

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101918\
 Data File : VN051956.D
 Acq On : 19 Oct 2018 18:54
 Operator : MD\SY
 Sample : J5538-22 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 CNL01

Quant Time: Oct 20 00:56:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 19 05:11:28 2018
 Response via : Initial Calibration

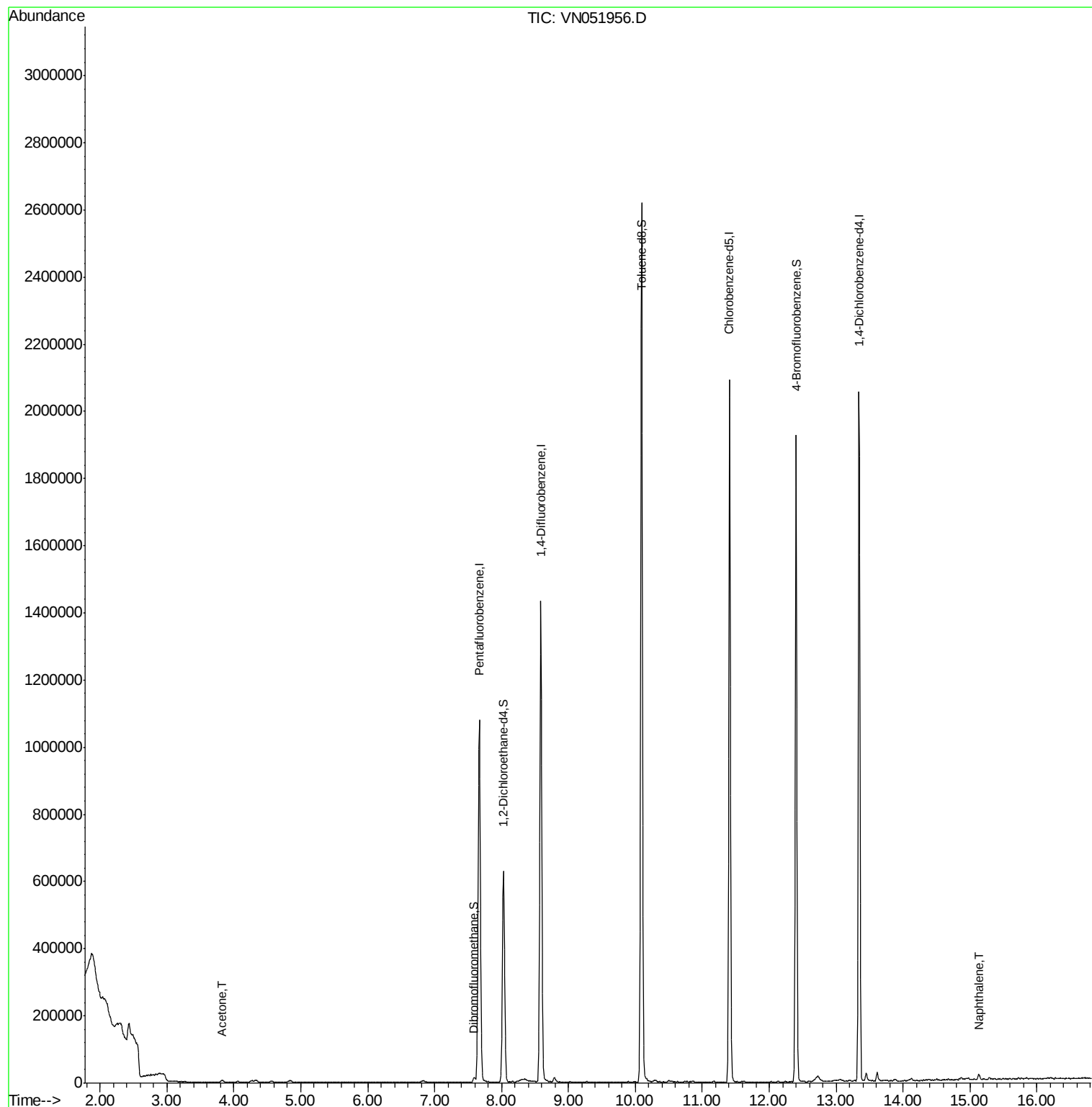
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	958107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1396351	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1270762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	595202	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	532764	59.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.96%	
35) Dibromofluoromethane	7.58	113	10538	1.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	2.38%	
50) Toluene-d8	10.09	98	1923184	59.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.06%	
62) 4-Bromofluorobenzene	12.40	95	606442	56.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.48%	
Target Compounds						
16) Acetone	3.82	43	9032	5.743	ug/l #	67
95) Naphthalene	15.13	128	12404	4.646	ug/l #	93

