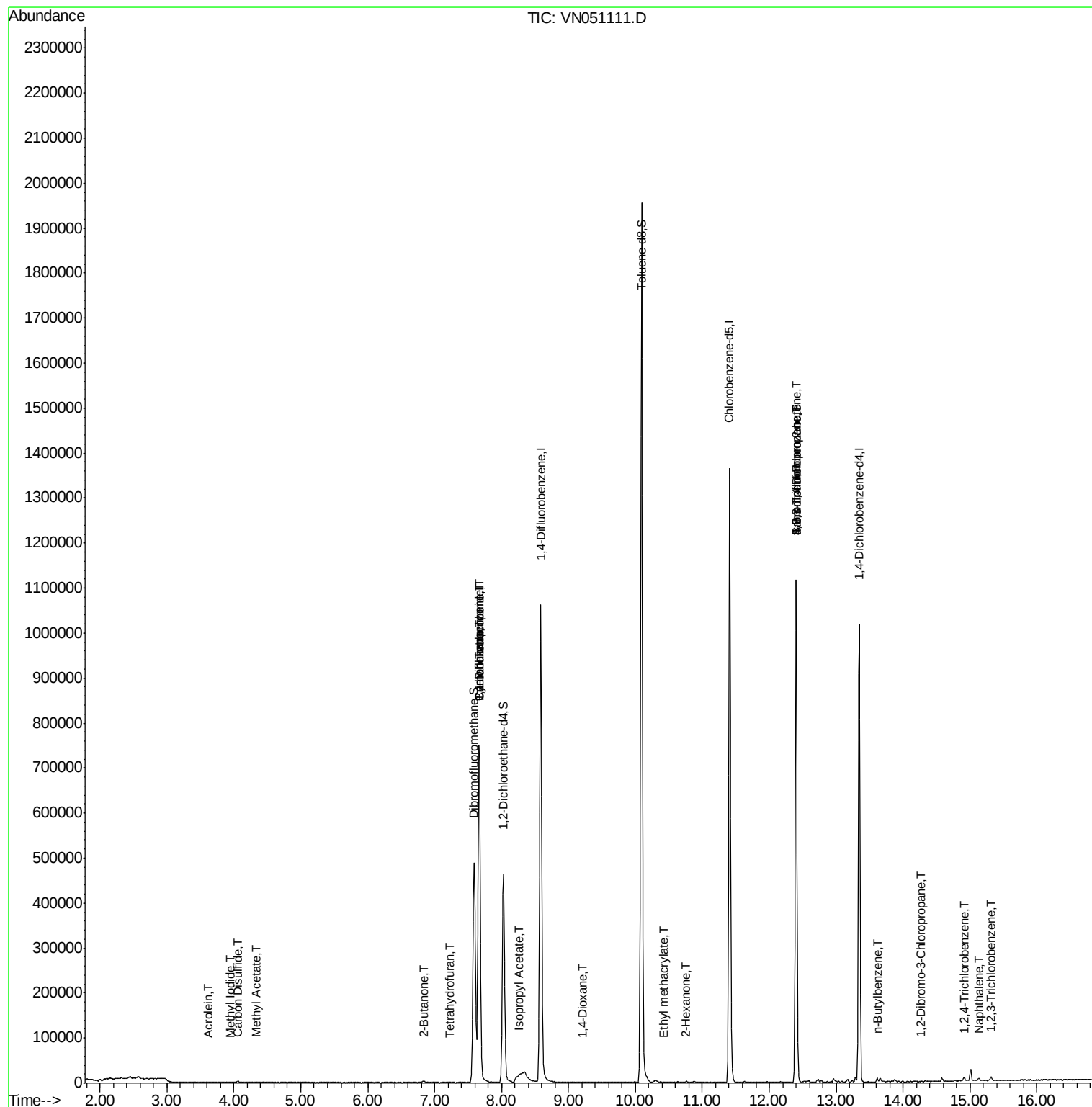
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2360	Below Cal		95
5) Bromomethane	2.57	94	2676	Below Cal		95
10) Methyl Iodide	3.95	142	763	5.72	ug/l #	44
13) Acrolein	3.62	56	221	24.56	ug/l #	13
16) Acetone	3.82	43	2017	Below Cal	#	80
17) Carbon Disulfide	4.05	76	5331	0.36	ug/l #	83
18) Methyl Acetate	4.34	43	2916	0.48	ug/l #	69
25) 2-Butanone	6.85	43	718	0.24	ug/l #	46
29) Tetrahydrofuran	7.22	42	964	0.52	ug/l #	44
31) Cyclohexane	7.66	56	10413	0.61	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	44527	3.93	ug/l #	48
38) Carbon Tetrachloride	7.66	117	57263	5.13	ug/l #	17
43) Isopropyl Acetate	8.25	43	13800	1.19	ug/l #	50
49) 1,4-Dioxane	9.21	88	30	0.34	ug/l #	25
56) Ethyl methacrylate	10.42	69	253	2.48	ug/l #	74
59) 2-Hexanone	10.76	43	2961	0.68	ug/l	73
71) Bromoform	12.40	173	1330	0.23	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.50	83	608	Below Cal	#	84
76) 1,2,3-Trichloropropane	12.40	75	179618	37.82	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	179618	112.42	ug/l #	15
89) n-Butylbenzene	13.62	91	5717	0.37	ug/l	94
90) Hexachloroethane	13.88	117	651	Below Cal		83
92) 1,2-Dibromo-3-Chloropropan	14.27	75	120	0.79	ug/l #	9
93) 1,2,4-Trichlorobenzene	14.91	180	2799	4.45	ug/l	97
94) Hexachlorobutadiene	15.01	225	5583	Below Cal		96
95) Naphthalene	15.13	128	6079	5.82	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	3693	3.61	ug/l	98

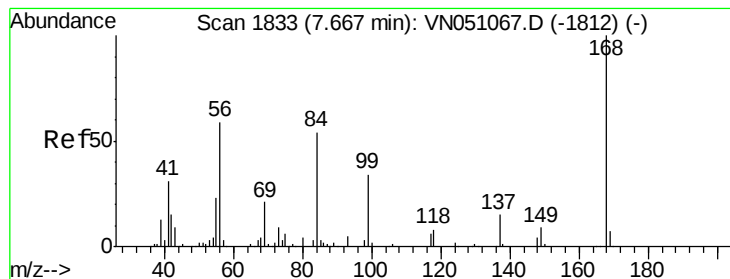
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091118\
Data File : VN051111.D
Acq On : 11 Sep 2018 8:28
Operator : MD\SY
Sample : VN0911WBL01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0911WBL01

Quant Time: Sep 12 00:59:17 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051111.D

Acq: 11 Sep 2018 8:28

Instrument :

MSVOA_N

ClientSampleId :

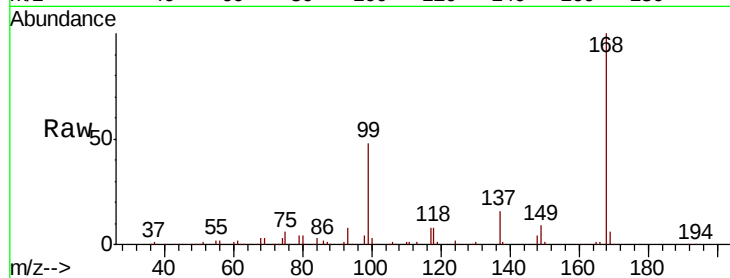
VN0911WBL01

Tot Ion:168 Resp: 681220

Ion Ratio Lower Upper

168 100

99 48.4 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

300000

250000

200000

150000

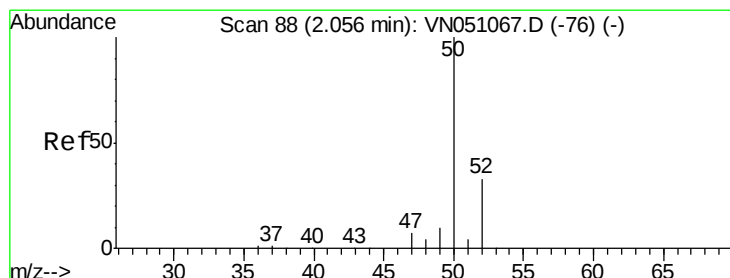
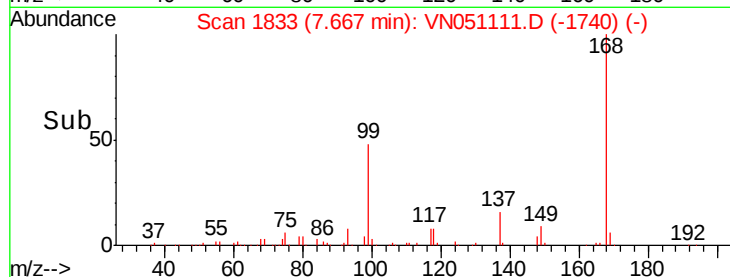
100000

50000

0

7.60 7.70 7.80

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN051111.D

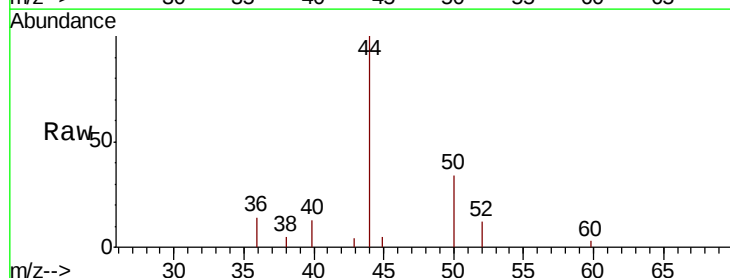
Acq: 11 Sep 2018 8:28

Tgt Ion: 50 Resp: 2360

Ion Ratio Lower Upper

50 100

52 35.4 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2000

1500

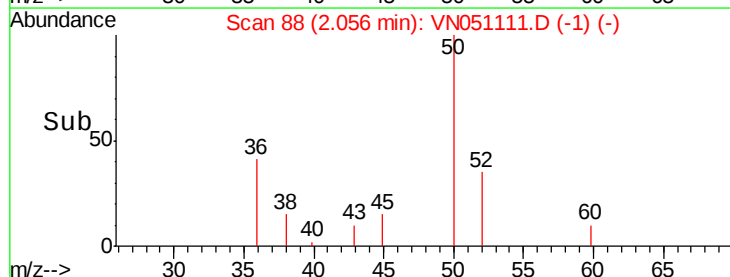
1000

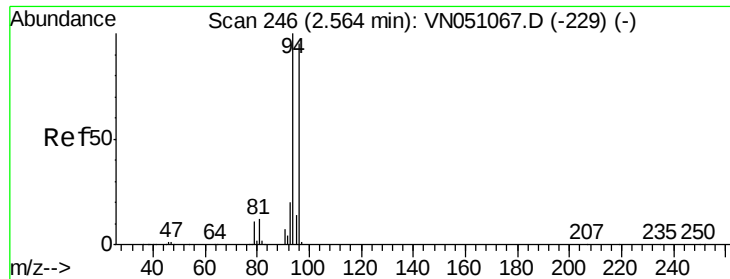
500

0

2.05 2.10

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN051111.D

Acq: 11 Sep 2018 8:28

Instrument :

MSVOA_N

ClientSampled :

