

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082818\
 Data File : VN050930.D
 Acq On : 28 Aug 2018 22:21
 Operator : MD\SY
 Sample : J4277-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-01-082718-A

Quant Time: Aug 29 03:57:19 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	595249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	979071	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	831493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	296158	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	397394	55.46	ug/l	0.00
Spiked Amount			Recovery	=	110.92%	
35) Dibromofluoromethane	7.60	113	371522	47.70	ug/l	0.00
Spiked Amount			Recovery	=	95.40%	
50) Toluene-d8	10.09	98	1328539	45.62	ug/l	0.00
Spiked Amount			Recovery	=	91.24%	
62) 4-Bromofluorobenzene	12.40	95	360192	37.22	ug/l	0.00
Spiked Amount			Recovery	=	74.44%	

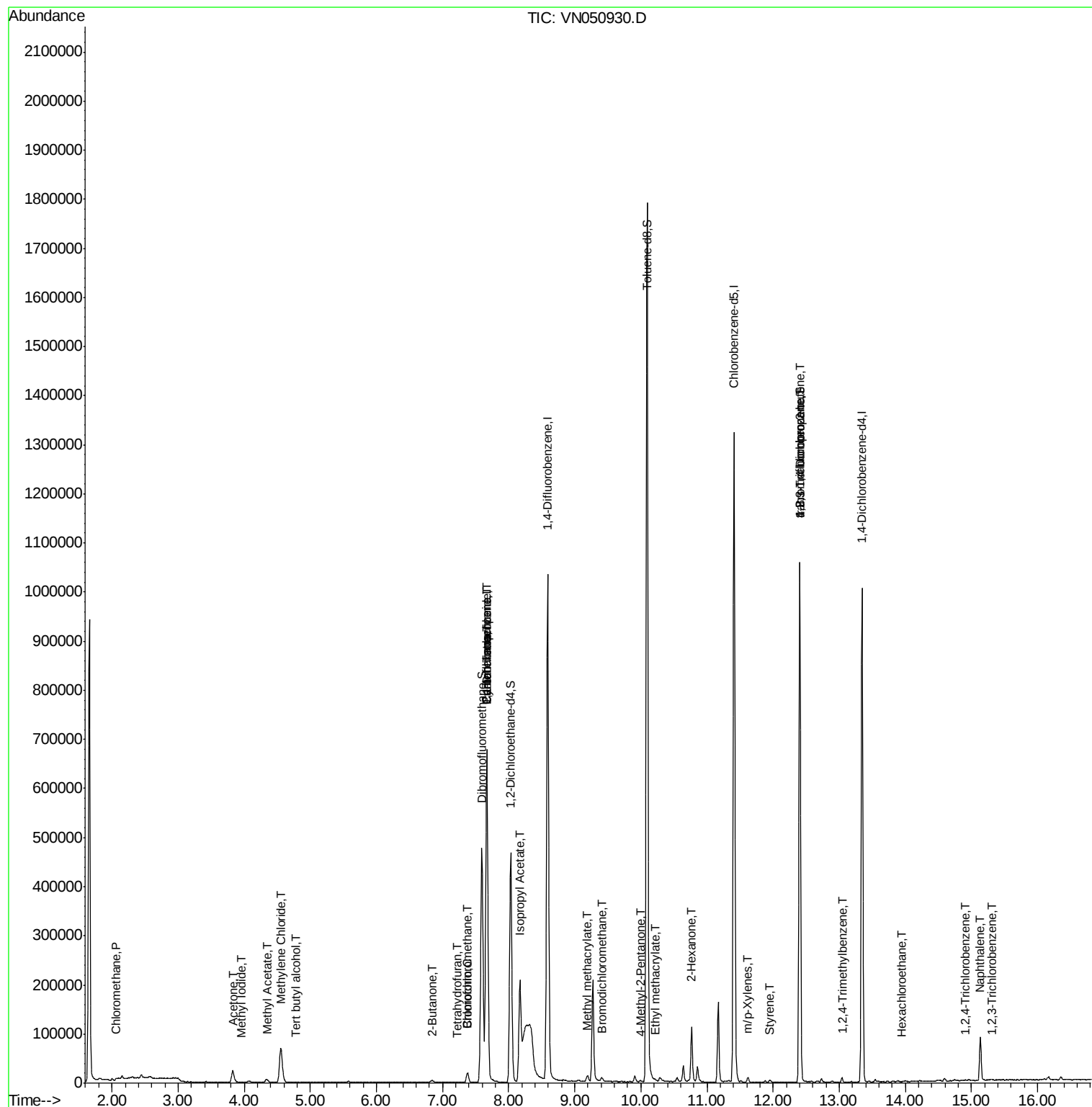
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2067	0.21	ug/l	92
5) Bromomethane	2.57	94	2305	Below Cal	#	78
10) Methyl Iodide	3.95	142	739	6.44	ug/l	# 53
11) Tert butyl alcohol	4.79	59	284	0.62	ug/l	# 72
16) Acetone	3.83	43	40932	17.55	ug/l	96
18) Methyl Acetate	4.34	43	13911	2.06	ug/l	# 89
20) Methylene Chloride	4.55	84	55111	6.82	ug/l	94
25) 2-Butanone	6.86	43	3028	1.05	ug/l	# 88
28) Bromochloromethane	7.37	49	1540	0.27	ug/l	# 10
29) Tetrahydrofuran	7.21	42	426	0.26	ug/l	# 45
30) Chloroform	7.38	83	21768	1.65	ug/l	100
31) Cyclohexane	7.67	56	10168	1.29	ug/l	# 1
36) 1,1-Dichloropropene	7.67	75	39060	3.38	ug/l	# 49
38) Carbon Tetrachloride	7.67	117	52985	4.54	ug/l	# 18
43) Isopropyl Acetate	8.17	43	258525	22.66	ug/l	95
47) Bromodichloromethane	9.40	83	4046	0.36	ug/l	# 88
48) Methyl methacrylate	9.18	41	7562	1.30	ug/l	# 20
51) 4-Methyl-2-Pentanone	9.99	43	1545	0.23	ug/l	90
56) Ethyl methacrylate	10.23	69	2198	2.56	ug/l	# 80
59) 2-Hexanone	10.77	43	15761	3.48	ug/l	# 61
68) m/p-Xylenes	11.62	106	2831	0.21	ug/l	92
70) Styrene	11.95	104	291	1.28	ug/l	# 58
76) 1,2,3-Trichloropropane	12.40	75	170231	32.82	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.40	75	170231	110.94	ug/l	# 15
84) 1,2,4-Trimethylbenzene	13.04	105	5198	0.26	ug/l	98
90) Hexachloroethane	13.95	117	187	0.24	ug/l	# 4
93) 1,2,4-Trichlorobenzene	14.91	180	234	4.12	ug/l	# 33
95) Naphthalene	15.13	128	77286	11.23	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	60	3.31	ug/l	# 42

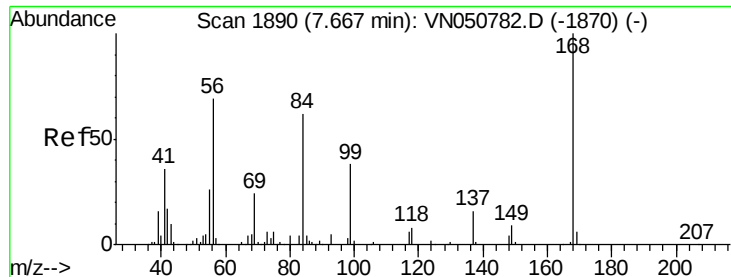
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050930.D

Acq: 28 Aug 2018 22:21

Instrument :

MSVOA_N

ClientSampleId :

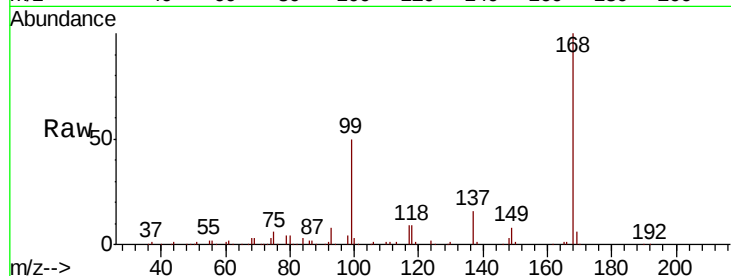
OR-01-082718-A

Tot Ion:168 Resp: 595249

Ion Ratio Lower Upper

168 100

99 50.3 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

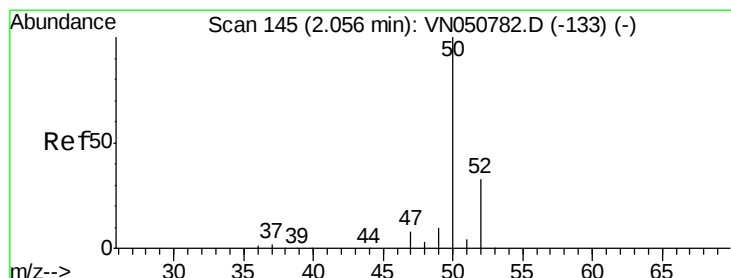
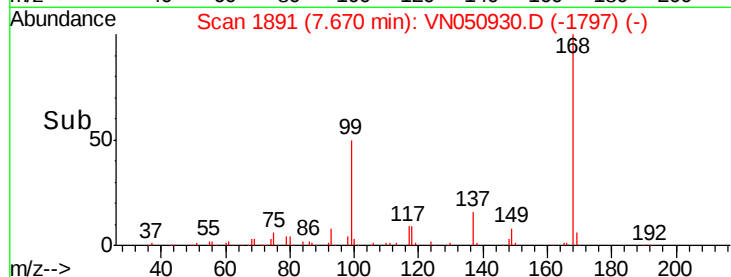
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.21 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050930.D

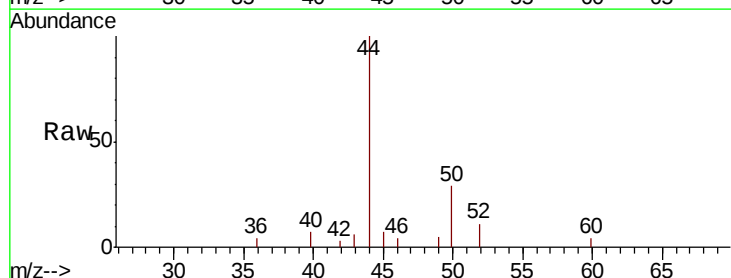
Acq: 28 Aug 2018 22:21

Tgt Ion: 50 Resp: 2067

Ion Ratio Lower Upper

50 100

52 37.3 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.06

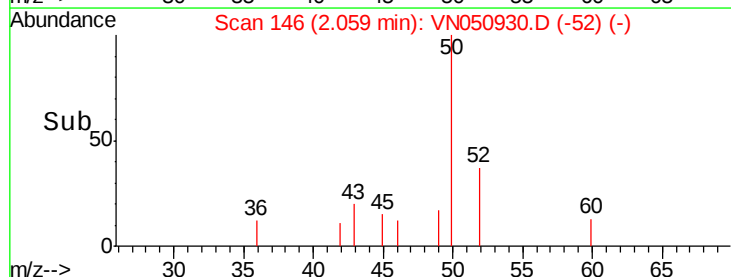
1500

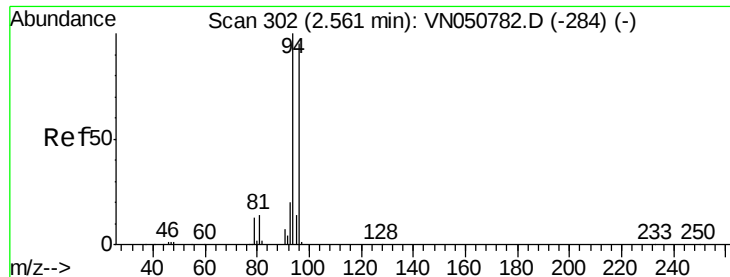
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN050930.D

Acq: 28 Aug 2018 22:21

Instrument :

MSVOA_N

ClientSampleId :

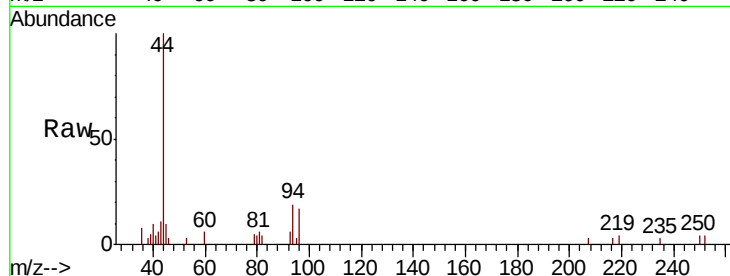
OR-01-082718-A

Tot Ion: 94 Resp: 2305

Ion Ratio Lower Upper

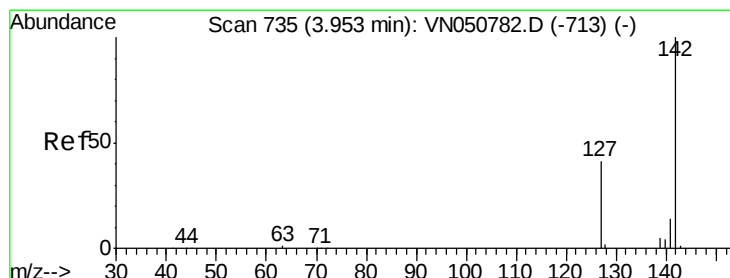
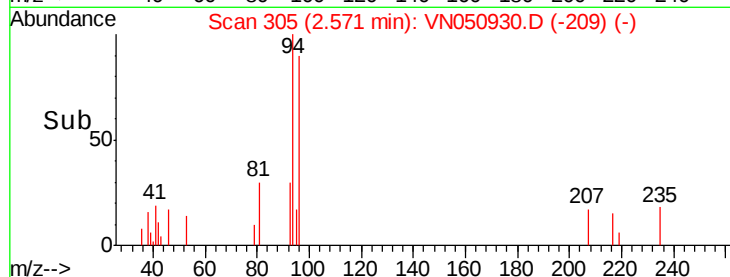
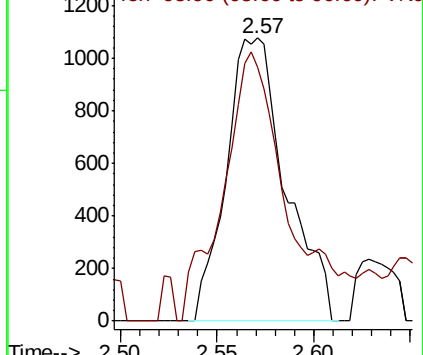
94 100