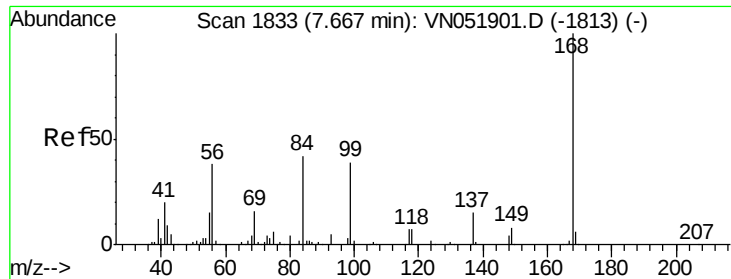
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051956.D

Acq: 19 Oct 2018 18:54

Instrument :

MSVOA_N

ClientSampled :

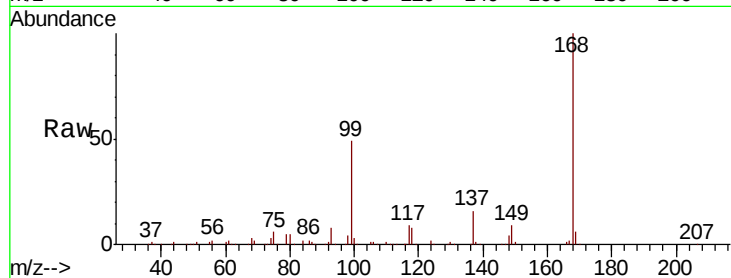
CNL01

Tot Ion:168 Resp: 958107

Ion Ratio Lower Upper

168 100

99 48.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

400000

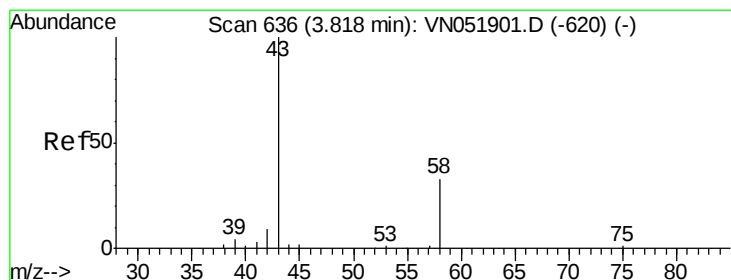
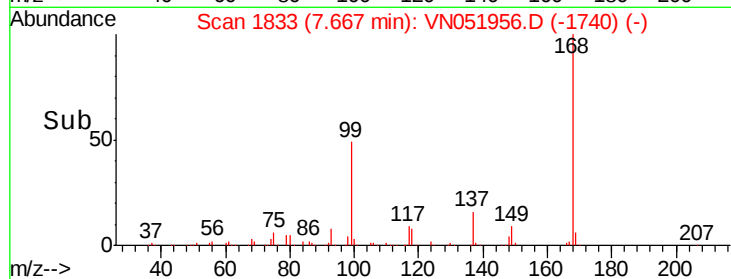
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 5.743 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051956.D

