

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021519\
 Data File : VN053802.D
 Acq On : 15 Feb 2019 16:11
 Operator : JC/SP
 Sample : K1502-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RO-1-4

Quant Time: Feb 16 00:03:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

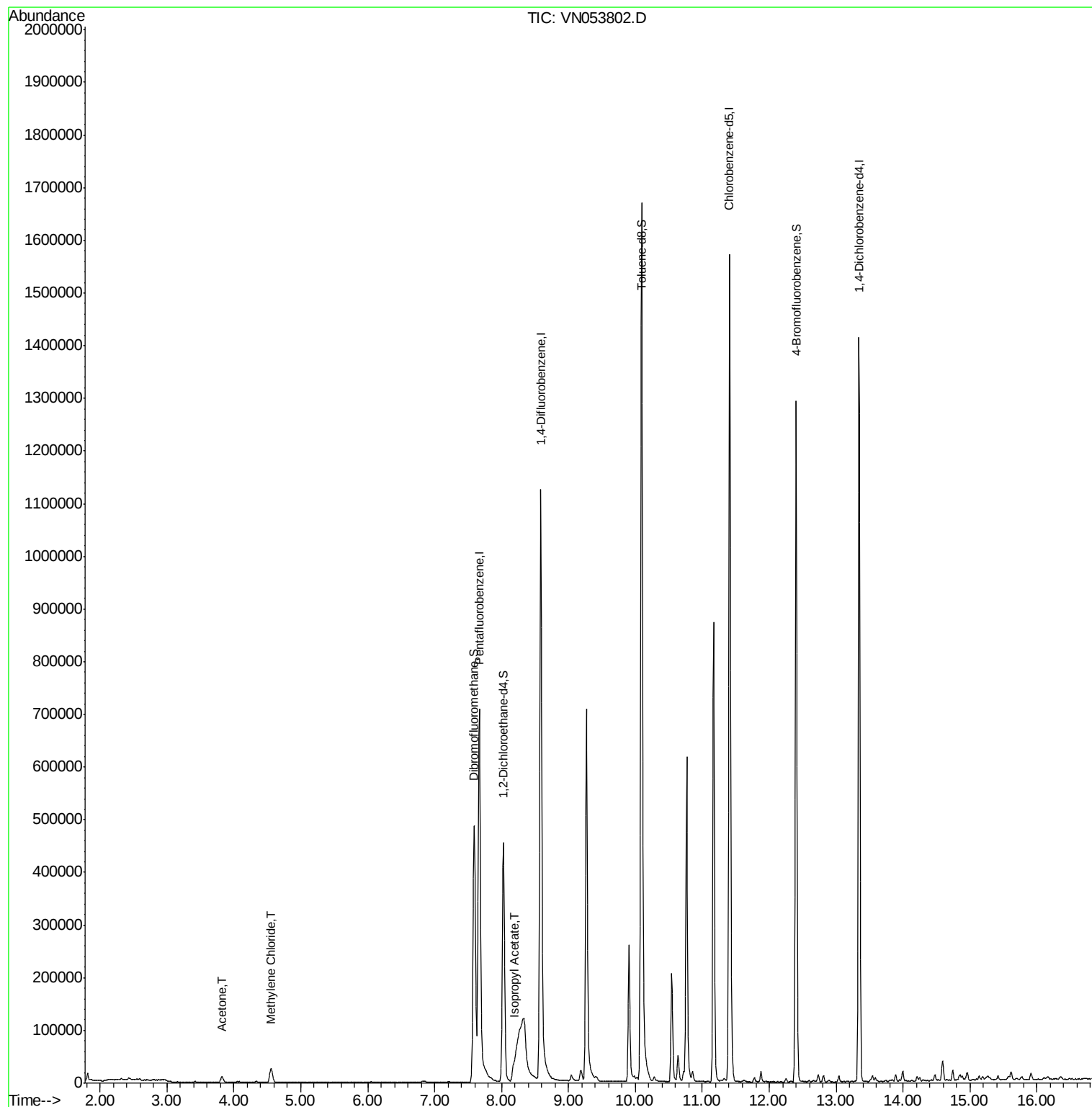
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	719876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1174313	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1057129	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	421360	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	382504	52.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.94%	
35) Dibromofluoromethane	7.59	113	385811	52.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.00%	
50) Toluene-d8	10.09	98	1378672	49.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.96%	
62) 4-Bromofluorobenzene	12.40	95	455058	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
Target Compounds						
16) Acetone	3.82	43	20916	11.291	ug/l	92
20) Methylene Chloride	4.55	84	20670	2.660	ug/l	95
43) Isopropyl Acetate	8.18	43	23219	2.034	ug/l #	85

