

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020619\
 Data File : VN053633.D
 Acq On : 6 Feb 2019 14:30
 Operator : JC/SP
 Sample : PB116860ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116860ZHE#06

Quant Time: Feb 07 04:25:17 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

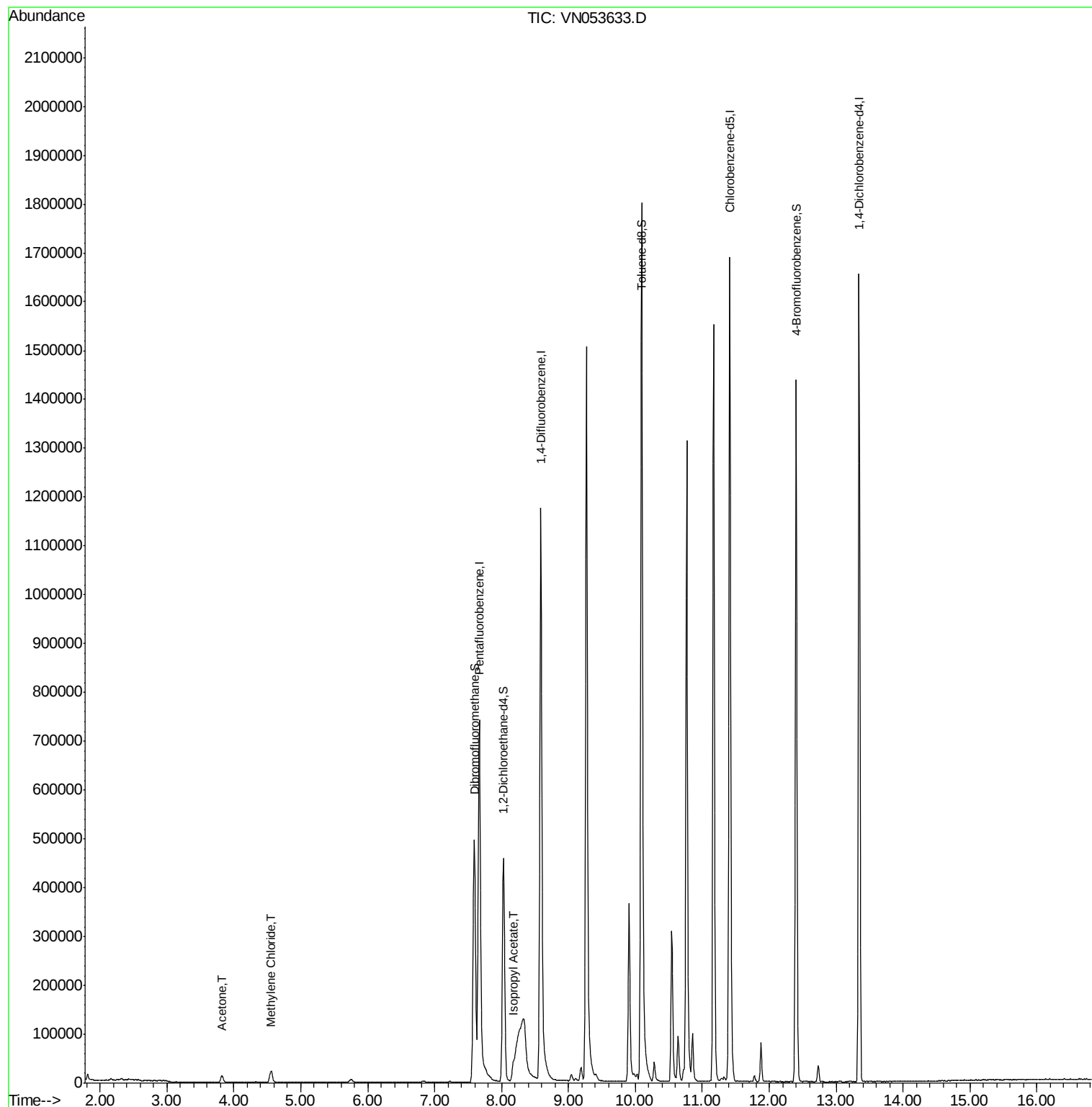
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	748651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1245665	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1150887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	482418	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	395261	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
35) Dibromofluoromethane	7.59	113	389814	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
50) Toluene-d8	10.09	98	1502821	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
62) 4-Bromofluorobenzene	12.40	95	505710	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
Target Compounds						
16) Acetone	3.82	43	25695	13.338	ug/l	95
20) Methylene Chloride	4.55	84	17817	2.204	ug/l	94
43) Isopropyl Acetate	8.17	43	29187	2.410	ug/l #	89

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN020619\
Data File : VN053633.D
Acq On : 6 Feb 2019 14:30
Operator : JC/SP
Sample : PB116860ZHE#06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
PB116860ZHE#06

Quant Time: Feb 07 04:25:17 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: VN053633.D

Acq: 6 Feb 2019 14:30

Instrument :

MSVOA_N

ClientSampleId :

