

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041519\
 Data File : VN055060.D
 Acq On : 15 Apr 2019 23:05
 Operator : JC/SP
 Sample : K2390-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 5124

Quant Time: Apr 16 07:21:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

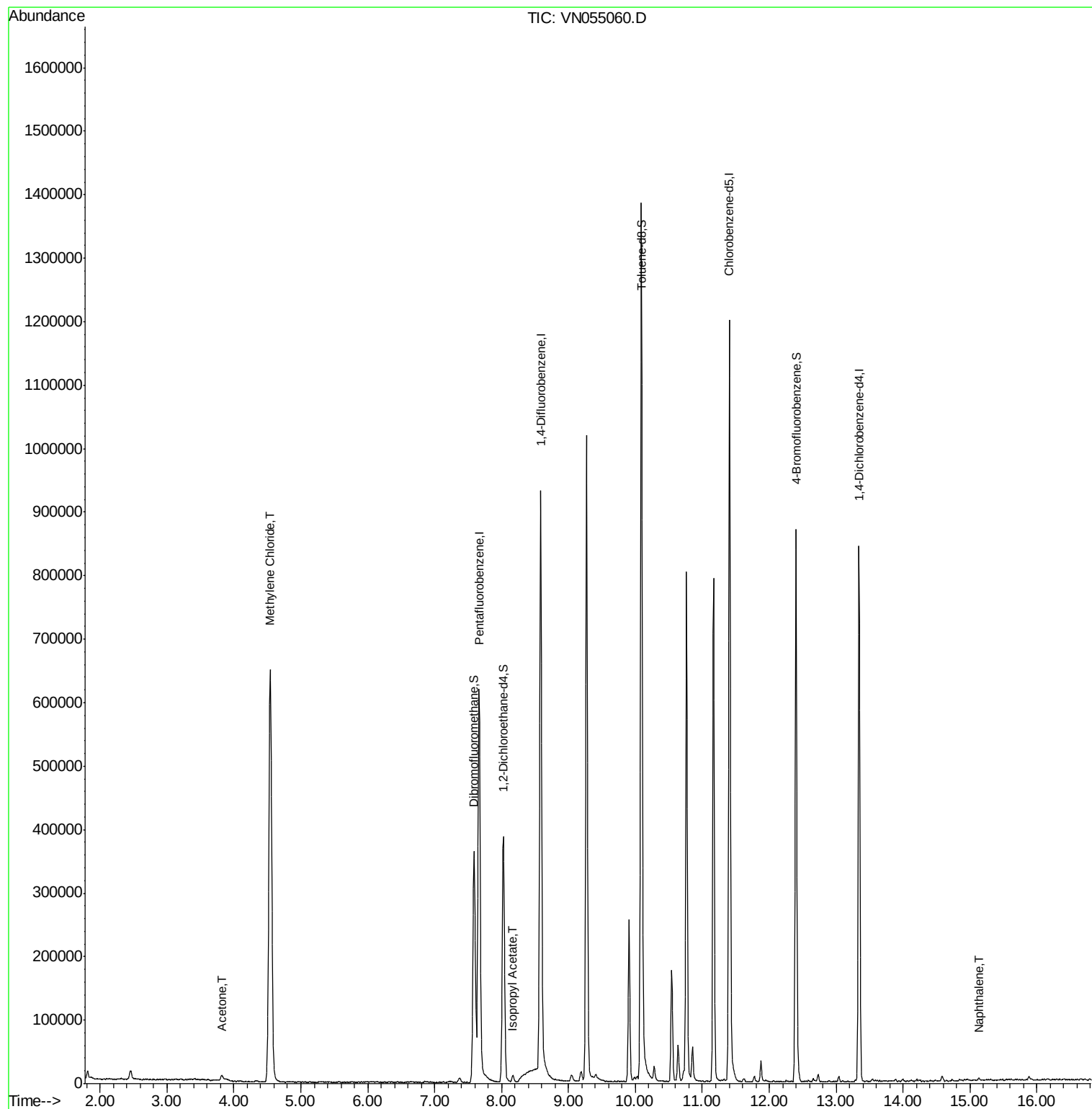
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	522337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	845297	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	715130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	231080	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	335185	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
35) Dibromofluoromethane	7.59	113	272734	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
50) Toluene-d8	10.09	98	1012631	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
62) 4-Bromofluorobenzene	12.40	95	298436	45.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.80%	
Target Compounds						
16) Acetone	3.82	43	11358	6.027	ug/l	97
20) Methylene Chloride	4.54	84	458128	69.155	ug/l	98
43) Isopropyl Acetate	8.17	43	12467	1.247	ug/l #	89
95) Naphthalene	15.13	128	4487	3.588	ug/l #	94