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021519\
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RO-1-4

Quant Time: Feb 16 00:03:21 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 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: VN053802.D

Acq: 15 Feb 2019 16:11

Instrument :

MSVOA_N

ClientSampled :

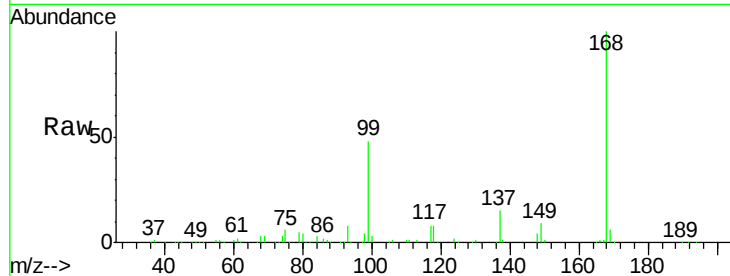
RO-1-4

Tot Ion:168 Resp: 719876

Ion Ratio Lower Upper

168 100

99 47.5 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053802.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053802.D (-1740) (-)

7.67

250000

200000

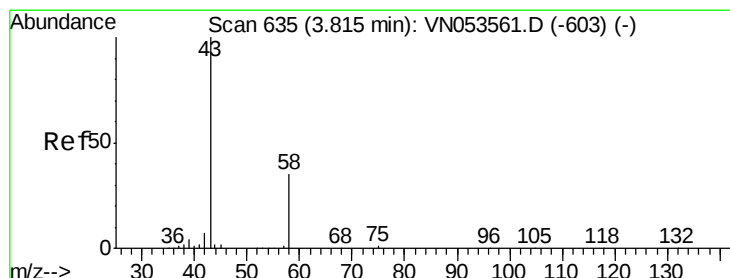
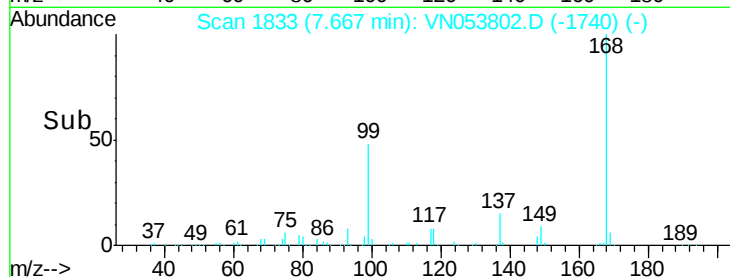
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 11.291 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053802.D

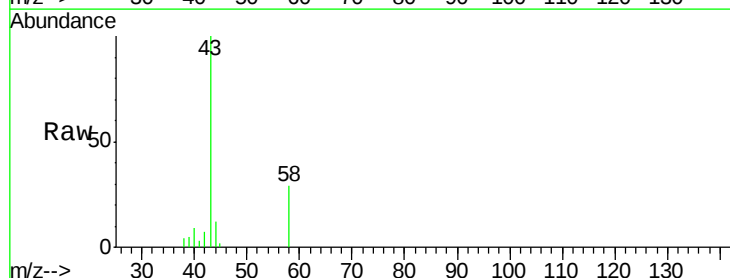
Acq: 15 Feb 2019 16:11

Tgt Ion: 43 Resp: 20916

Ion Ratio Lower Upper

43 100

58 29.1 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN053802.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN053802.D (-542) (-)