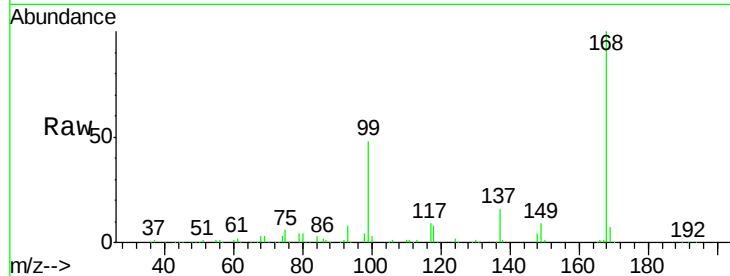
PB116860ZHE#06

Tot Ion:168 Resp: 748651

Ion Ratio Lower Upper

168 100

99 47.8 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

300000

250000

200000

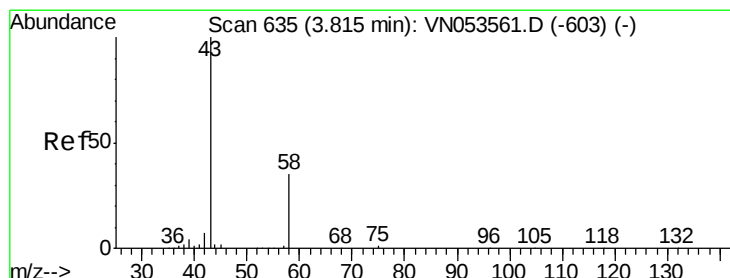
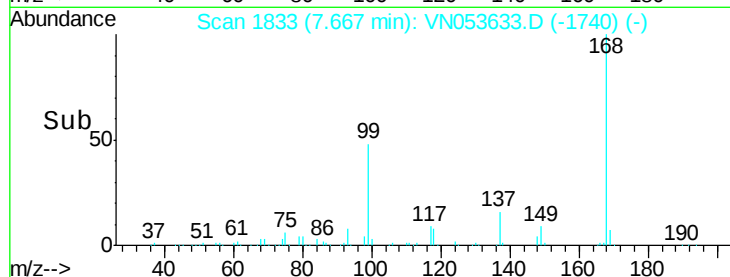
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 13.338 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053633.D

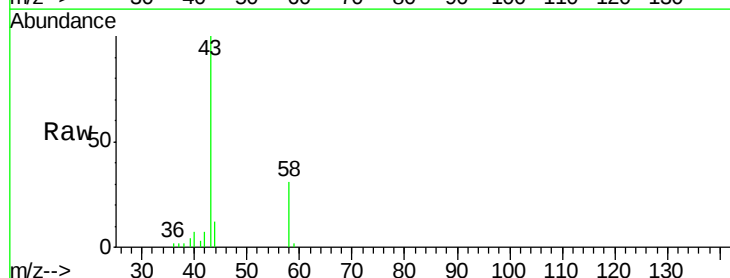
Acq: 6 Feb 2019 14:30

Tgt Ion: 43 Resp: 25695

Ion Ratio Lower Upper

43 100

58 30.8 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

10000

8000

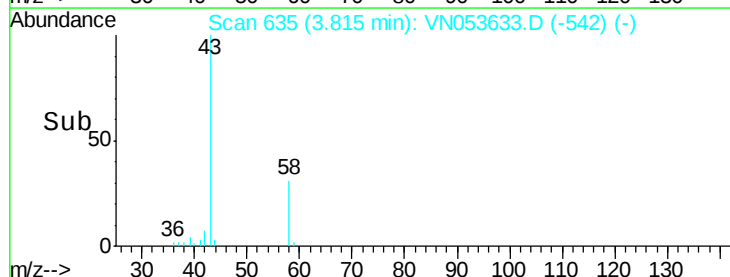
6000

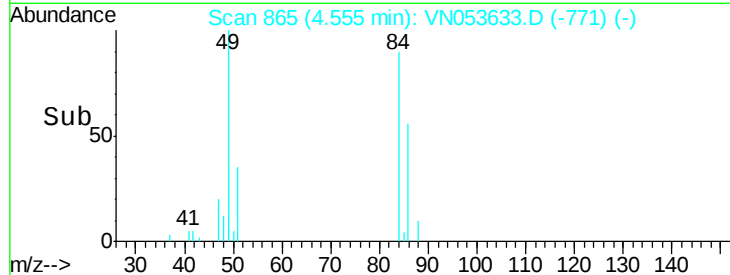
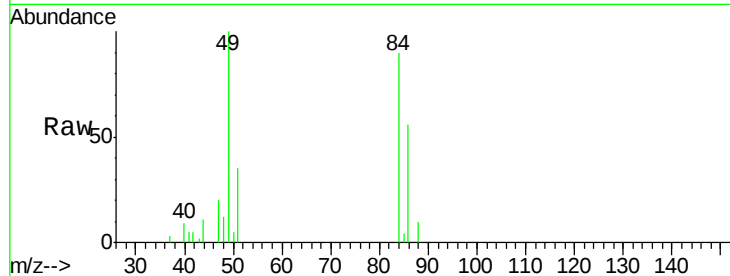
4000

