

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072018\
 Data File : VN049997.D
 Acq On : 21 Jul 2018 8:16
 Operator : MD\SY
 Sample : J3827-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-01-071918

Quant Time: Jul 23 01:13:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	541585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	927035	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	760973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	275943	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	393429	52.85	ug/l	0.00
Spiked Amount						
			Recovery	=	105.70%	
35) Dibromofluoromethane	7.59	113	348194	44.74	ug/l	0.00
Spiked Amount						
			Recovery	=	89.48%	
50) Toluene-d8	10.09	98	1222525	43.11	ug/l	0.00
Spiked Amount						
			Recovery	=	86.22%	
62) 4-Bromofluorobenzene	12.40	95	329414	33.73	ug/l	0.00
Spiked Amount						
			Recovery	=	67.46%	

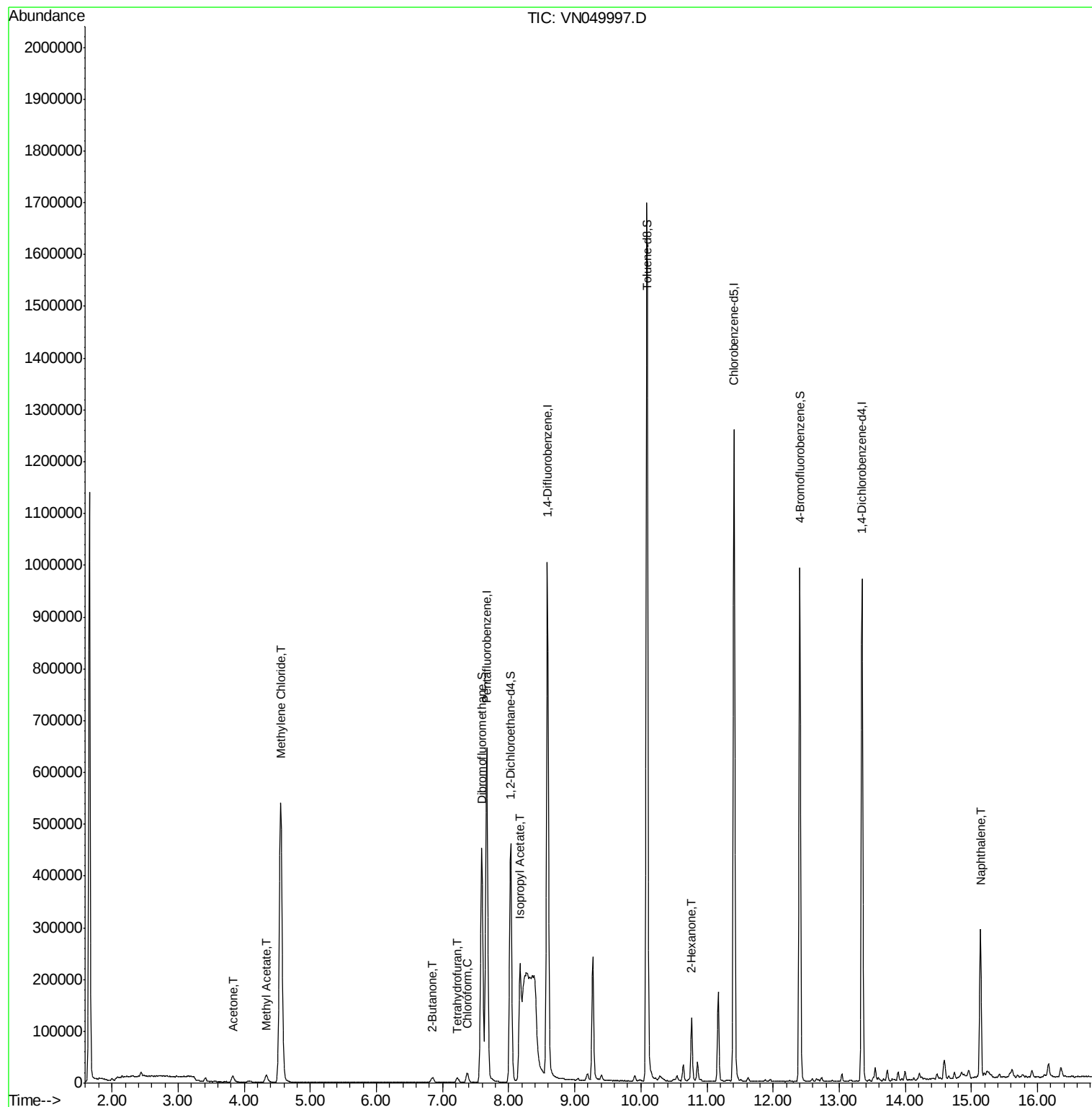
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	19083	9.90	ug/l	98
18) Methyl Acetate	4.34	43	28028	3.87	ug/l	96
20) Methylene Chloride	4.55	84	418201	57.06	ug/l	98
25) 2-Butanone	6.85	43	12059	4.38	ug/l	98
29) Tetrahydrofuran	7.23	42	7204	4.15	ug/l #	74
30) Chloroform	7.37	83	18996	1.53	ug/l	100
43) Isopropyl Acetate	8.17	43	265923	21.50	ug/l #	95
59) 2-Hexanone	10.77	43	17168	3.70	ug/l #	58
95) Naphthalene	15.14	128	245965	21.62	ug/l	99

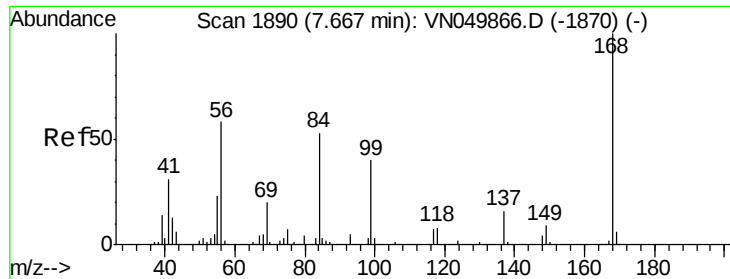
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 19 01:58:39 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049997.D

Acq: 21 Jul 2018 8:16

Instrument :

MSVOA_N

ClientSampleId :