96 73.8 76.2 114.2#



Abundance Ion 93.90 (93.60 to 94.60): VN050930.D (-209) (-)

Ion 95.90 (95.60 to 96.60): VN050930.D (-209) (-)



#10

Methyl Iodide

Concen: 6.44 ug/l

RT: 3.95 min Scan# 735

Delta R.T. 0.00 min

Lab File: VN050930.D

Acq: 28 Aug 2018 22:21

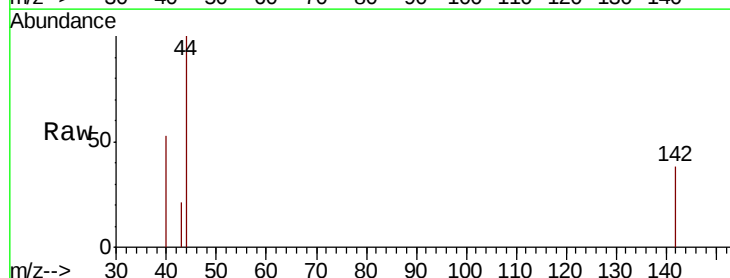
Tgt Ion: 142 Resp: 739

Ion Ratio Lower Upper

142 100

127 8.1 31.7 47.5#

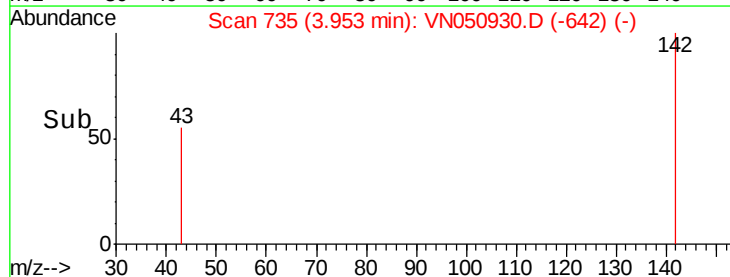
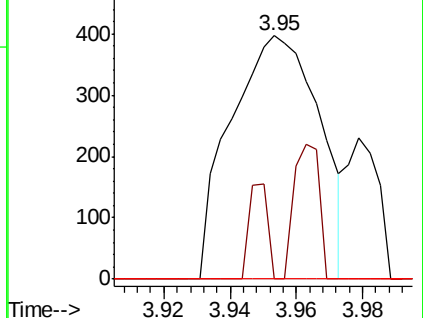
141 0.0 11.4 17.0#

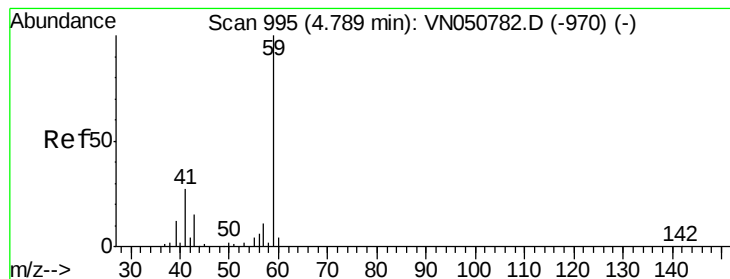


Abundance Ion 141.80 (141.50 to 142.50): VN050930.D (-642) (-)

Ion 126.80 (126.50 to 127.50): VN050930.D (-642) (-)

Ion 140.80 (140.50 to 141.50): VN050930.D (-642) (-)



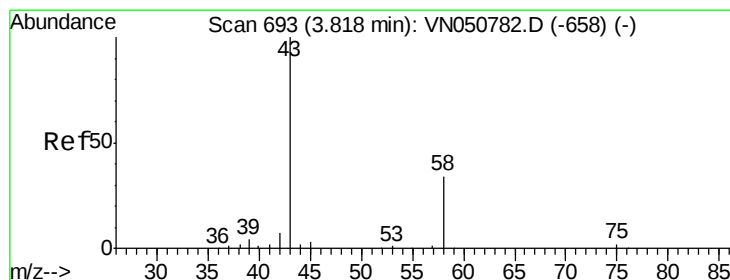
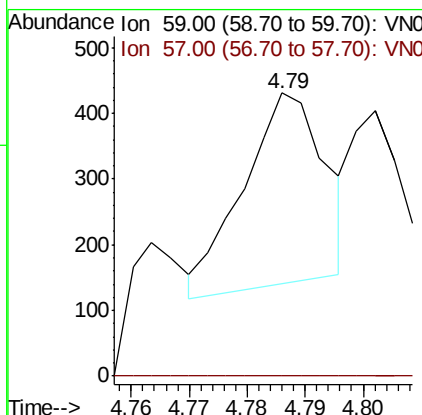
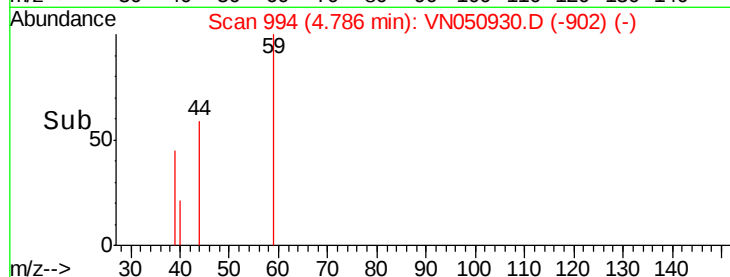
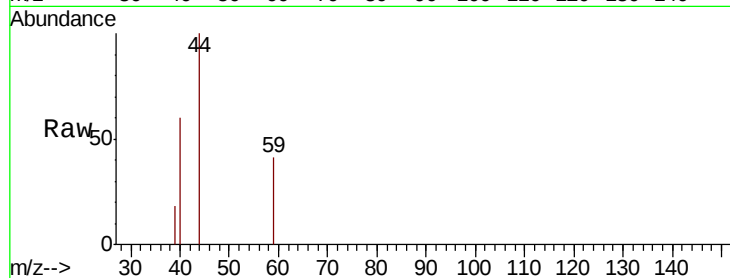


#11

Tert butyl alcohol
 Concen: 0.62 ug/l
 RT: 4.79 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VN050930.D
 Acq: 28 Aug 2018 22:21

Instrument :
 MSVOA_N
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 OR-01-082718-A

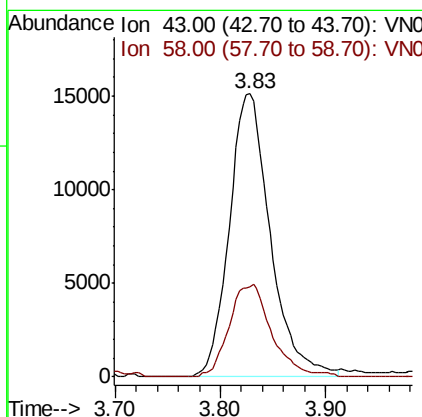
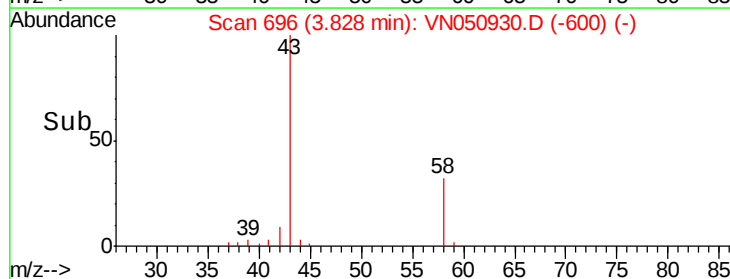
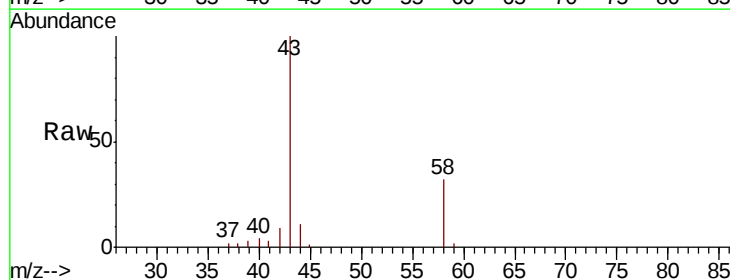
Tot Ion: 59 Resp: 284
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

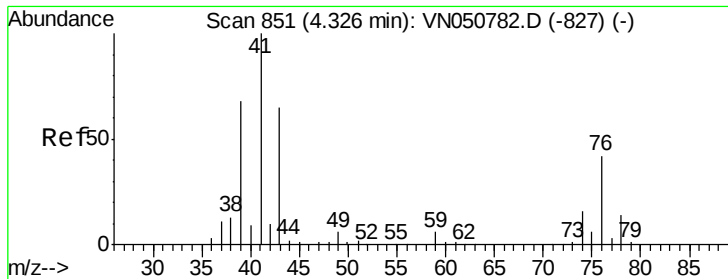


#16

Acetone
 Concen: 17.55 ug/l
 RT: 3.83 min Scan# 696
 Delta R.T. 0.01 min
 Lab File: VN050930.D
 Acq: 28 Aug 2018 22:21

Tgt Ion: 43 Resp: 40932
 Ion Ratio Lower Upper
 43 100
 58 31.7 27.2 40.8

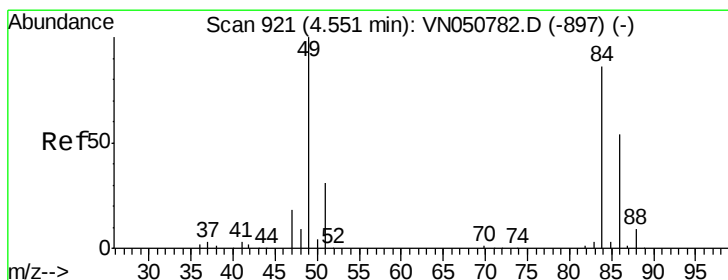
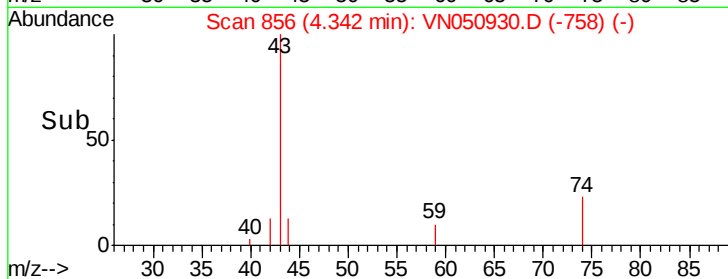
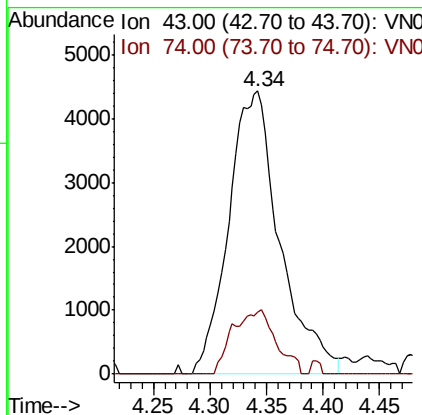
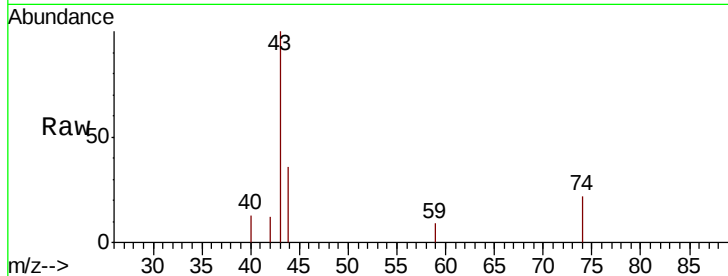




#18
Methvl Acetate
Concen: 2.06 ug/l
RT: 4.34 min Scan# 856
Delta R.T. 0.02 min
Lab File: VN050930.D
Acq: 28 Aug 2018 22:21

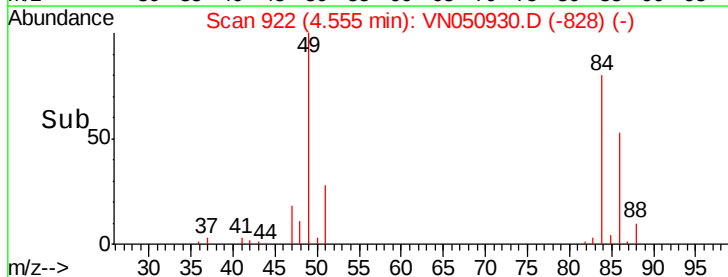
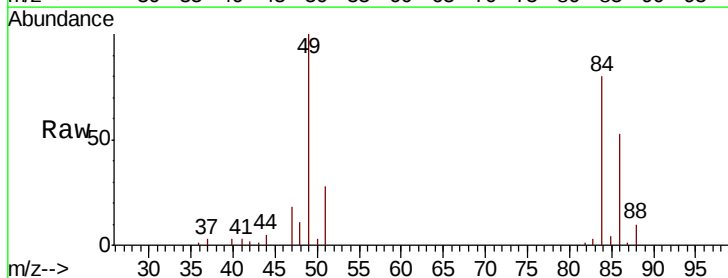
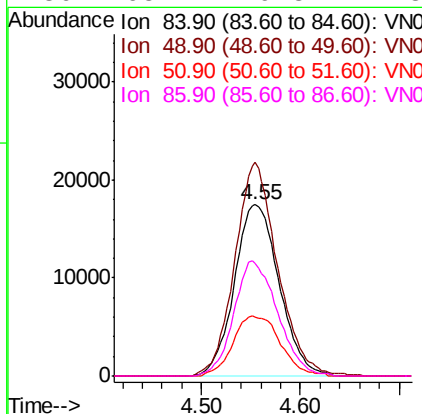
Instrument :
MSVOA_N
ClientSampleId :
OR-01-082718-A

