

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111618\
 Data File : VN052370.D
 Acq On : 16 Nov 2018 17:40
 Operator : MD\SY
 Sample : J5767-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-111418-D

Quant Time: Nov 17 00:03:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

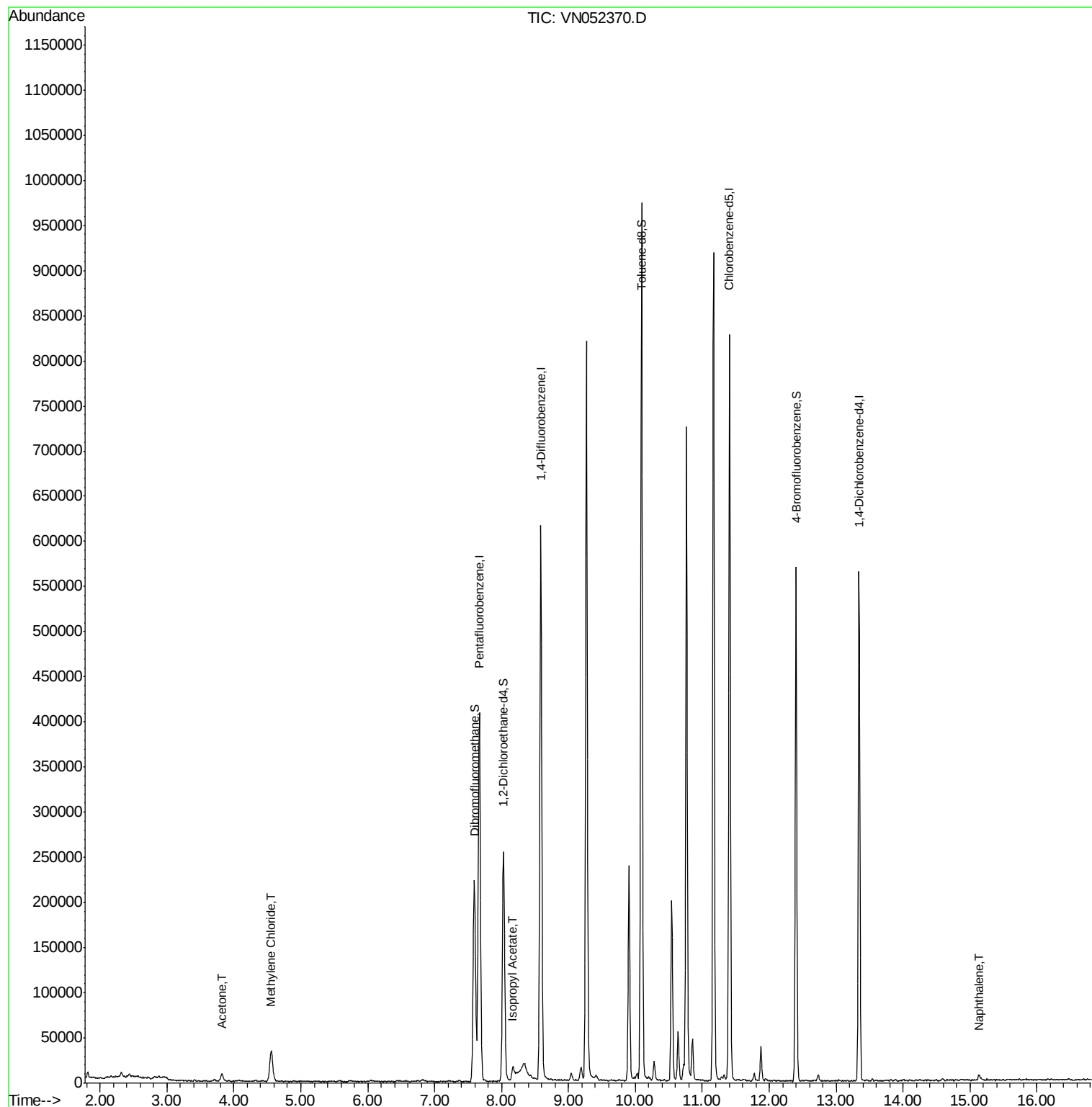
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	297236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	503123	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	419953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	134941	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	215618	51.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.72%	
35) Dibromofluoromethane	7.60	113	161416	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
50) Toluene-d8	10.09	98	631659	49.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.96%	
62) 4-Bromofluorobenzene	12.40	95	176628	42.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.12%	
Target Compounds						
16) Acetone	3.82	43	14656	12.680	ug/l	92
20) Methylene Chloride	4.56	84	22908	5.897	ug/l	93
43) Isopropyl Acetate	8.17	43	20288	2.873	ug/l #	97
95) Naphthalene	15.14	128	4498	3.497	ug/l	97