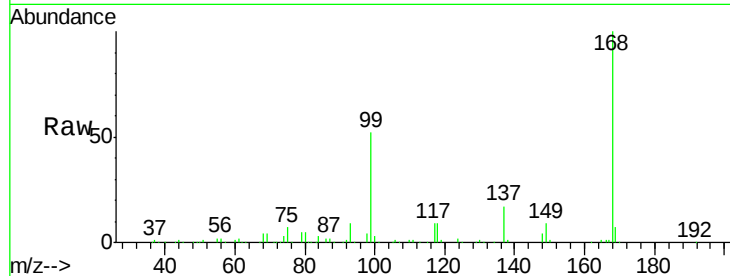
OR-01-071918

Tot Ion:168 Resp: 541585

Ion Ratio Lower Upper

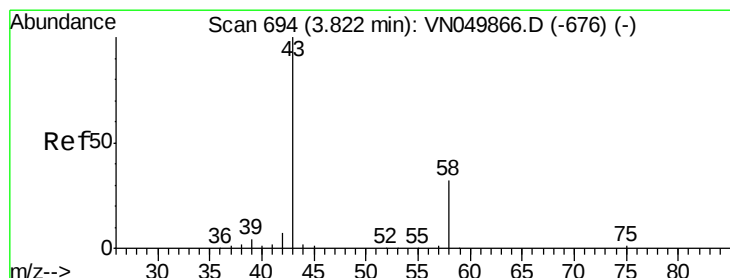
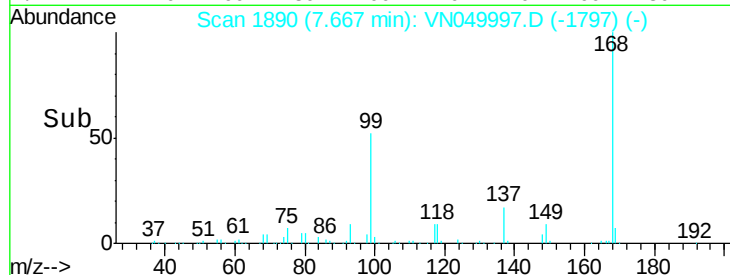
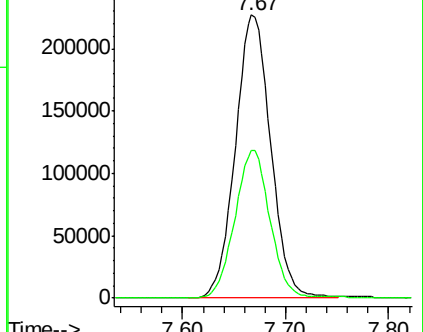
168 100

99 52.1 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 9.90 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049997.D

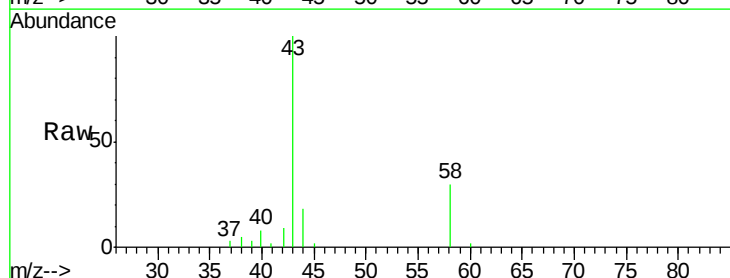
Acq: 21 Jul 2018 8:16

Tgt Ion: 43 Resp: 19083

Ion Ratio Lower Upper

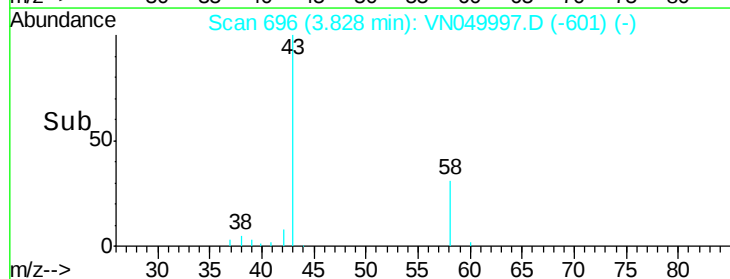
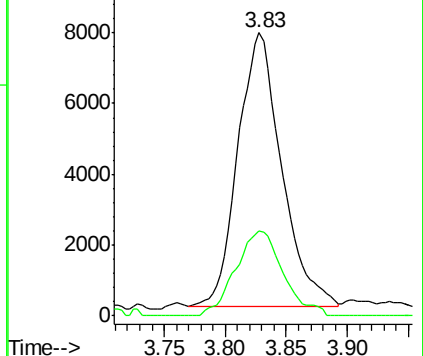
43 100

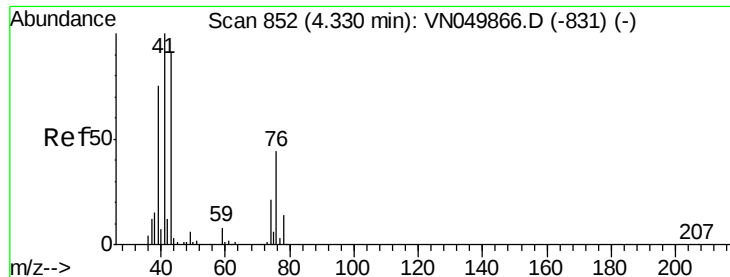
58 31.1 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

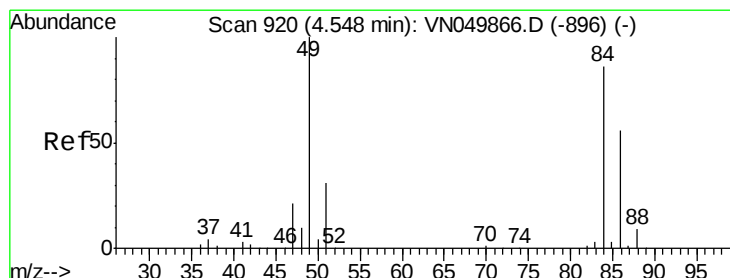
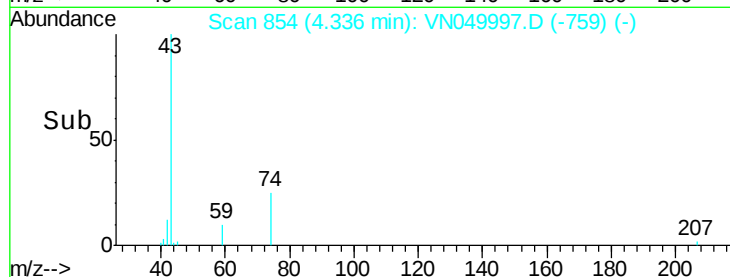
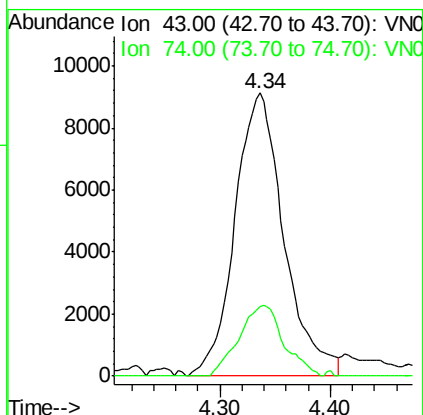
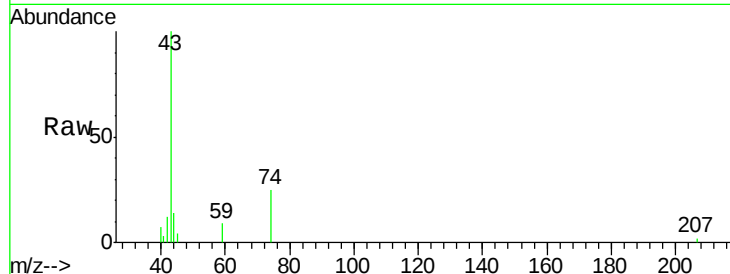