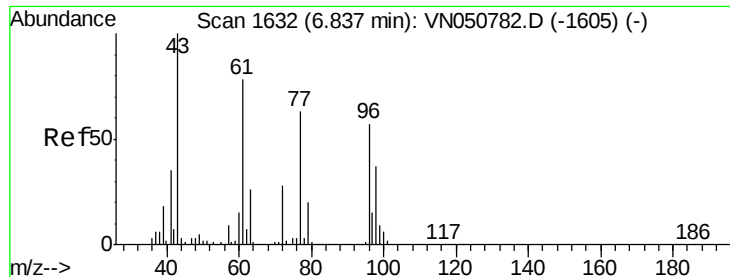
Tot Ion: 43 Resp: 13911
Ion Ratio Lower Upper
43 100
74 19.3 19.8 29.8#



#20
Methylene Chloride
Concen: 6.82 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050930.D
Acq: 28 Aug 2018 22:21

Tgt Ion: 84 Resp: 55111
Ion Ratio Lower Upper
84 100
49 124.6 93.2 139.8
51 34.4 29.0 43.6
86 65.4 49.8 74.8





#25

2-Butanone

Concen: 1.05 ug/l

RT: 6.86 min Scan# 1638

Delta R.T. 0.02 min

Lab File: VN050930.D

Acq: 28 Aug 2018 22:21

Instrument :

MSVOA_N

ClientSampleId :

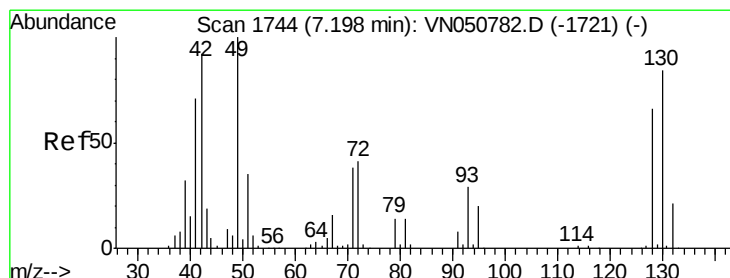
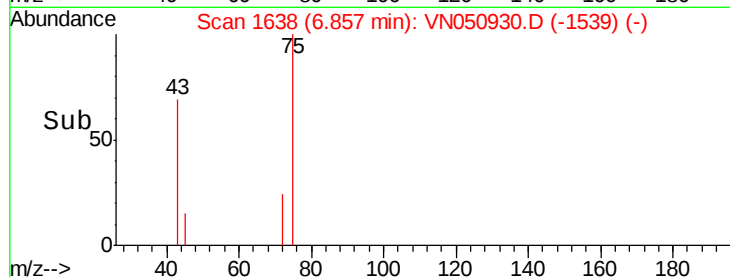
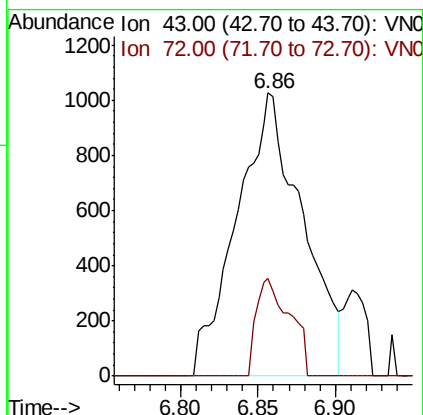
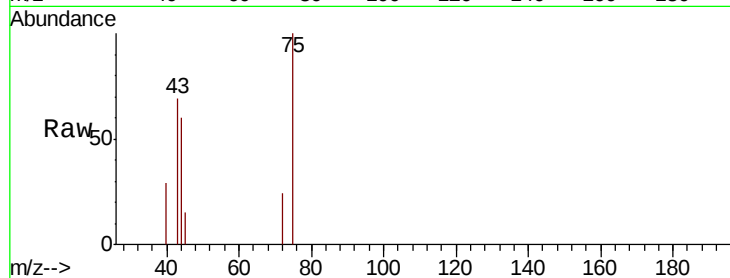
OR-01-082718-A

Tot Ion: 43 Resp: 3028

Ion Ratio Lower Upper

43 100

72 34.4 22.3 33.5#



#28

Bromochloromethane

Concen: 0.27 ug/l

RT: 7.37 min Scan# 1797

Delta R.T. 0.17 min

Lab File: VN050930.D

Acq: 28 Aug 2018 22:21

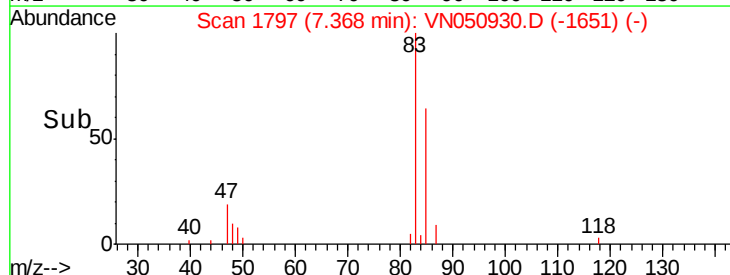
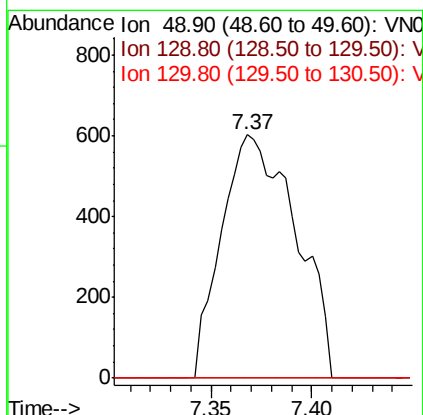
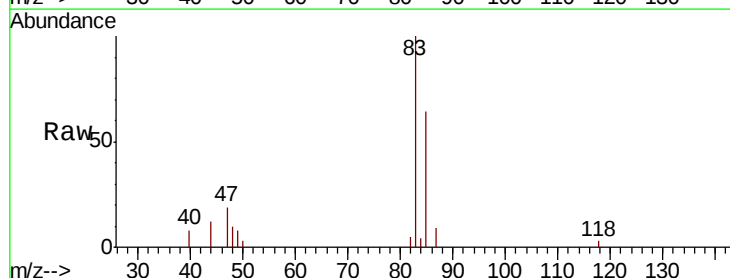
Tgt Ion: 49 Resp: 1540

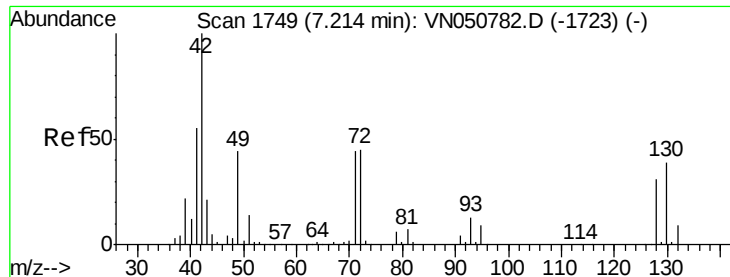
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

130 0.0 67.1 100.7#





#29

Tetrahydrofuran

Concen: 0.26 ug/l

RT: 7.21 min Scan# 1749

Delta R.T. -0.00 min

Lab File: VN050930.D

Acq: 28 Aug 2018 22:21

Instrument :

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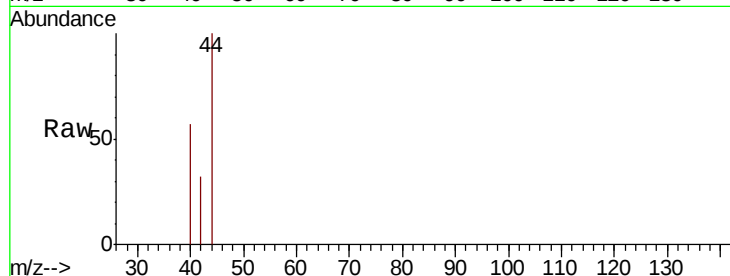
Tot Ion: 42 Resp: 426

Ion Ratio Lower Upper

42 100

72 16.0 35.5 53.3#

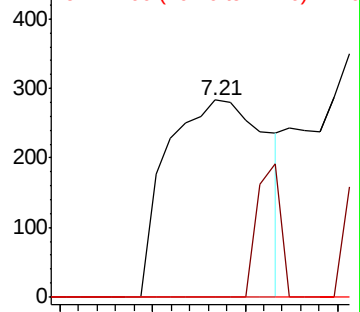
71 0.0 33.7 50.5#



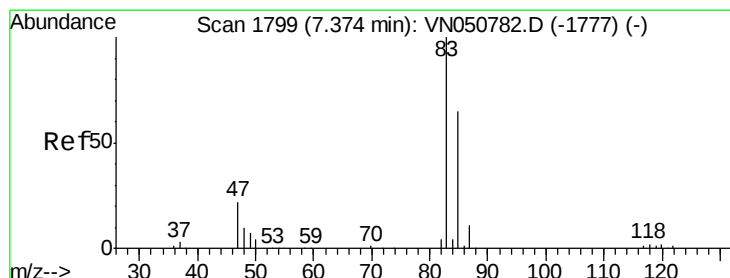
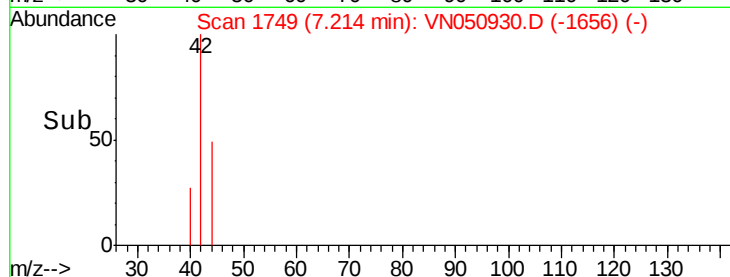
Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



Time--> 7.18 7.20 7.22



#30

Chloroform

Concen: 1.65 ug/l

RT: 7.38 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN050930.D

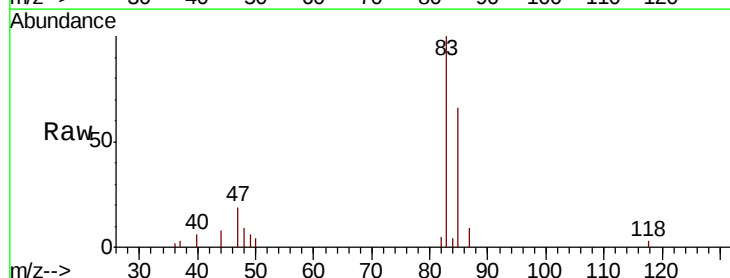
Acq: 28 Aug 2018 22:21

Tgt Ion: 83 Resp: 21768

Ion Ratio Lower Upper

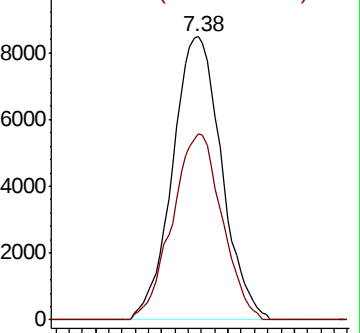
83 100

85 65.5 52.2 78.4

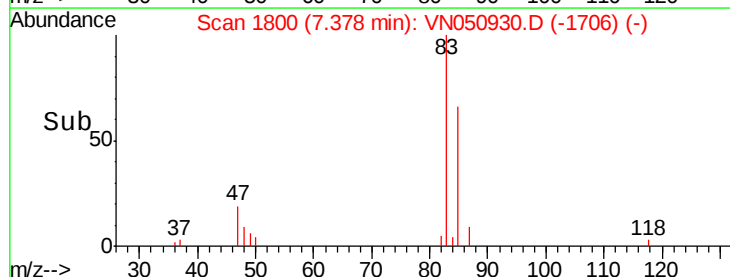


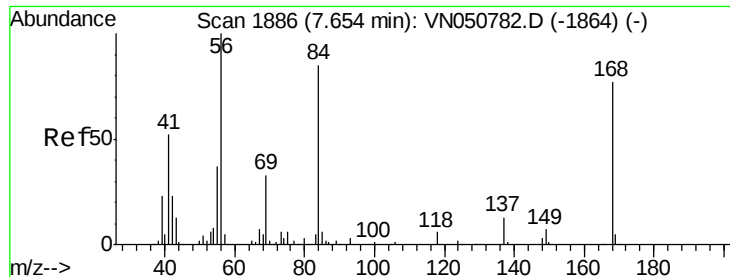
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0