3.82

8000

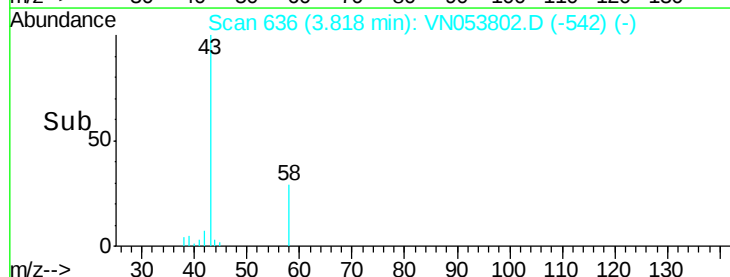
6000

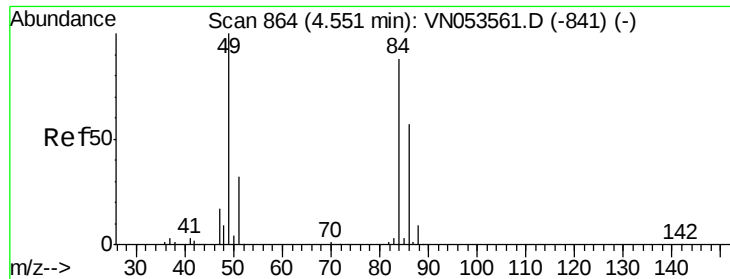
4000

2000

0

Time--> 3.75 3.80 3.85 3.90

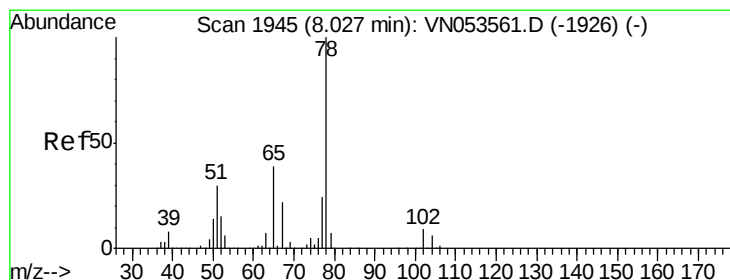
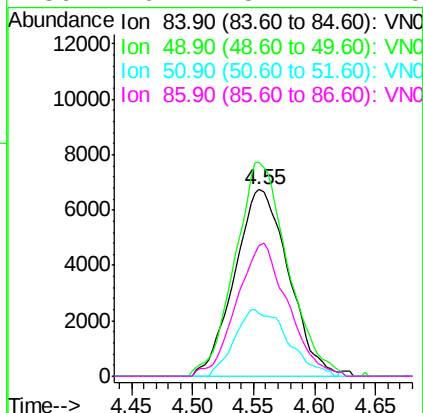
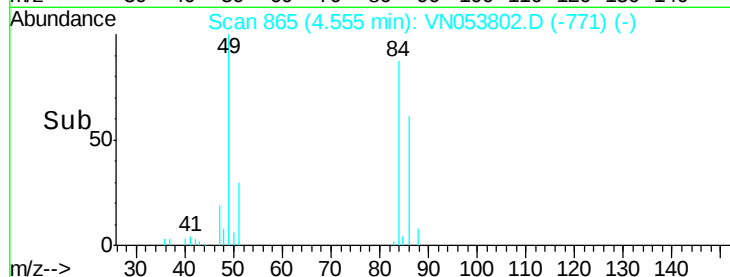
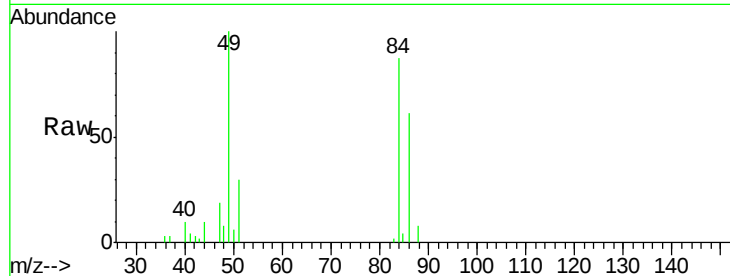