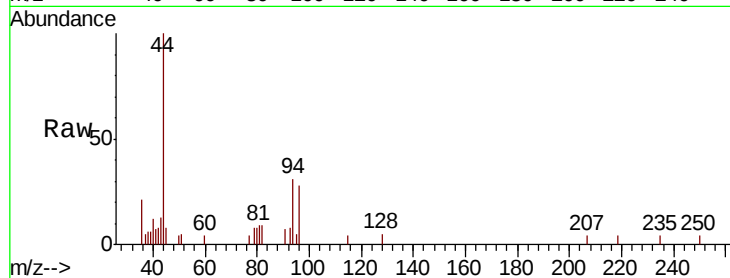
VN0911WBL01

Tot Ion: 94 Resp: 2676

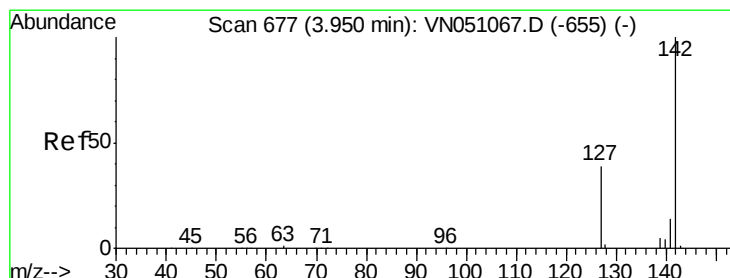
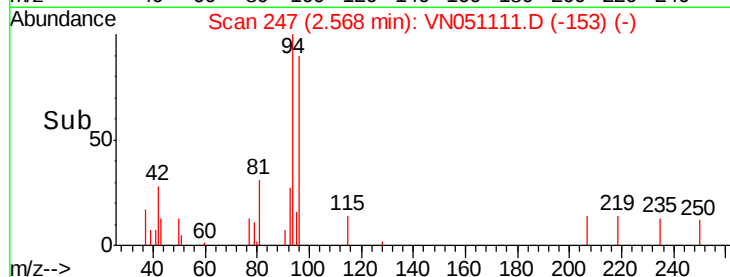
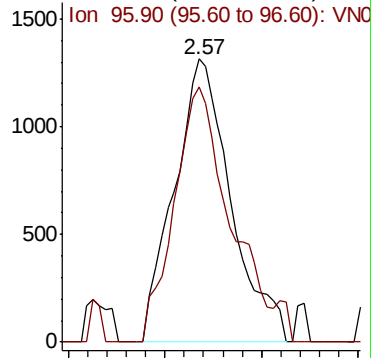
Ion Ratio Lower Upper

94 100

96 90.1 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VN051111.D (-153) (-)



#10

Methyl Iodide

Concen: 5.72 ug/l

RT: 3.95 min Scan# 677

Delta R.T. 0.00 min

Lab File: VN051111.D

Acq: 11 Sep 2018 8:28

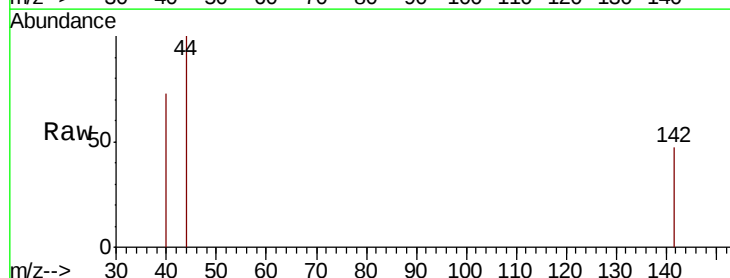
Tgt Ion: 142 Resp: 763

Ion Ratio Lower Upper

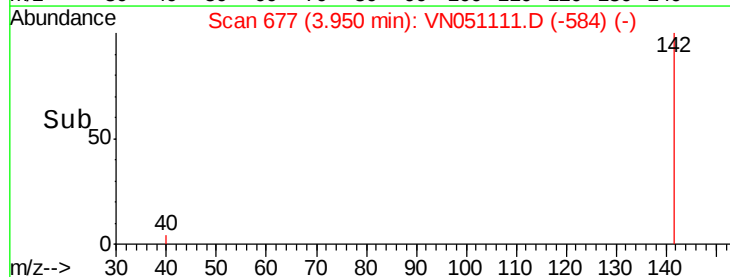
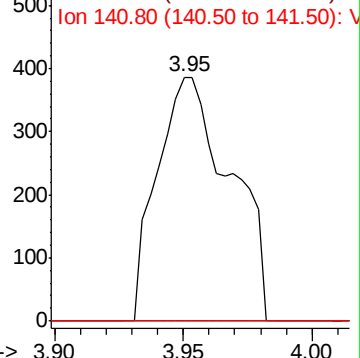
142 100

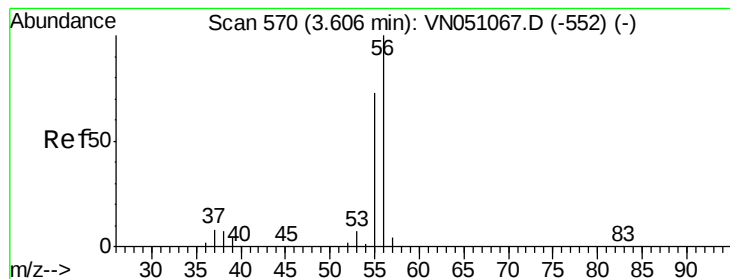
127 0.0 31.0 46.4#

141 0.0 11.3 16.9#



Abundance Ion 141.80 (141.50 to 142.50): VN051111.D (-584) (-)





#13

Acrolein

Concen: 24.56 ug/l

RT: 3.62 min Scan# 574

Delta R.T. 0.01 min

Lab File: VN051111.D

Acq: 11 Sep 2018 8:28

Instrument :

MSVOA_N

ClientSampleId :

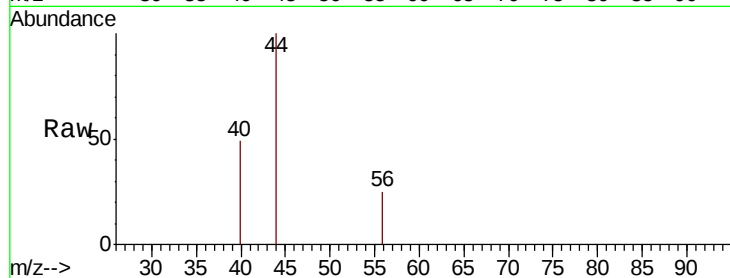
VN0911WBL01

Tot Ion: 56 Resp: 221

Ion Ratio Lower Upper

56 100

55 0.0 58.0 87.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.62

300

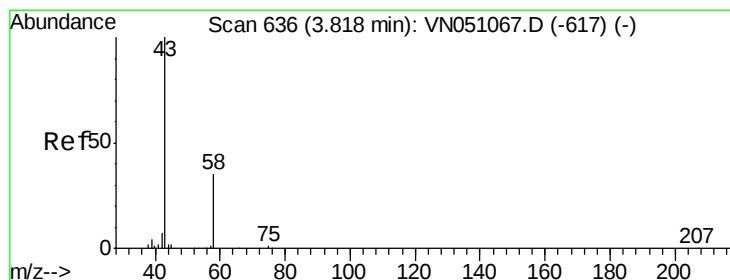
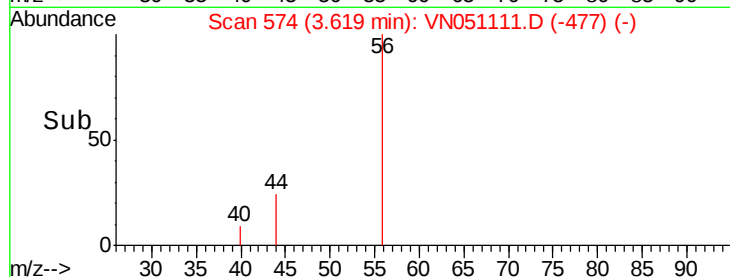
200

100

0

3.60 3.61 3.62 3.63

Time-->



#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051111.D

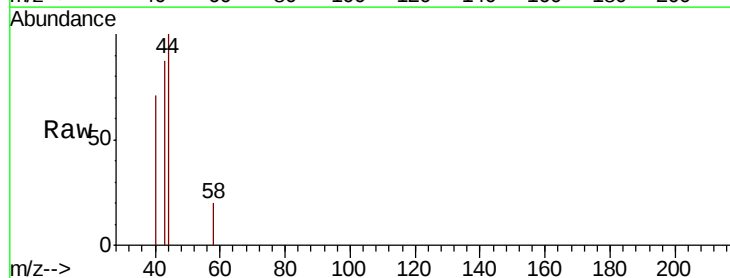
Acq: 11 Sep 2018 8:28

Tgt Ion: 43 Resp: 2017

Ion Ratio Lower Upper

43 100

58 23.0 27.8 41.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

800

600

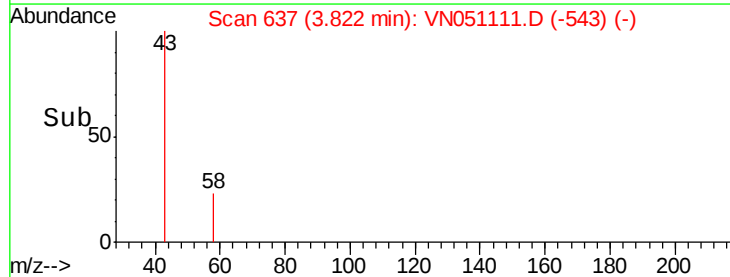
400

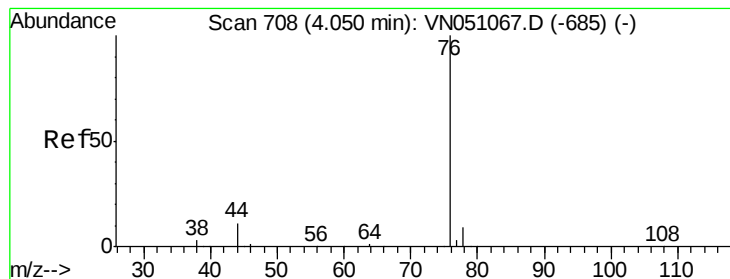
200

0

3.75 3.80 3.82 3.85 3.90

Time-->





#17

Carbon Disulfide

Concen: 0.36 ug/l

RT: 4.05 min Scan# 709

Delta R.T. 0.00 min

Lab File: VN051111.D

Acq: 11 Sep 2018 8:28

Instrument :

MSVOA_N

ClientSampled :

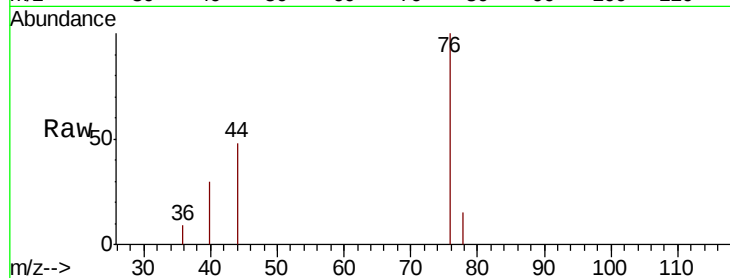
VN0911WBL01

Tot Ion: 76 Resp: 5331

Ion Ratio Lower Upper

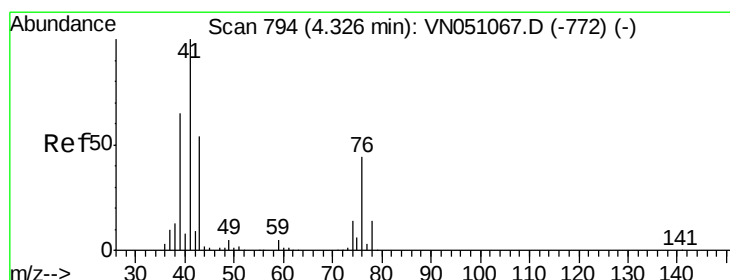
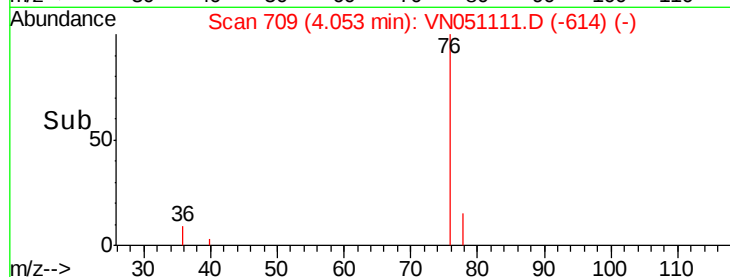
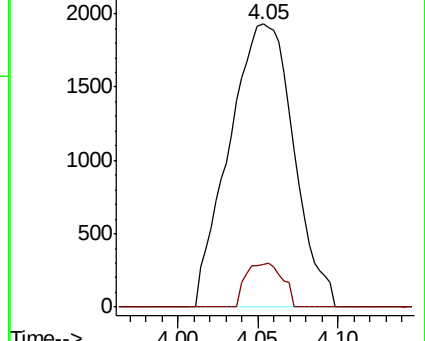
76 100