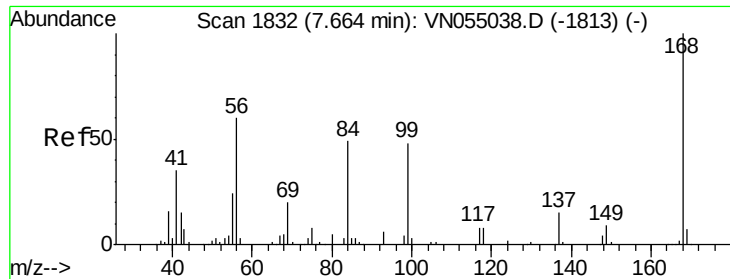
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055060.D

Acq: 15 Apr 2019 23:05

Instrument :

MSVOA_N

ClientSampleId :

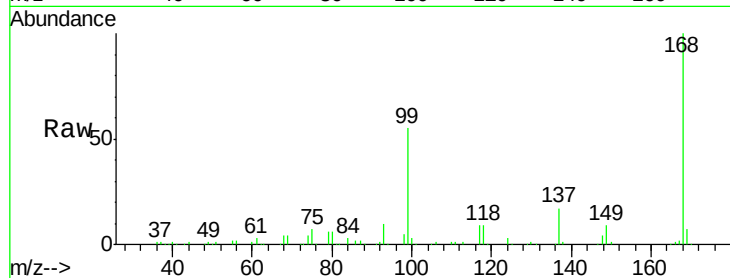
5124

Tot Ion:168 Resp: 522337

Ion Ratio Lower Upper

168 100

99 55.3 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): VN055038.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN055038.D (-1813) (-)

7.66

250000

200000

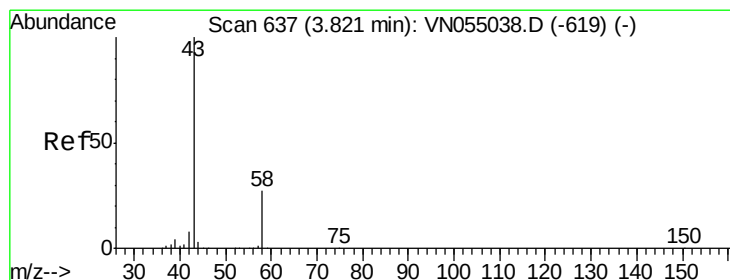
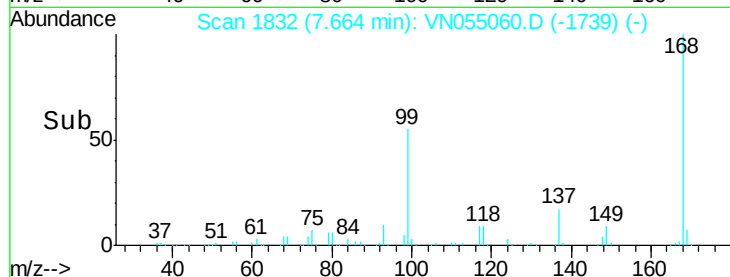
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.027 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055060.D

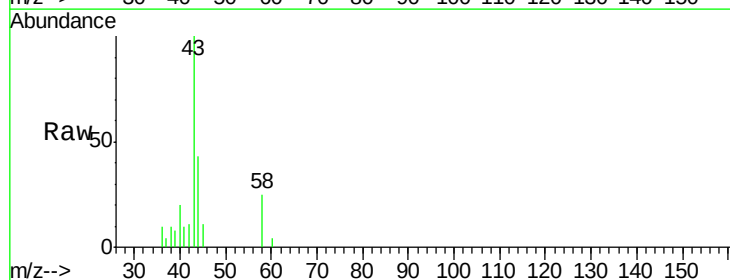
Acq: 15 Apr 2019 23:05

Tgt Ion: 43 Resp: 11358

Ion Ratio Lower Upper

43 100

58 27.7 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VN055038.D (-619) (-)

Ion 58.00 (57.70 to 58.70): VN055038.D (-619) (-)

