

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041919\
 Data File : VN055166.D
 Acq On : 20 Apr 2019 3:10
 Operator : JC/SP
 Sample : K2283-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30134-39

Quant Time: Apr 20 05:57:28 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

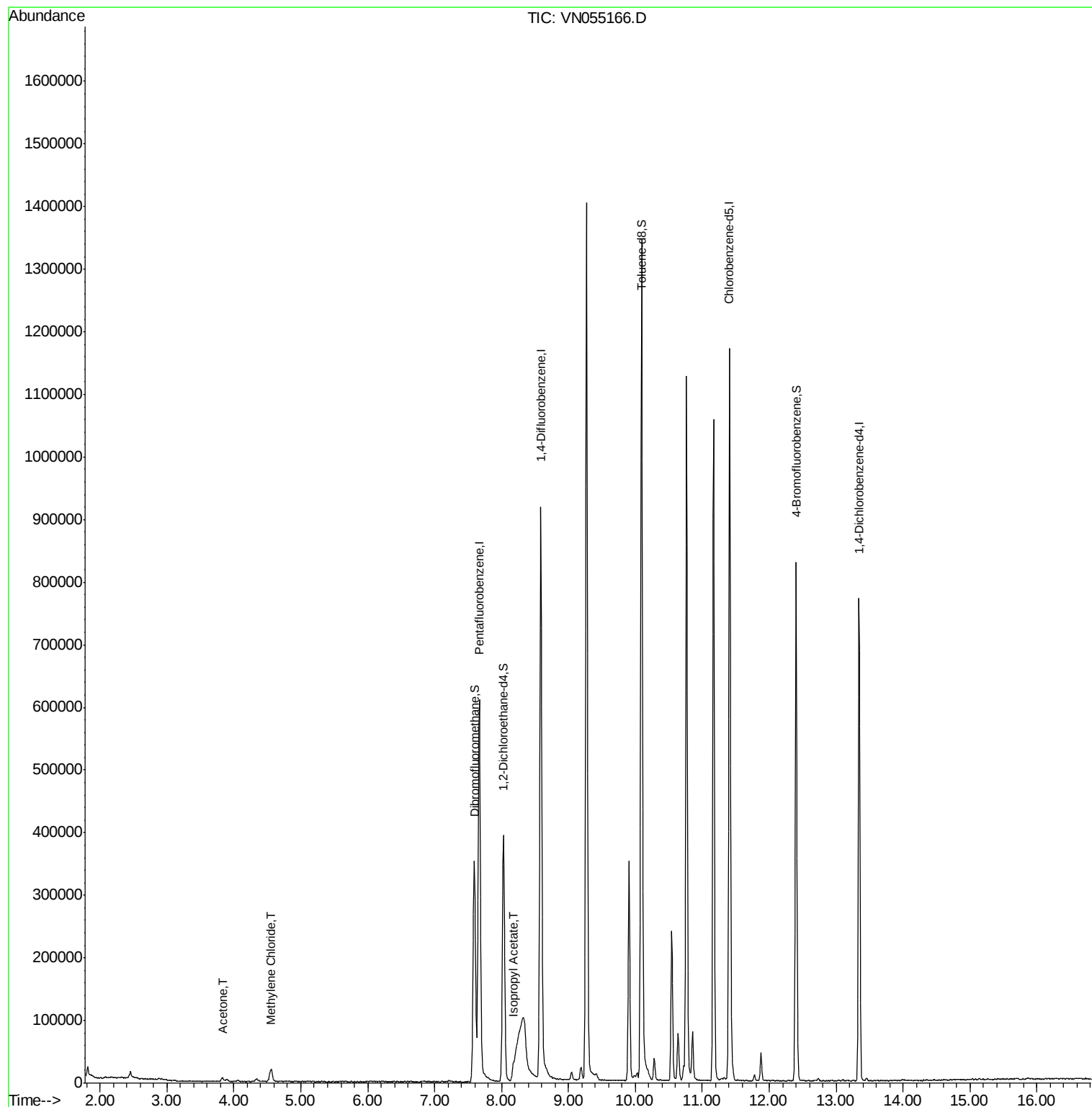
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	527586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	848471	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	681530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	206572	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	336675	48.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.02%	
35) Dibromofluoromethane	7.59	113	266611	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.04%	
50) Toluene-d8	10.09	98	994230	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
62) 4-Bromofluorobenzene	12.40	95	282835	42.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.74%	
Target Compounds						
16) Acetone	3.83	43	9135	4.799	ug/l #	82
20) Methylene Chloride	4.55	84	13322	1.991	ug/l	96
43) Isopropyl Acetate	8.18	43	25404	2.532	ug/l #	92