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111618\
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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: VN052370.D

Acq: 16 Nov 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

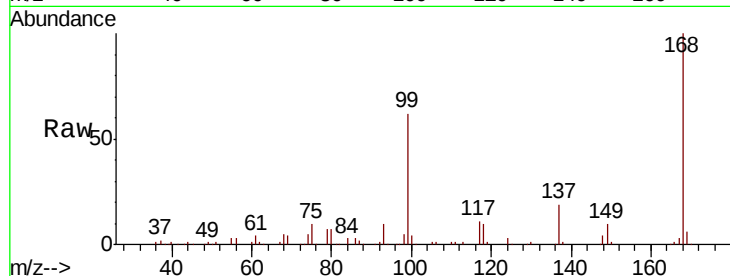
CL-01-111418-D

Tot Ion:168 Resp: 297236

Ion Ratio Lower Upper

168 100

99 62.0 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

150000

100000

50000

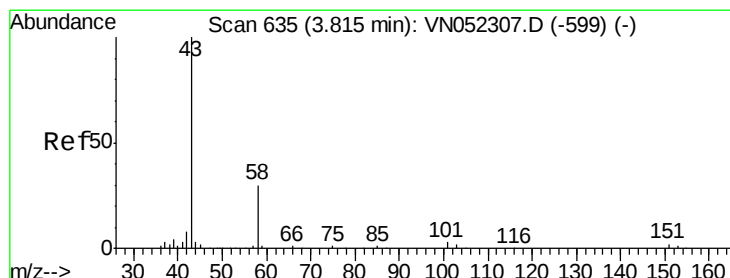
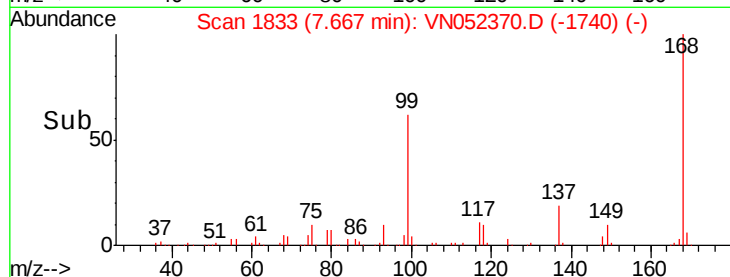
0

Time-->

7.60

7.70

7.80



#16

Acetone

Concen: 12.680 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052370.D

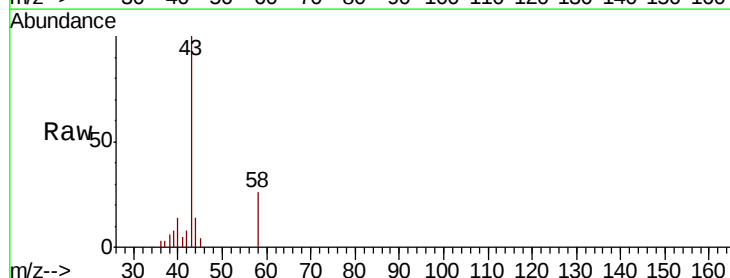
Acq: 16 Nov 2018 17:40

Tgt Ion: 43 Resp: 14656

Ion Ratio Lower Upper

43 100

58 26.0 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

6000

5000

4000

3000

2000

1000

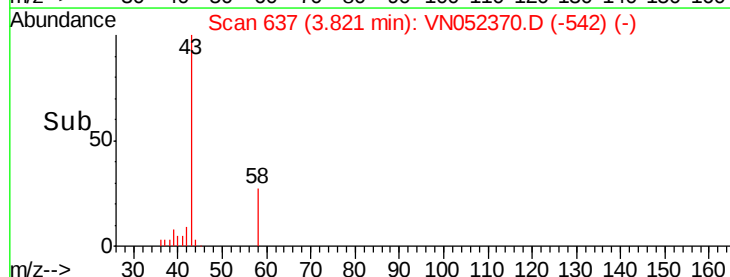
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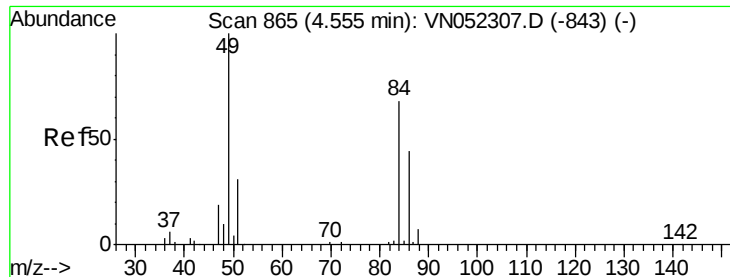
Time-->