Time--> 7.30 7.35 7.40 7.45

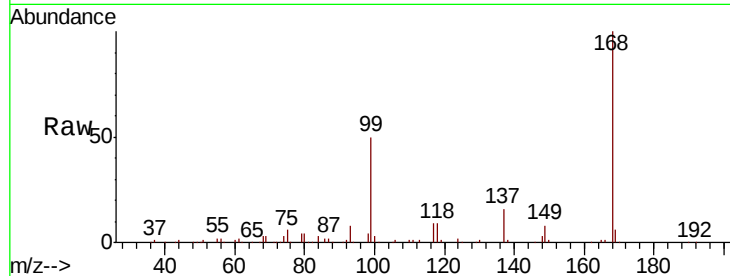




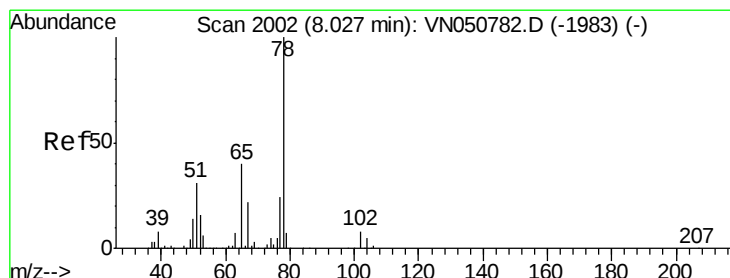
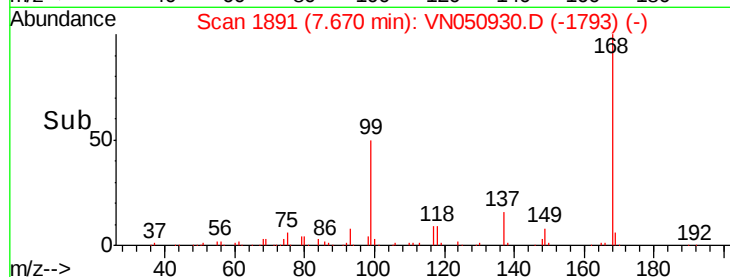
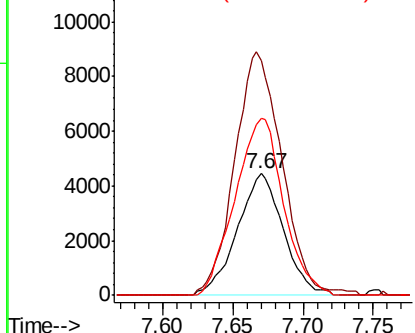
#31
Cyclohexane
Concen: 1.29 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.02 min
Lab File: VN050930.D
Acq: 28 Aug 2018 22:21

Instrument :
MSVOA_N
ClientSampleId :
OR-01-082718-A

Tot Ion: 56 Resp: 10168
Ion Ratio Lower Upper
56 100
69 192.6 26.2 39.4#
84 145.1 68.3 102.5#

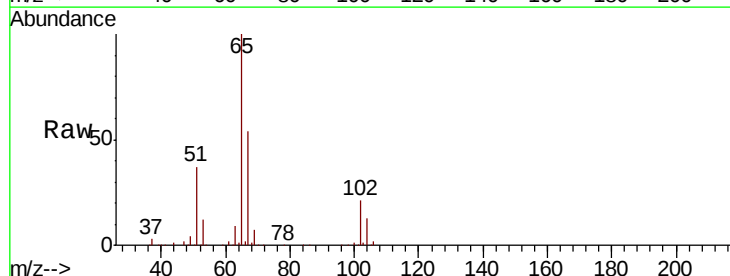


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

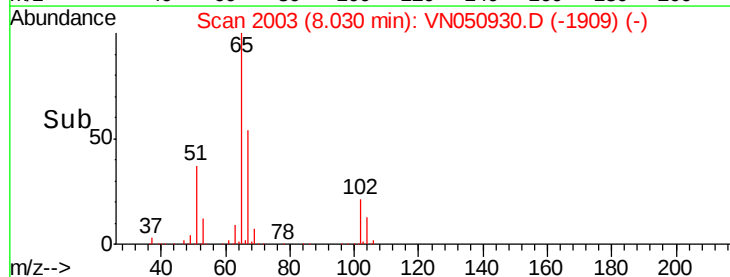
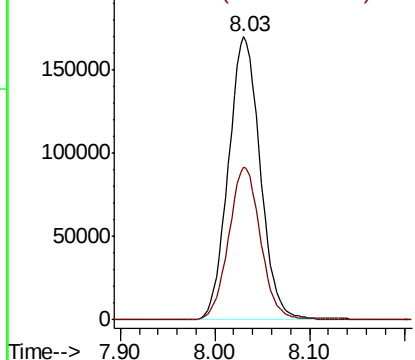


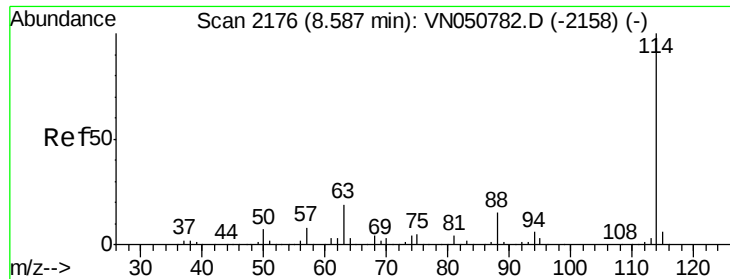
#33
1,2-Dichloroethane-d4
Concen: 55.46 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050930.D
Acq: 28 Aug 2018 22:21

Tgt Ion: 65 Resp: 397394
Ion Ratio Lower Upper
65 100
67 54.0 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

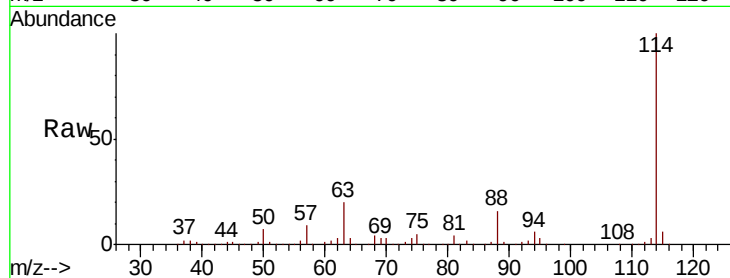




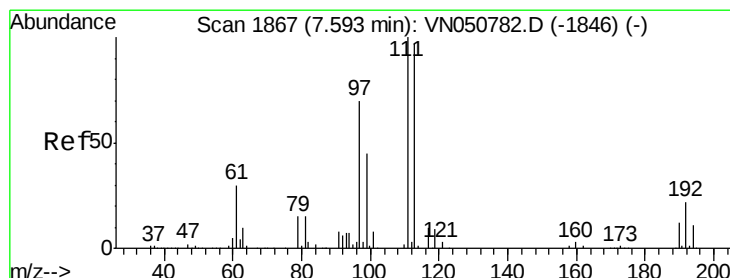
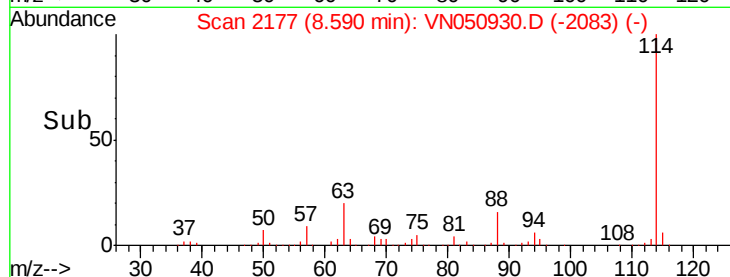
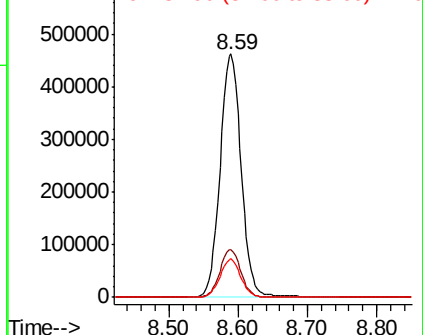
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050930.D
 Acq: 28 Aug 2018 22:21

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-01-082718-A

Tot Ion:114 Resp: 979071
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.6
 88 15.7 0.0 30.6

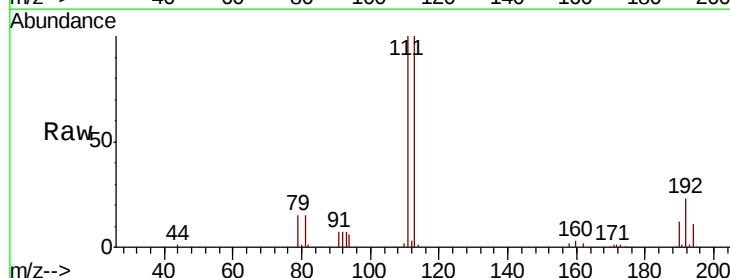


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

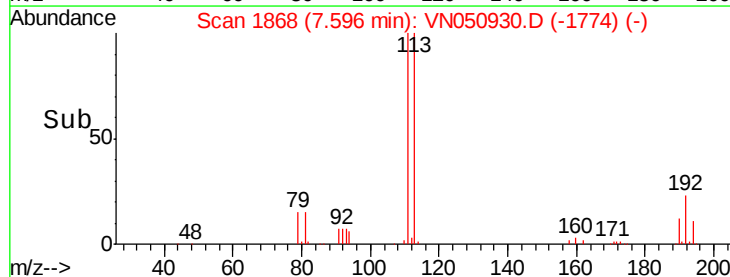
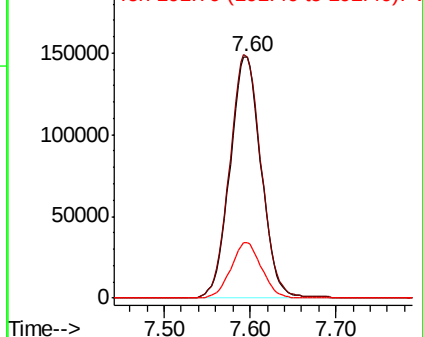


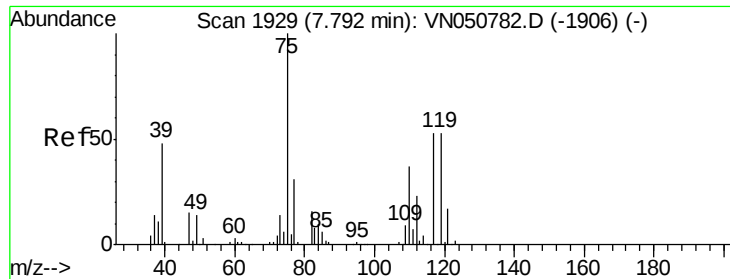
#35
 Dibromofluoromethane
 Concen: 47.70 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050930.D
 Acq: 28 Aug 2018 22:21

Tgt Ion:113 Resp: 371522
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.6 123.8
 192 22.6 18.0 27.0



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

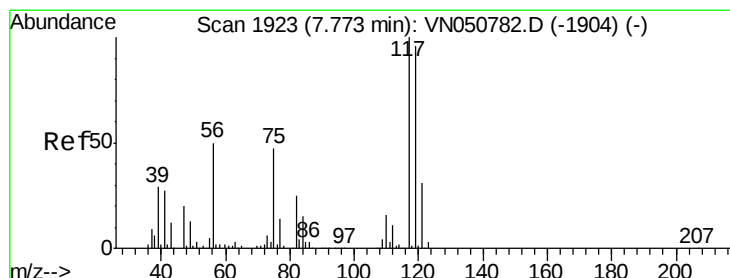
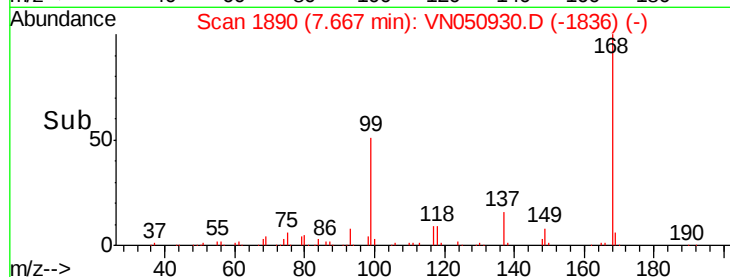
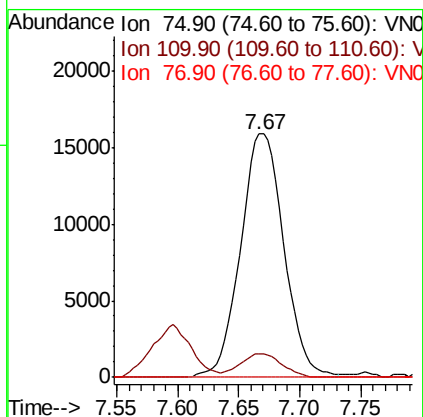
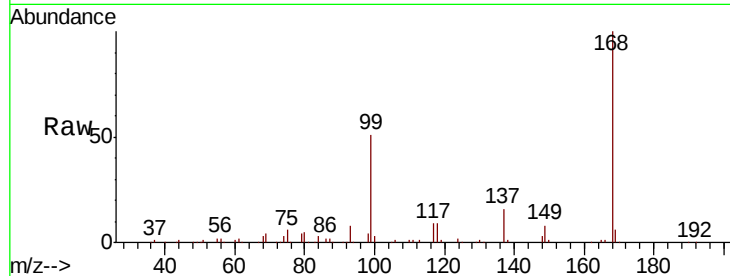




#36
 1,1-Dichloropropene
 Concen: 3.38 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050930.D
 Acq: 28 Aug 2018 22:21