3.82

5000

4000

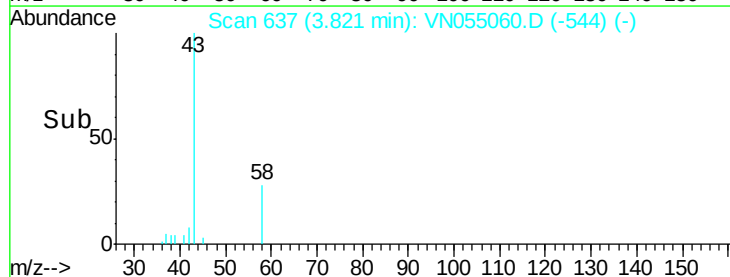
3000

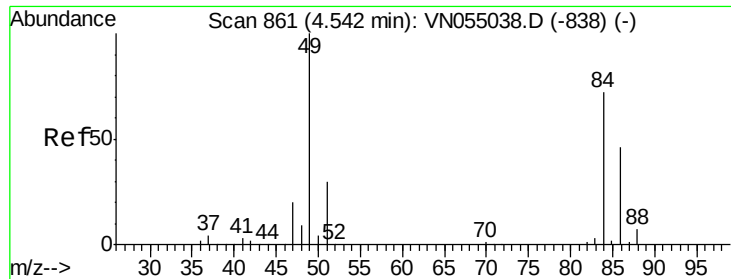
2000

1000

0

Time-->

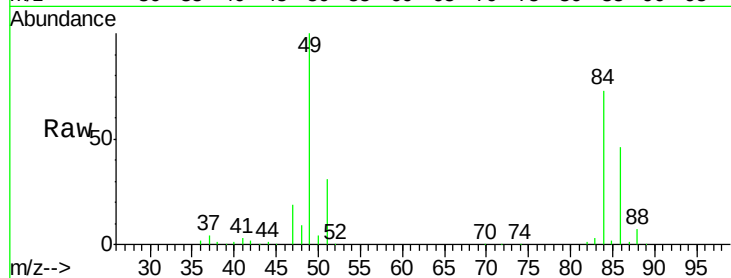




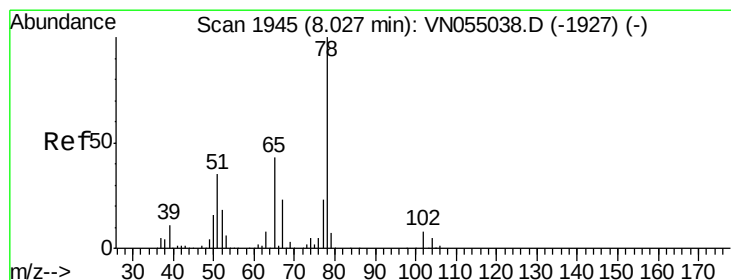
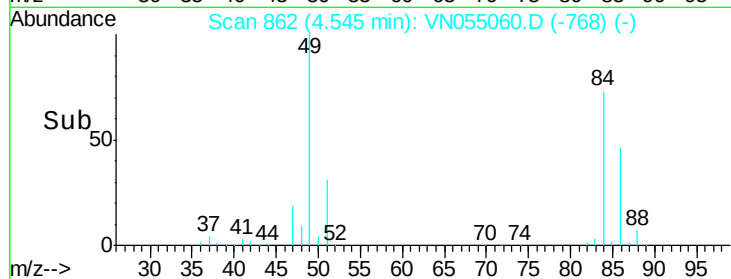
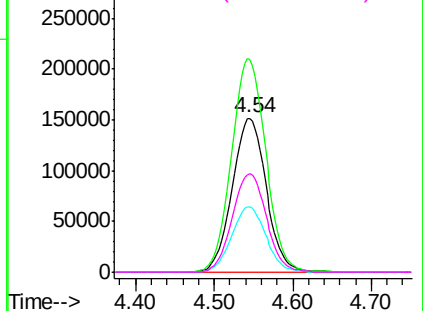
#20
Methvlene Chloride
Concen: 69.155 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN055060.D
Acq: 15 Apr 2019 23:05

Instrument :
MSVOA_N
ClientSampled :
5124

Tot Ion: 84 Resp: 458128
Ion Ratio Lower Upper
84 100
49 137.5 109.4 164.2
51 42.5 32.2 48.4
86 63.8 49.3 73.9