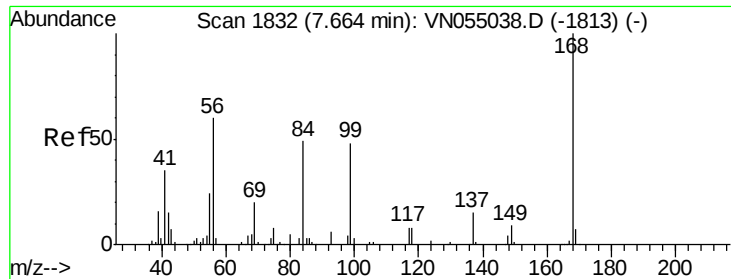
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041919\
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Quant Title : SW846 8260
QLast Update : Mon Apr 15 12:28:28 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055166.D

Acq: 20 Apr 2019 3:10

Instrument :

MSVOA_N

ClientSampleId :

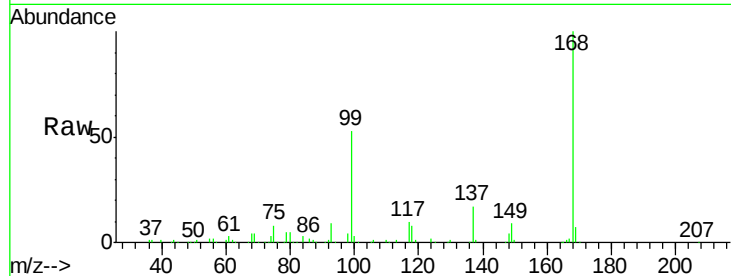
30134-39

Tot Ion:168 Resp: 527586

Ion Ratio Lower Upper

168 100

99 53.2 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): VN055166.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN055166.D (-1739) (-)

7.67

250000

200000

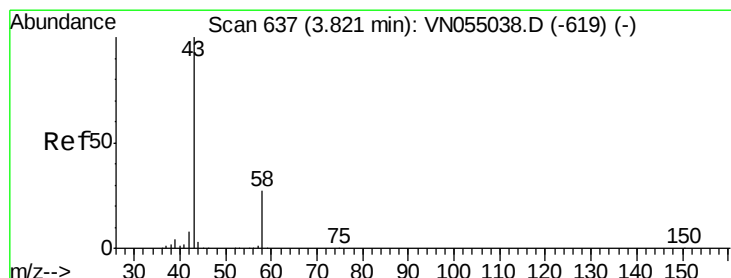
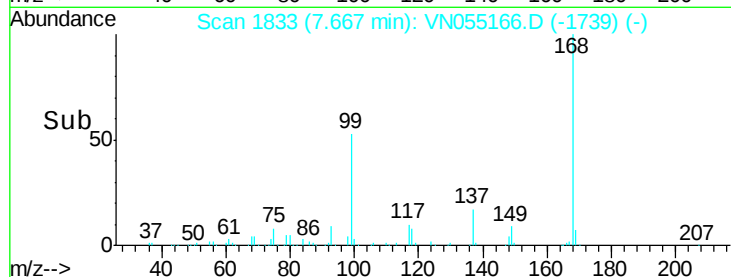
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.799 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN055166.D

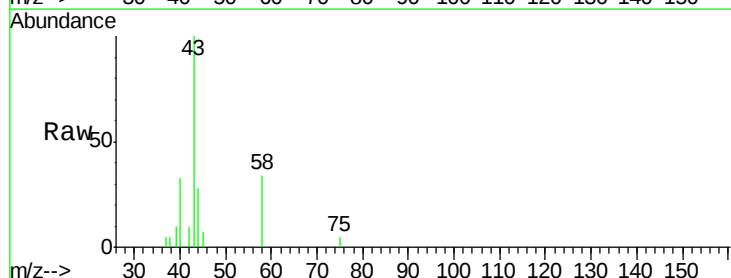
Acq: 20 Apr 2019 3:10

Tgt Ion: 43 Resp: 9135

Ion Ratio Lower Upper

43 100

58 35.4 20.9 31.3#



Abundance Ion 43.00 (42.70 to 43.70): VN055166.D (-544) (-)