78 15.0 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 0.48 ug/l

RT: 4.34 min Scan# 799

Delta R.T. 0.02 min

Lab File: VN051111.D

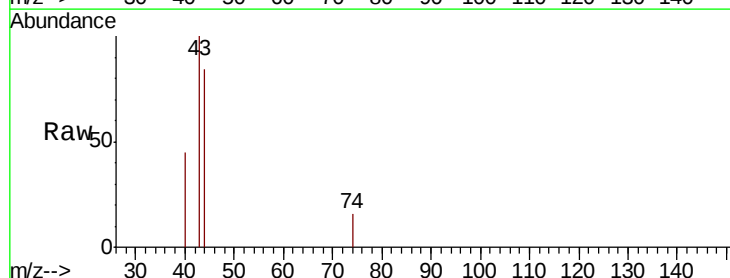
Acq: 11 Sep 2018 8:28

Tgt Ion: 43 Resp: 2916

Ion Ratio Lower Upper

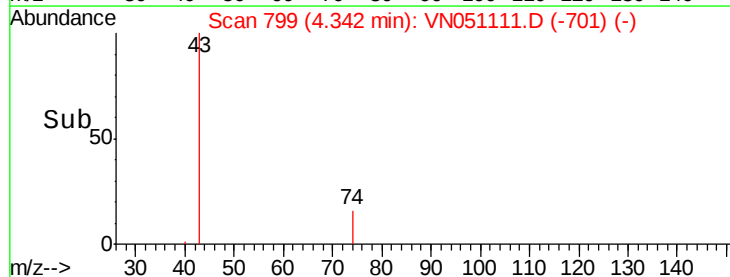
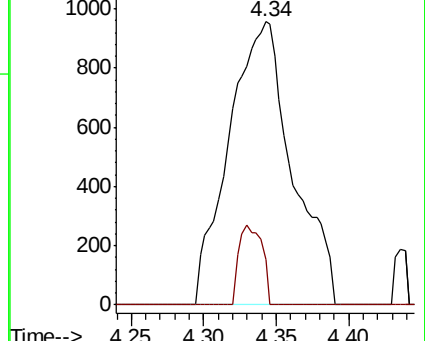
43 100

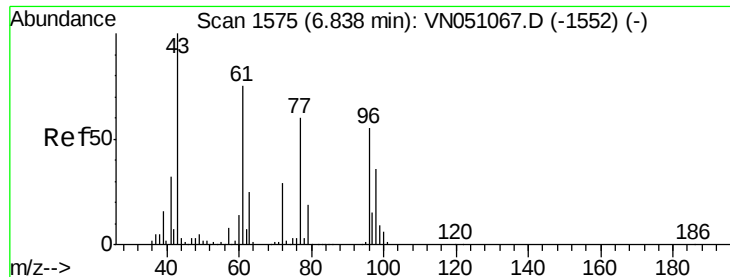
74 10.2 20.7 31.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

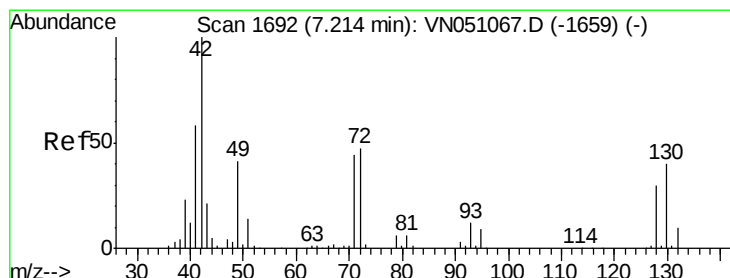
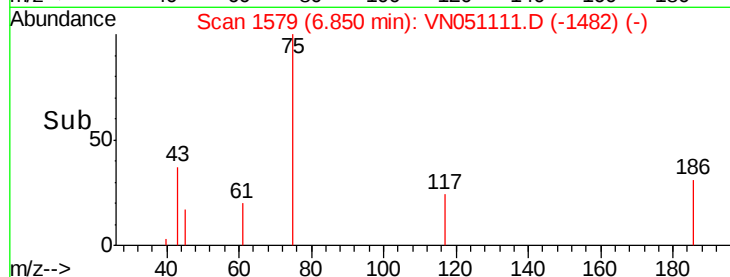
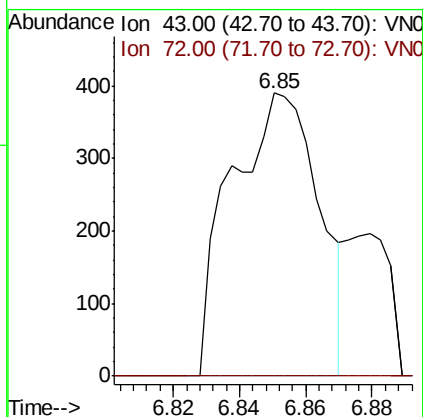
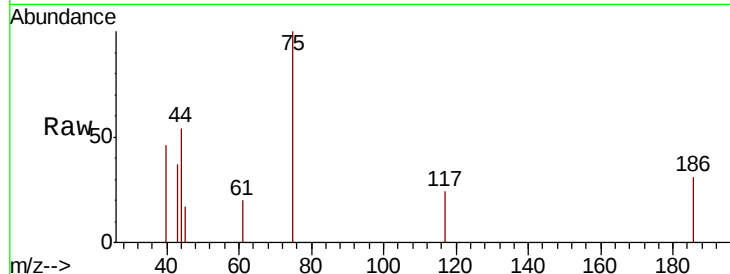




#25
2-Butanone
Concen: 0.24 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN051111.D
Acq: 11 Sep 2018 8:28

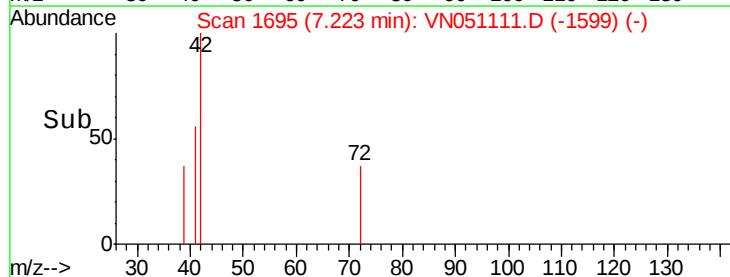
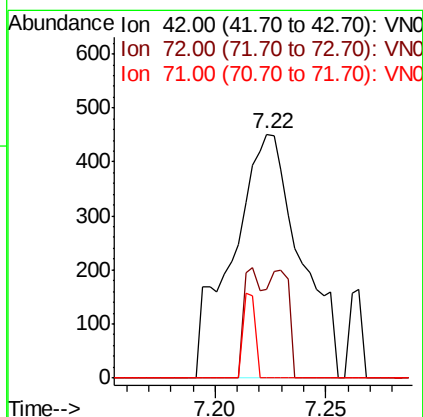
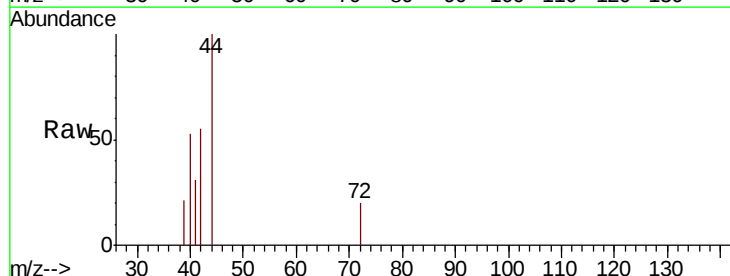
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBL01

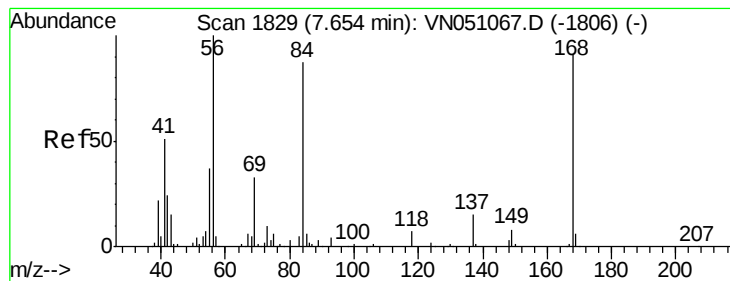
Tot Ion: 43 Resp: 718
Ion Ratio Lower Upper
43 100
72 0.0 23.0 34.6#



#29
Tetrahydrofuran
Concen: 0.52 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VN051111.D
Acq: 11 Sep 2018 8:28

Tgt Ion: 42 Resp: 964
Ion Ratio Lower Upper
42 100
72 11.2 37.4 56.0#
71 6.1 34.7 52.1#





#31

Cyclohexane

Concen: 0.61 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN051111.D

Acq: 11 Sep 2018 8:28

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBL01

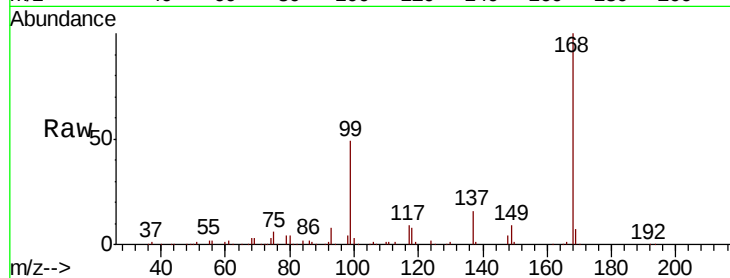
Tot Ion: 56 Resp: 10413

Ion Ratio Lower Upper

56 100

69 196.8 26.3 39.5#

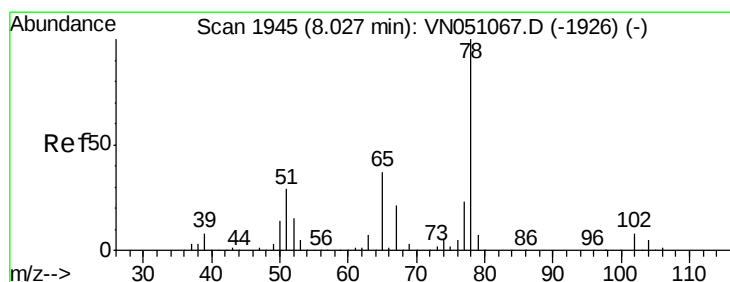
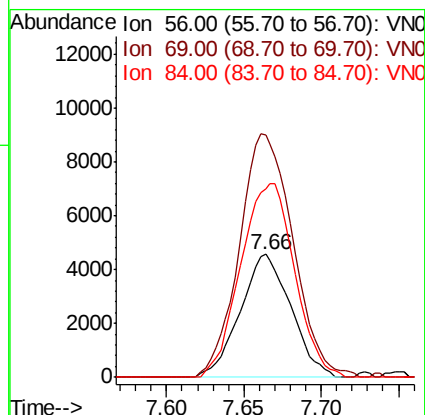
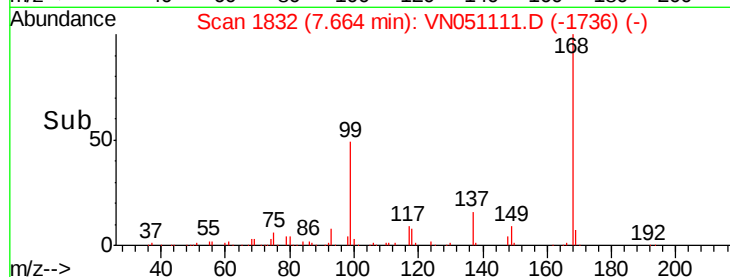
84 153.1 69.4 104.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 51.45 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051111.D

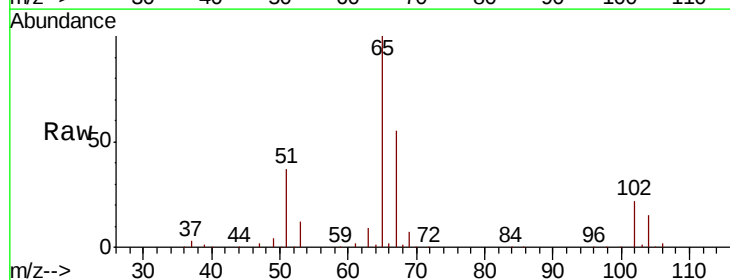
Acq: 11 Sep 2018 8:28

Tgt Ion: 65 Resp: 390063

Ion Ratio Lower Upper

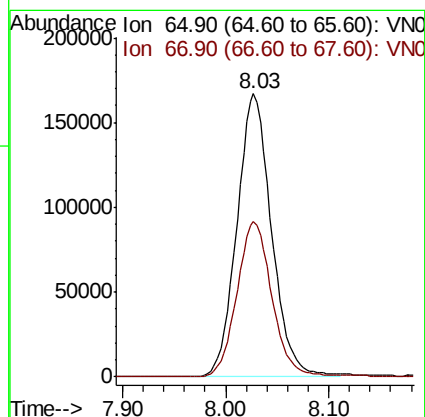
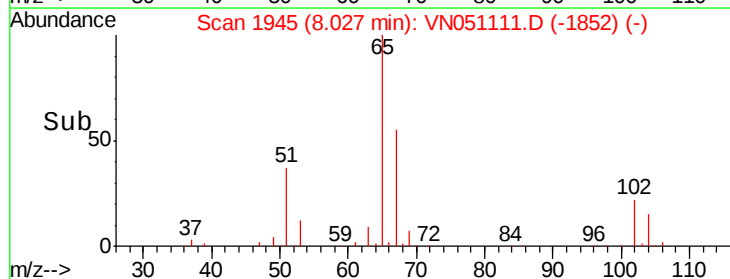
65 100