3.70

3.80

3.90

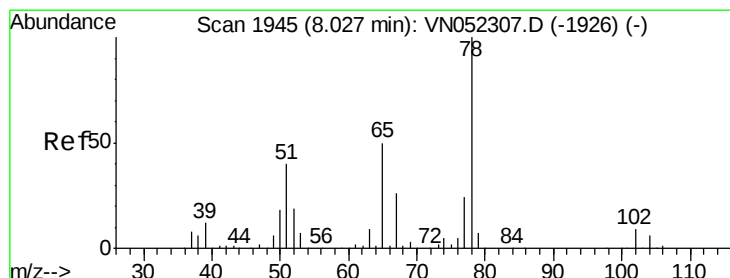
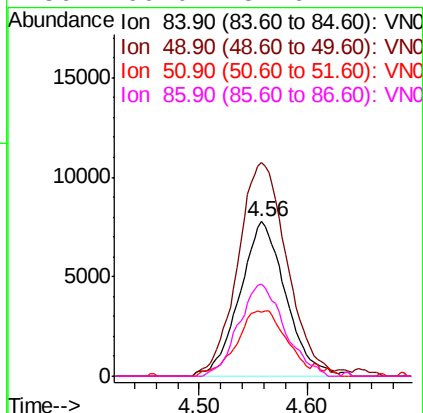
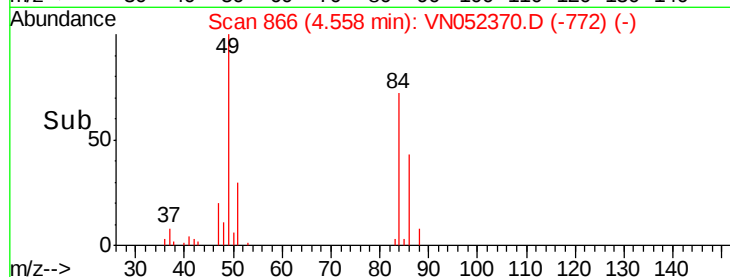
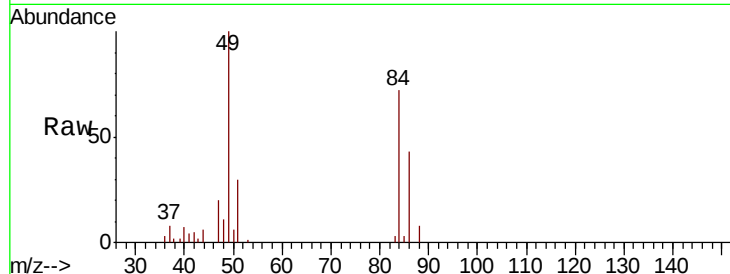




#20
Methvlene Chloride
Concen: 5.897 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052370.D
Acq: 16 Nov 2018 17:40

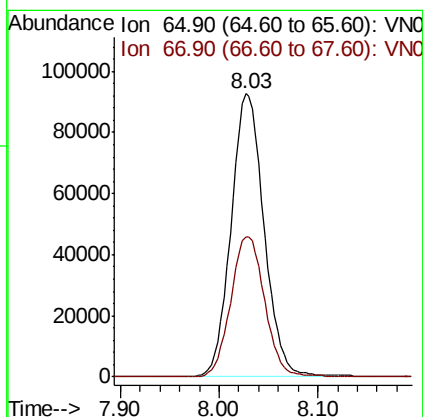
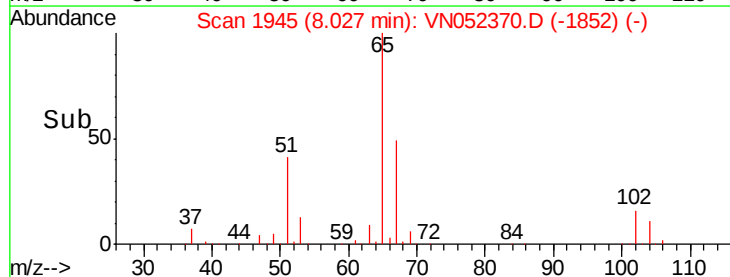
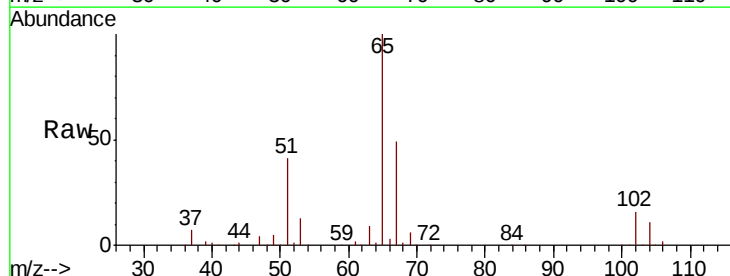
Instrument :
MSVOA_N
ClientSampleId :
CL-01-111418-D