Ion 58.00 (57.70 to 58.70): VN055166.D (-544) (-)

3.83

4000

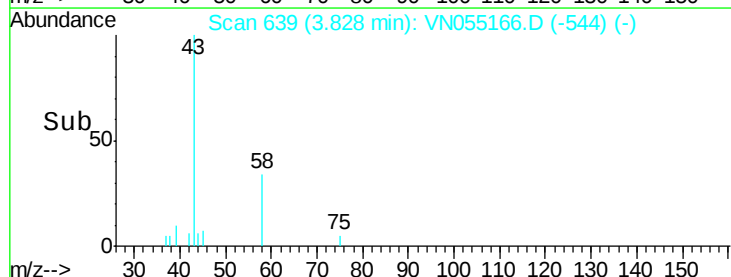
3000

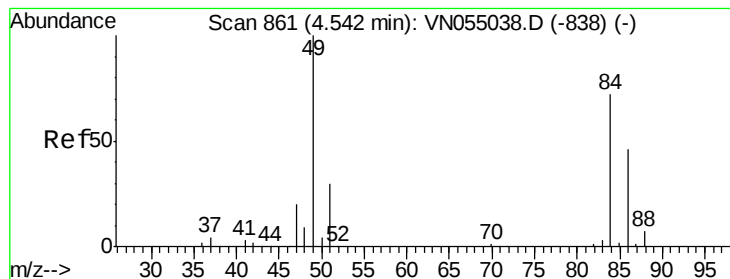
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 1.991 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.01 min

Lab File: VN055166.D

Acq: 20 Apr 2019 3:10

Instrument :

MSVOA_N

ClientSampleId :

30134-39

Tot Ion: 84 Resp: 13322

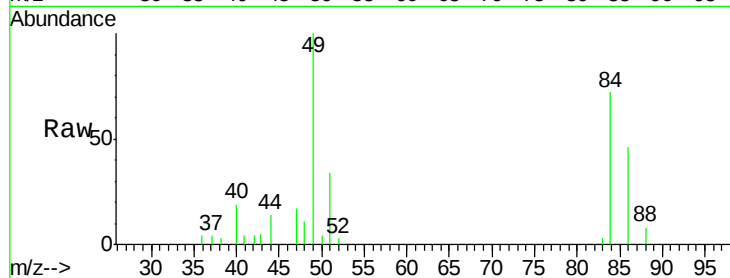
Ion Ratio Lower Upper

84 100

49 139.5 109.4 164.2

51 46.9 32.2 48.4

86 64.0 49.3 73.9

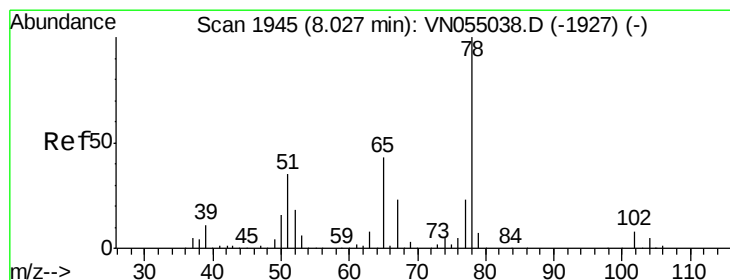
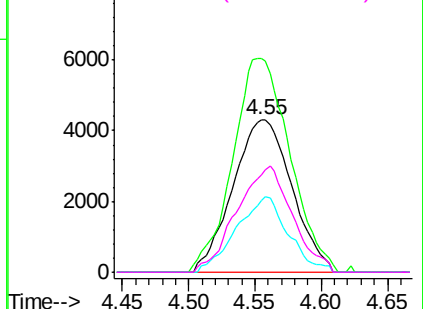
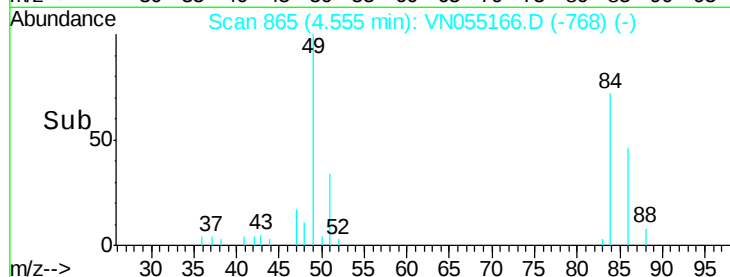