#20
Methvlene Chloride
Concen: 2.660 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053802.D
Acq: 15 Feb 2019 16:11

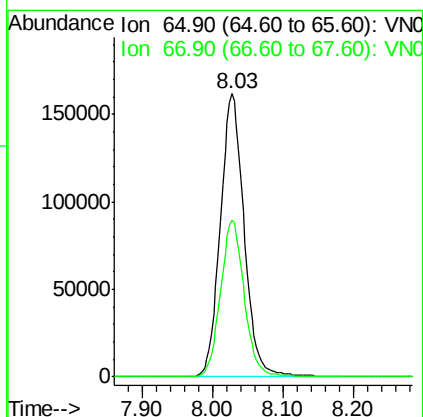
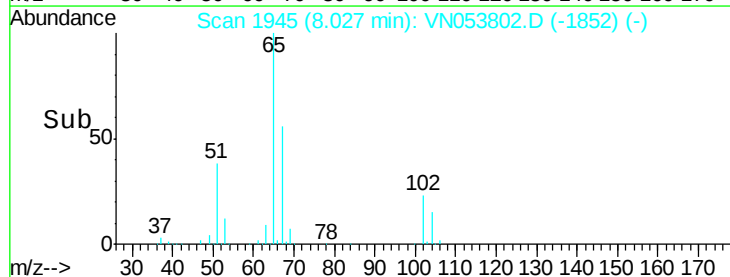
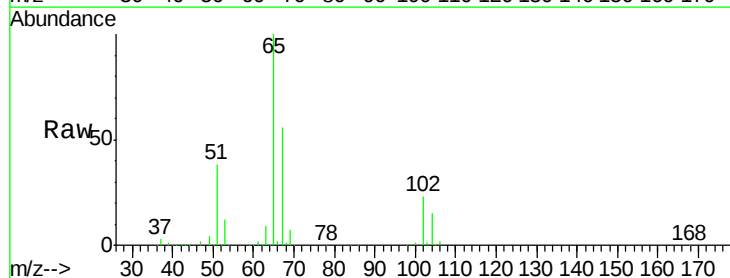
Instrument :
MSVOA_N
ClientSampleId :
RO-1-4

Tot Ion: 84 Resp: 20670
Ion Ratio Lower Upper
84 100
49 114.7 94.3 141.5
51 33.9 29.4 44.2
86 70.1 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 52.966 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053802.D
Acq: 15 Feb 2019 16:11

Tgt Ion: 65 Resp: 382504
Ion Ratio Lower Upper
65 100
67 55.0 0.0 111.2

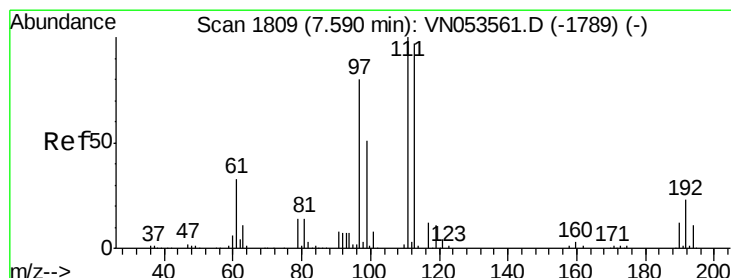
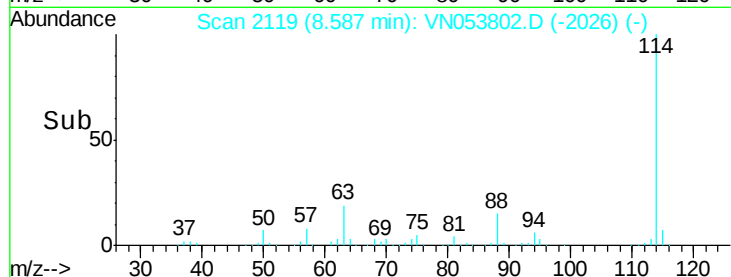
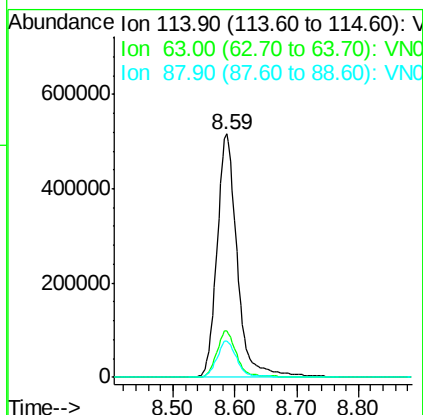
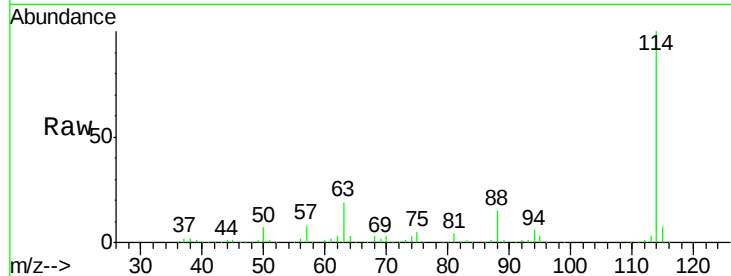