#18
Methvl Acetate
Concen: 3.87 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049997.D
Acq: 21 Jul 2018 8:16

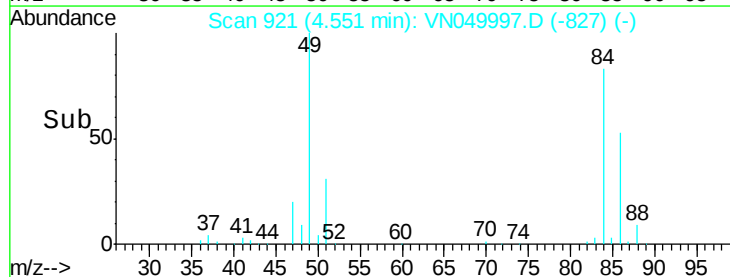
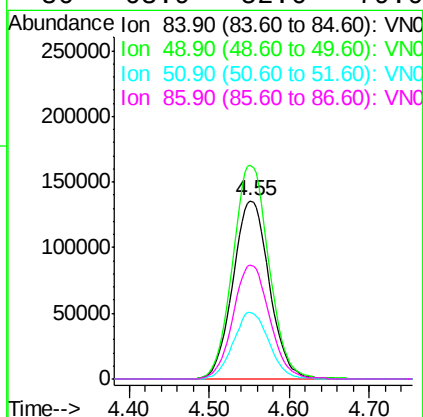
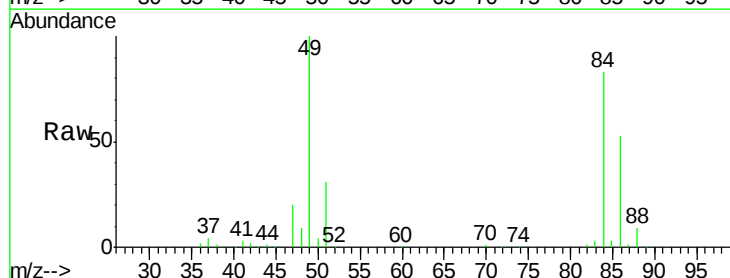
Instrument :
MSVOA_N
ClientSampleId :
OR-01-071918

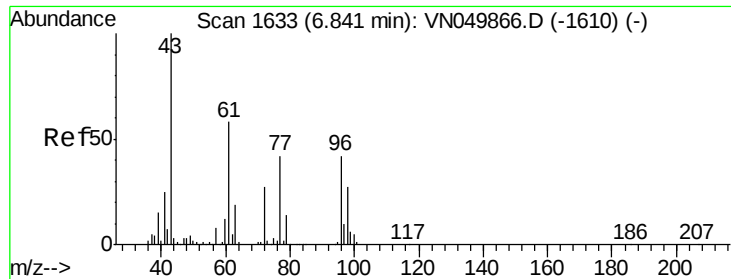
Tot Ion: 43 Resp: 28028
Ion Ratio Lower Upper
43 100
74 22.8 19.8 29.8



#20
Methylene Chloride
Concen: 57.06 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049997.D
Acq: 21 Jul 2018 8:16

Tgt Ion: 84 Resp: 418201
Ion Ratio Lower Upper
84 100
49 119.9 95.4 143.2
51 37.5 28.4 42.6
86 63.9 52.6 79.0





#25

2-Butanone

Concen: 4.38 ug/l

RT: 6.85 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VN049997.D

Acq: 21 Jul 2018 8:16

Instrument :

MSVOA_N

ClientSampleId :

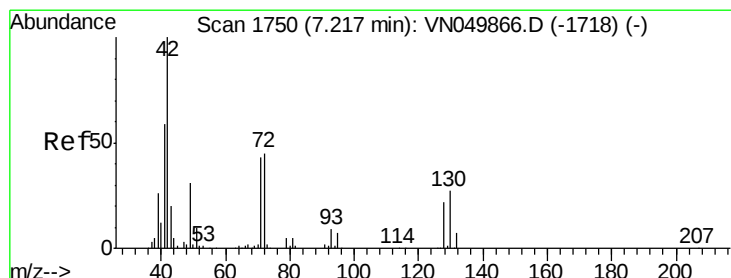
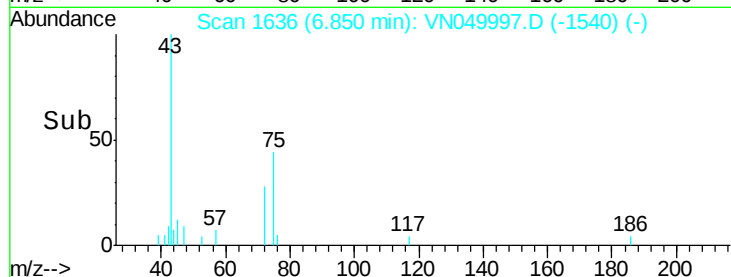
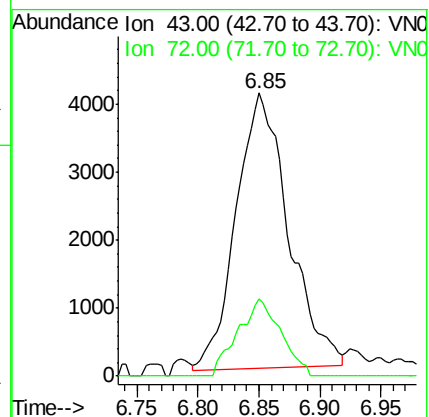
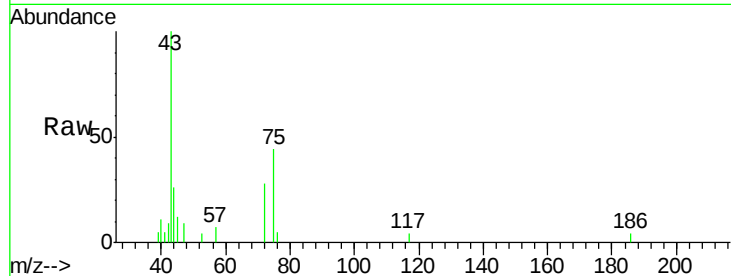
OR-01-071918