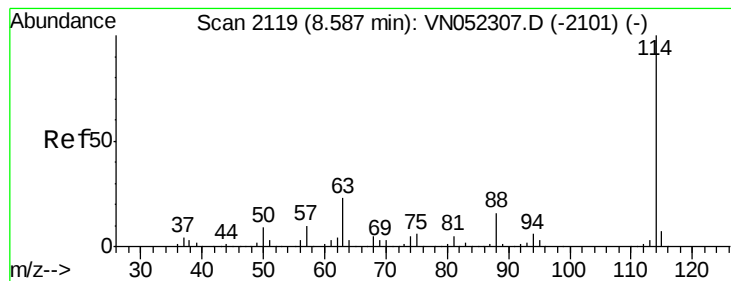
Tot Ion: 84 Resp: 22908
Ion Ratio Lower Upper
84 100
49 138.4 118.2 177.2
51 41.6 36.1 54.1
86 60.0 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052370.D
Acq: 16 Nov 2018 17:40

Tgt Ion: 65 Resp: 215618
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN052370.D

Acq: 16 Nov 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

CL-01-111418-D

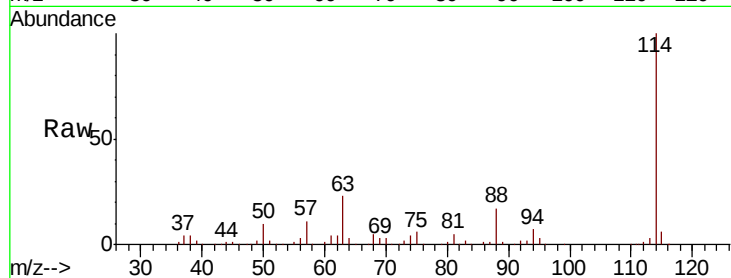
Tot Ion:114 Resp: 503123

Ion Ratio Lower Upper

114 100

63 23.1 0.0 45.4

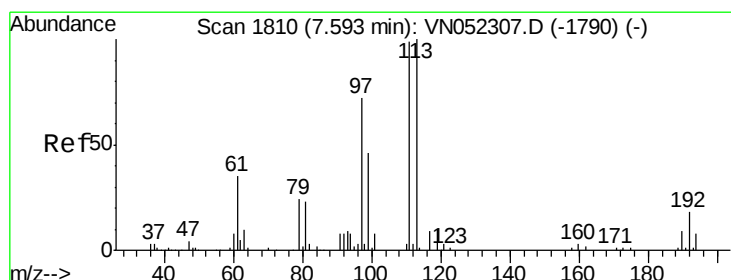
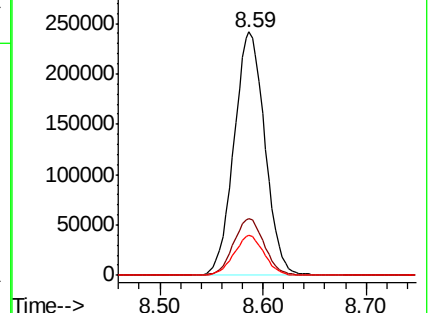
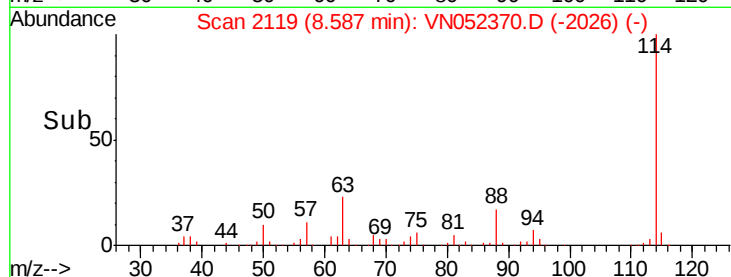
88 16.6 0.0 31.2