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053802.D
Acq: 15 Feb 2019 16:11

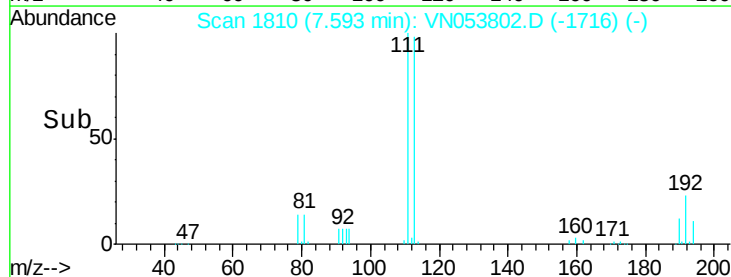
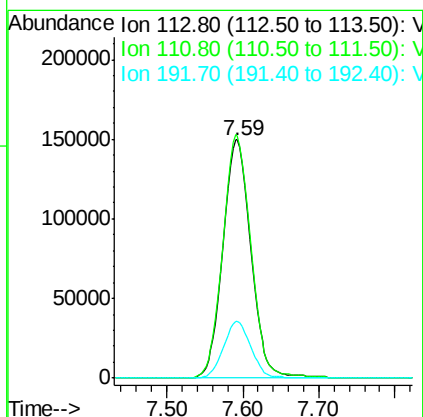
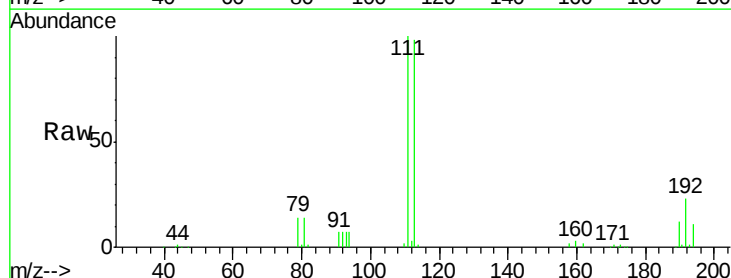
Instrument :
MSVOA_N
ClientSampleId :
RO-1-4

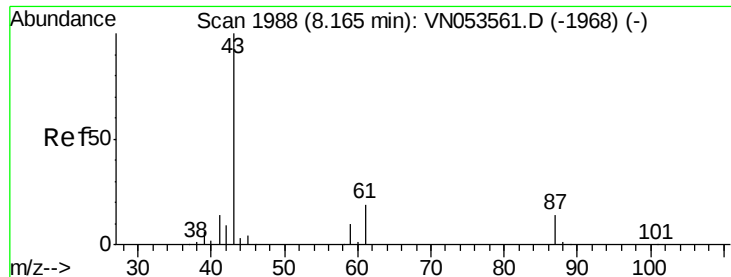
Tot Ion:114 Resp: 1174313
Ion Ratio Lower Upper
114 100
63 19.0 0.0 38.6
88 15.1 0.0 30.4