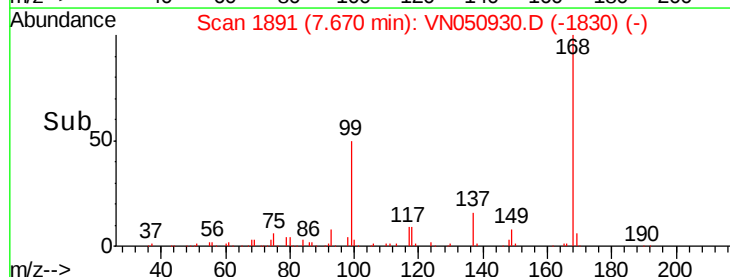
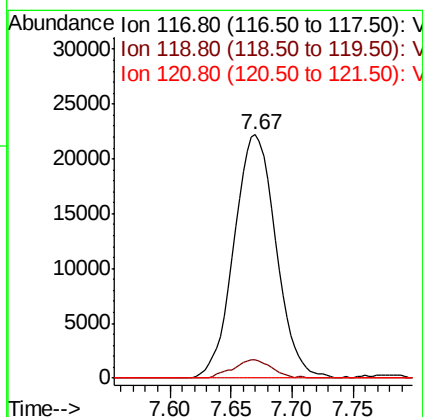
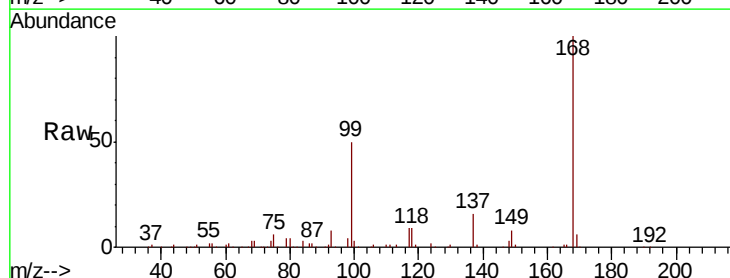
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-01-082718-A

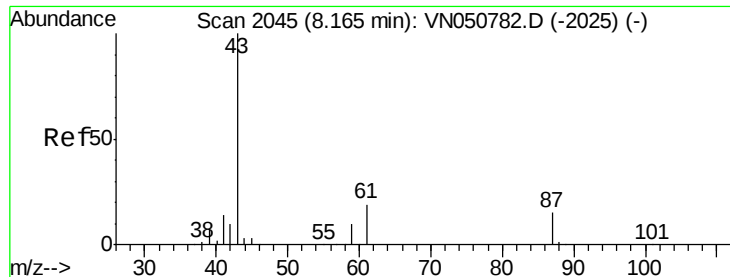
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.1	54.4#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 4.54 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.10 min
 Lab File: VN050930.D
 Acq: 28 Aug 2018 22:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	7.5	76.3	114.5#
121	0.0	24.6	36.8#





#43

Isopropyl Acetate

Concen: 22.66 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050930.D

Acq: 28 Aug 2018 22:21

Instrument :

MSVOA_N

ClientSampleId :

OR-01-082718-A

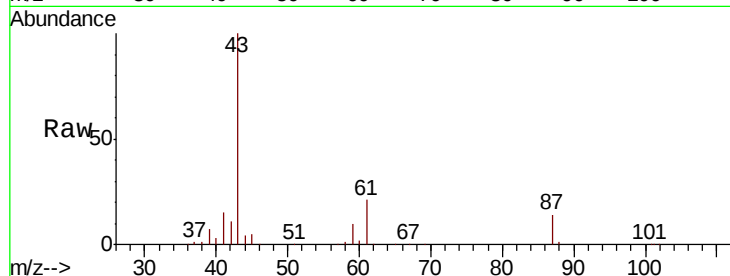
Tot Ion: 43 Resp: 258525

Ion Ratio Lower Upper

43 100

61 19.2 17.5 26.3

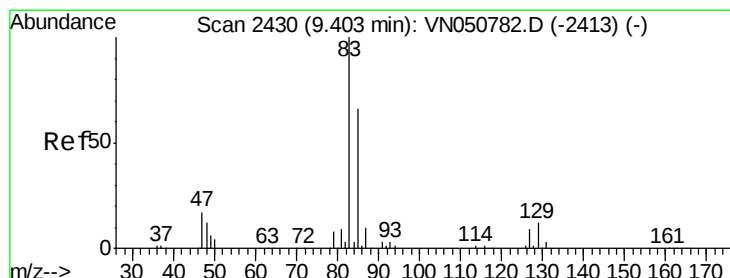
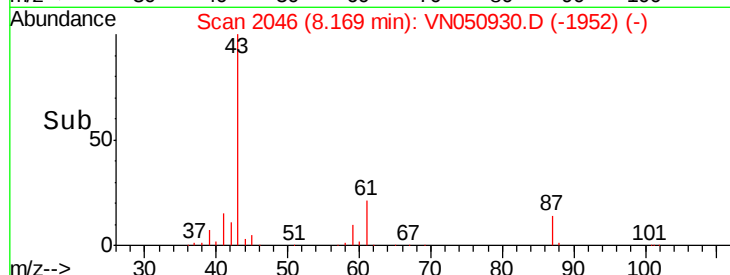
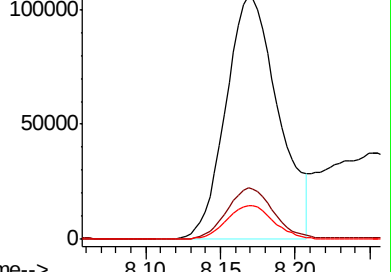
87 12.5 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VN050930.D (-1952) (-)

Ion 61.00 (60.70 to 61.70): VN050930.D (-1952) (-)

Ion 87.00 (86.70 to 87.70): VN050930.D (-1952) (-)



#47

Bromodichloromethane

Concen: 0.36 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN050930.D

Acq: 28 Aug 2018 22:21

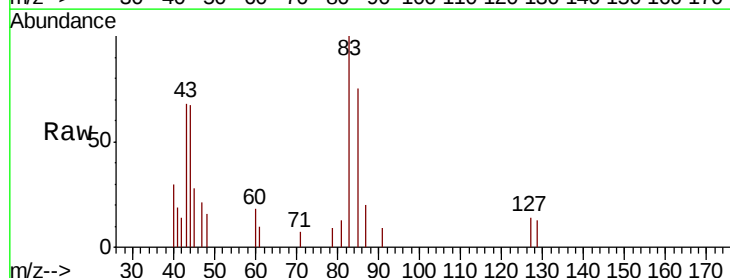
Tgt Ion: 83 Resp: 4046

Ion Ratio Lower Upper

83 100

85 75.4 52.6 78.8

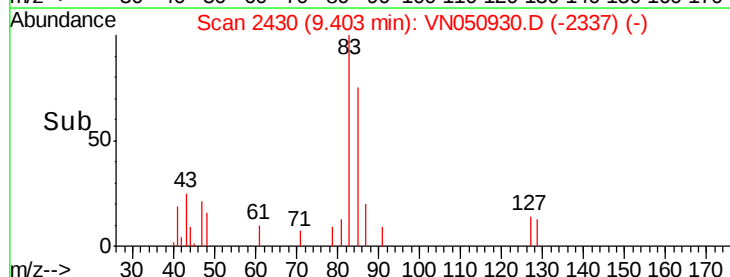
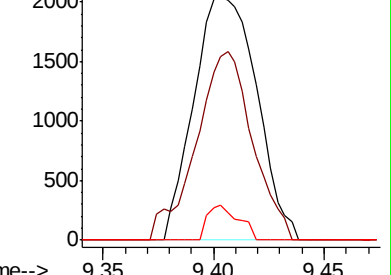
127 14.1 7.2 10.8#

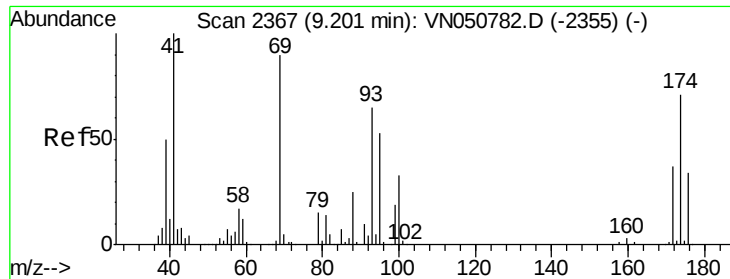


Abundance Ion 82.90 (82.60 to 83.60): VN050930.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN050930.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN050930.D (-2337) (-)

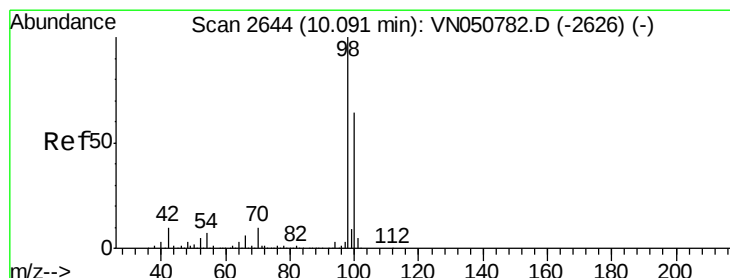
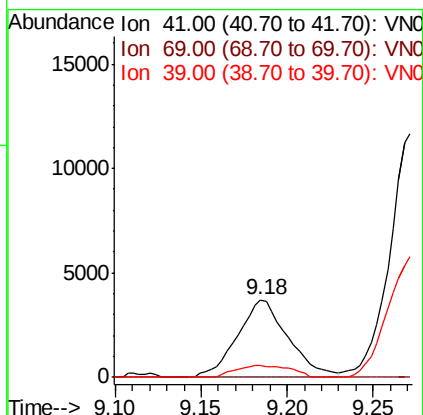
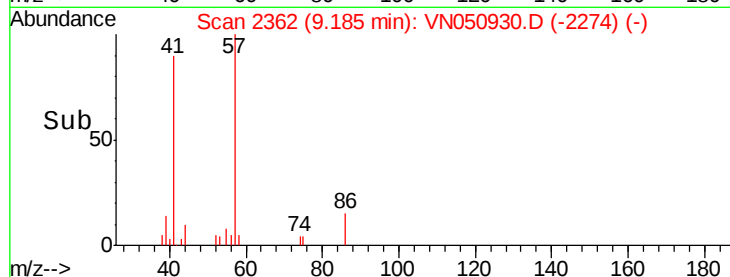
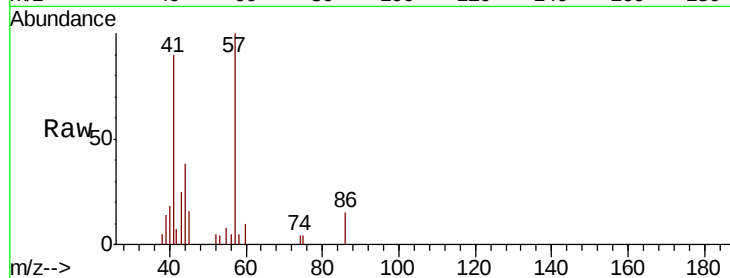




#48
Methvl methacrylate
Concen: 1.30 ug/l
RT: 9.18 min Scan# 2362
Delta R.T. -0.02 min
Lab File: VN050930.D
Acq: 28 Aug 2018 22:21

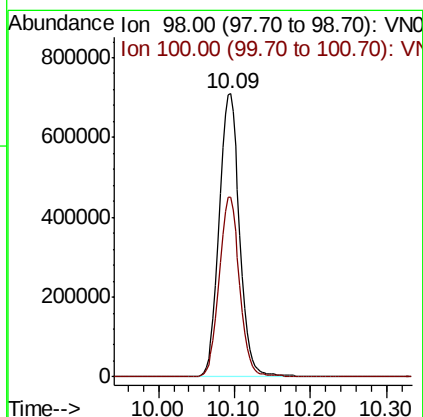
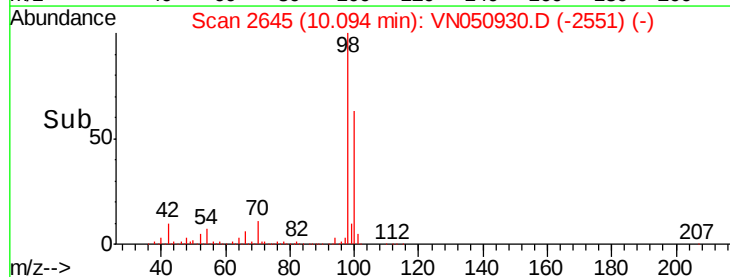
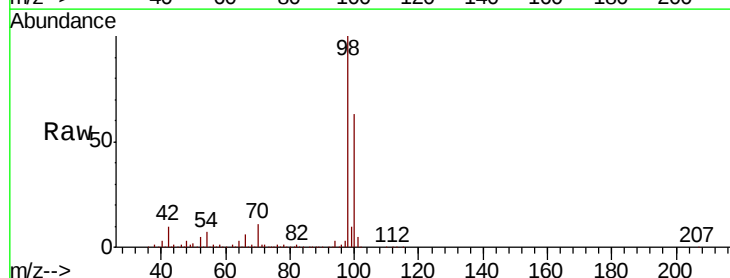
Instrument :
MSVOA_N
ClientSampleId :
OR-01-082718-A

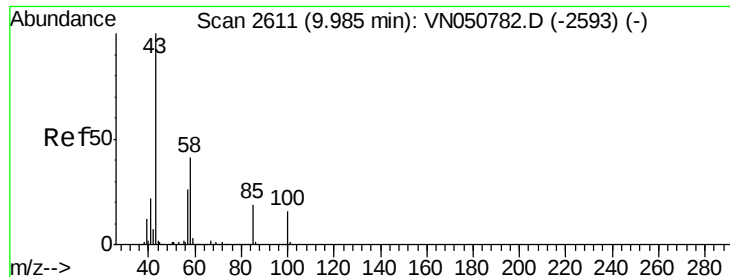
Tot Ion: 41 Resp: 7562
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 16.6 42.2 63.2#



#50
Toluene-d8
Concen: 45.62 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050930.D
Acq: 28 Aug 2018 22:21