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: 50.000 ug/l

RT: 7.60 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VN052370.D

Acq: 16 Nov 2018 17:40

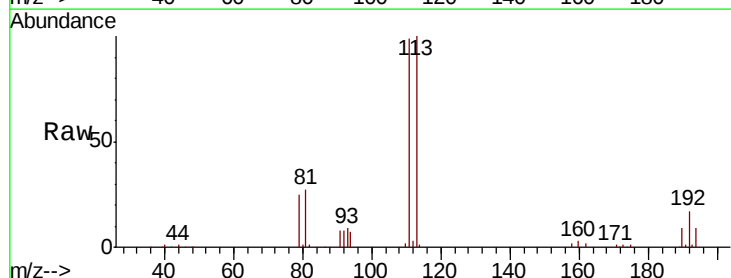
Tgt Ion:113 Resp: 161416

Ion Ratio Lower Upper

113 100

111 103.5 81.0 121.6

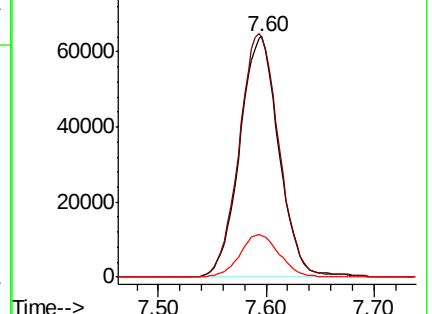
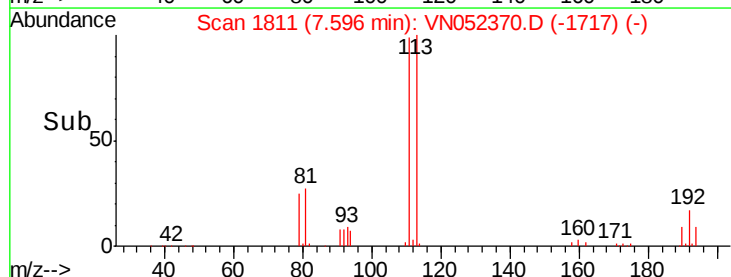
192 17.8 13.8 20.6

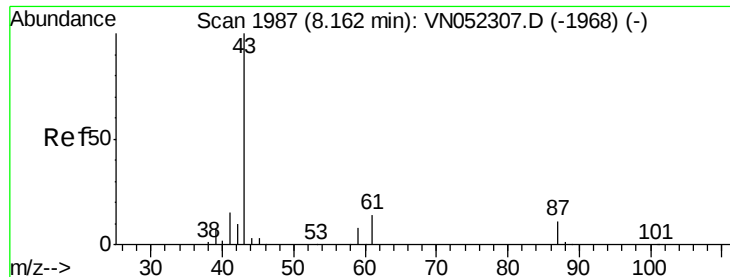


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.873 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052370.D