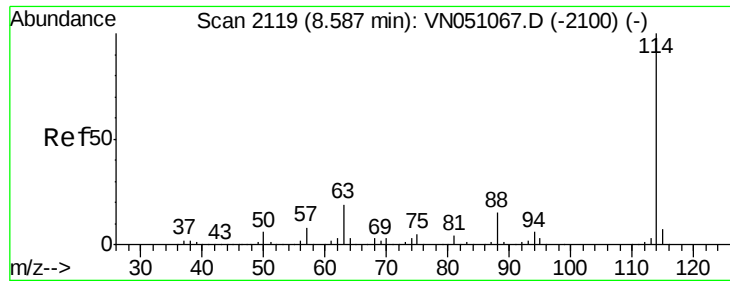
67 56.0 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

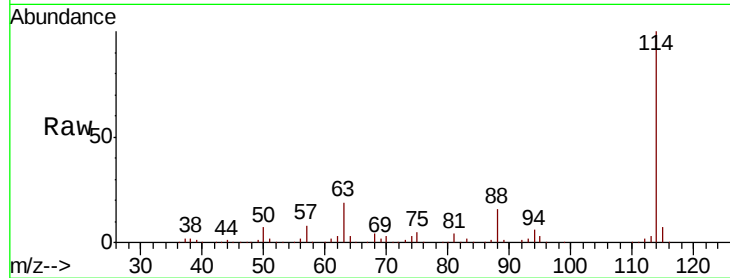




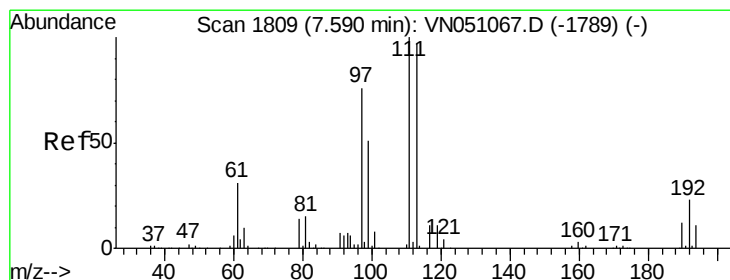
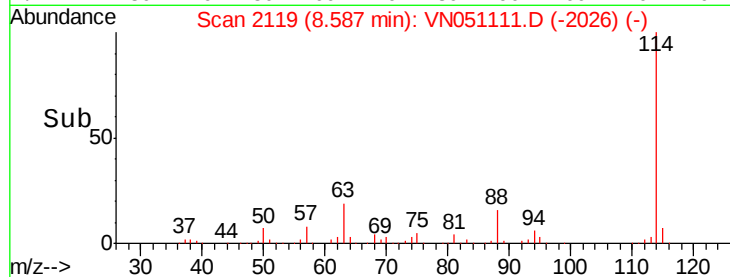
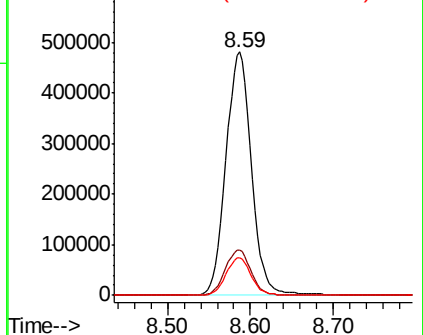
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051111.D
 Acq: 11 Sep 2018 8:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBL01

Tot Ion:114 Resp: 1032315
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.8
 88 15.5 0.0 30.8

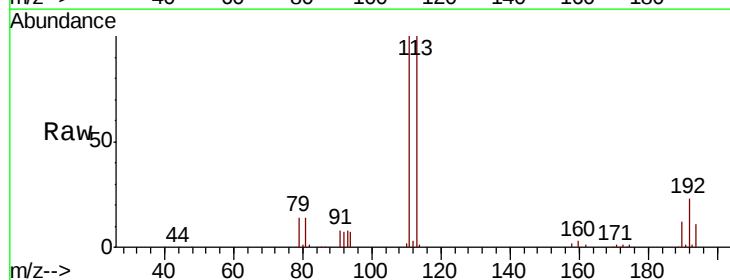


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

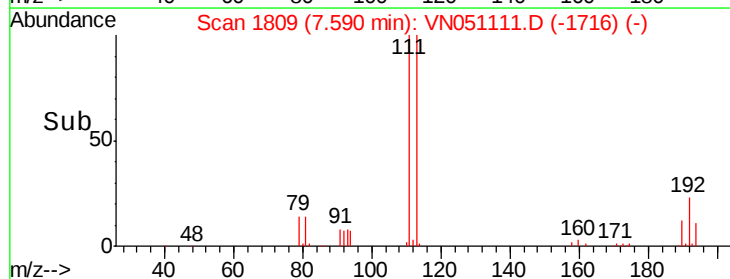
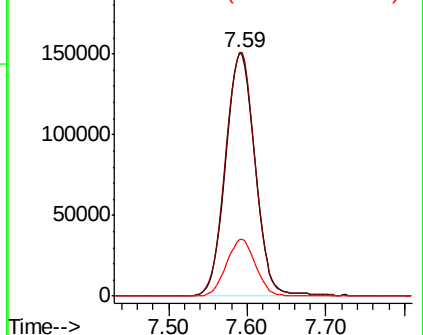


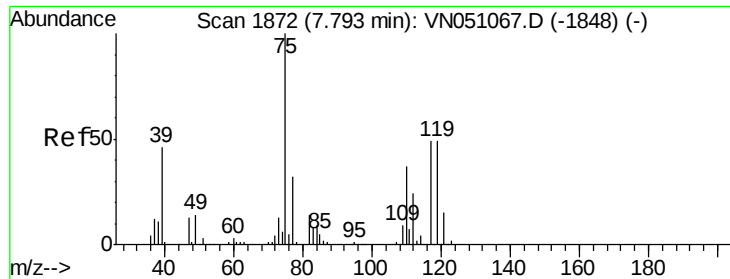
#35
 Dibromofluoromethane
 Concen: 50.43 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051111.D
 Acq: 11 Sep 2018 8:28

Tgt Ion:113 Resp: 391190
 Ion Ratio Lower Upper
 113 100
 111 101.2 83.0 124.6
 192 22.9 18.7 28.1



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

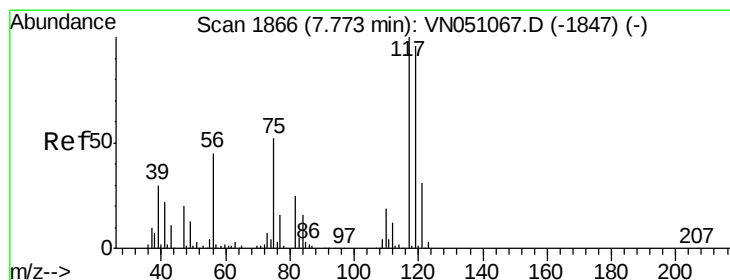
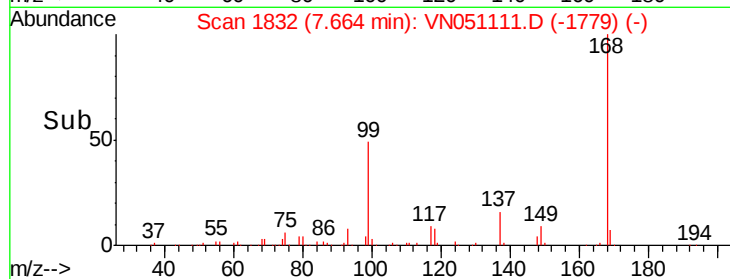
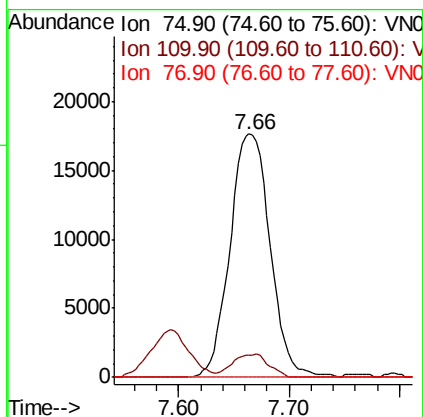
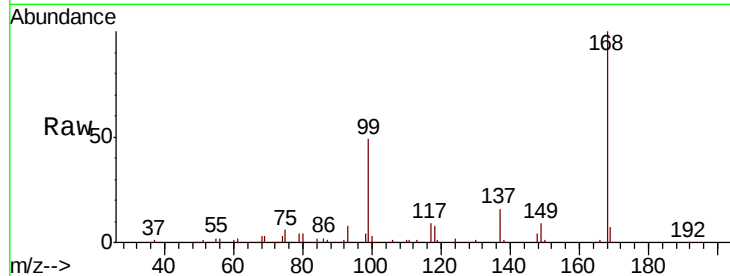




#36
 1,1-Dichloropropene
 Concen: 3.93 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN051111.D
 Acq: 11 Sep 2018 8:28

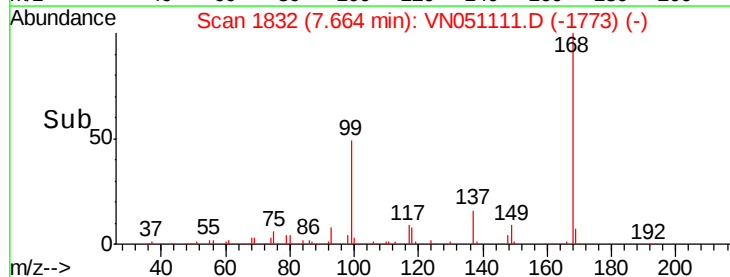
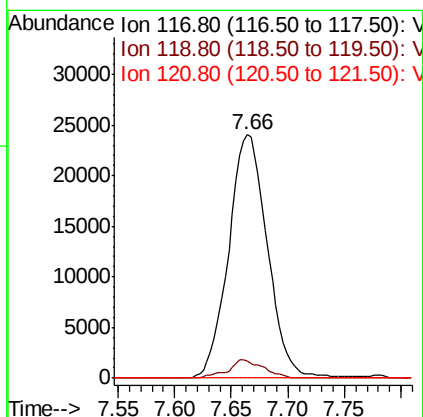
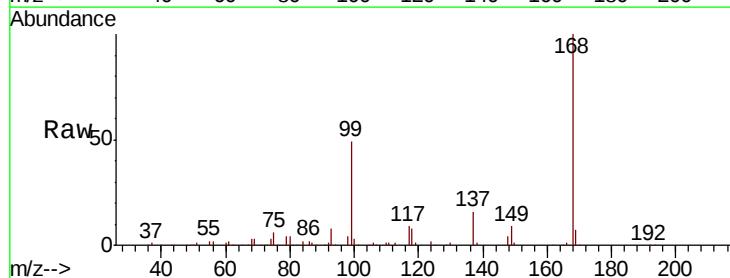
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBL01

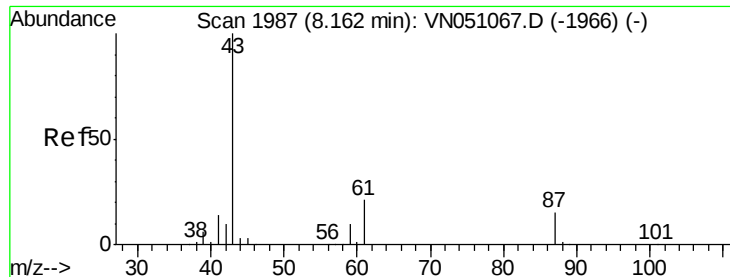
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.6	55.8#
77	0.0	25.2	37.8#