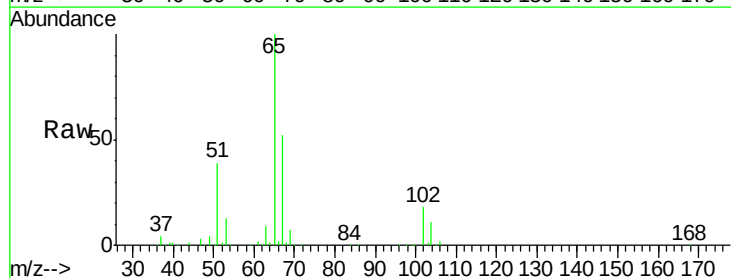


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

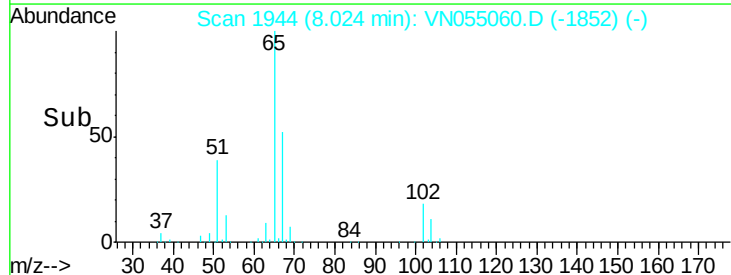
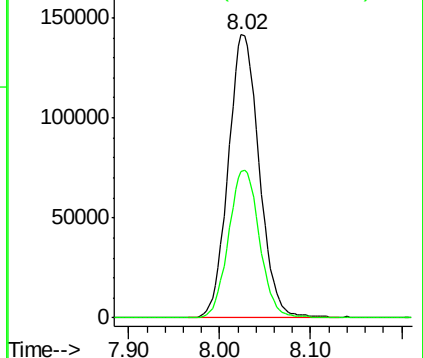


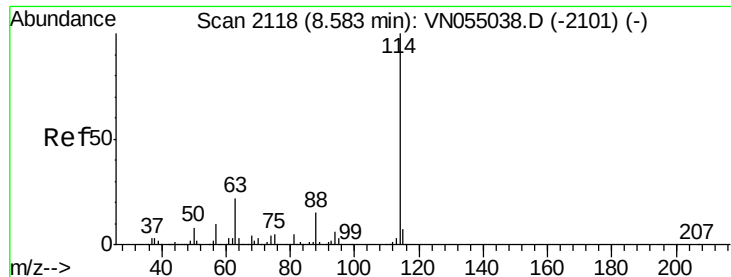
#33
1,2-Dichloroethane-d4
Concen: 48.276 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN055060.D
Acq: 15 Apr 2019 23:05

Tgt Ion: 65 Resp: 335185
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.4



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN055060.D

Acq: 15 Apr 2019 23:05

Instrument :

MSVOA_N

ClientSampleId :

5124

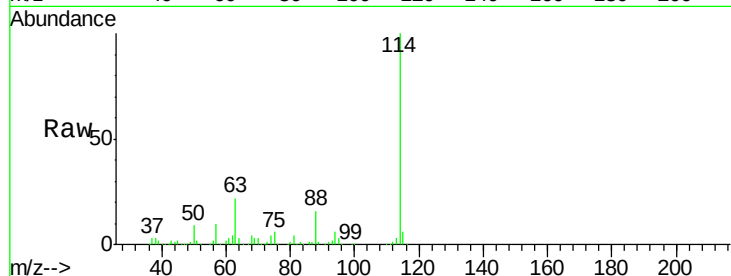
Tot Ion:114 Resp: 845297

Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.2

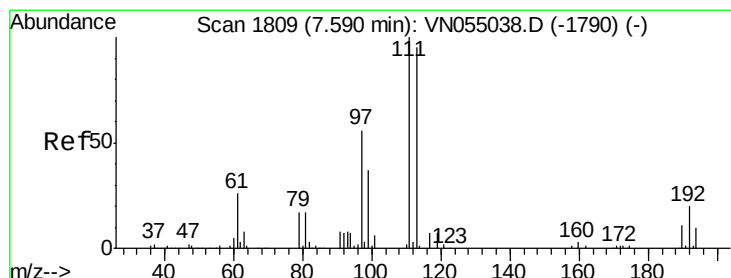
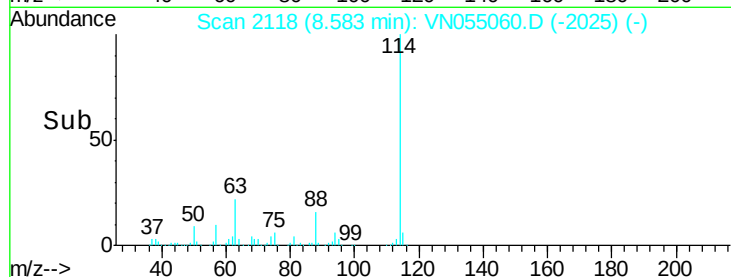
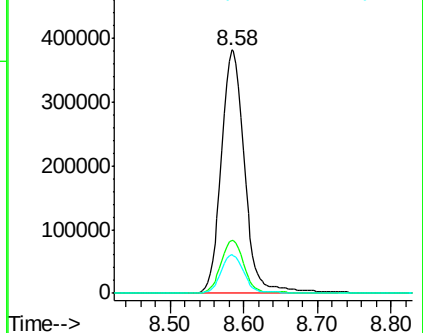
88 16.1 0.0 31.8