Acq: 16 Nov 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

CL-01-111418-D

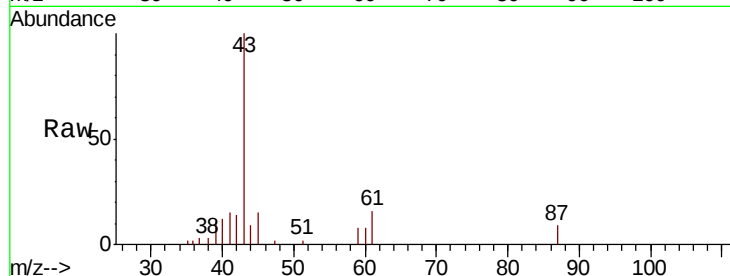
Tot Ion: 43 Resp: 20288

Ion Ratio Lower Upper

43 100

61 14.7 12.0 18.0

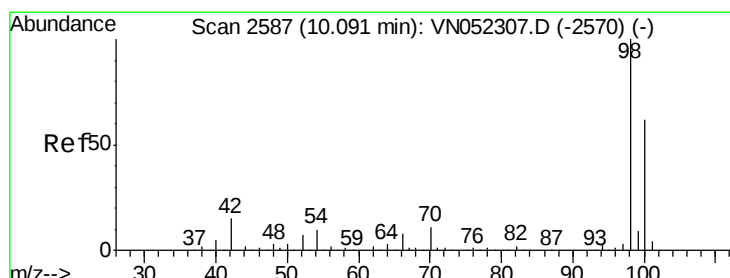
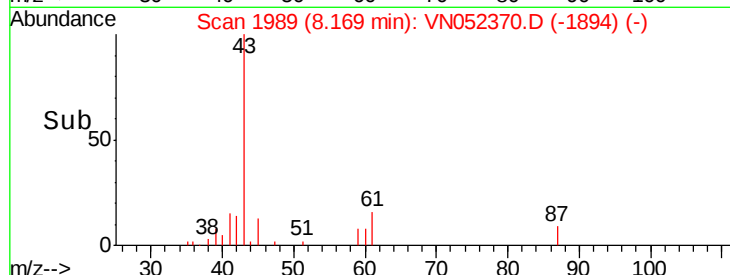
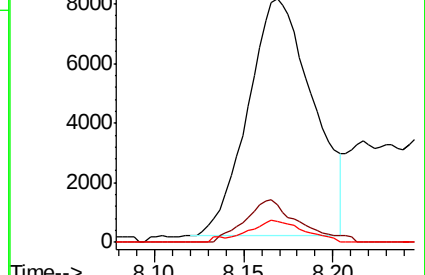
87 8.2 8.3 12.5#



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052307.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052307.D (-1968) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052370.D

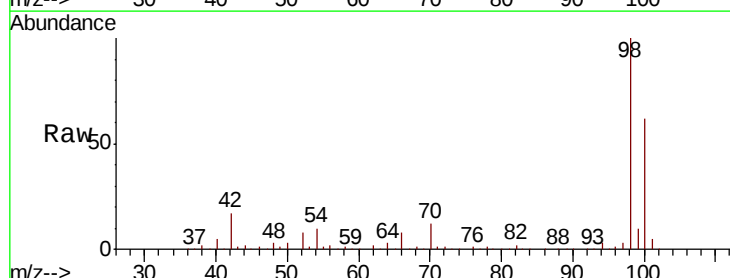
Acq: 16 Nov 2018 17:40

Tgt Ion: 98 Resp: 631659

Ion Ratio Lower Upper

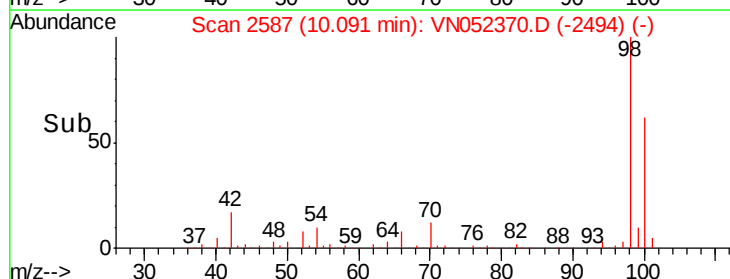
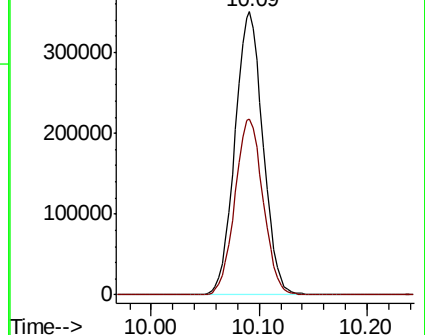
98 100

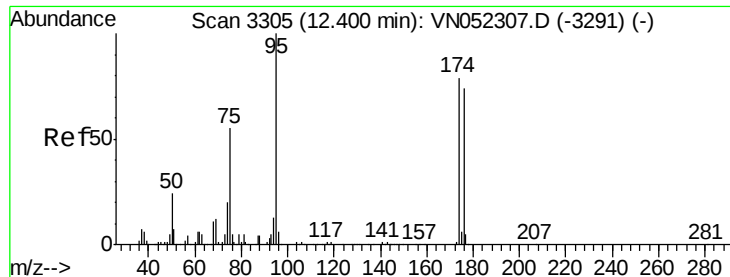
100 62.5 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VN052307.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052307.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052370.D