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 48.008 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055166.D

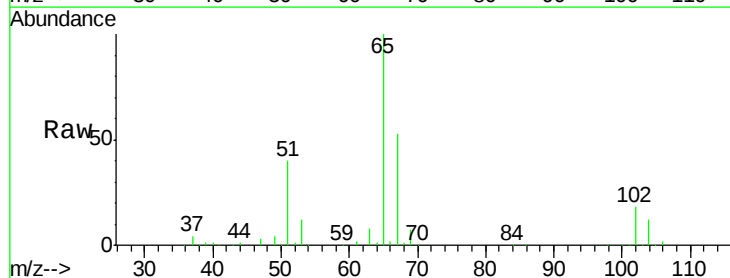
Acq: 20 Apr 2019 3:10

Tgt Ion: 65 Resp: 336675

Ion Ratio Lower Upper

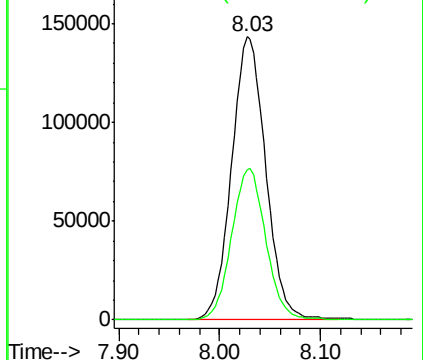
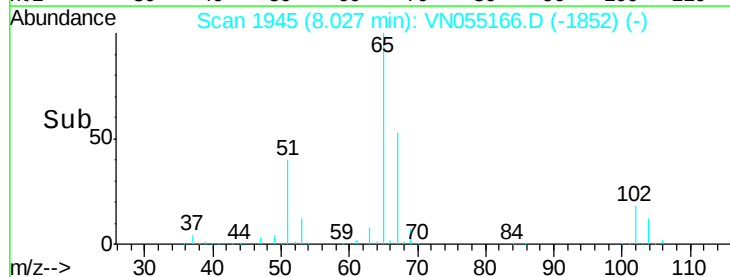
65 100

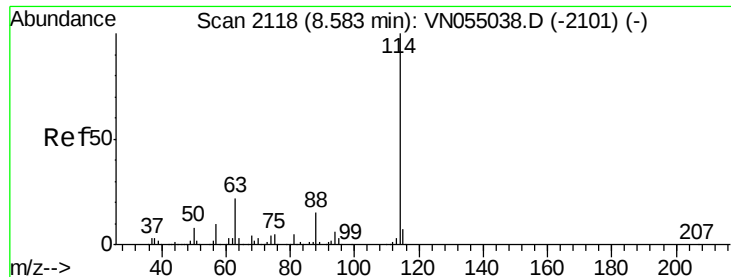
67 53.2 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