Tgt Ion: 98 Resp: 1328539
Ion Ratio Lower Upper
98 100
100 63.3 51.5 77.3

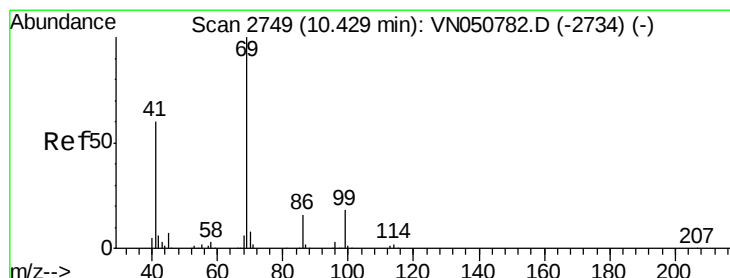
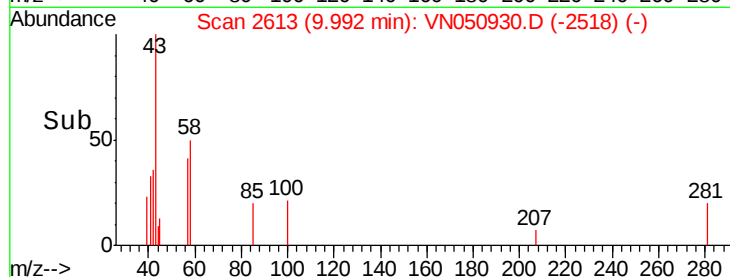
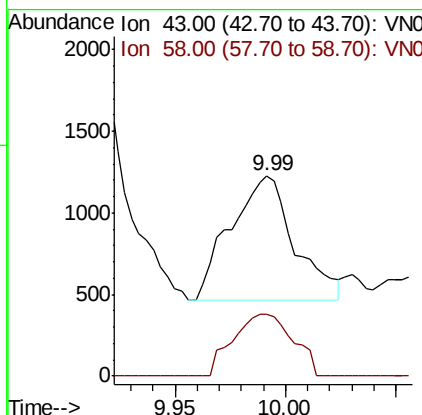
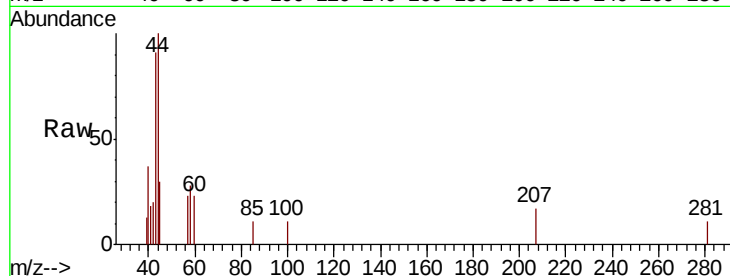




#51
 4-Methyl-2-Pentanone
 Concen: 0.23 ug/l
 RT: 9.99 min Scan# 2613
 Delta R.T. 0.01 min
 Lab File: VN050930.D
 Acq: 28 Aug 2018 22:21

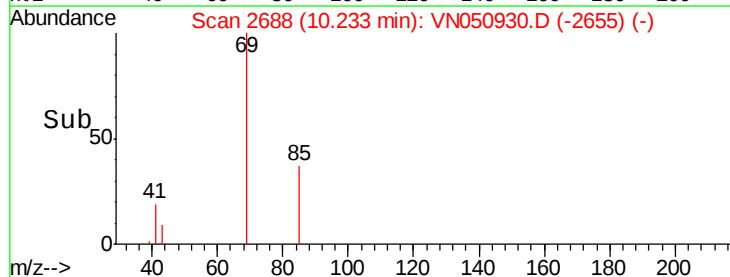
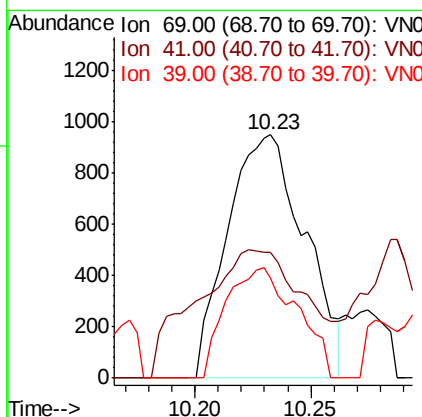
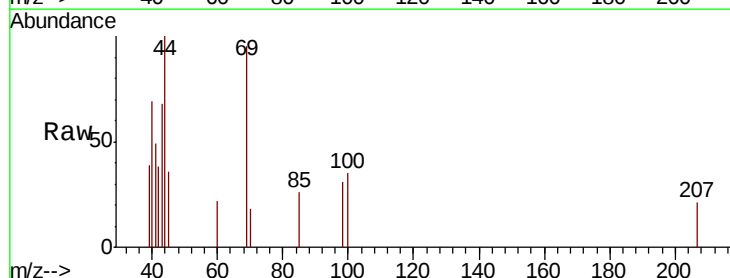
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-01-082718-A

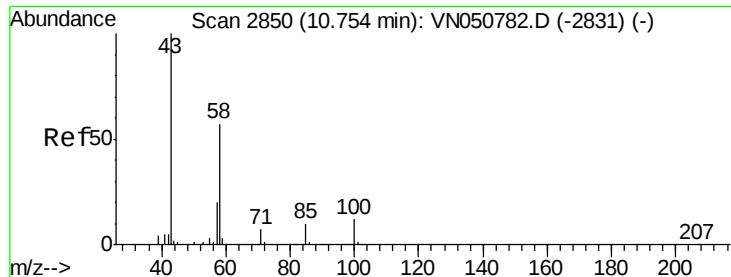
Tot Ion: 43 Resp: 1545
 Ion Ratio Lower Upper
 43 100
 58 46.5 32.4 48.6



#56
 Ethyl methacrylate
 Concen: 2.56 ug/l
 RT: 10.23 min Scan# 2688
 Delta R.T. -0.20 min
 Lab File: VN050930.D
 Acq: 28 Aug 2018 22:21

Tgt Ion: 69 Resp: 2198
 Ion Ratio Lower Upper
 69 100
 41 75.3 48.3 72.5#
 39 41.9 24.0 36.0#





#59

2-Hexanone

Concen: 3.48 ug/l

RT: 10.77 min Scan# 2855

Delta R.T. 0.02 min

Lab File: VN050930.D

Acq: 28 Aug 2018 22:21

Instrument :

MSVOA_N

ClientSampleId :

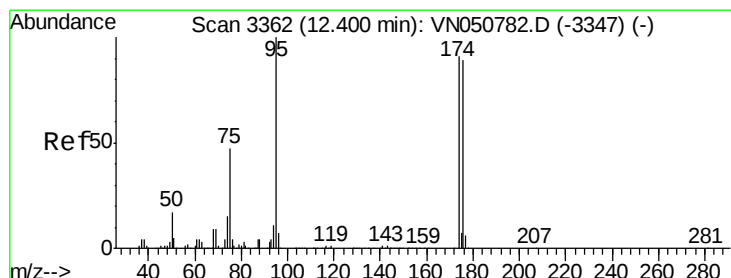
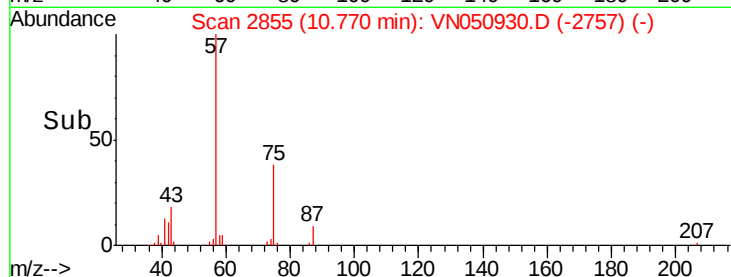
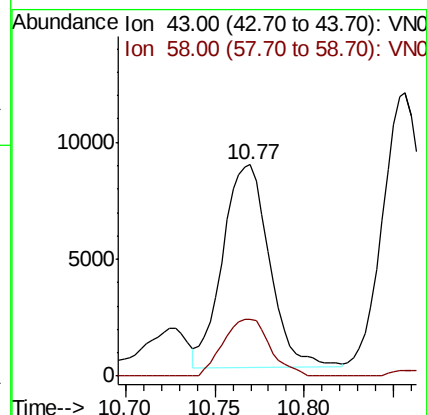
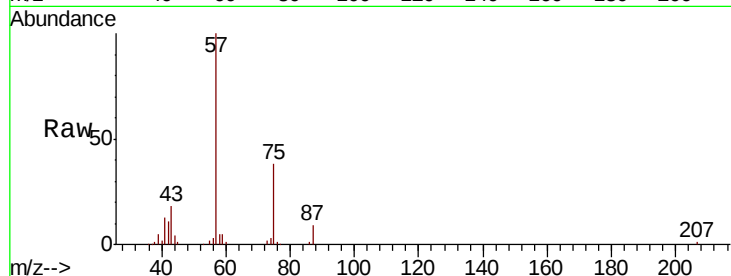
OR-01-082718-A

Tot Ion: 43 Resp: 15761

Ion Ratio Lower Upper

43 100

58 28.3 28.3 85.0#



#62

4-Bromofluorobenzene

Concen: 37.22 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050930.D

Acq: 28 Aug 2018 22:21

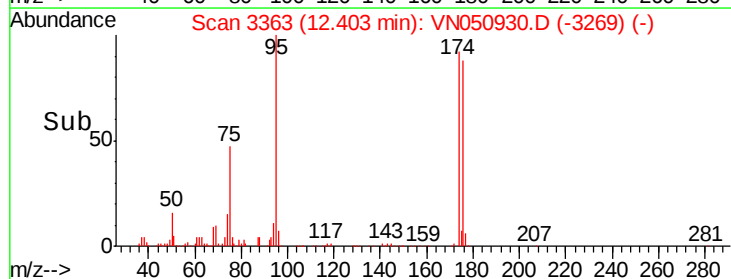
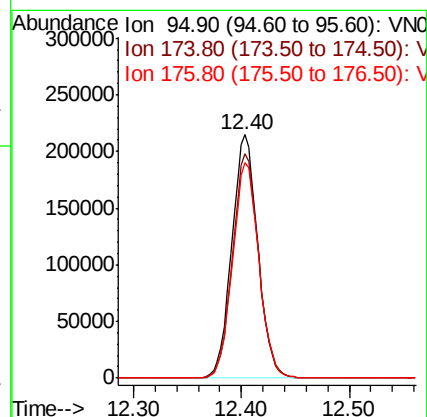
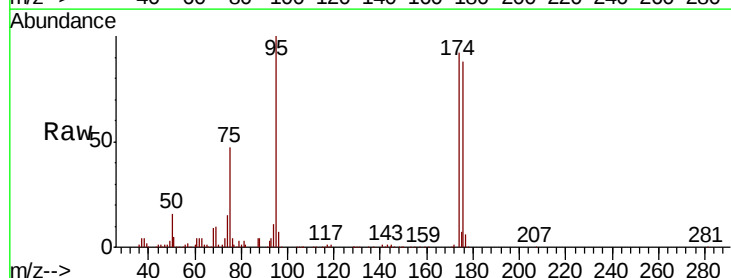
Tgt Ion: 95 Resp: 360192

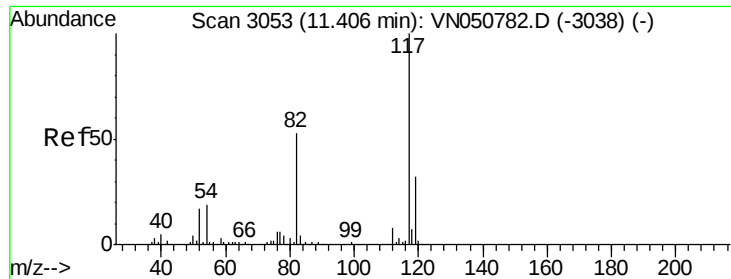
Ion Ratio Lower Upper

95 100

174 92.5 0.0 183.0

176 89.4 0.0 178.8

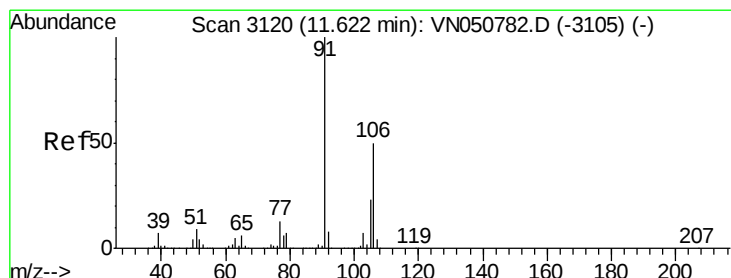
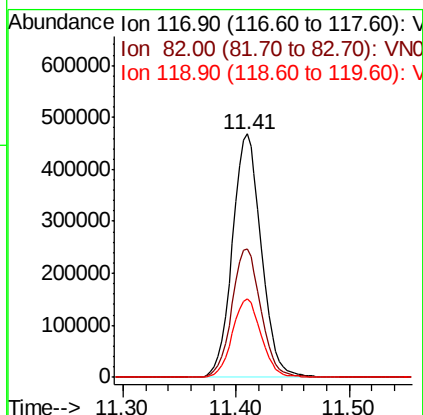
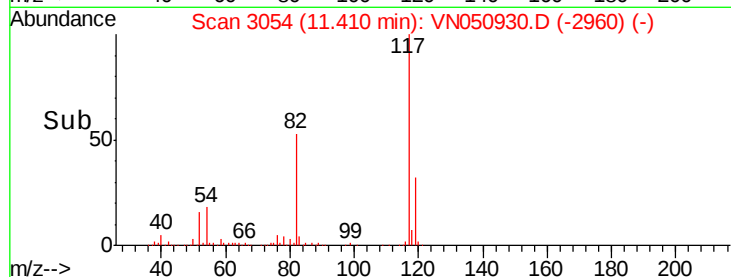
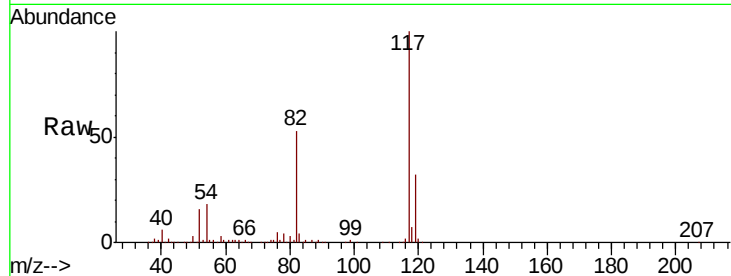