#38
 Carbon Tetrachloride
 Concen: 5.13 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN051111.D
 Acq: 11 Sep 2018 8:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.9	76.8	115.2#
121	0.0	24.6	36.8#





#43

Isopropyl Acetate

Concen: 1.19 ug/l

RT: 8.25 min Scan# 2014

Delta R.T. 0.09 min

Lab File: VN051111.D

Acq: 11 Sep 2018 8:28

Instrument :

MSVOA_N

ClientSampled :

VN0911WBL01

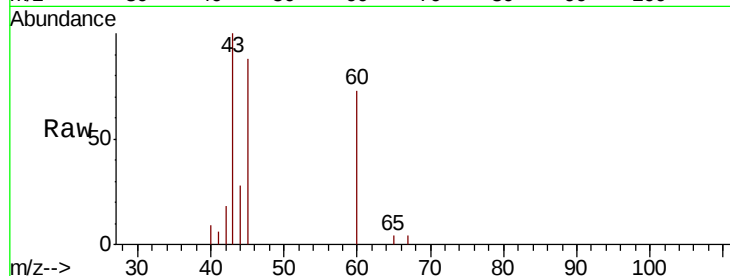
Tot Ion: 43 Resp: 13800

Ion Ratio Lower Upper

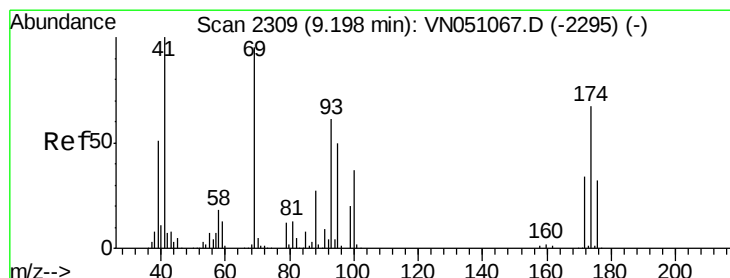
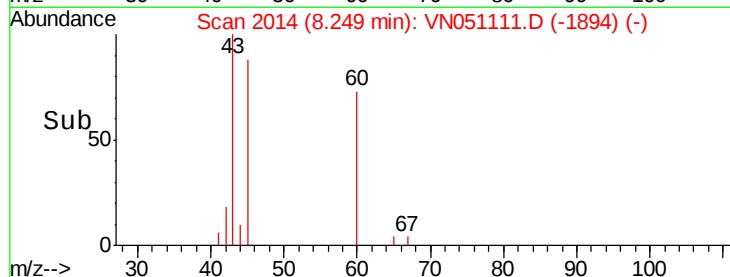
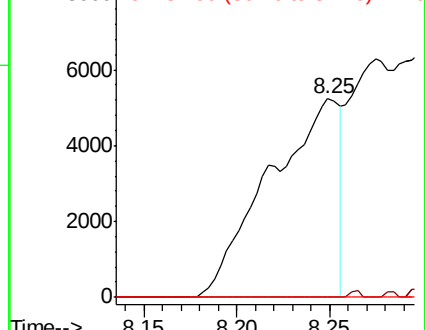
43 100

61 0.0 25.0 37.6#

87 0.0 11.8 17.8#



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



#49

1,4-Dioxane

Concen: 0.34 ug/l

RT: 9.21 min Scan# 2314

Delta R.T. 0.02 min

Lab File: VN051111.D

Acq: 11 Sep 2018 8:28

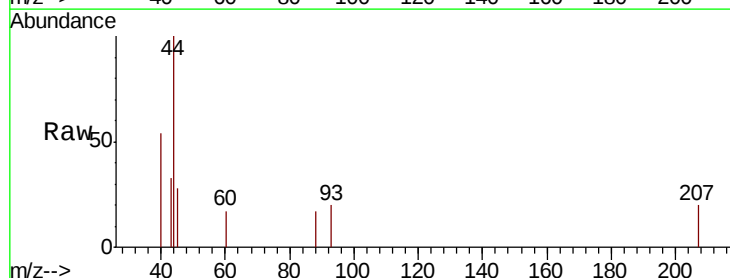
Tgt Ion: 88 Resp: 30

Ion Ratio Lower Upper

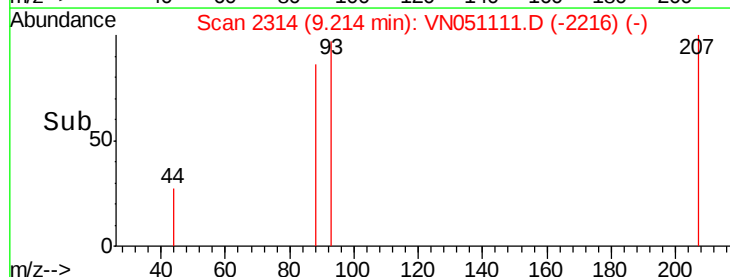
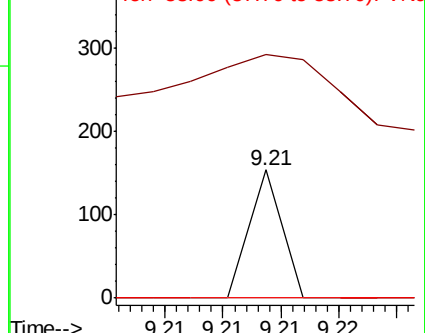
88 100

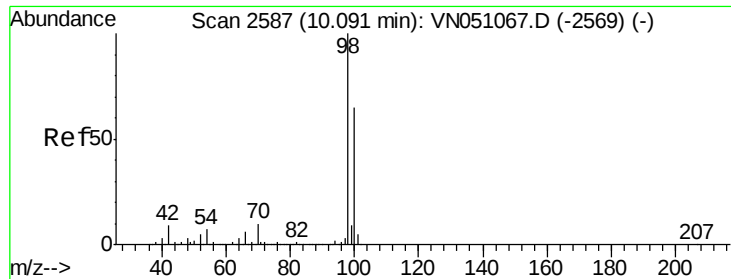
43 0.0 23.7 35.5#

58 0.0 54.6 82.0#



Abundance Ion 88.00 (87.70 to 88.70): VNO
Ion 43.00 (42.70 to 43.70): VNO
Ion 58.00 (57.70 to 58.70): VNO





#50

Toluene-d8

Concen: 48.33 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051111.D

Acq: 11 Sep 2018 8:28

Instrument :

MSVOA_N

ClientSampleId :

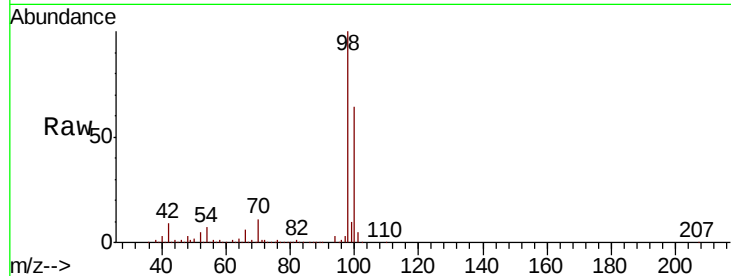
VN0911WBL01

Tot Ion: 98 Resp: 1422724

Ion Ratio Lower Upper

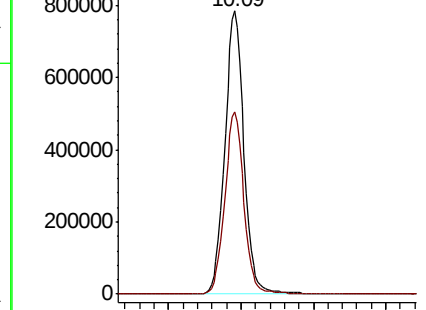
98 100

100 64.5 52.0 78.0

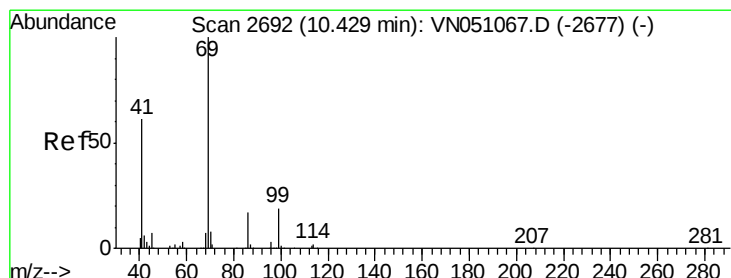
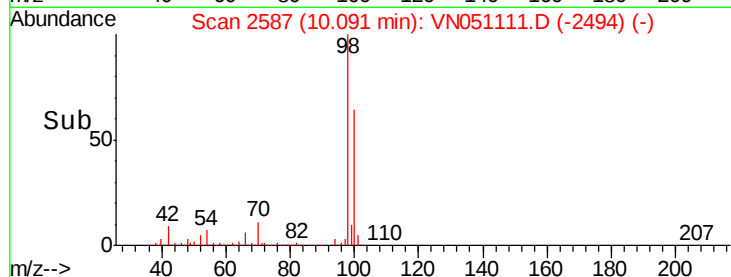


Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



Time-->



#56

Ethyl methacrylate

Concen: 2.48 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. -0.01 min

Lab File: VN051111.D

Acq: 11 Sep 2018 8:28

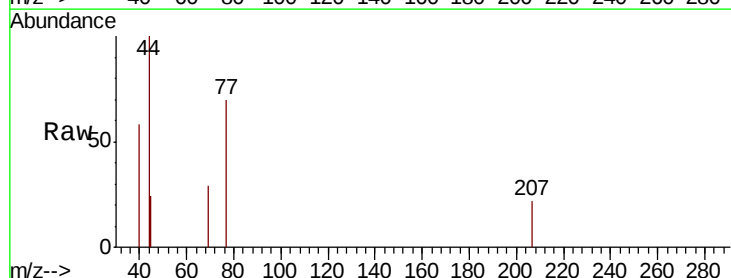
Tgt Ion: 69 Resp: 253

Ion Ratio Lower Upper

69 100

41 50.2 47.8 71.8

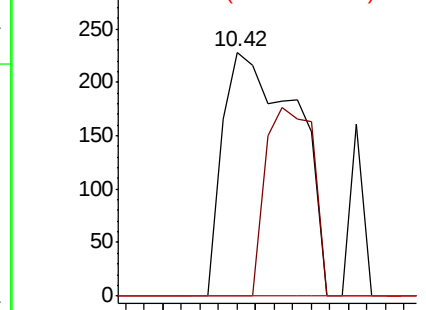
39 0.0 23.0 34.4#



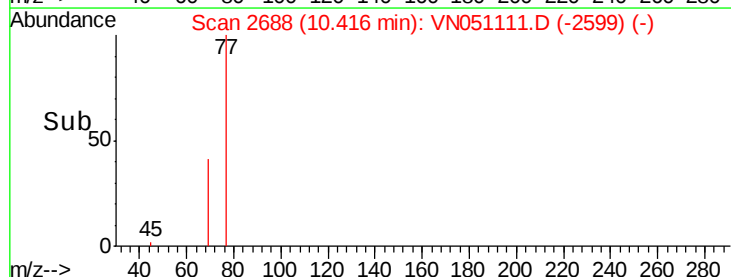
Abundance Ion 69.00 (68.70 to 69.70): VN0

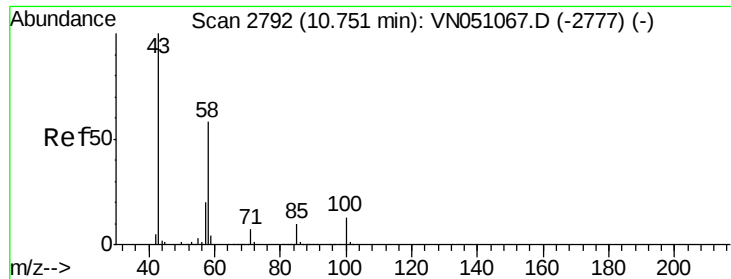
Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