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: 48.278 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055060.D

Acq: 15 Apr 2019 23:05

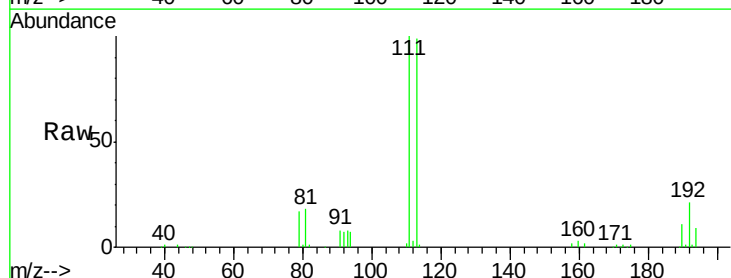
Tgt Ion:113 Resp: 272734

Ion Ratio Lower Upper

113 100

111 101.2 82.1 123.1

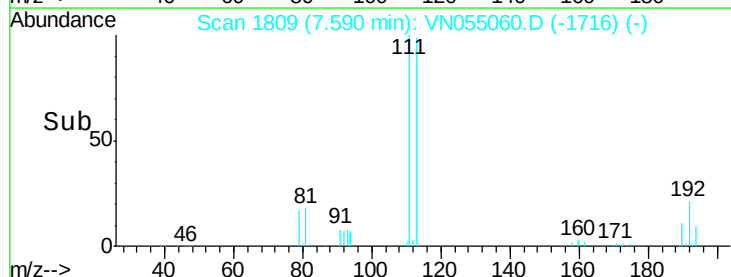
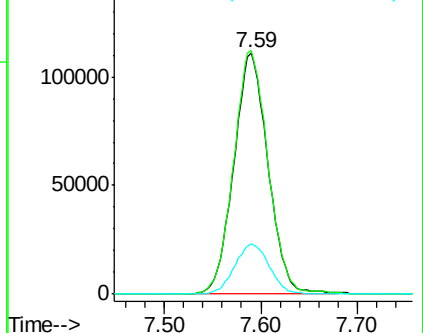
192 20.9 16.5 24.7

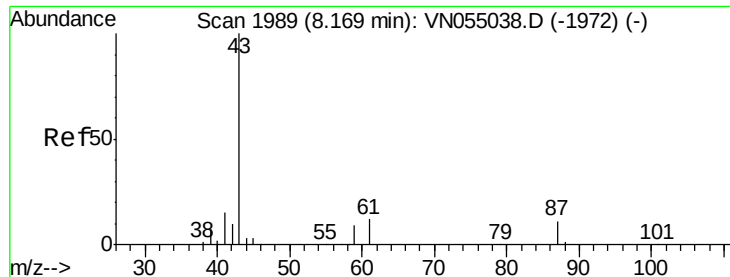


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.247 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN055060.D

Acq: 15 Apr 2019 23:05

Instrument :

MSVOA_N

ClientSampleId :

5124

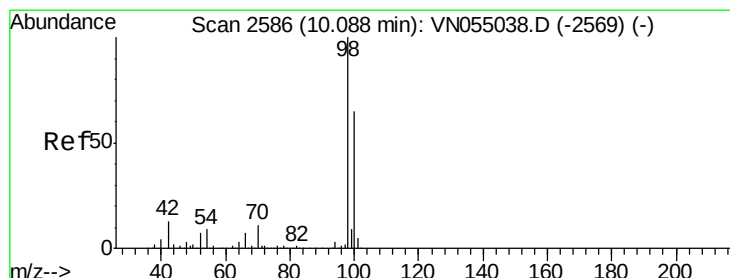
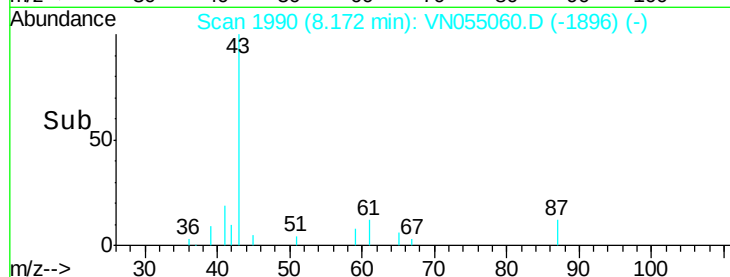
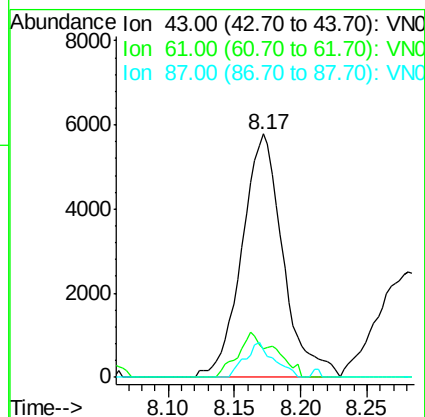
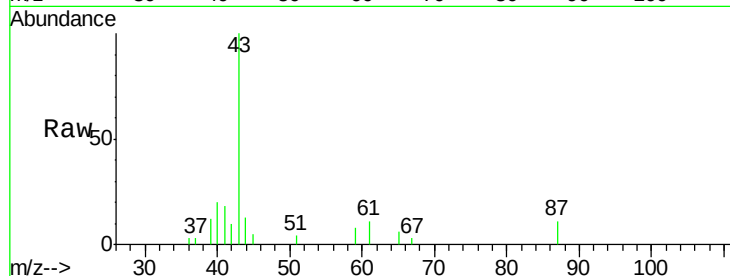
Tot Ion: 43 Resp: 12467