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050930.D
Acq: 28 Aug 2018 22:21

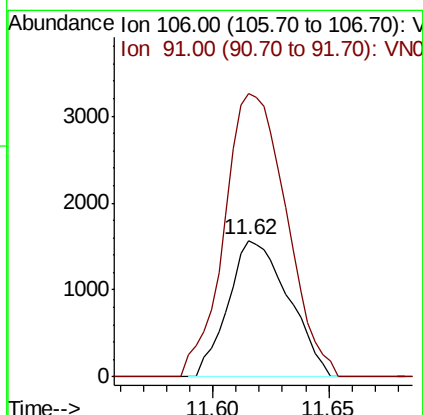
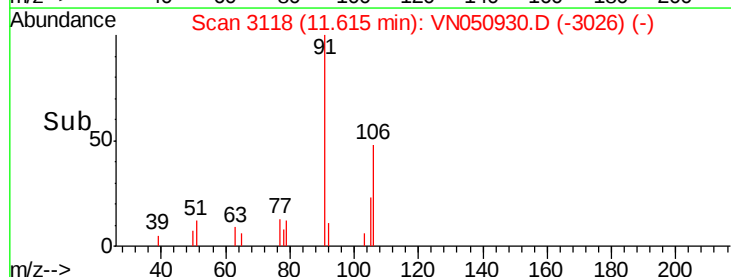
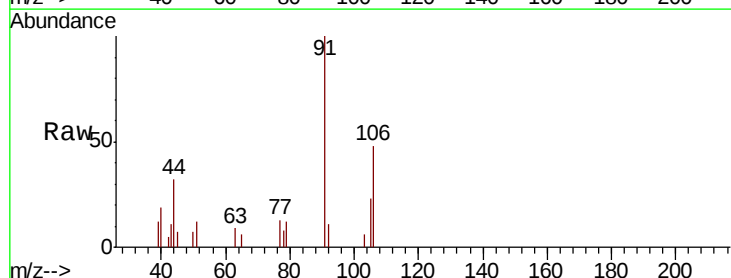
Instrument :
MSVOA_N
ClientSampleId :
OR-01-082718-A

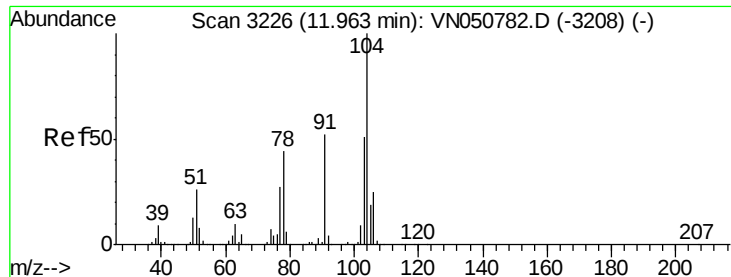
Tot Ion:117 Resp: 831493
Ion Ratio Lower Upper
117 100
82 52.6 42.6 64.0
119 32.4 25.8 38.6



#68
m/p-Xylenes
Concen: 0.21 ug/l
RT: 11.62 min Scan# 3118
Delta R.T. -0.01 min
Lab File: VN050930.D
Acq: 28 Aug 2018 22:21

Tgt Ion:106 Resp: 2831
Ion Ratio Lower Upper
106 100
91 213.5 161.0 241.6





#70

Stvrene

Concen: 1.28 ug/l

RT: 11.95 min Scan# 3223

Delta R.T. -0.01 min

Lab File: VN050930.D

Acq: 28 Aug 2018 22:21

Instrument :

MSVOA_N

ClientSampleId :

OR-01-082718-A

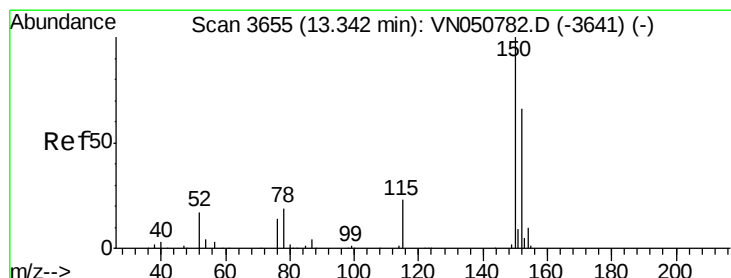
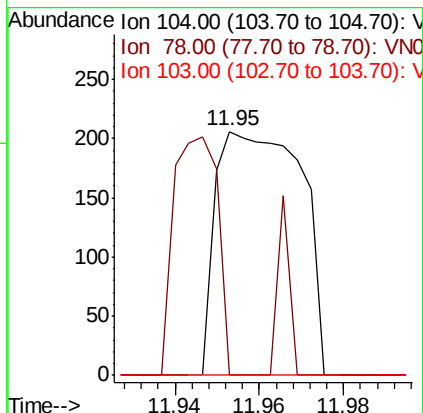
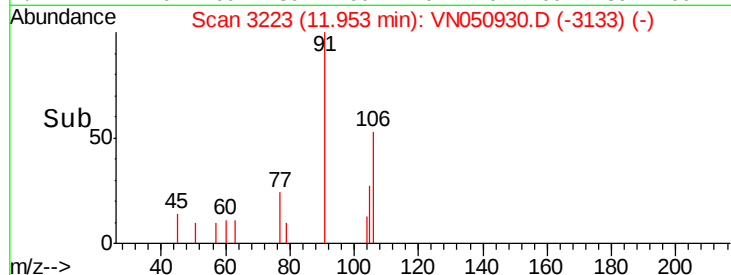
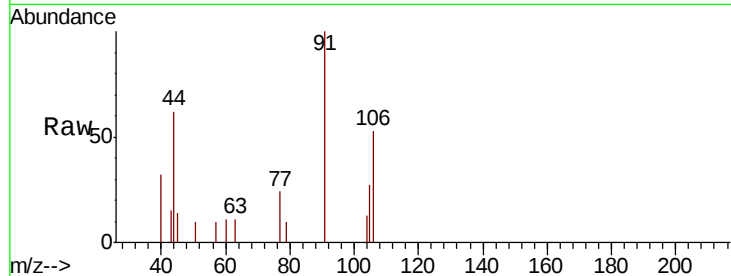
Tot Ion:104 Resp: 291

Ion Ratio Lower Upper

104 100

78 49.8 38.2 57.4

103 0.0 44.4 66.6#



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050930.D

Acq: 28 Aug 2018 22:21

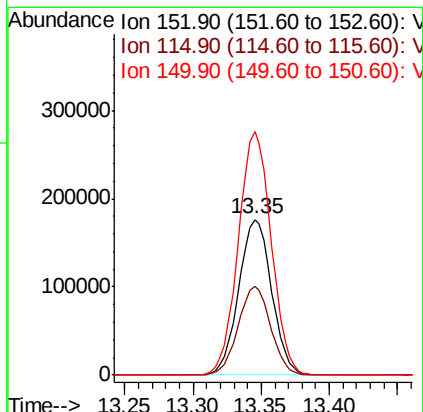
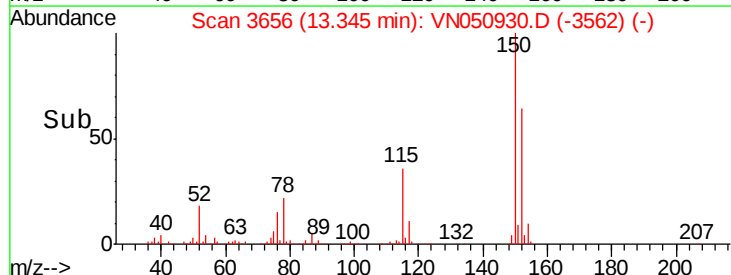
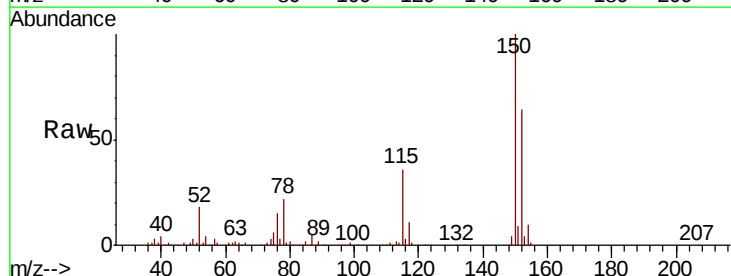
Tgt Ion:152 Resp: 296158

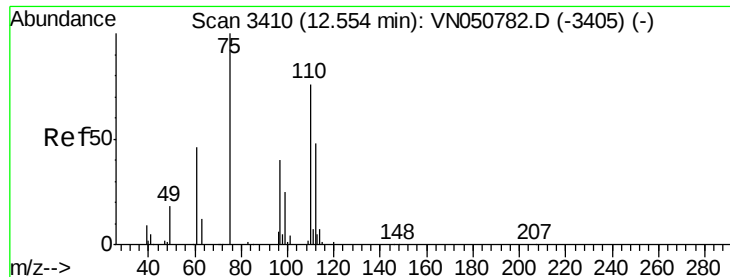
Ion Ratio Lower Upper

152 100

115 56.3 27.8 83.4

150 156.1 0.0 351.4





#76

1,2,3-Trichloropropane

Concen: 32.82 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050930.D

Acq: 28 Aug 2018 22:21

Instrument :

MSVOA_N

ClientSampleId :

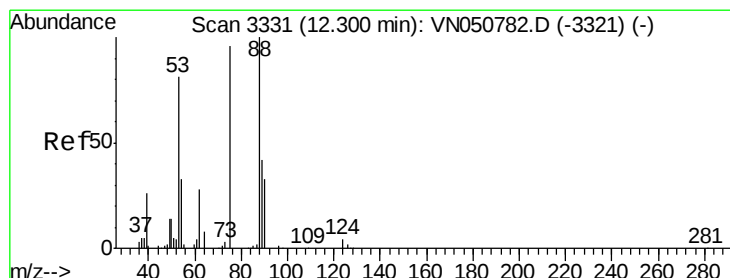
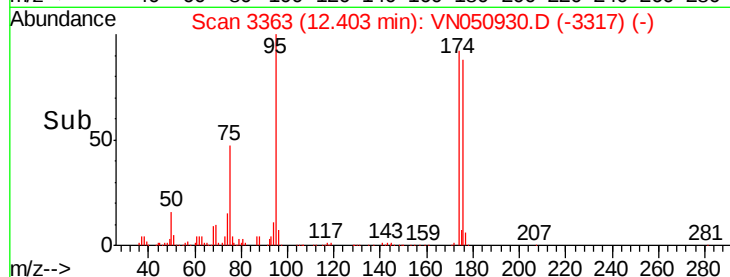
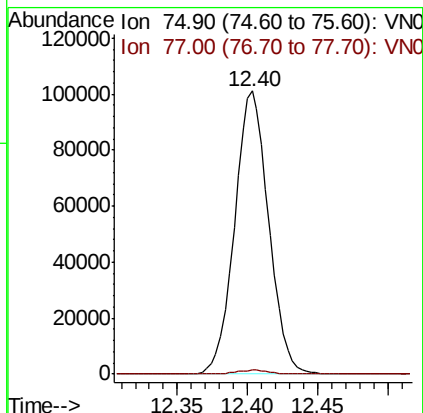
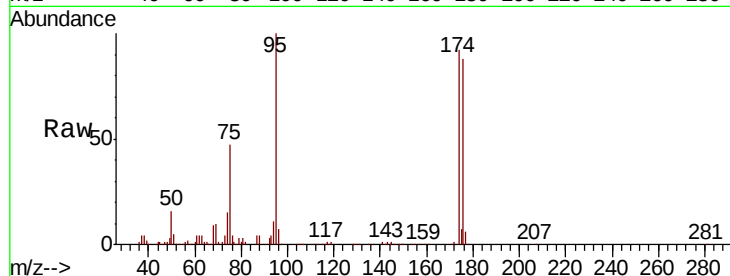
OR-01-082718-A

Tot Ion: 75 Resp: 170231

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 110.94 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050930.D

Acq: 28 Aug 2018 22:21

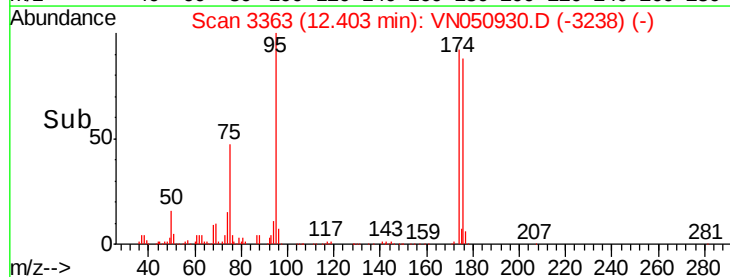
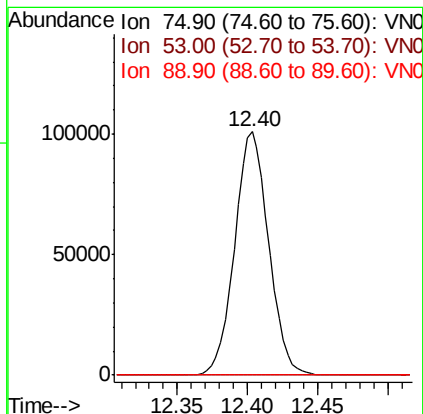
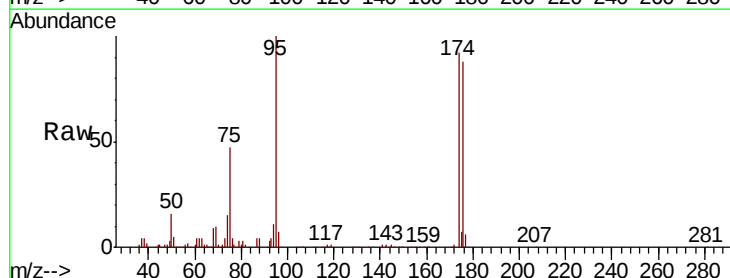
Tgt Ion: 75 Resp: 170231