Acq: 16 Nov 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

CL-01-111418-D

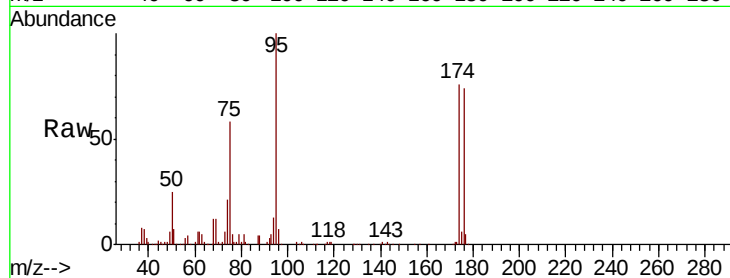
Tot Ion: 95 Resp: 176628

Ion Ratio Lower Upper

95 100

174 75.8 0.0 156.0

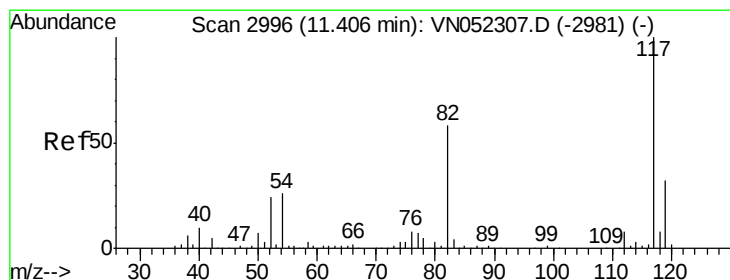
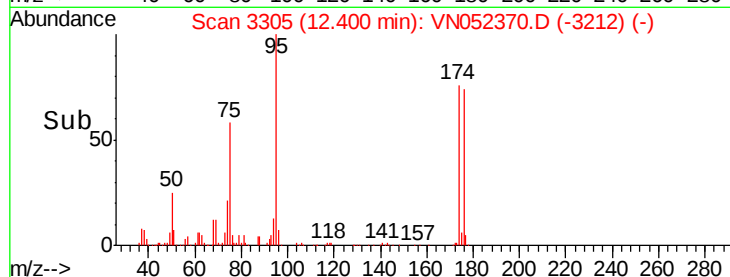
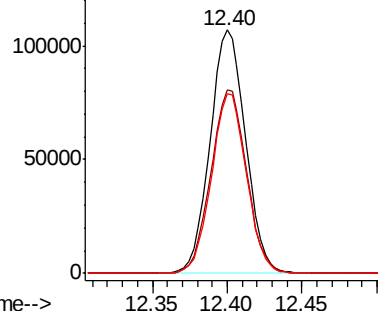
176 72.5 0.0 148.4



Abundance Ion 94.90 (94.60 to 95.60): VN052370.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052370.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052370.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052370.D

Acq: 16 Nov 2018 17:40

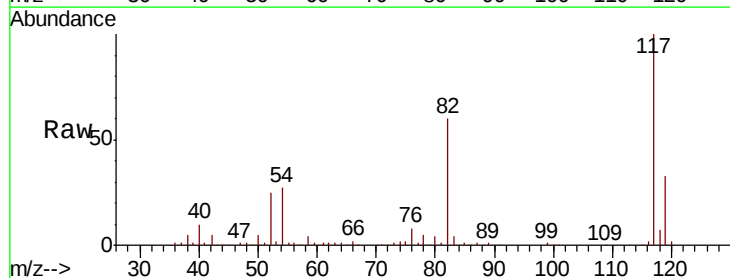
Tgt Ion: 117 Resp: 419953

Ion Ratio Lower Upper

117 100

82 59.5 46.5 69.7

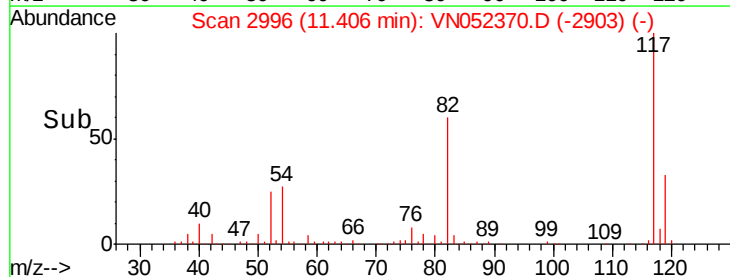
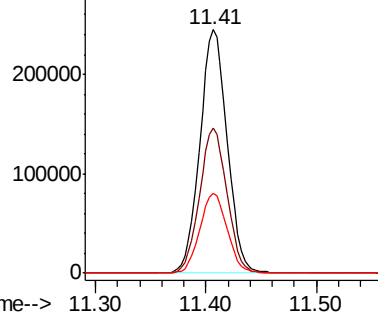
119 32.9 25.7 38.5