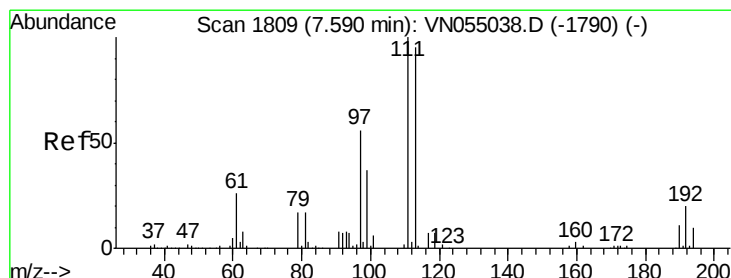
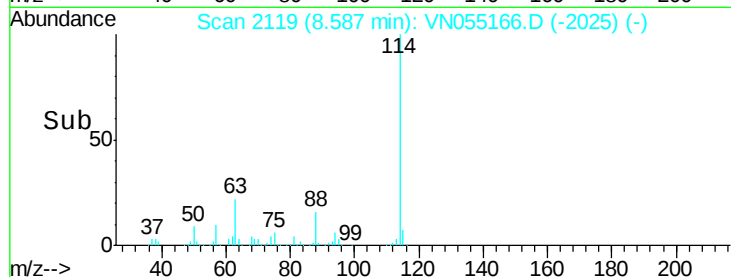
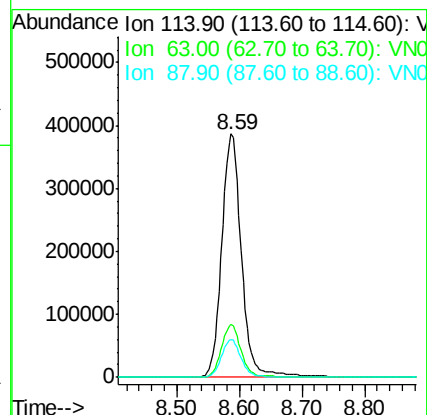
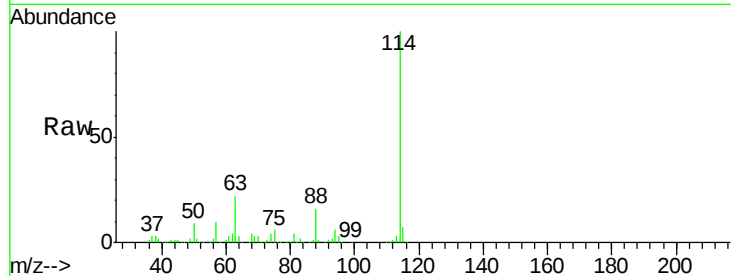




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055166.D
 Acq: 20 Apr 2019 3:10

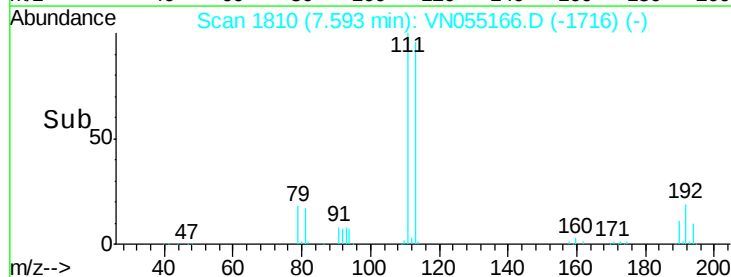
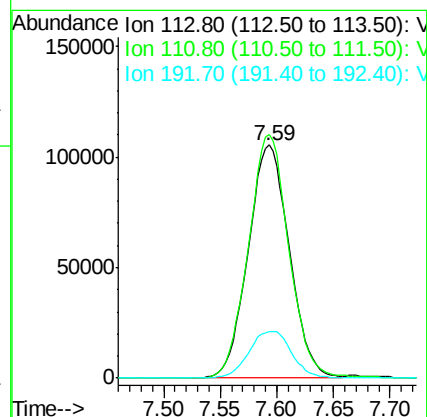
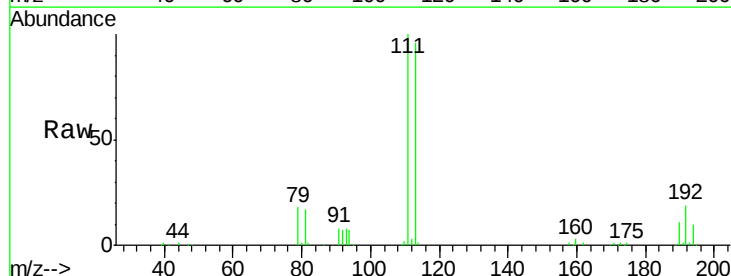
Instrument :
 MSVOA_N
 ClientSampled :
 30134-39

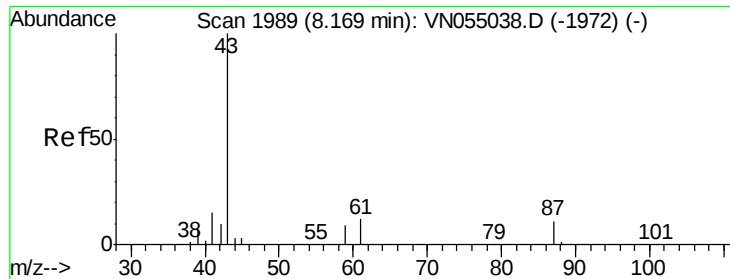
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	45.2
88	15.6	0.0	31.8