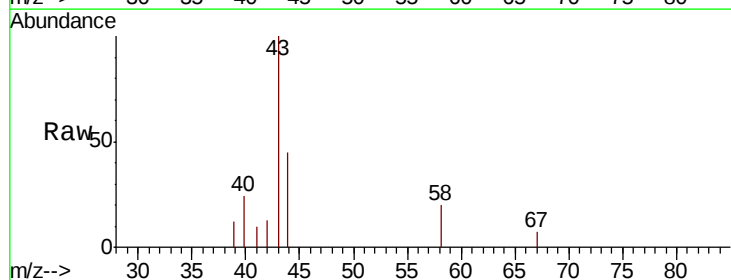
Acq: 19 Oct 2018 18:54

Tgt Ion: 43 Resp: 9032

Ion Ratio Lower Upper

43 100

58 13.8 25.9 38.9#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

4000

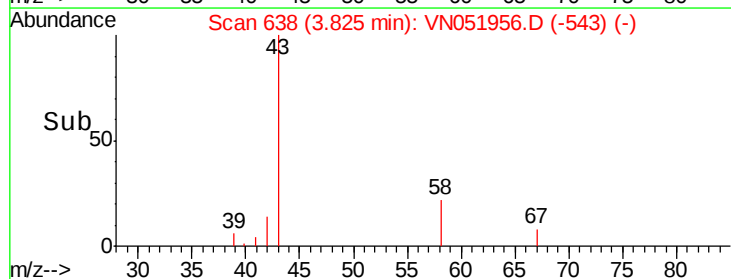
3000

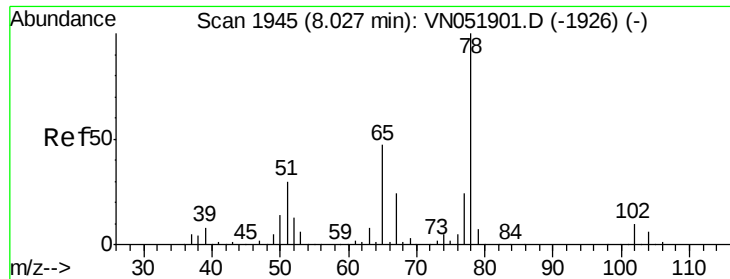
2000

1000

0

Time-->

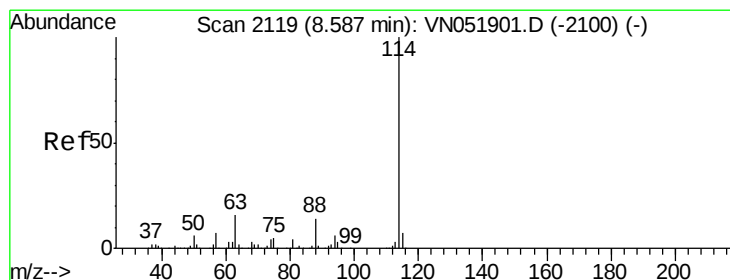
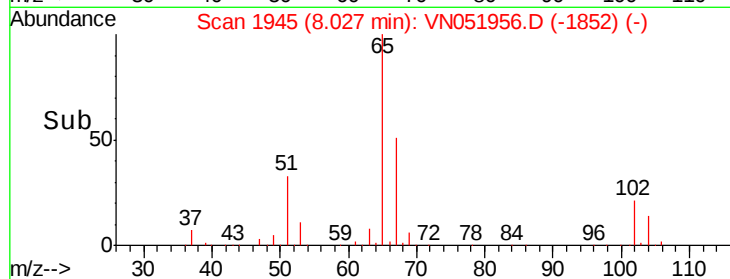
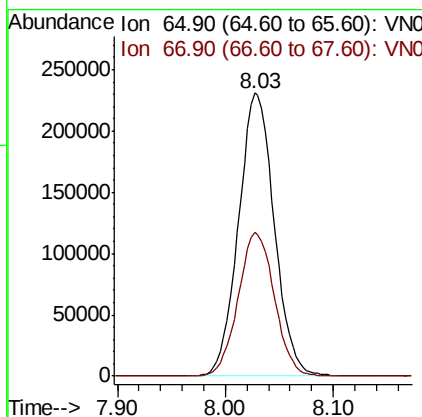
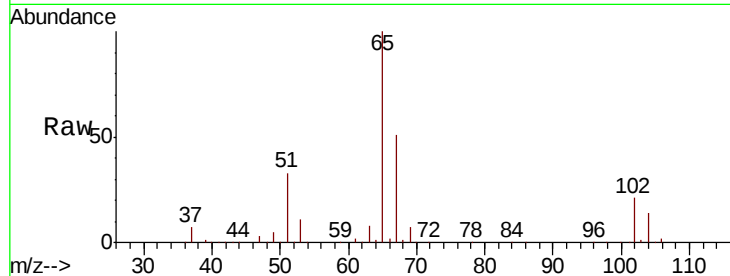




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN051956.D
 Acq: 19 Oct 2018 18:54