Tot Ion: 43 Resp: 12059

Ion Ratio Lower Upper

43 100

72 28.6 22.1 33.1



#29

Tetrahydrofuran

Concen: 4.15 ug/l

RT: 7.23 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VN049997.D

Acq: 21 Jul 2018 8:16

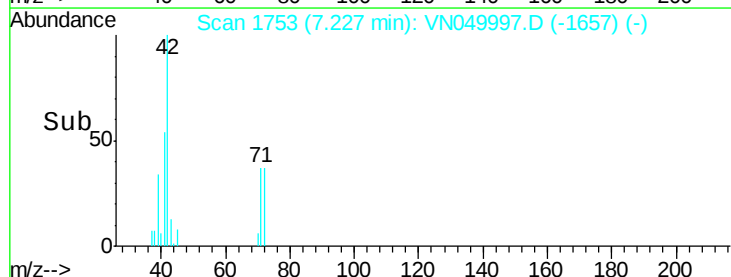
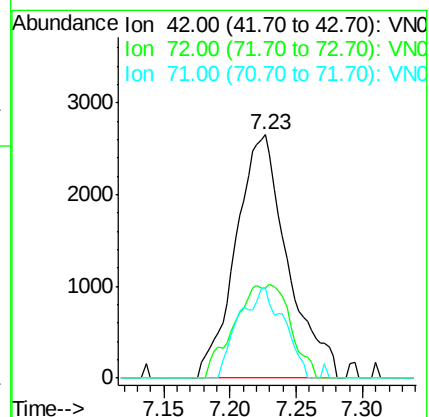
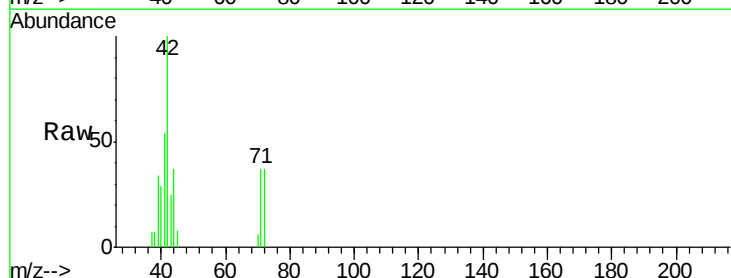
Tgt Ion: 42 Resp: 7204

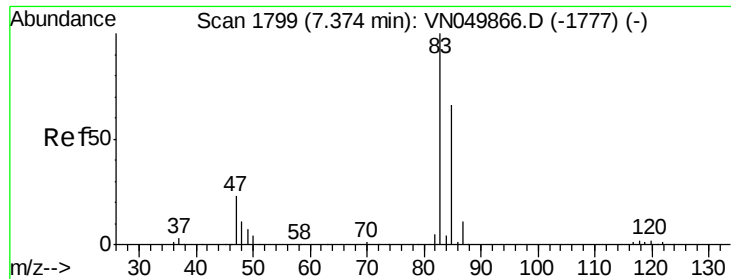
Ion Ratio Lower Upper

42 100

72 21.5 35.6 53.4#

71 32.2 34.0 51.0#

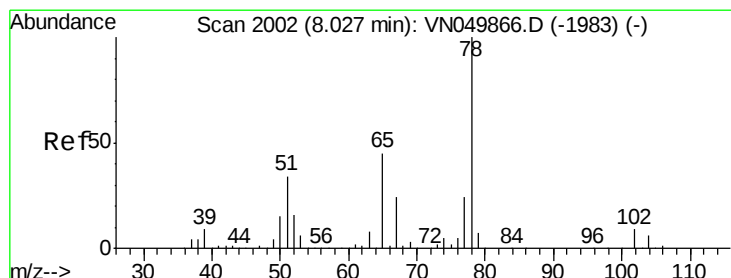
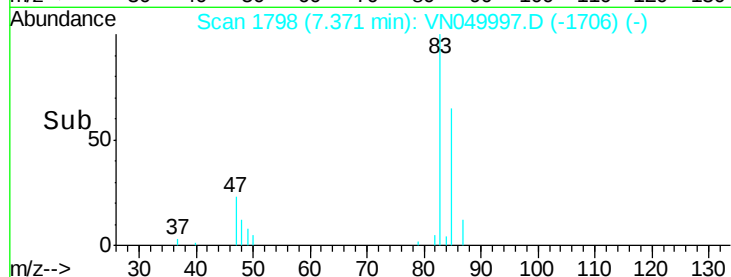
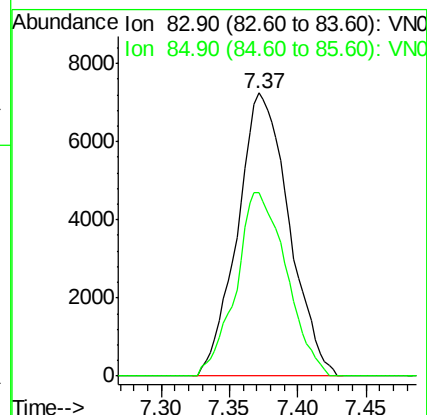
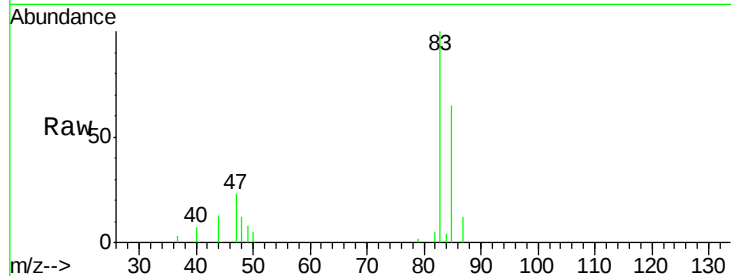




#30
Chloroform
Concen: 1.53 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN049997.D
Acq: 21 Jul 2018 8:16