#35
 Dibromofluoromethane
 Concen: 47.018 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055166.D
 Acq: 20 Apr 2019 3:10

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.1	123.1
192	20.9	16.5	24.7





#43

Isopropyl Acetate

Concen: 2.532 ug/l

RT: 8.18 min Scan# 1992

Delta R.T. 0.01 min

Lab File: VN055166.D

Acq: 20 Apr 2019 3:10

Instrument :

MSVOA_N

ClientSampleId :

30134-39

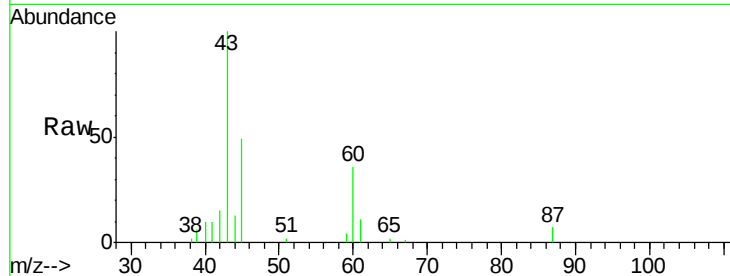
Tot Ion: 43 Resp: 25404

Ion Ratio Lower Upper

43 100

61 14.5 14.3 21.5

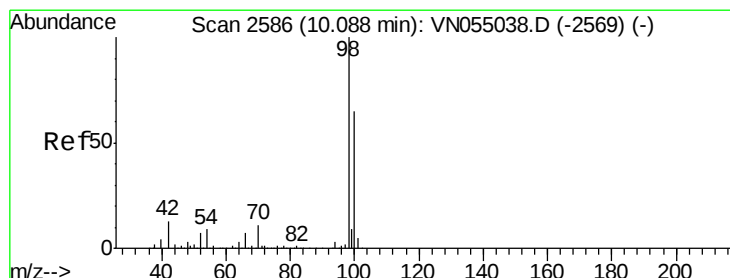
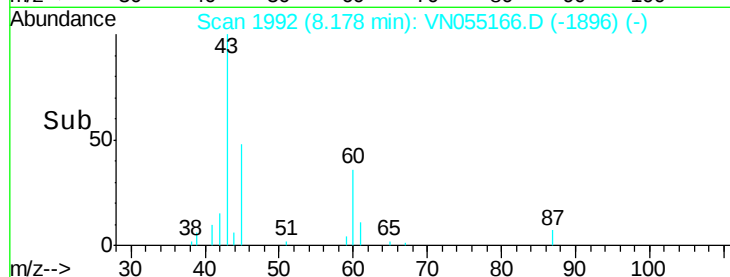
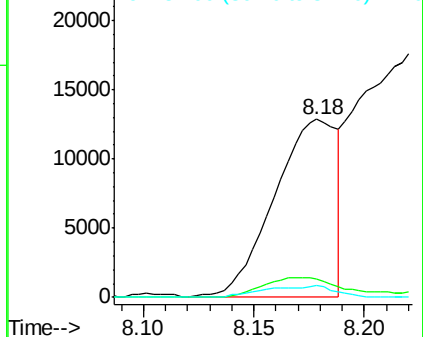
87 7.3 8.6 13.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 48.989 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055166.D