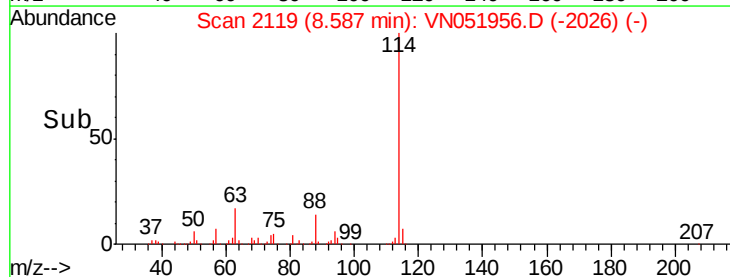
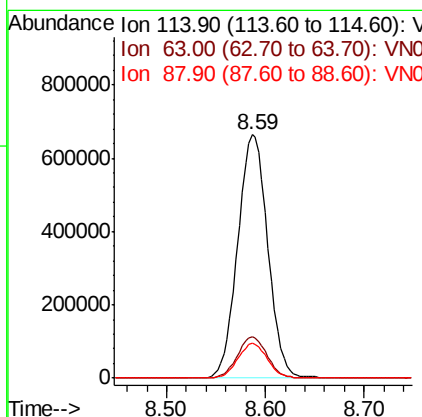
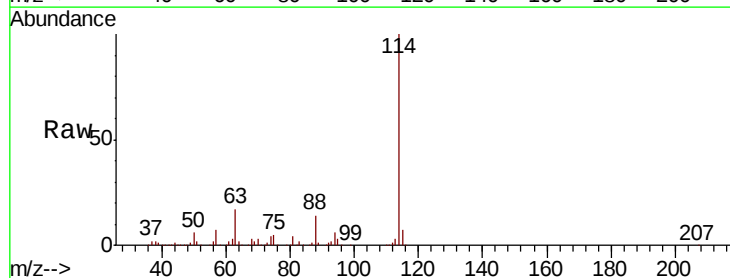
Instrument :
 MSVOA_N
 ClientSampled :
 CNL01

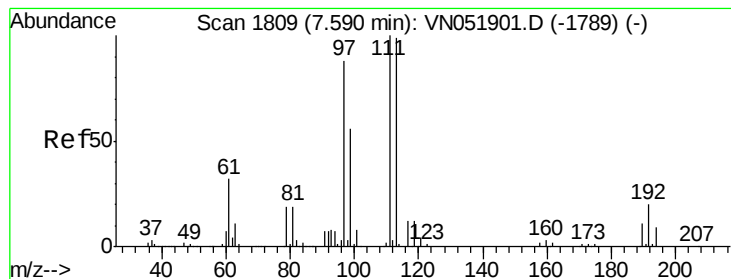
Tot Ion: 65 Resp: 532764
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051956.D
 Acq: 19 Oct 2018 18:54

Tgt Ion: 114 Resp: 1396351
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 31.8
 88 14.4 0.0 28.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.58 min Scan# 1807

Delta R.T. -0.01 min

Lab File: VN051956.D

Acq: 19 Oct 2018 18:54

Instrument :

MSVOA_N

ClientSampleId :

CNL01

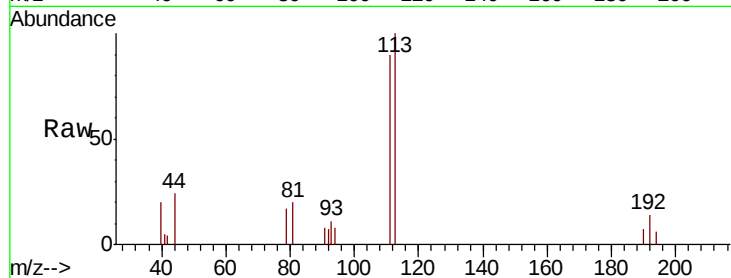
Tot Ion:113 Resp: 10538

Ion Ratio Lower Upper

113 100

111 98.7 82.6 123.8

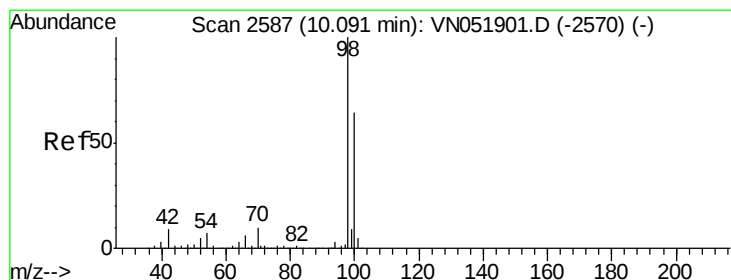
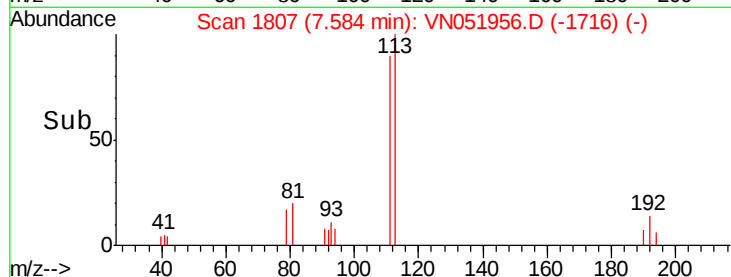
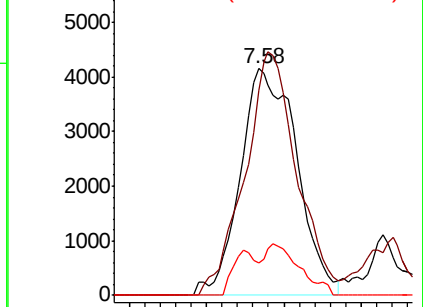
192 14.2 17.3 25.9#