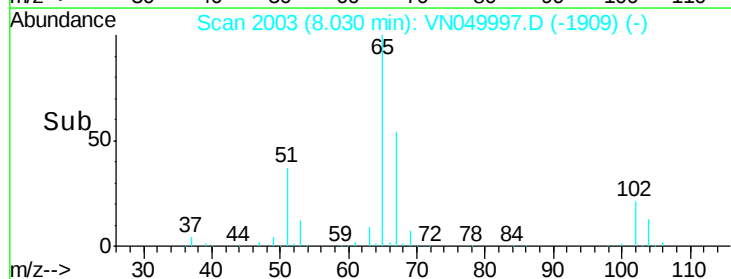
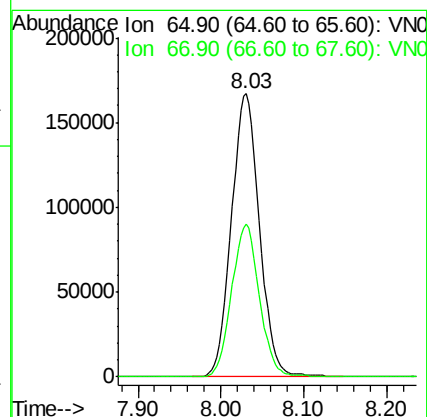
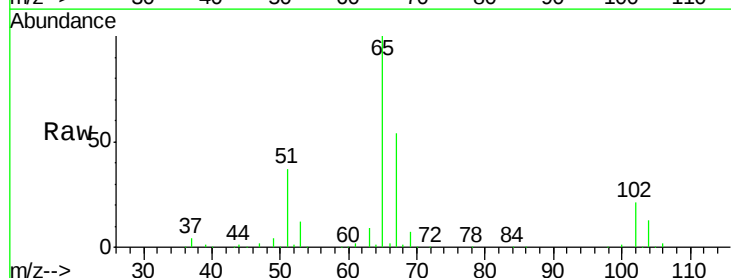
Instrument :
MSVOA_N
ClientSampleId :
OR-01-071918

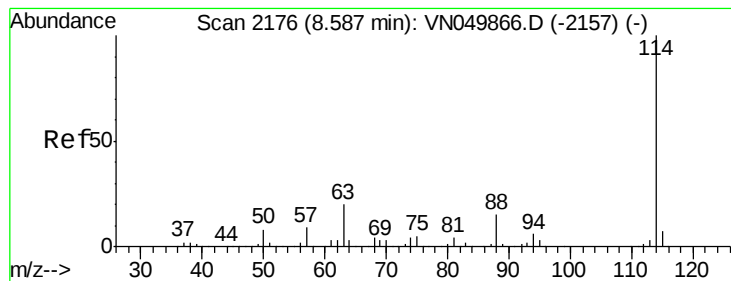
Tot Ion: 83 Resp: 18996
Ion Ratio Lower Upper
83 100
85 64.7 51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 52.85 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049997.D
Acq: 21 Jul 2018 8:16

Tgt Ion: 65 Resp: 393429
Ion Ratio Lower Upper
65 100
67 53.4 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049997.D

Acq: 21 Jul 2018 8:16

Instrument :

MSVOA_N

ClientSampleId :

OR-01-071918

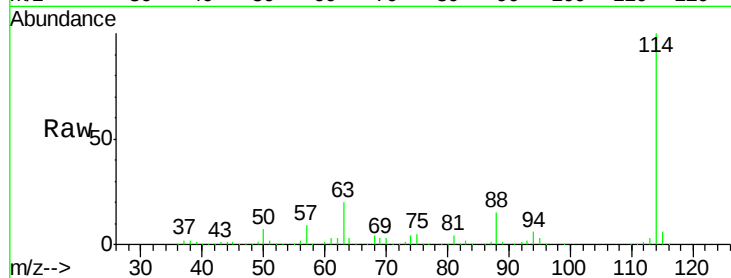
Tot Ion:114 Resp: 927035

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

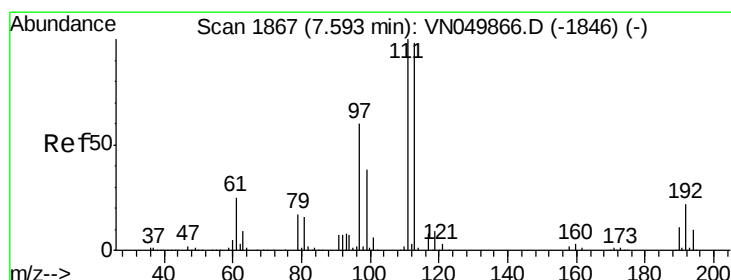
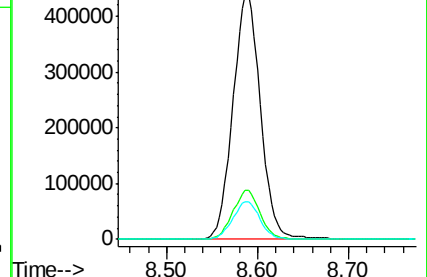
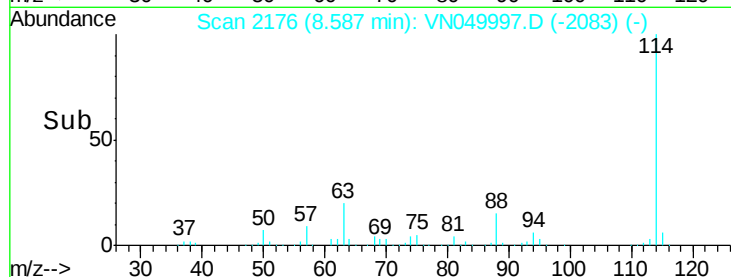
88 15.5 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 44.74 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049997.D

Acq: 21 Jul 2018 8:16

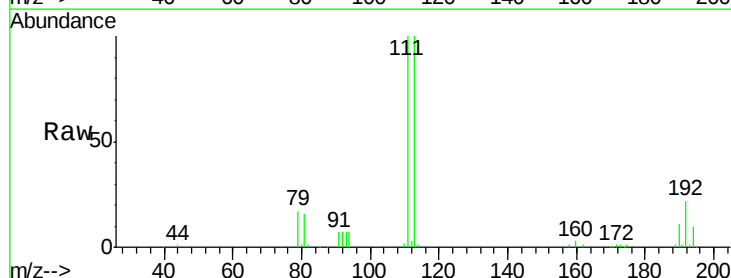
Tgt Ion:113 Resp: 348194

Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.8

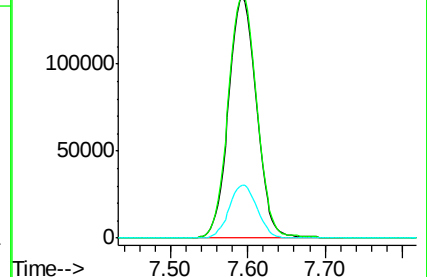
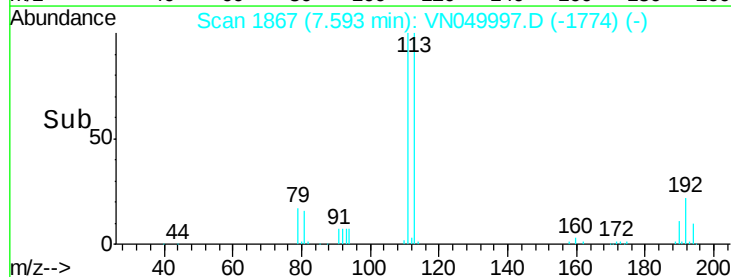
192 22.0 17.8 26.6