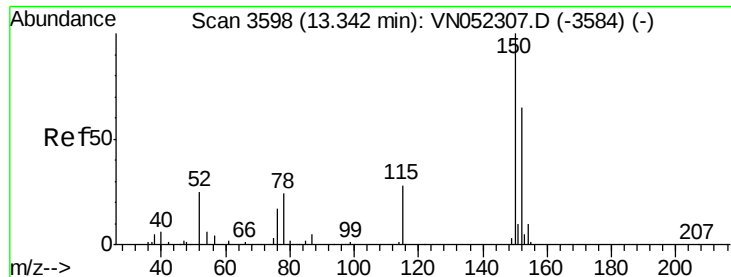


Abundance Ion 116.90 (116.60 to 117.60): VN052370.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN052370.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN052370.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN052370.D

Acq: 16 Nov 2018 17:40

Instrument :

MSVOA_N

ClientSampleId :

CL-01-111418-D

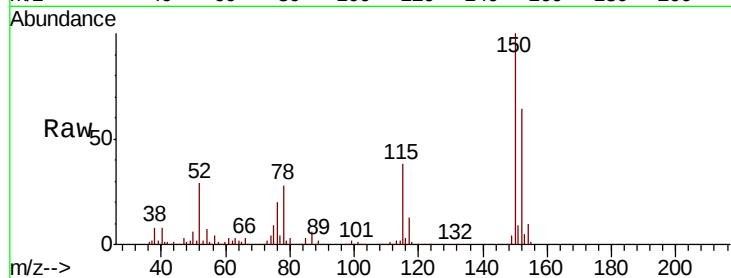
Tot Ion:152 Resp: 134941

Ion Ratio Lower Upper

152 100

115 61.0 30.3 91.0

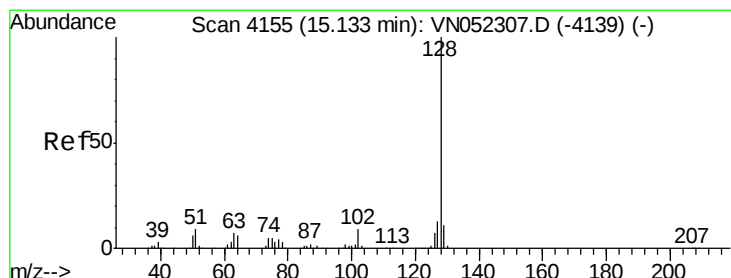
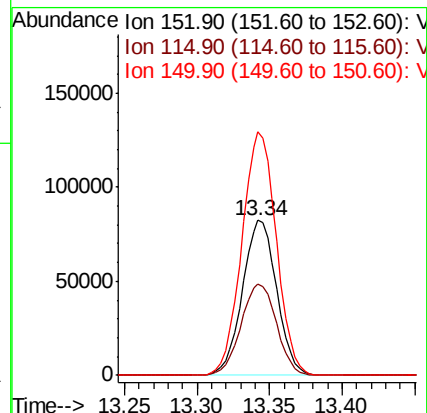
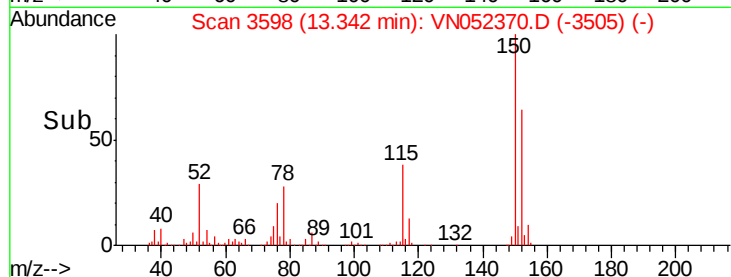
150 158.0 0.0 348.2



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: 3.497 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052370.D

Acq: 16 Nov 2018 17:40

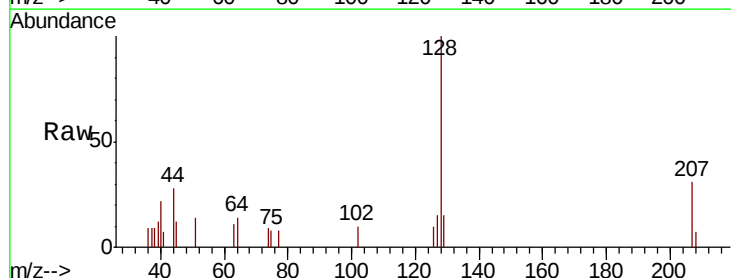
Tgt Ion:128 Resp: 4498

Ion Ratio Lower Upper

128 100

127 12.6 10.4 15.6

129 8.9 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