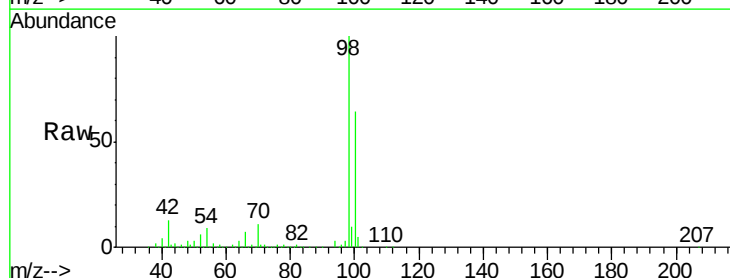
Acq: 20 Apr 2019 3:10

Tgt Ion: 98 Resp: 994230

Ion Ratio Lower Upper

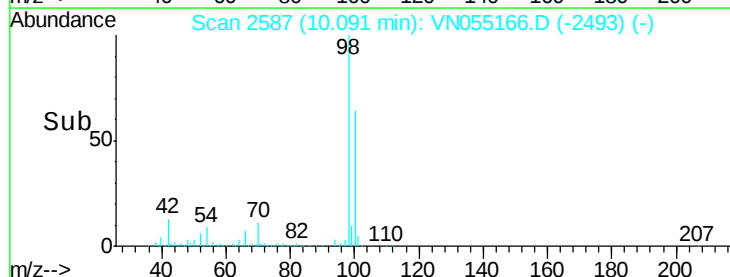
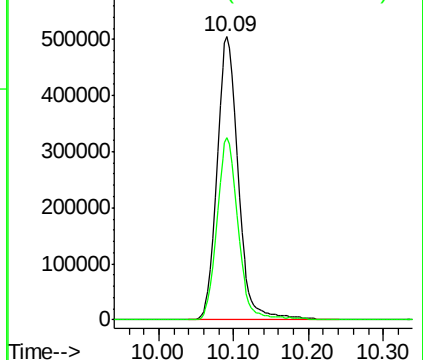
98 100

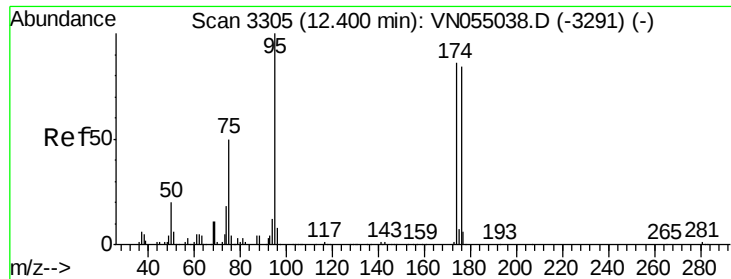
100 64.2 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 42.868 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055166.D

Acq: 20 Apr 2019 3:10

Instrument :

MSVOA_N

ClientSampleId :

30134-39

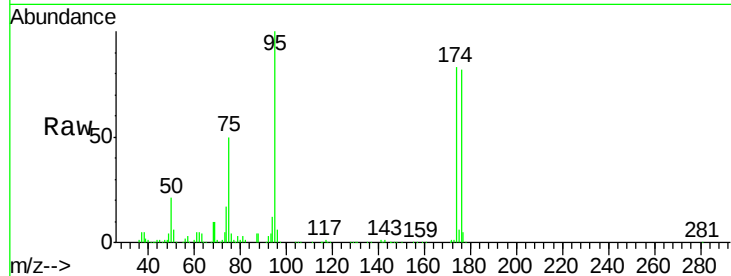
Tot Ion: 95 Resp: 282835

Ion Ratio Lower Upper

95 100

174 84.9 0.0 174.4

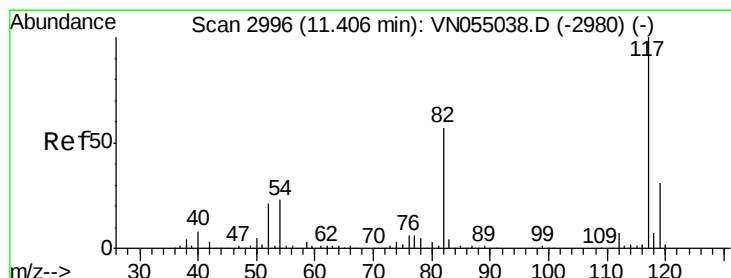
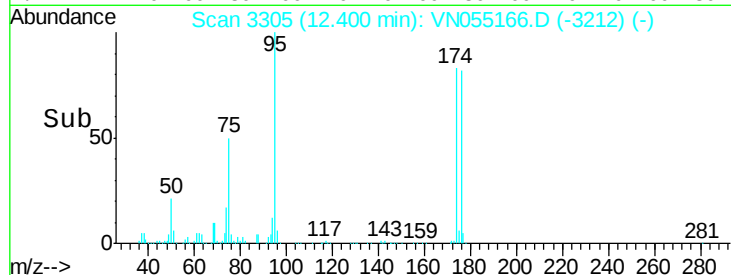
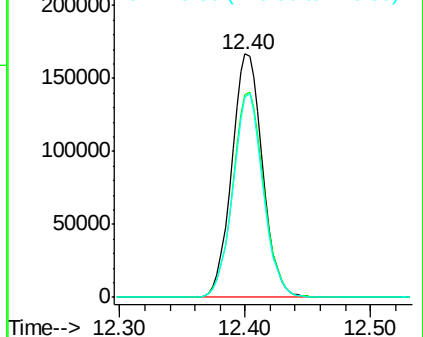
176 82.3 0.0 166.8