Ion Ratio Lower Upper

43 100

61 10.5 14.3 21.5#

87 9.9 8.6 13.0



#50

Toluene-d8

Concen: 50.083 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN055060.D

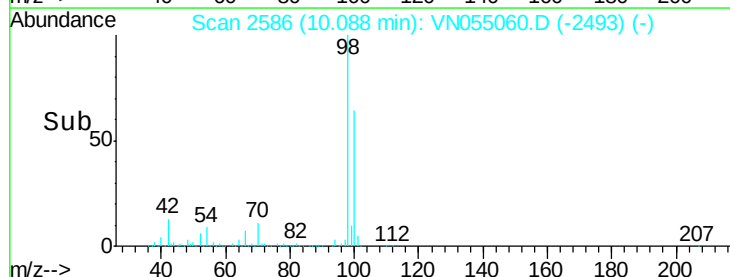
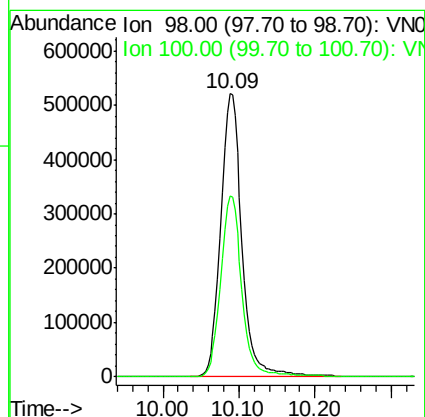
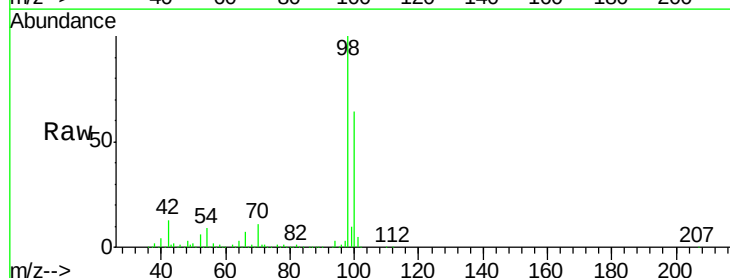
Acq: 15 Apr 2019 23:05

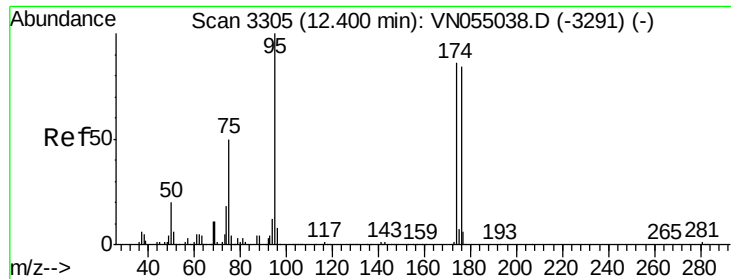
Tgt Ion: 98 Resp: 1012631

Ion Ratio Lower Upper

98 100

100 63.6 51.1 76.7





#62

4-Bromofluorobenzene

Concen: 45.403 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055060.D

Acq: 15 Apr 2019 23:05

Instrument :

MSVOA_N

ClientSampleId :