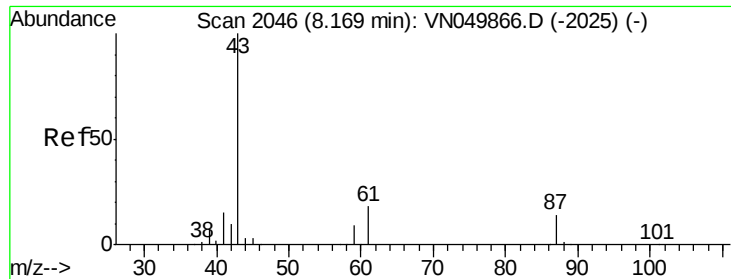


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



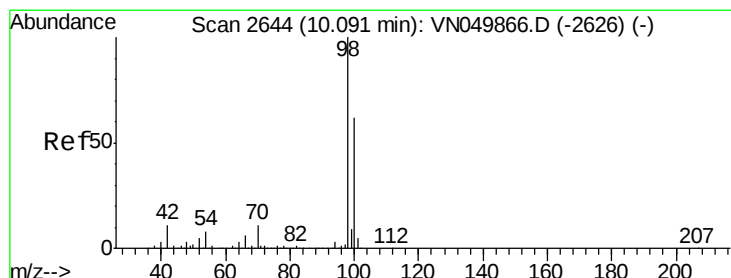
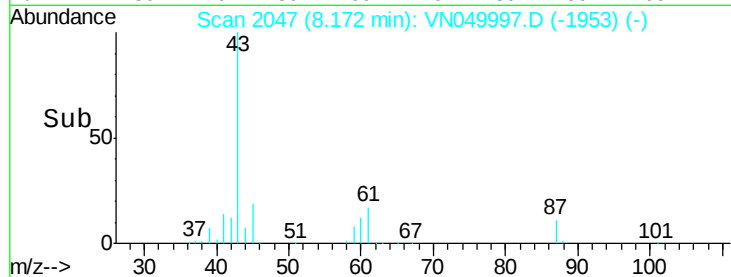
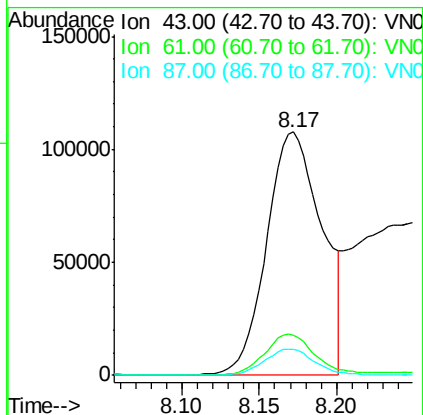
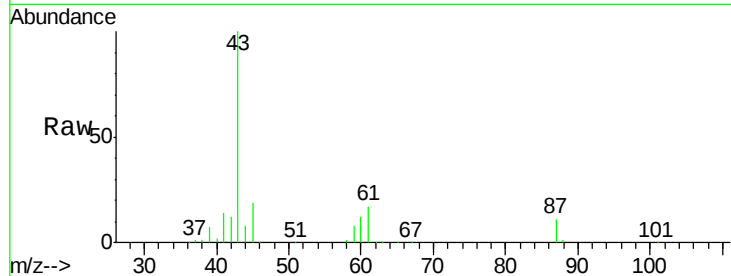


#43

Isopropyl Acetate
 Concen: 21.50 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN049997.D
 Acq: 21 Jul 2018 8:16

Instrument :
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 OR-01-071918

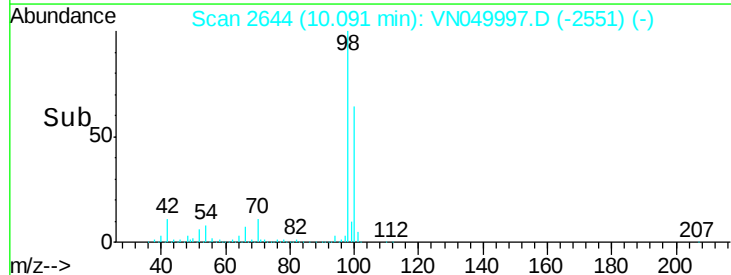
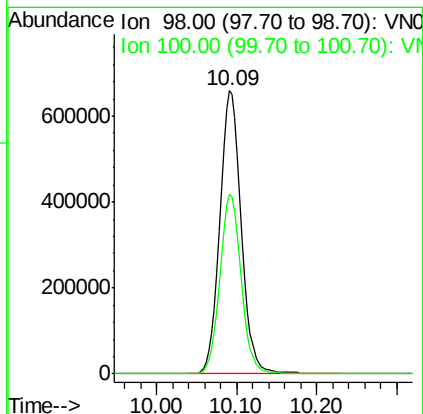
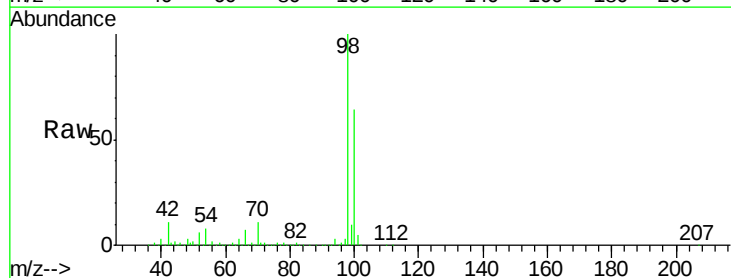
Tot Ion	43	61	87
Resp	265923		
Ratio	100	16.7	9.9
Lower		14.9	10.0
Upper		22.3	15.0