Time-->

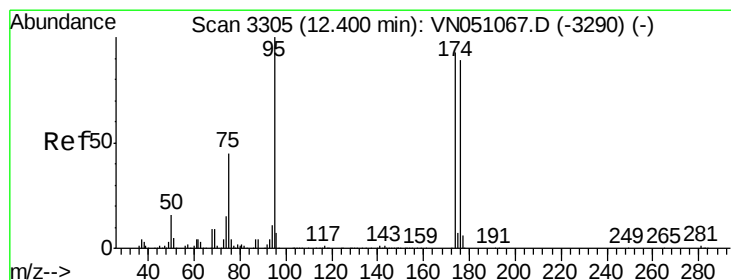
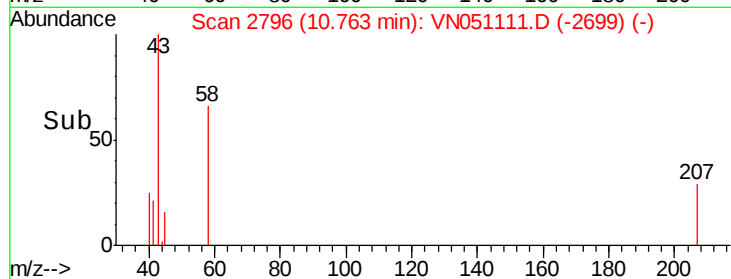
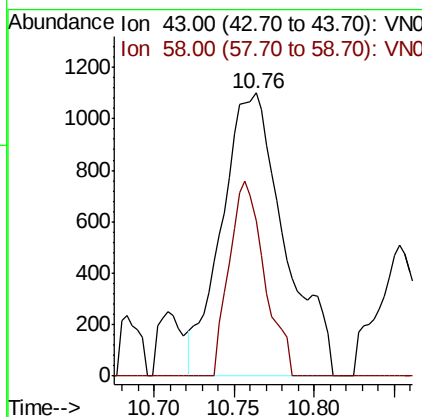
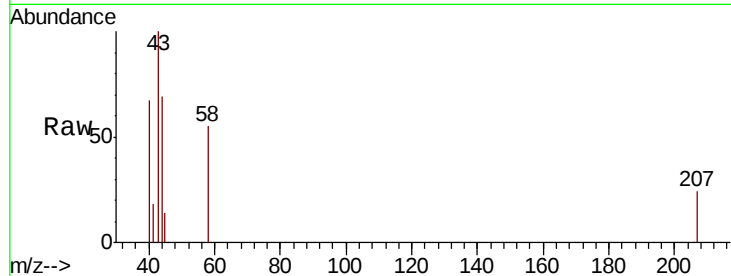




#59
2-Hexanone
Concen: 0.68 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN051111.D
Acq: 11 Sep 2018 8:28

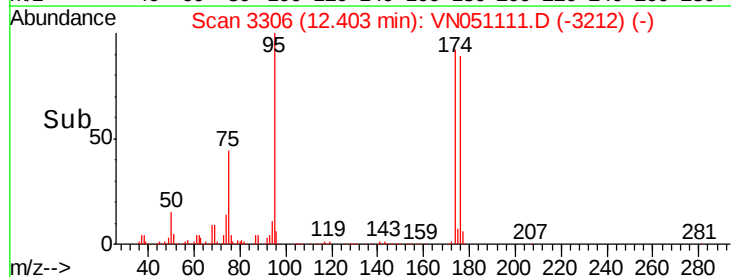
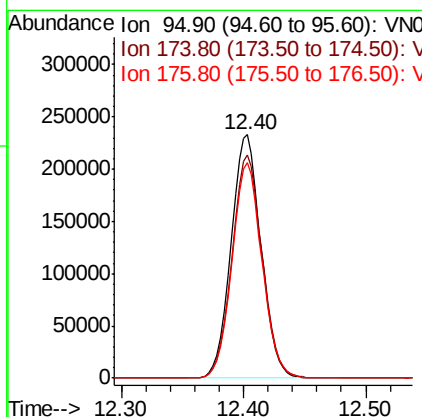
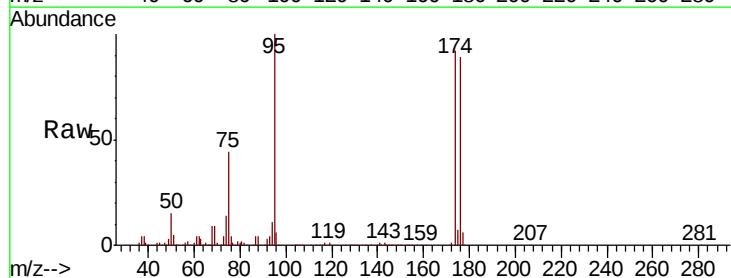
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBL01

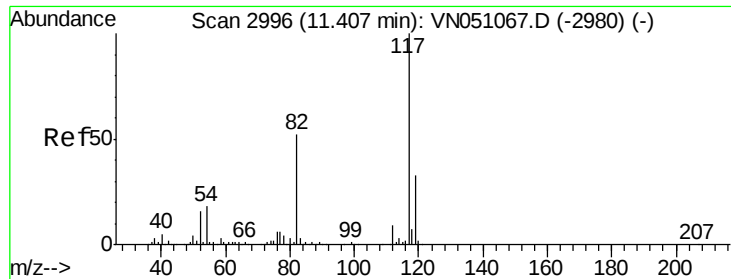
Tot Ion: 43 Resp: 2961
Ion Ratio Lower Upper
43 100
58 38.3 29.3 88.0



#62
4-Bromofluorobenzene
Concen: 40.77 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051111.D
Acq: 11 Sep 2018 8:28

Tgt Ion: 95 Resp: 396925
Ion Ratio Lower Upper
95 100
174 92.3 0.0 184.8
176 88.6 0.0 178.6

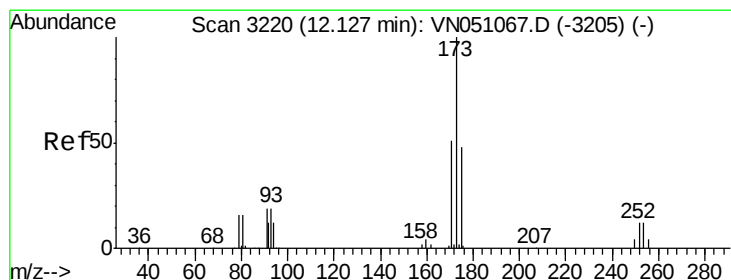
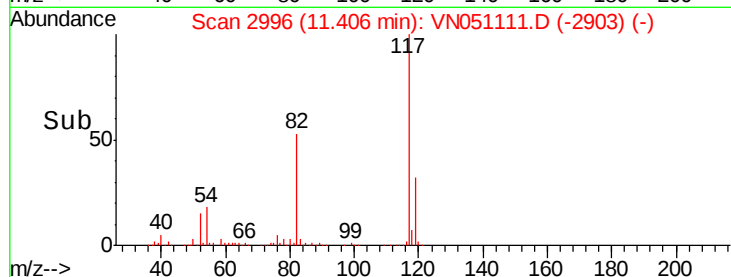
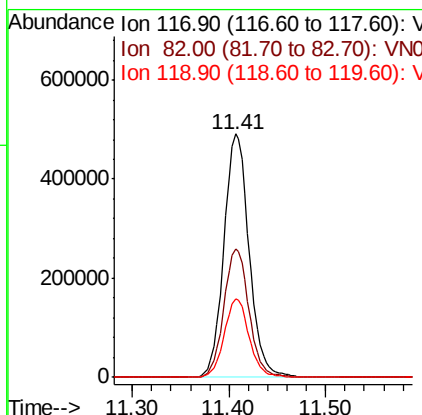
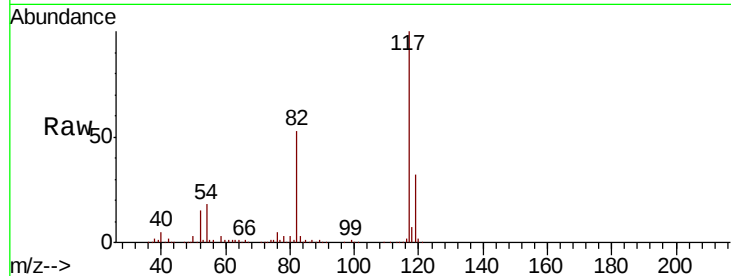




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051111.D
Acq: 11 Sep 2018 8:28

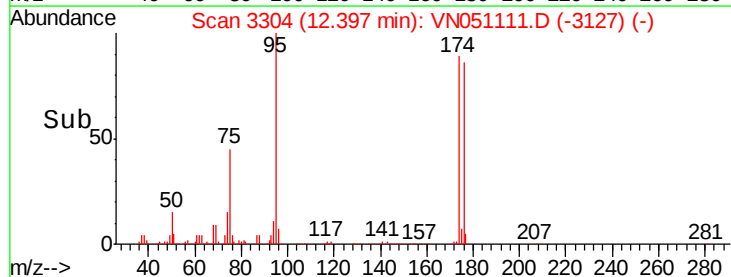
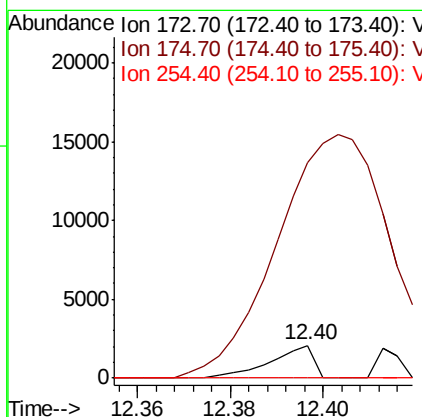
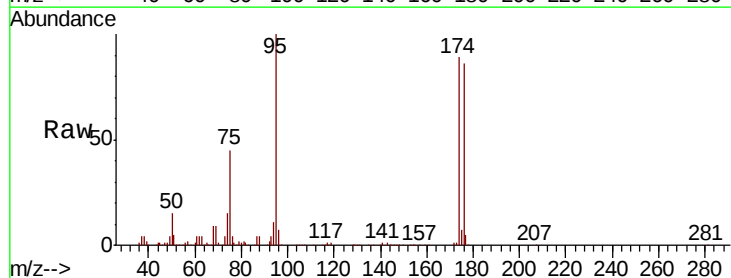
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBL01

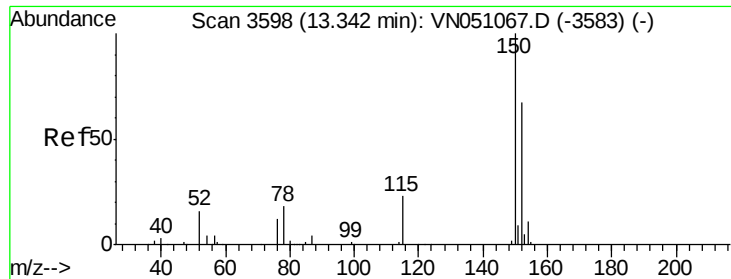
Tot Ion:117 Resp: 887565
Ion Ratio Lower Upper
117 100
82 52.5 41.8 62.6
119 32.2 26.2 39.2



#71
Bromoform
Concen: 0.23 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN051111.D
Acq: 11 Sep 2018 8:28

Tgt Ion:173 Resp: 1330
Ion Ratio Lower Upper
173 100
175 1727.7 24.3 72.9#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051111.D