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



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051956.D

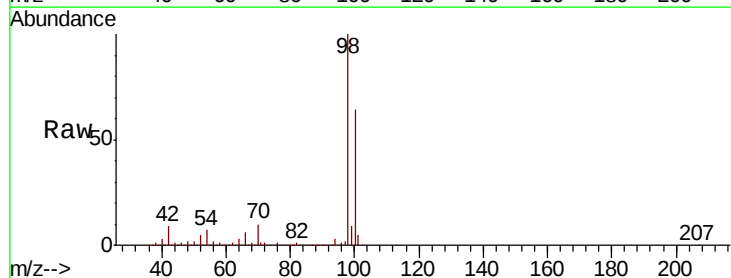
Acq: 19 Oct 2018 18:54

Tgt Ion: 98 Resp: 1923184

Ion Ratio Lower Upper

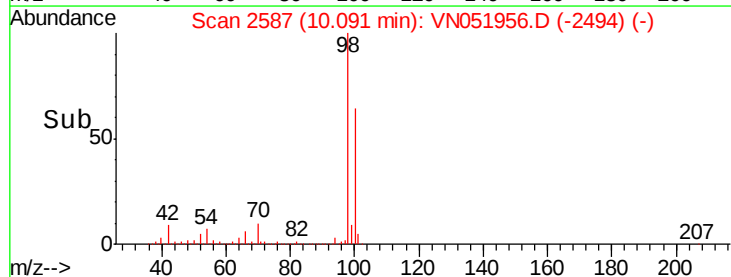
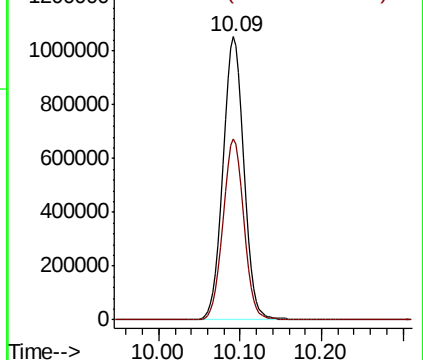
98 100

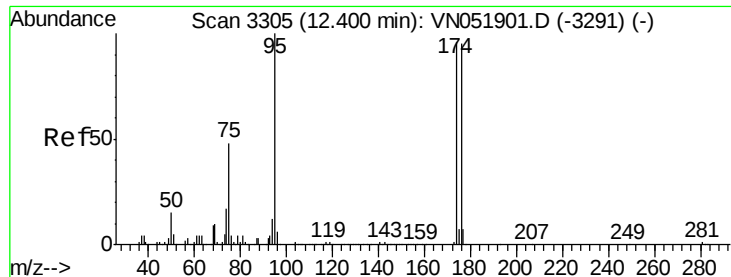
100 63.9 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN051956.D

Acq: 19 Oct 2018 18:54

Instrument :

MSVOA_N

ClientSampleId :