#35
Dibromofluoromethane
Concen: 51.995 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053802.D
Acq: 15 Feb 2019 16:11

Tgt Ion:113 Resp: 385811
Ion Ratio Lower Upper
113 100
111 102.2 81.1 121.7
192 23.2 18.2 27.2





#43

Isopropyl Acetate

Concen: 2.034 ug/l

RT: 8.18 min Scan# 1992

Delta R.T. 0.01 min

Lab File: VN053802.D

Acq: 15 Feb 2019 16:11

Instrument :

MSVOA_N

ClientSampleId :

RO-1-4

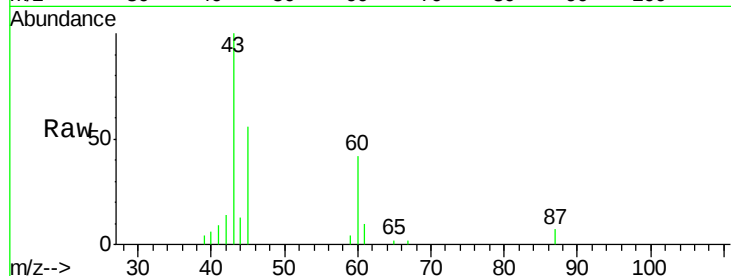
Tot Ion: 43 Resp: 23219

Ion Ratio Lower Upper

43 100

61 18.5 23.9 35.9#

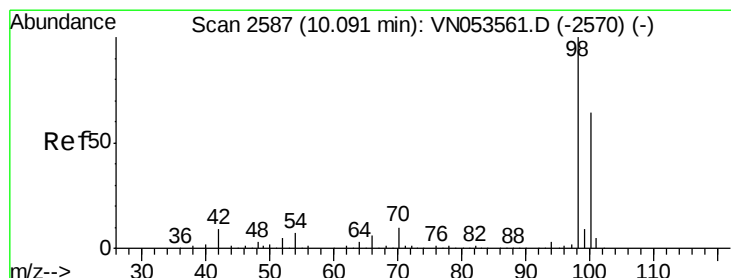
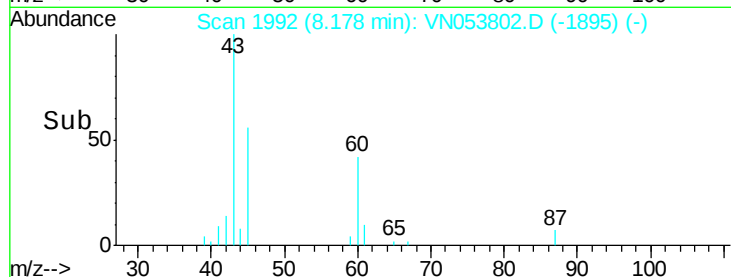
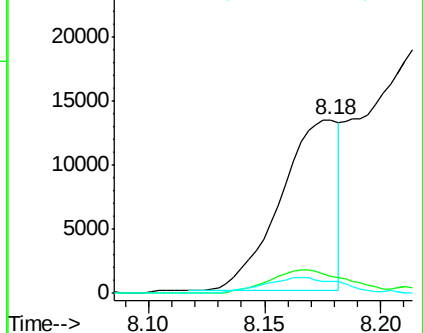
87 12.6 11.0 16.6



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: 49.484 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053802.D