Acq: 11 Sep 2018 8:28

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBL01

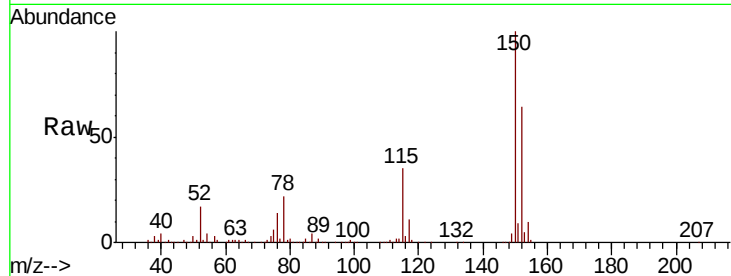
Tot Ion:152 Resp: 303436

Ion Ratio Lower Upper

152 100

115 55.2 28.2 84.7

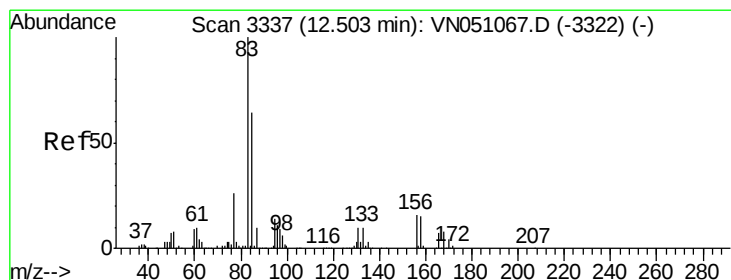
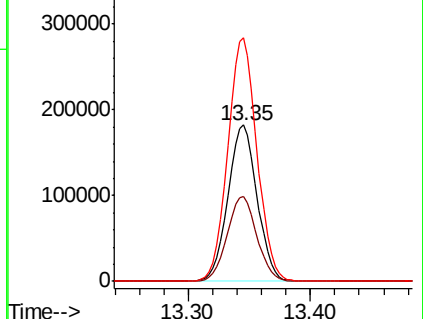
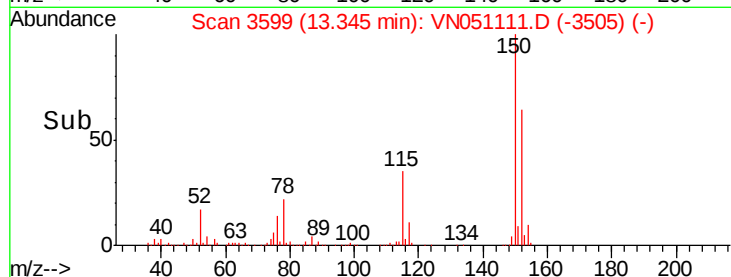
150 155.7 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN051111.D

Acq: 11 Sep 2018 8:28

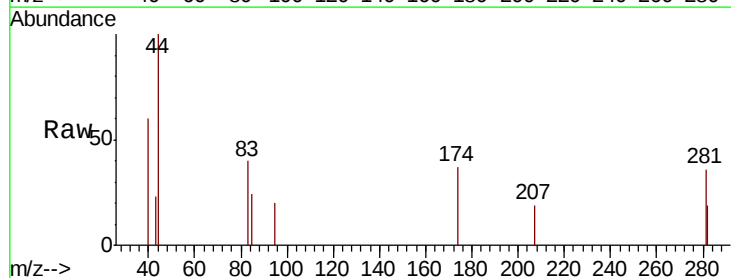
Tgt Ion: 83 Resp: 608

Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

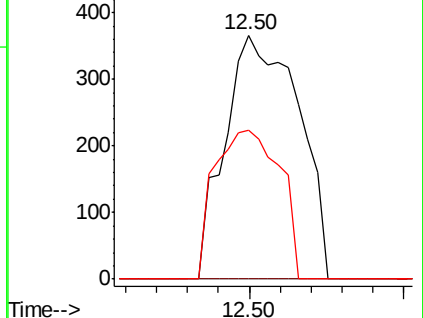
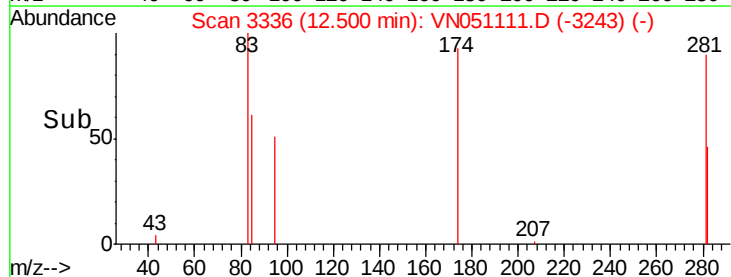
85 53.8 32.3 96.8

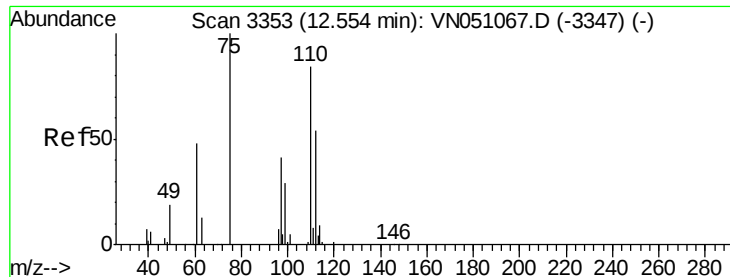


Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VNO





#76

1,2,3-Trichloropropane

Concen: 37.82 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051111.D

Acq: 11 Sep 2018 8:28

Instrument :

MSVOA_N

ClientSampleId :

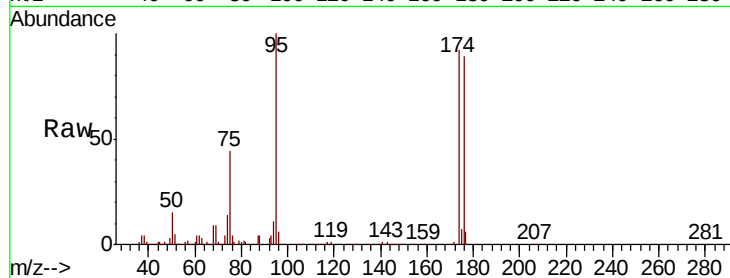
VN0911WBL01

Tot Ion: 75 Resp: 179618

Ion Ratio Lower Upper

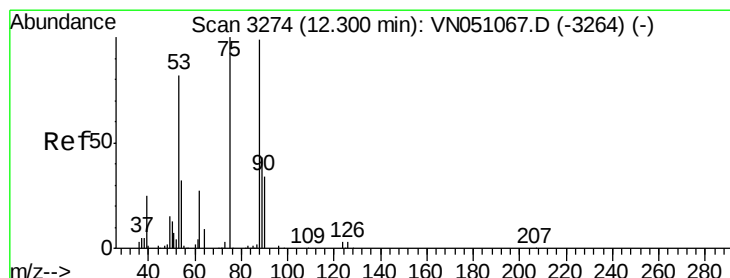
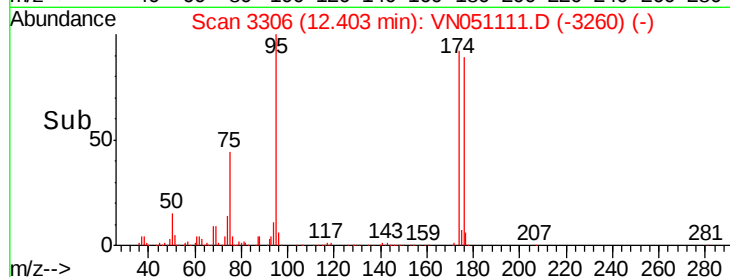
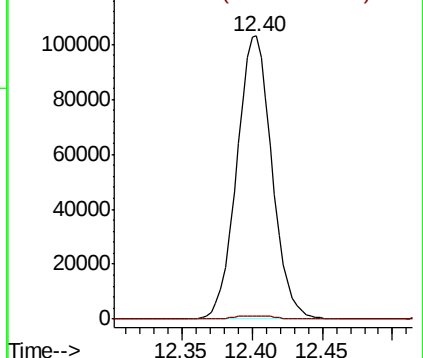
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



#81

trans-1,4-Dichloro-2-butene

Concen: 112.42 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051111.D

Acq: 11 Sep 2018 8:28

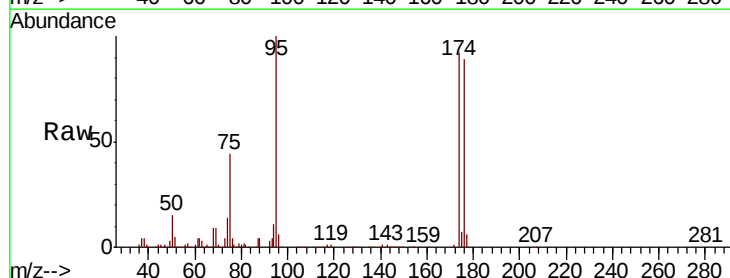
Tgt Ion: 75 Resp: 179618

Ion Ratio Lower Upper

75 100

53 0.1 67.8 101.8#

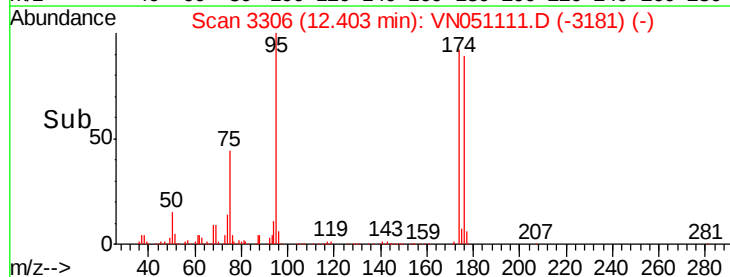
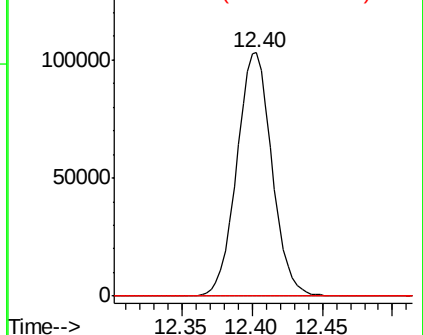
89 0.0 36.0 54.0#

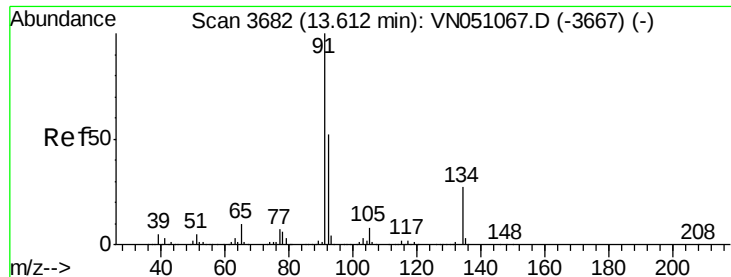


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

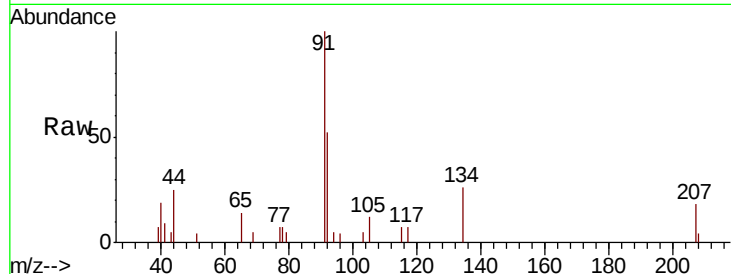




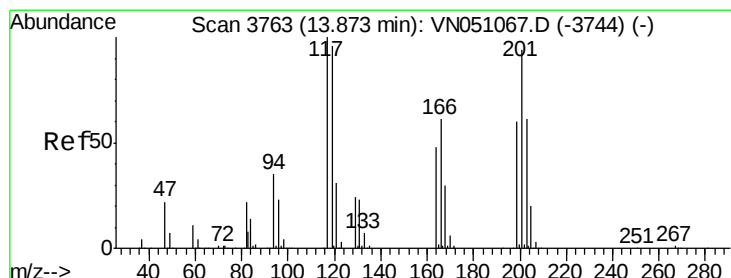
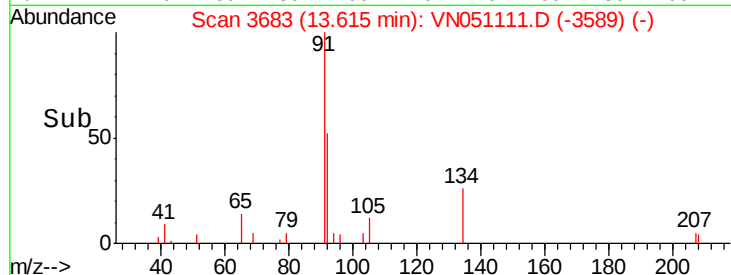
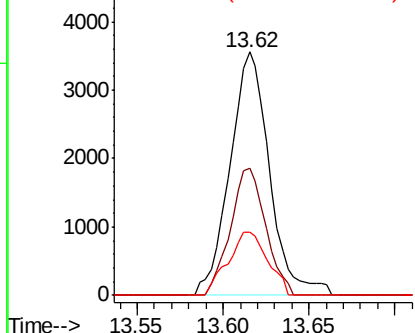
#89
n-Butylbenzene
Concen: 0.37 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051111.D
Acq: 11 Sep 2018 8:28