CNL01

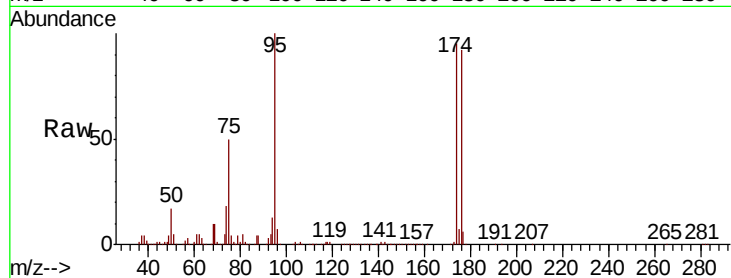
Tot Ion: 95 Resp: 606442

Ion Ratio Lower Upper

95 100

174 97.0 0.0 195.0

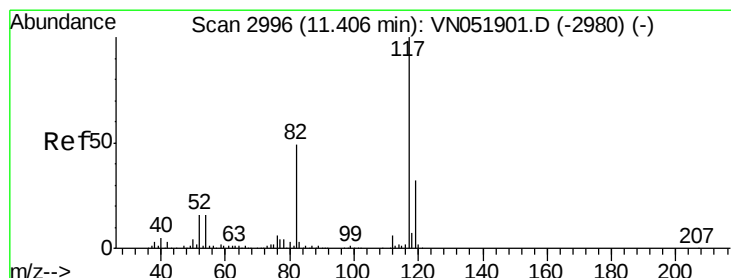
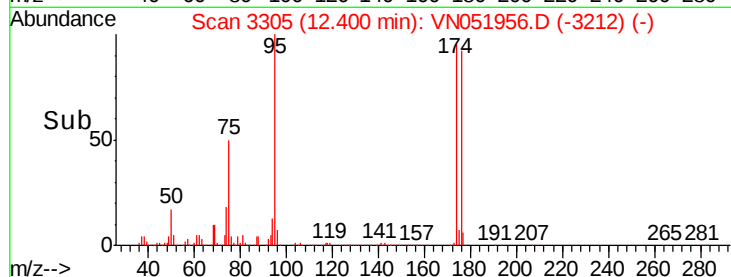
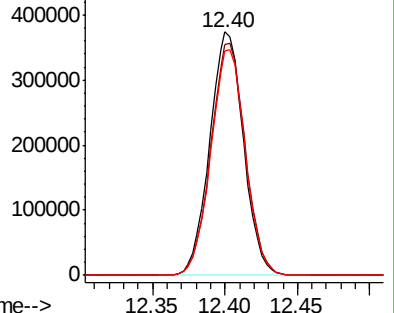
176 94.4 0.0 191.4



Abundance Ion 94.90 (94.60 to 95.60): VN051901.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN051901.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN051901.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN051956.D

Acq: 19 Oct 2018 18:54

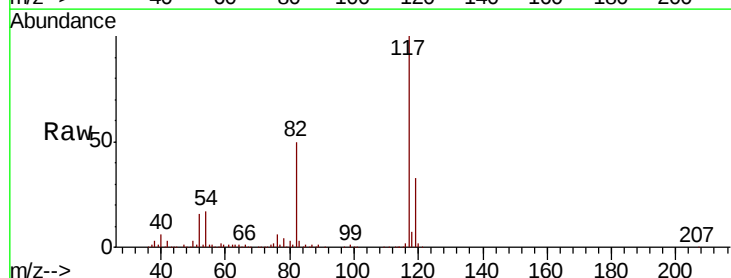
Tgt Ion: 117 Resp: 1270762

Ion Ratio Lower Upper

117 100

82 49.5 38.9 58.3

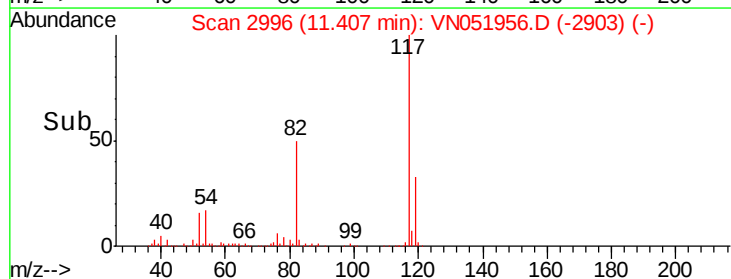
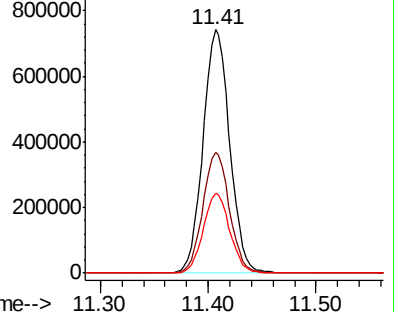
119 32.6 25.9 38.9