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: VN055166.D

Acq: 20 Apr 2019 3:10

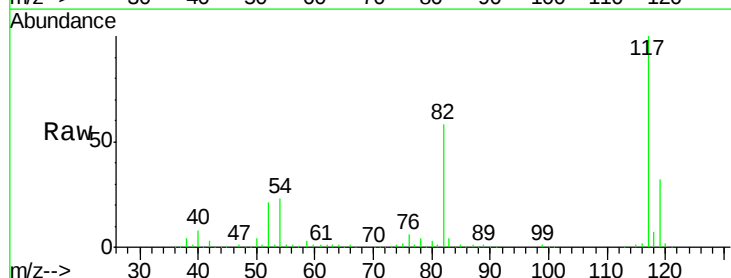
Tgt Ion: 117 Resp: 681530

Ion Ratio Lower Upper

117 100

82 57.6 44.6 66.8

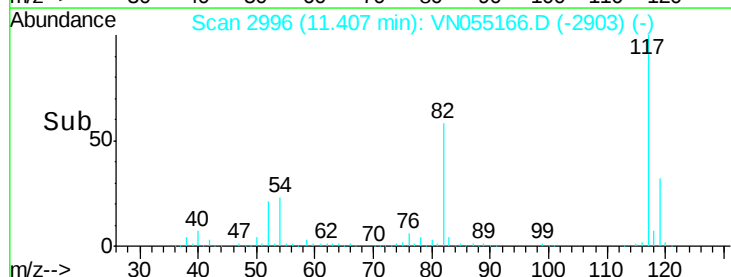
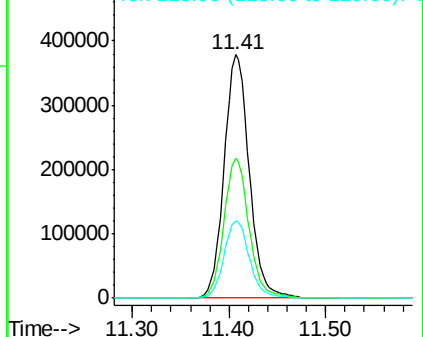
119 32.0 25.5 38.3

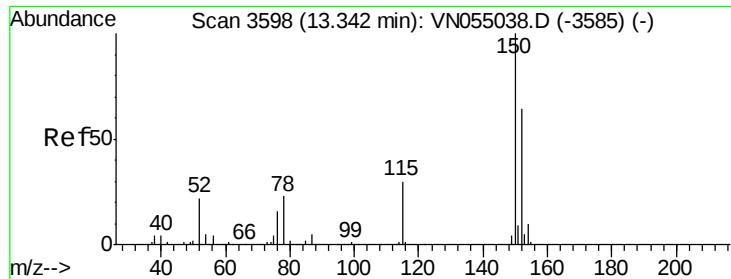


Abundance Ion 116.90 (116.60 to 117.60): VN0

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: VN055166.D

Acq: 20 Apr 2019 3:10

Instrument :

MSVOA_N

ClientSampleId :

30134-39

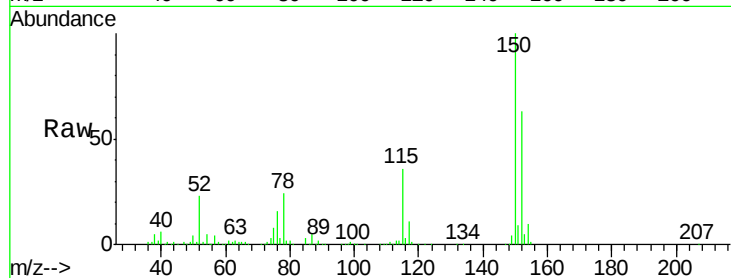
Tot Ion:152 Resp: 206572

Ion Ratio Lower Upper

152 100

115 57.3 28.5 85.6

150 159.0 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