Instrument :
MSVOA_N
ClientSampled :
VN0911WBL01

Tot Ion: 91 Resp: 5717
Ion Ratio Lower Upper
91 100
92 46.5 26.2 78.6
134 26.0 13.7 41.1

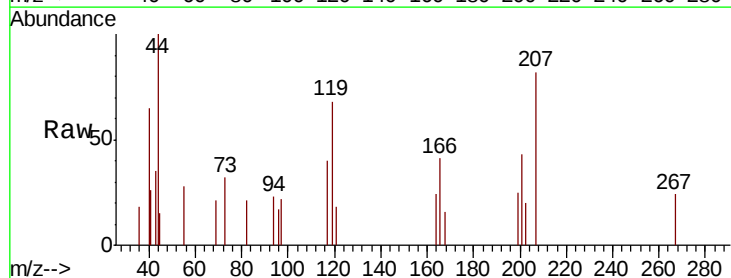


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

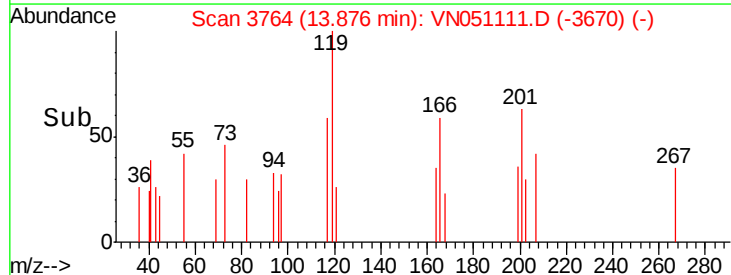
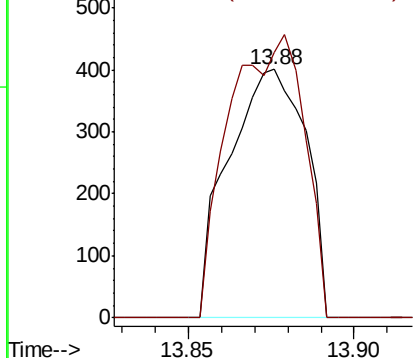


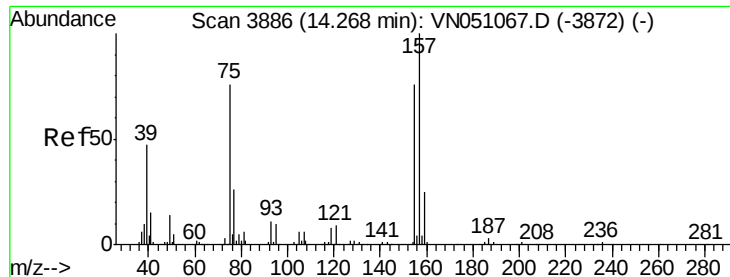
#90
Hexachloroethane
Concen: Below Cal
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN051111.D
Acq: 11 Sep 2018 8:28

Tgt Ion: 117 Resp: 651
Ion Ratio Lower Upper
117 100
201 111.4 47.3 142.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

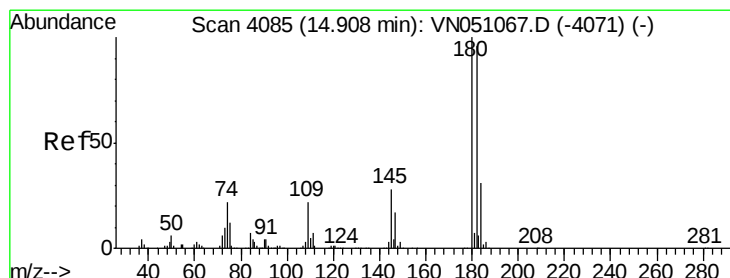
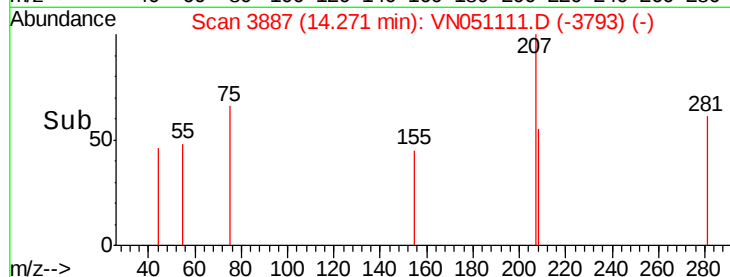
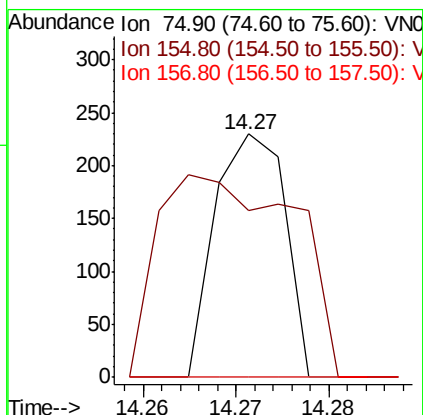
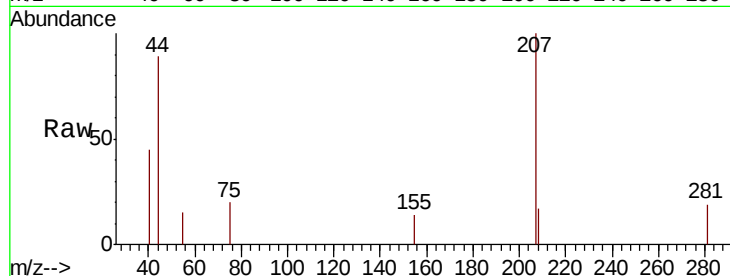




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.79 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN051111.D
 Acq: 11 Sep 2018 8:28

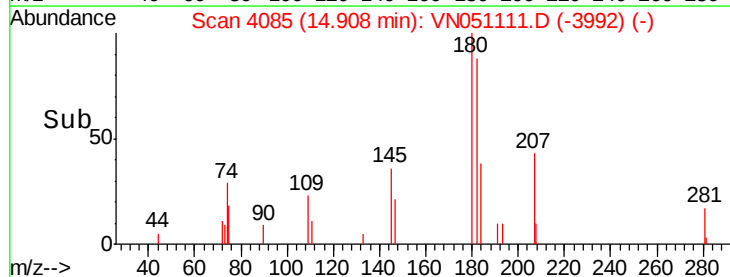
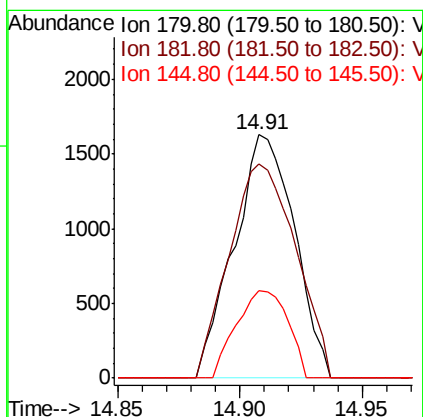
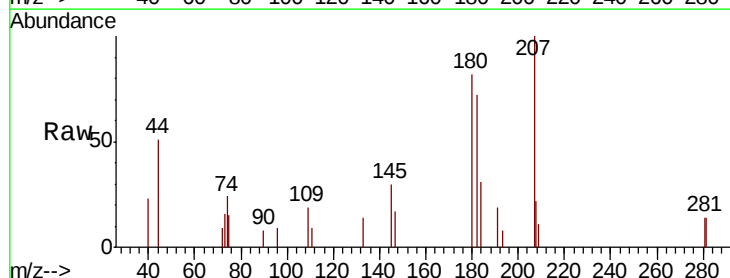
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBL01

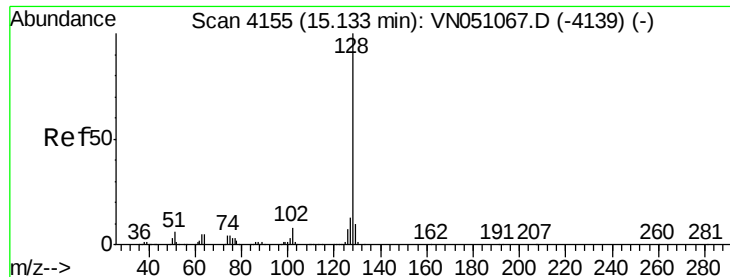
Tot Ion: 75 Resp: 120
 Ion Ratio Lower Upper
 75 100
 155 162.5 48.7 146.1#
 157 0.0 63.6 190.9#



#93
 1,2,4-Trichlorobenzene
 Concen: 4.45 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN051111.D
 Acq: 11 Sep 2018 8:28

Tgt Ion: 180 Resp: 2799
 Ion Ratio Lower Upper
 180 100
 182 96.9 47.3 141.8
 145 30.6 14.2 42.6





#95

Naphthalene

Concen: 5.82 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051111.D

Acq: 11 Sep 2018 8:28

Instrument :

MSVOA_N

ClientSampled :

VN0911WBL01

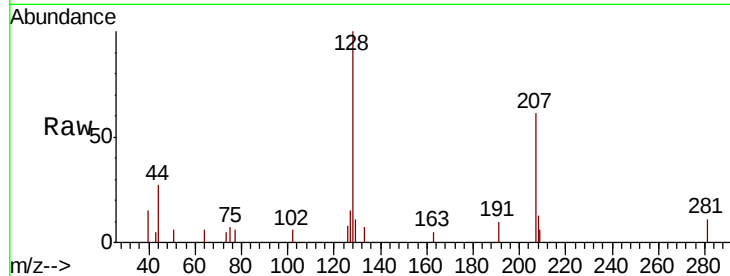
Tot Ion:128 Resp: 6079

Ion Ratio Lower Upper

128 100

127 13.8 10.6 15.8

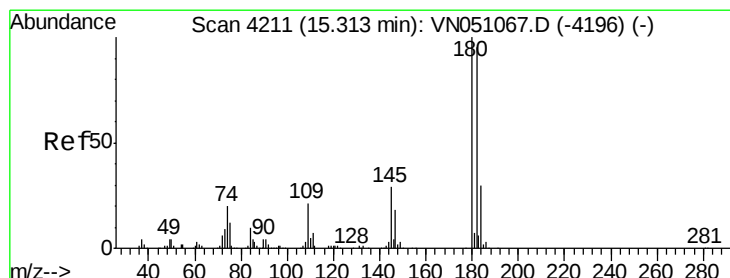
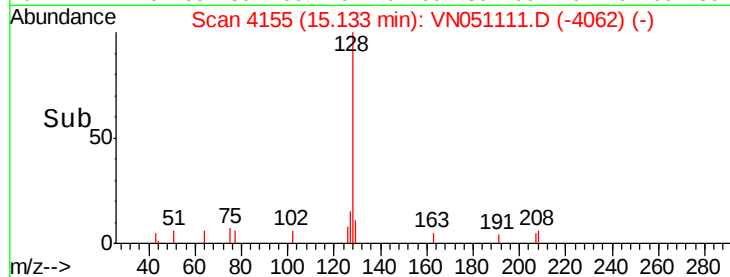
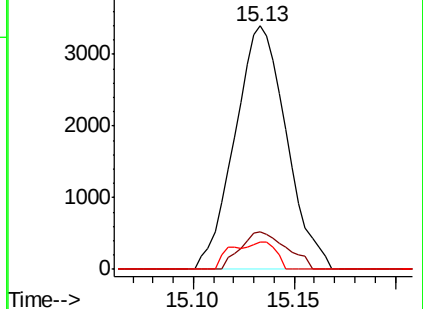
129 9.7 8.6 12.8



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: 3.61 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN051111.D

Acq: 11 Sep 2018 8:28

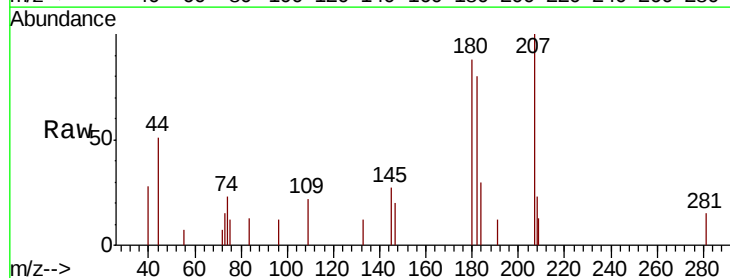
Tgt Ion:180 Resp: 3693

Ion Ratio Lower Upper

180 100

182 97.2 47.8 143.3

145 31.2 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