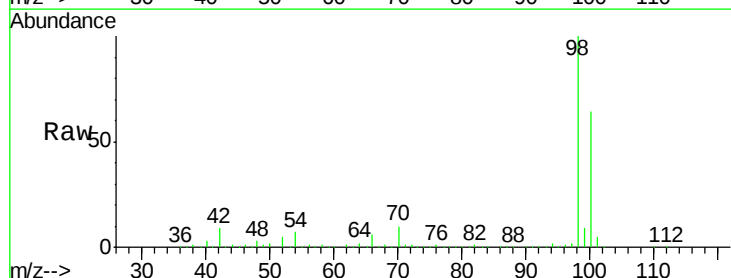
Acq: 15 Feb 2019 16:11

Tgt Ion: 98 Resp: 1378672

Ion Ratio Lower Upper

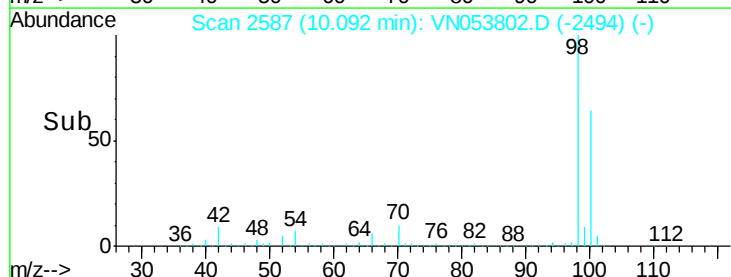
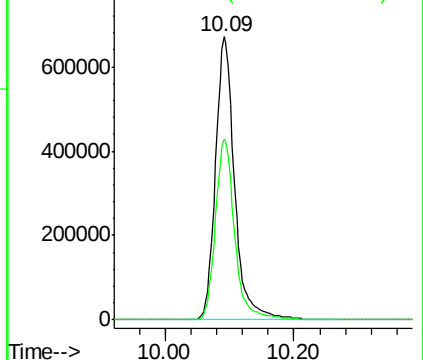
98 100

100 64.5 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 48.972 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053802.D

Acq: 15 Feb 2019 16:11

Instrument :

MSVOA_N

ClientSampleId :

RO-1-4

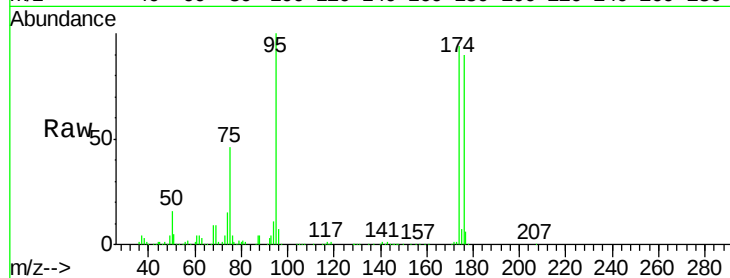
Tot Ion: 95 Resp: 455058

Ion Ratio Lower Upper

95 100

174 94.8 0.0 183.2

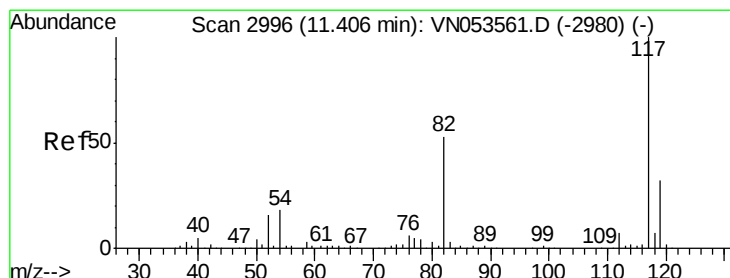
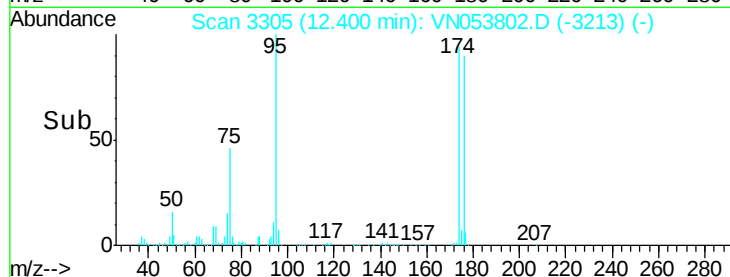
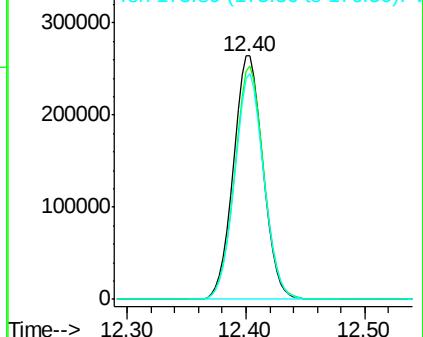
176 91.3 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053561.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053561.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053561.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053802.D