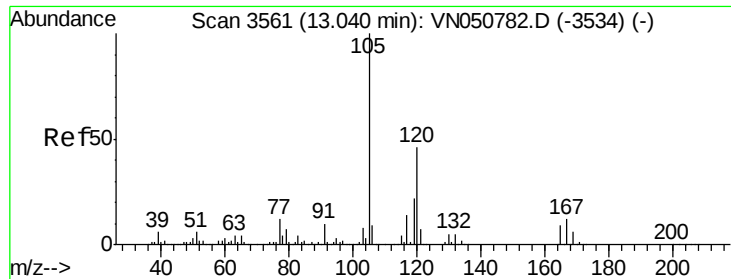
Ion Ratio Lower Upper

75 100

53 0.1 68.9 103.3#

89 0.0 36.1 54.1#





#84

1,2,4-Trimethylbenzene

Concen: 0.26 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. 0.00 min

Lab File: VN050930.D

Acq: 28 Aug 2018 22:21

Instrument :

MSVOA_N

ClientSampleId :

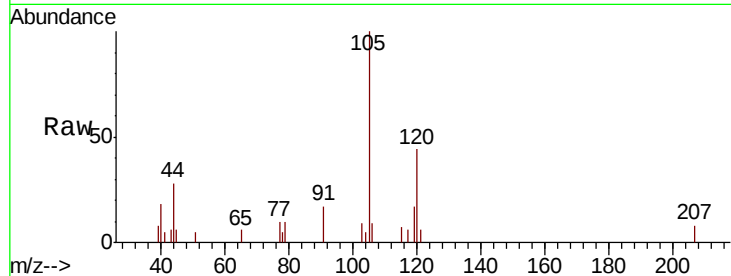
OR-01-082718-A

Tot Ion:105 Resp: 5198

Ion Ratio Lower Upper

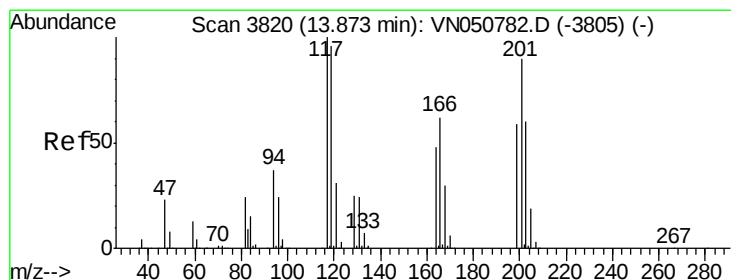
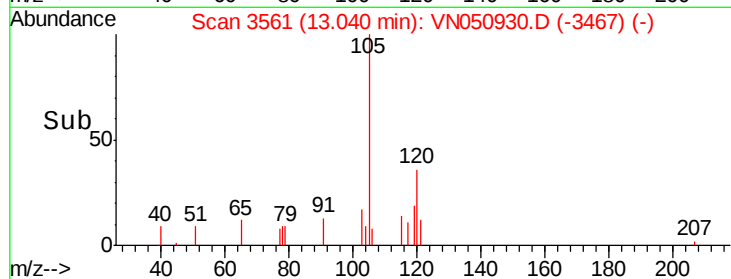
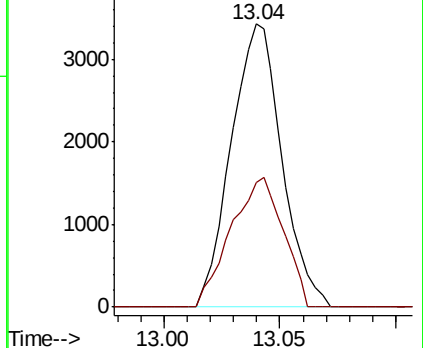
105 100

120 47.4 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#90

Hexachloroethane

Concen: 0.24 ug/l

RT: 13.95 min Scan# 3844

Delta R.T. 0.08 min

Lab File: VN050930.D

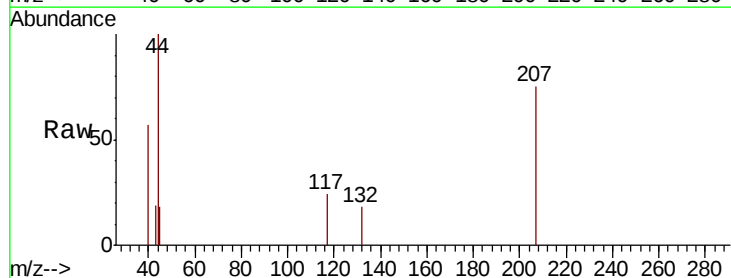
Acq: 28 Aug 2018 22:21

Tgt Ion:117 Resp: 187

Ion Ratio Lower Upper

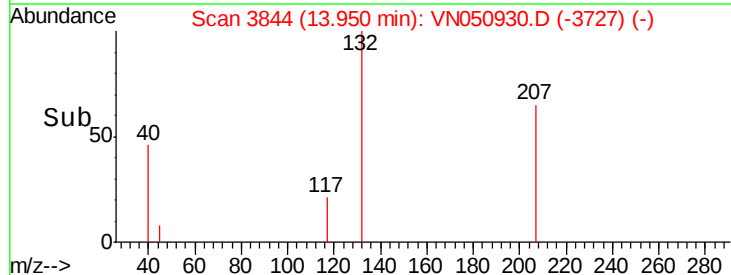
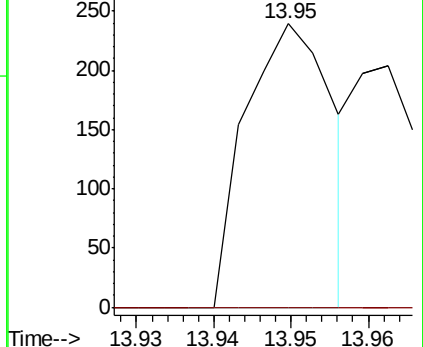
117 100

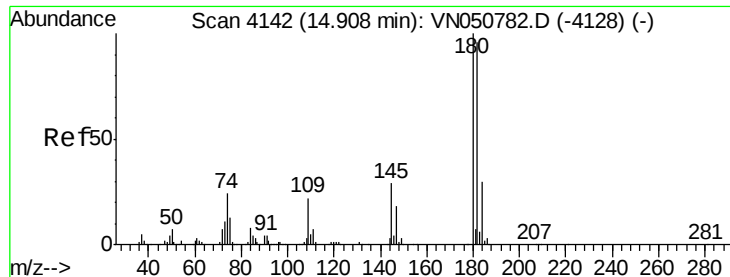
201 0.0 46.0 137.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

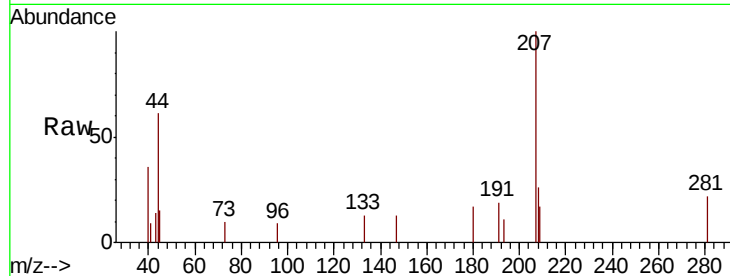




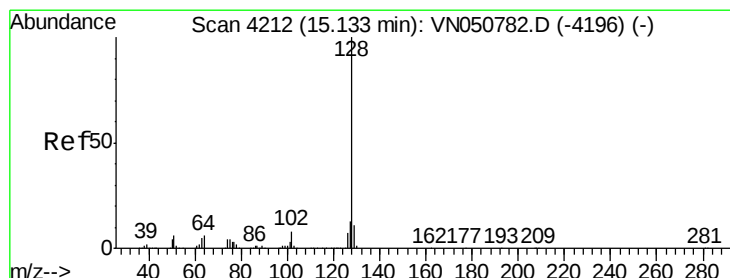
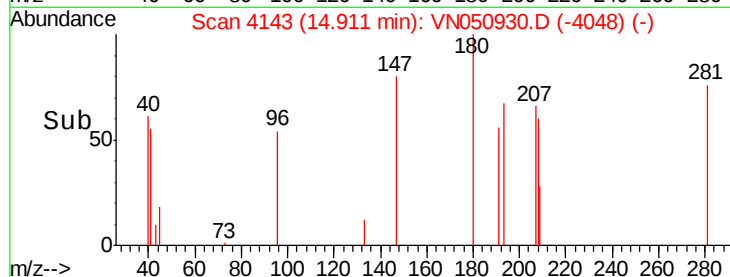
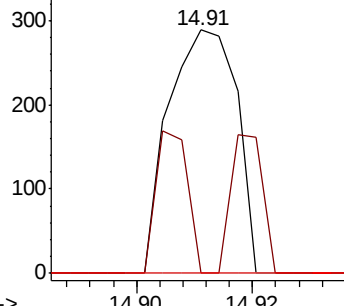
#93
 1,2,4-Trichlorobenzene
 Concen: 4.12 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050930.D
 Acq: 28 Aug 2018 22:21

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-01-082718-A

Tot Ion:180 Resp: 234
 Ion Ratio Lower Upper
 180 100
 182 26.9 48.2 144.6#
 145 0.0 14.1 42.2#

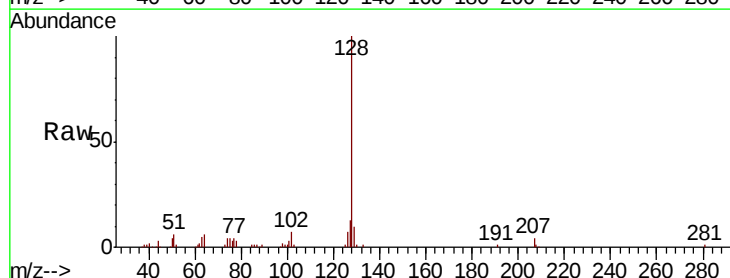


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

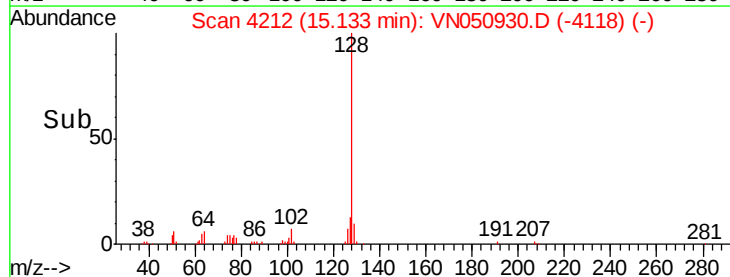
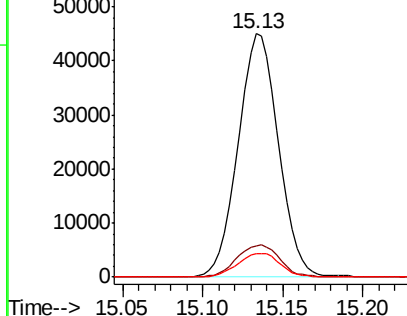


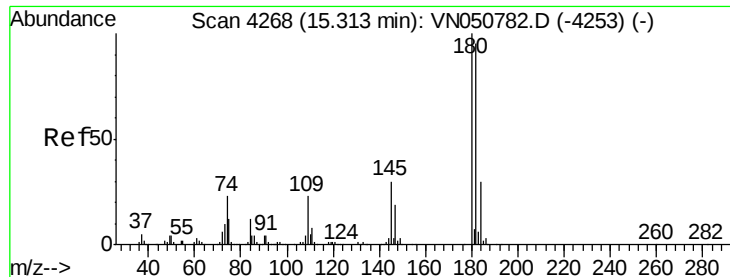
#95
 Naphthalene
 Concen: 11.23 ug/l
 RT: 15.13 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN050930.D
 Acq: 28 Aug 2018 22:21

Tgt Ion:128 Resp: 77286
 Ion Ratio Lower Upper
 128 100
 127 14.0 10.5 15.7
 129 10.3 8.7 13.1



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: 3.31 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. 0.00 min

Lab File: VN050930.D

Acq: 28 Aug 2018 22:21

Instrument :

MSVOA_N

ClientSampleId :

OR-01-082718-A

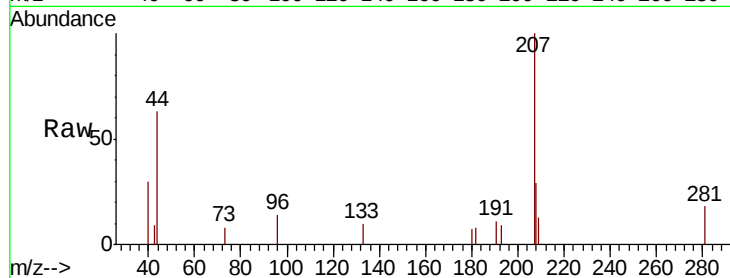
Tot Ion:180 Resp: 60

Ion Ratio Lower Upper

180 100

182 153.3 48.0 144.2#

145 0.0 15.2 45.6#



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