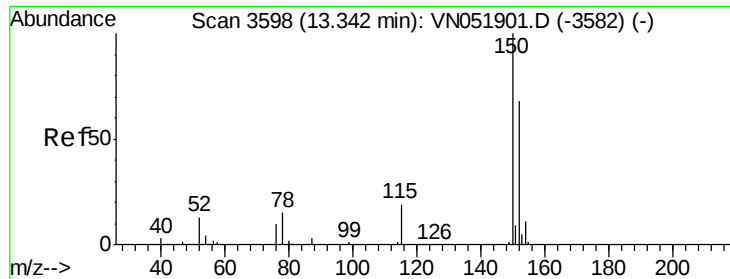


Abundance Ion 116.90 (116.60 to 117.60): VN051901.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN051901.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN051901.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051956.D

Acq: 19 Oct 2018 18:54

Instrument :

MSVOA_N

ClientSampleId :

CNL01

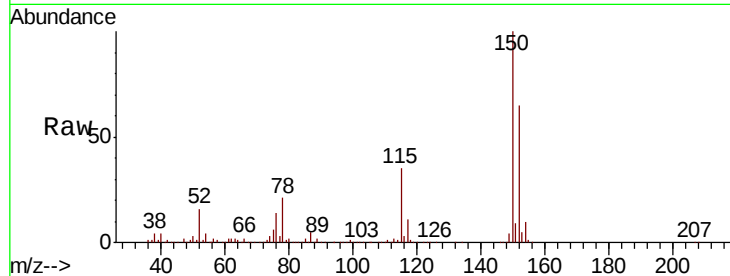
Tot Ion:152 Resp: 595202

Ion Ratio Lower Upper

152 100

115 54.8 26.7 80.1

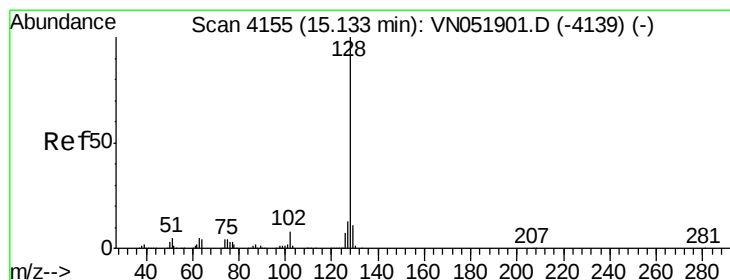
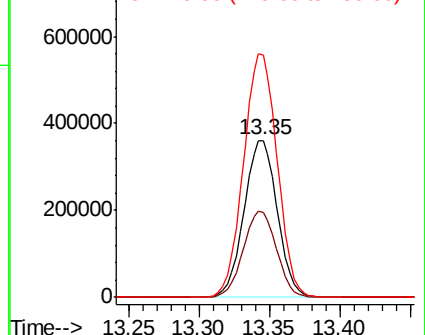
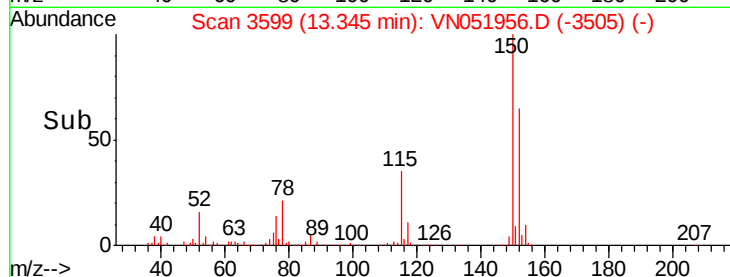
150 157.7 0.0 346.4



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



#95

Naphthalene

Concen: 4.646 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN051956.D

Acq: 19 Oct 2018 18:54

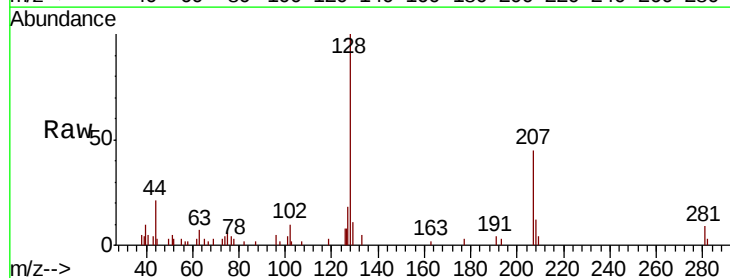
Tgt Ion:128 Resp: 12404

Ion Ratio Lower Upper

128 100

127 17.6 10.2 15.2#

129 10.9 8.5 12.7



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