5124

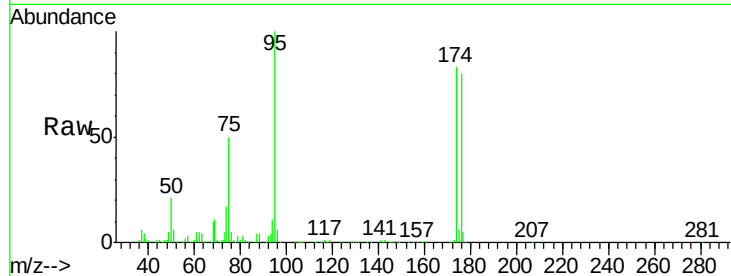
Tot Ion: 95 Resp: 298436

Ion Ratio Lower Upper

95 100

174 84.3 0.0 174.4

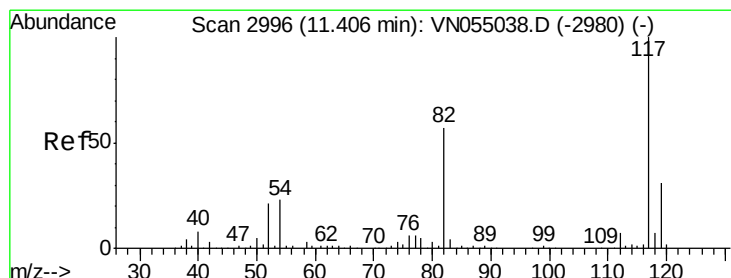
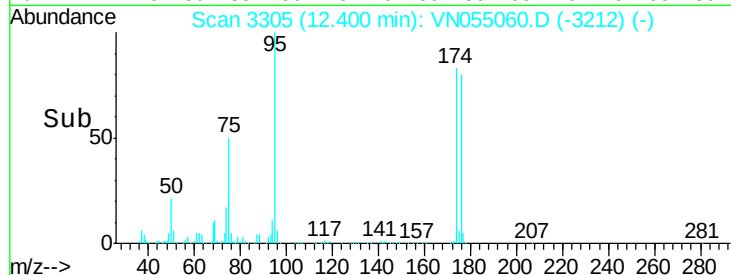
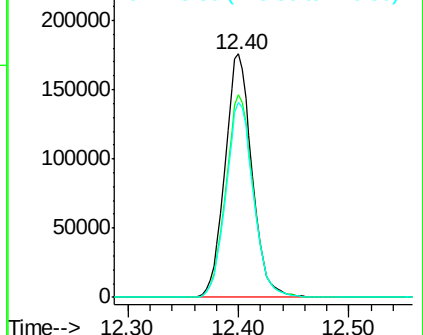
176 81.6 0.0 166.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055060.D

Acq: 15 Apr 2019 23:05

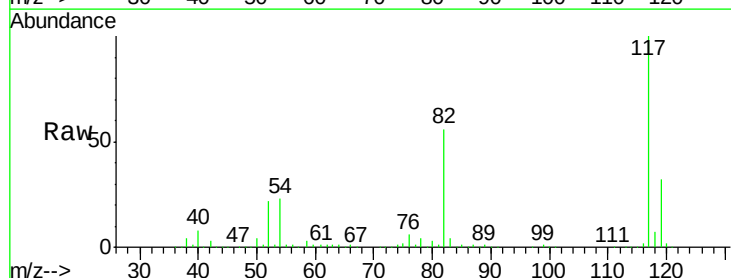
Tgt Ion: 117 Resp: 715130

Ion Ratio Lower Upper

117 100

82 56.1 44.6 66.8

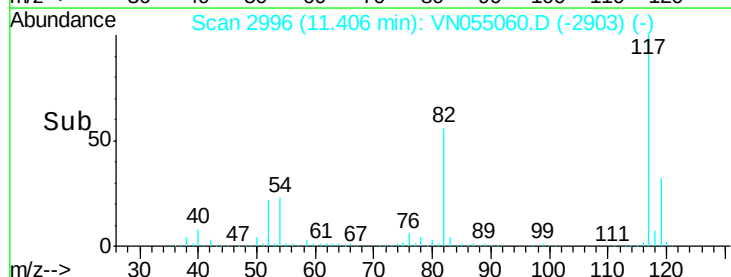
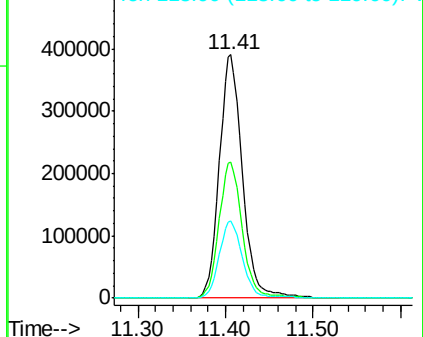
119 31.9 25.5 38.3