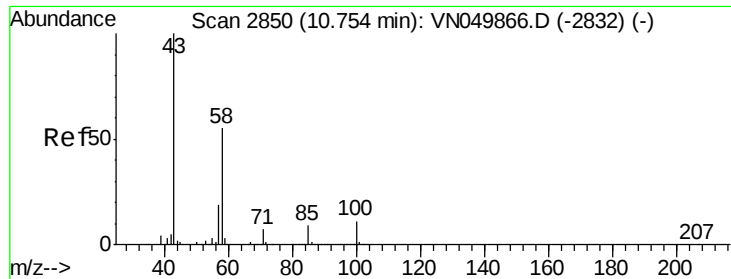


#50

Toluene-d8
 Concen: 43.11 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. 0.00 min
 Lab File: VN049997.D
 Acq: 21 Jul 2018 8:16

Tgt Ion	98	100
Resp	1222525	
Ratio	100	63.2
Lower		51.7
Upper		77.5





#59

2-Hexanone

Concen: 3.70 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN049997.D

Acq: 21 Jul 2018 8:16

Instrument :

MSVOA_N

ClientSampleId :

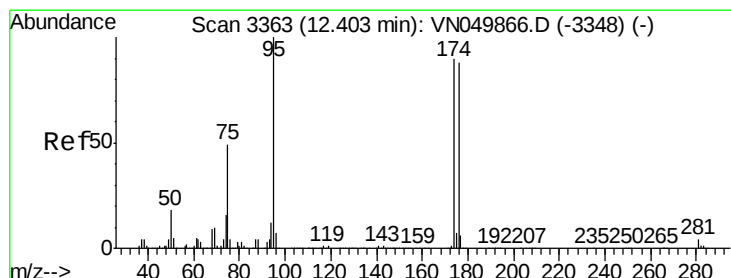
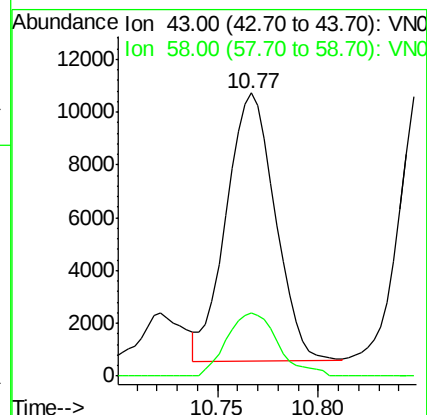
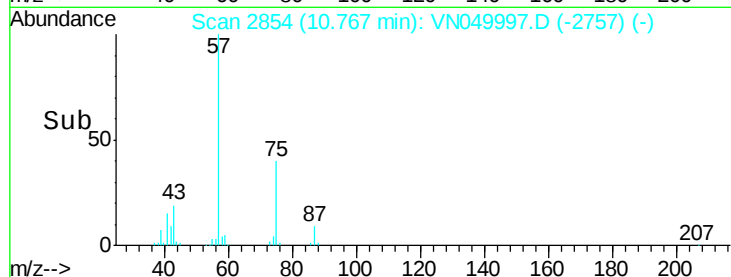
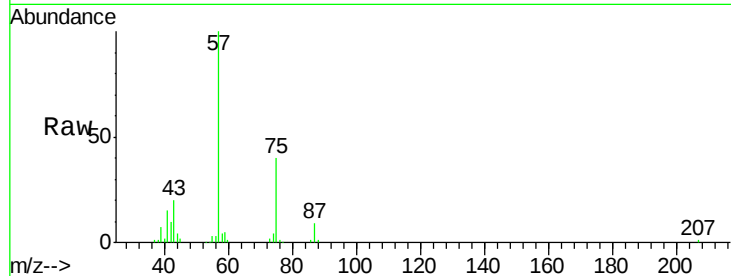
OR-01-071918

Tot Ion: 43 Resp: 17168

Ion Ratio Lower Upper

43 100

58 24.8 27.8 83.4#



#62

4-Bromofluorobenzene

Concen: 33.73 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049997.D

Acq: 21 Jul 2018 8:16

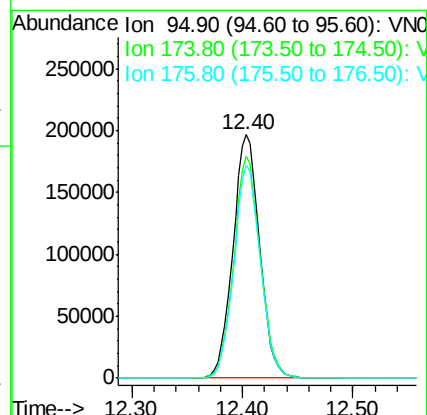
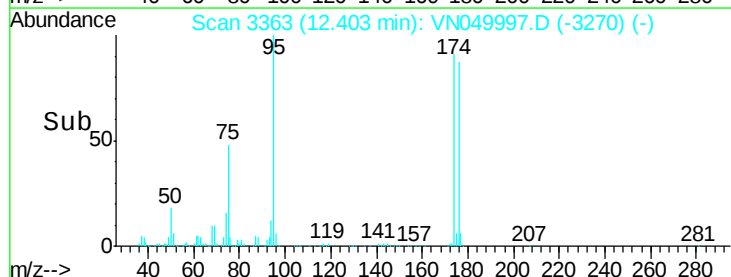
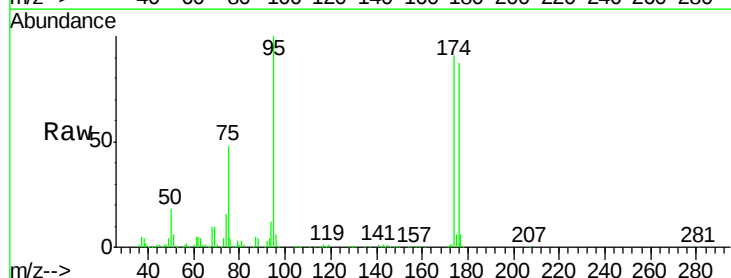
Tgt Ion: 95 Resp: 329414