Acq: 15 Feb 2019 16:11

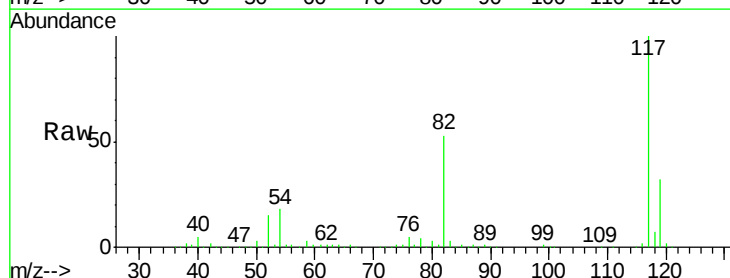
Tgt Ion: 117 Resp: 1057129

Ion Ratio Lower Upper

117 100

82 52.7 42.9 64.3

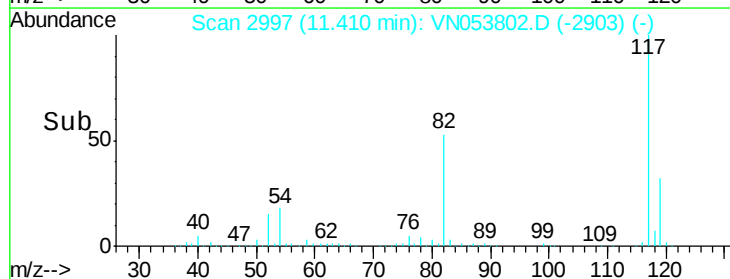
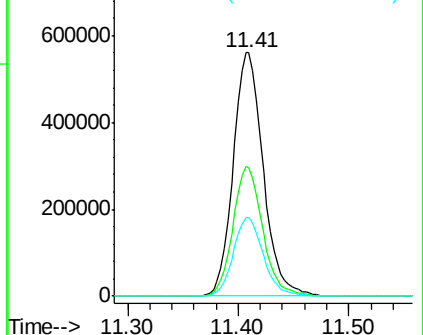
119 32.4 26.0 39.0

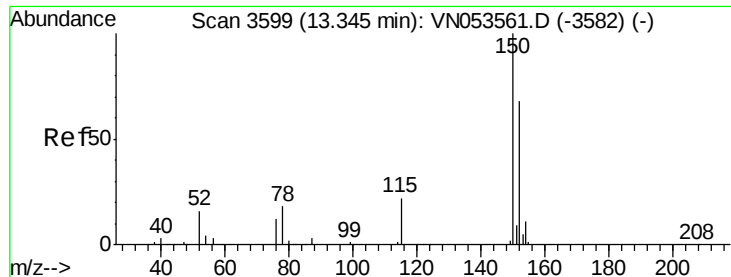


Abundance Ion 116.90 (116.60 to 117.60): VN053561.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053561.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053561.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053802.D

Acq: 15 Feb 2019 16:11

Instrument :

MSVOA_N

ClientSampleId :

RO-1-4

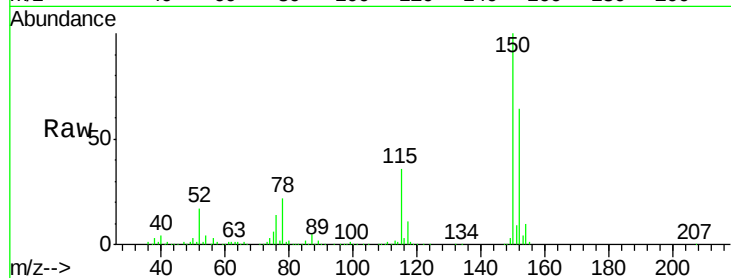
Tot Ion:152 Resp: 421360

Ion Ratio Lower Upper

152 100

115 55.1 27.8 83.4

150 156.0 0.0 349.0



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