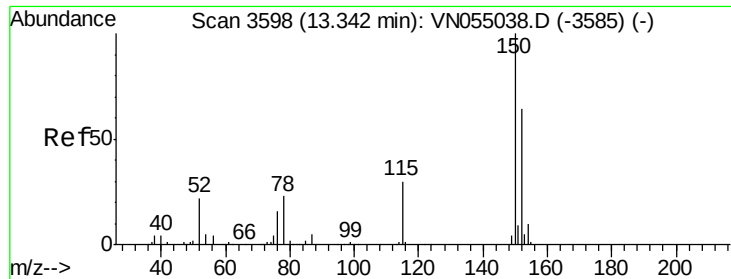


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055060.D

Acq: 15 Apr 2019 23:05

Instrument :

MSVOA_N

ClientSampled :

5124

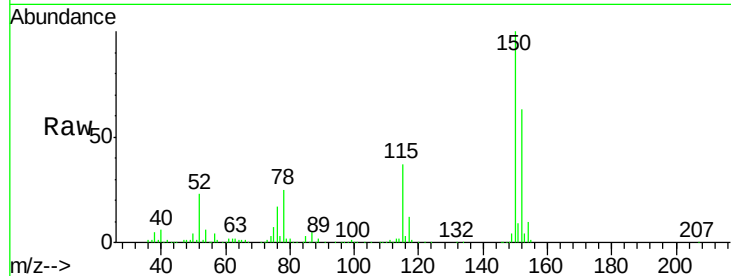
Tot Ion:152 Resp: 231080

Ion Ratio Lower Upper

152 100

115 57.9 28.5 85.6

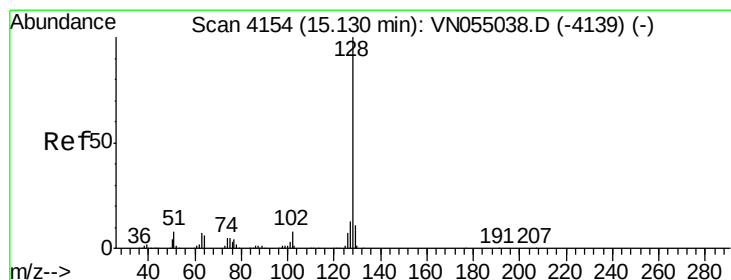
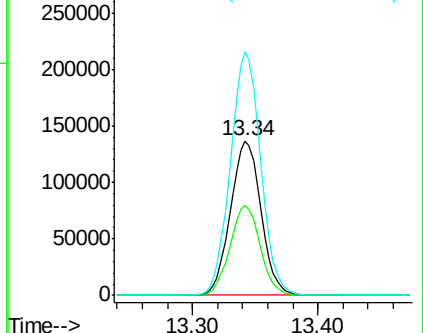
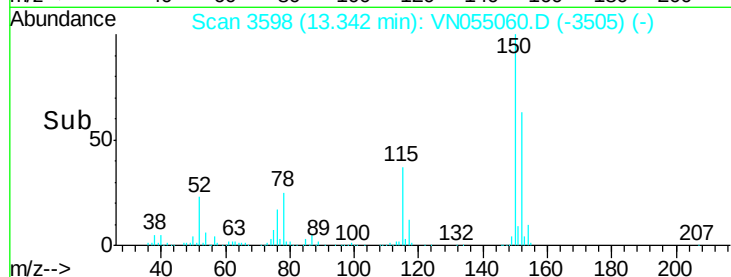
150 156.6 0.0 347.2



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: 3.588 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055060.D

Acq: 15 Apr 2019 23:05

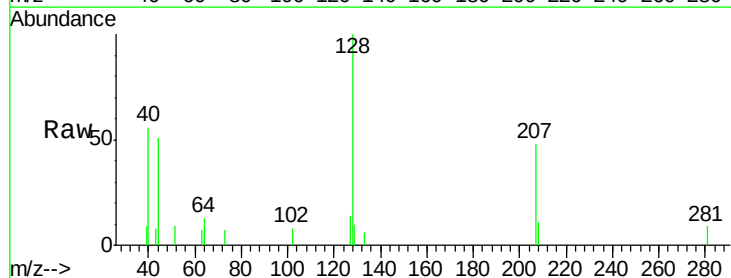
Tgt Ion:128 Resp: 4487

Ion Ratio Lower Upper

128 100

127 15.4 10.1 15.1#

129 8.8 8.8 13.2



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