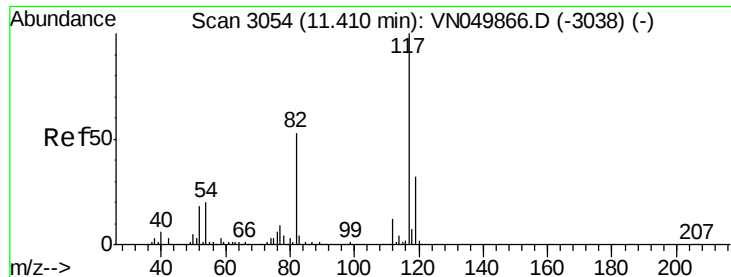
Ion Ratio Lower Upper

95 100

174 90.7 0.0 179.6

176 86.9 0.0 174.0

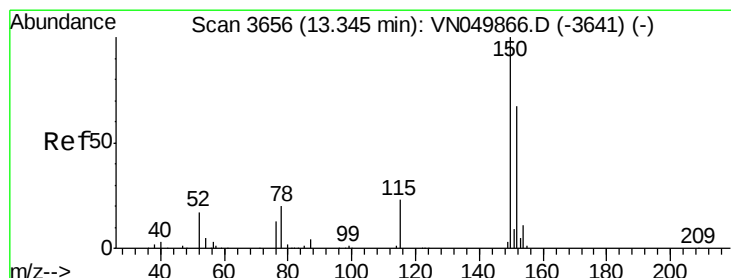
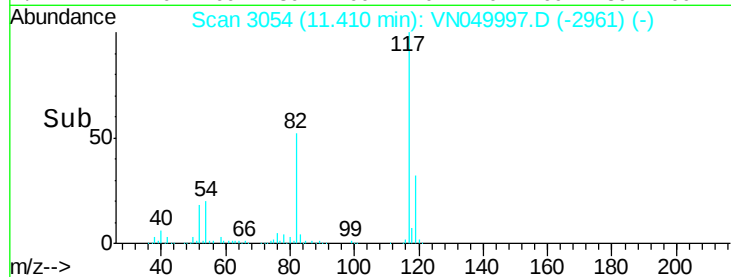
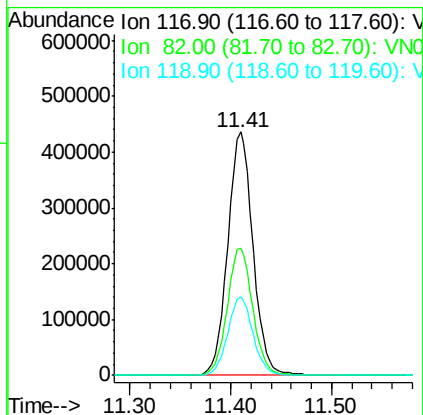
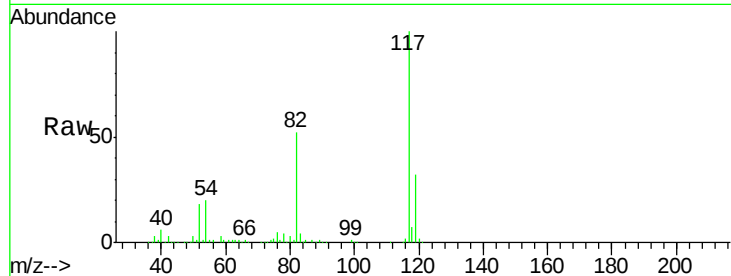




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049997.D
Acq: 21 Jul 2018 8:16

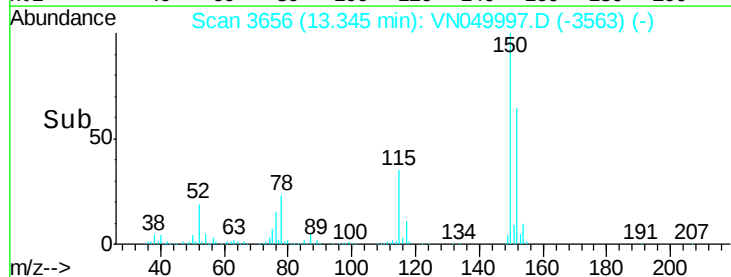
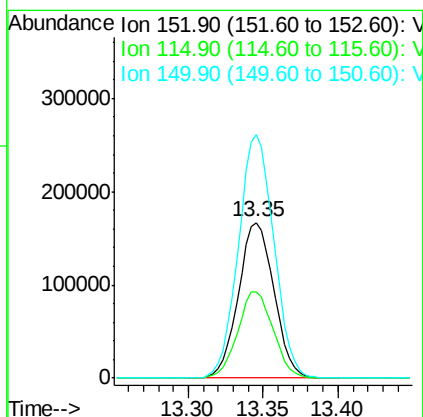
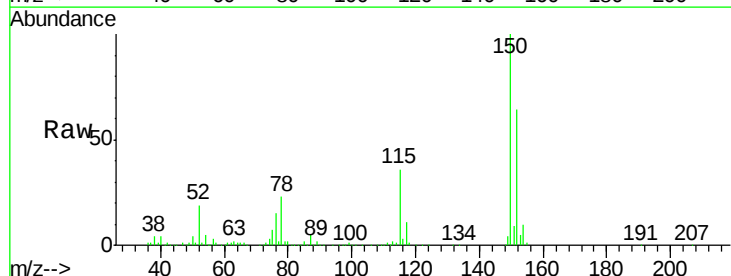
Instrument :
MSVOA_N
ClientSampleId :
OR-01-071918

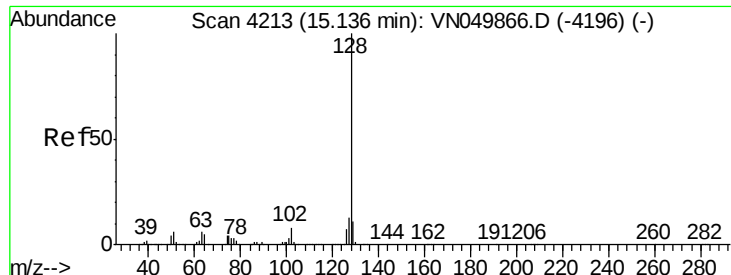
Tot Ion:117 Resp: 760973
Ion Ratio Lower Upper
117 100
82 52.5 41.9 62.9
119 32.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049997.D
Acq: 21 Jul 2018 8:16

Tgt Ion:152 Resp: 275943
Ion Ratio Lower Upper
152 100
115 55.5 28.1 84.2
150 156.2 0.0 347.6

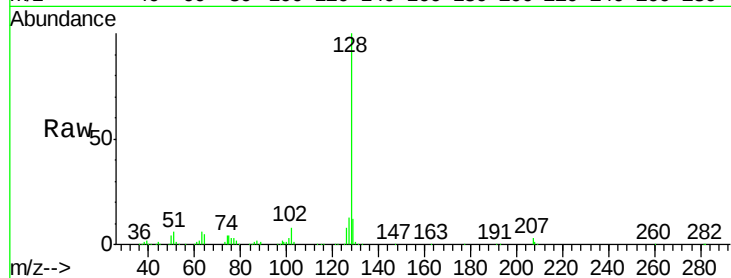




#95
Naphthalene
Concen: 21.62 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049997.D
Acq: 21 Jul 2018 8:16

Instrument :
MSVOA_N
ClientSampleId :
OR-01-071918

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.5	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