2000

0

Time--> 3.70 3.80 3.90

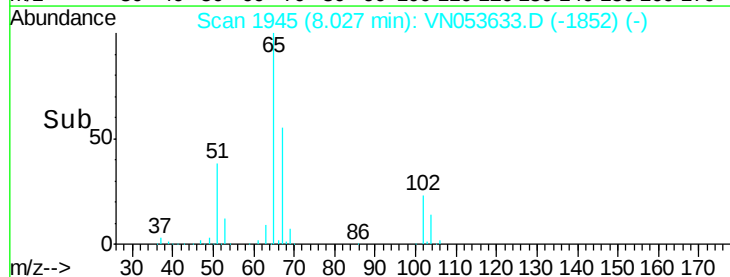
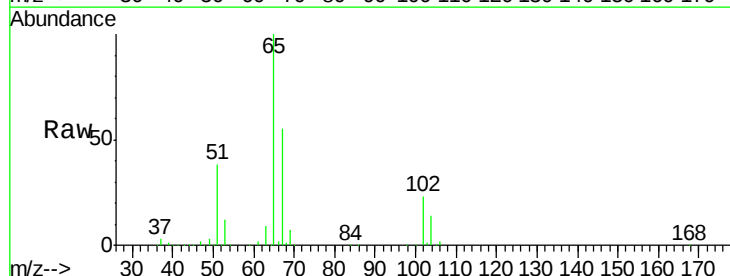
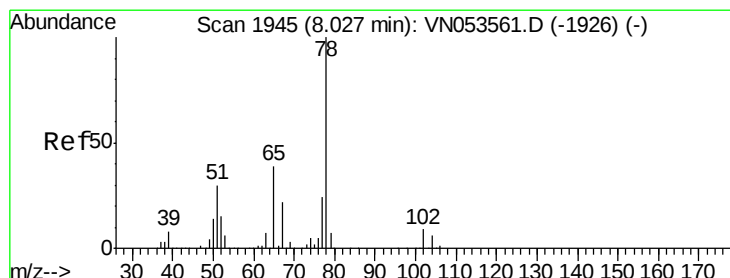
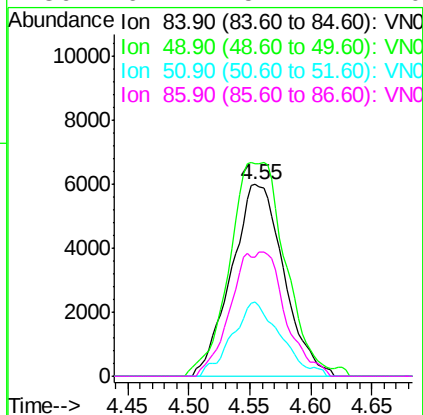




#20
Methvlene Chloride
Concen: 2.204 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053633.D
Acq: 6 Feb 2019 14:30

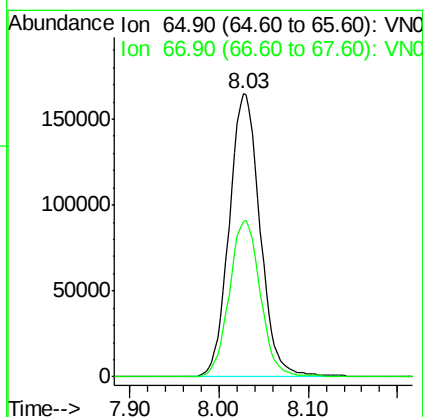
Instrument :
MSVOA_N
ClientSampleId :
PB116860ZHE#06

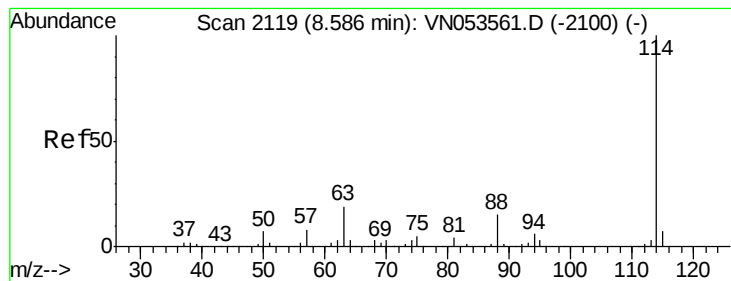
Tot Ion:	84	Resp:	17817
Ion	Ratio	Lower	Upper
84	100		
49	108.1	94.3	141.5
51	38.7	29.4	44.2
86	62.2	51.4	77.0



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053633.D
Acq: 6 Feb 2019 14:30

Tgt Ion:	65	Resp:	395261
Ion	Ratio	Lower	Upper
65	100		
67	55.6	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: VN053633.D

Acq: 6 Feb 2019 14:30

Instrument :

MSVOA_N

ClientSampleId :

PB116860ZHE#06

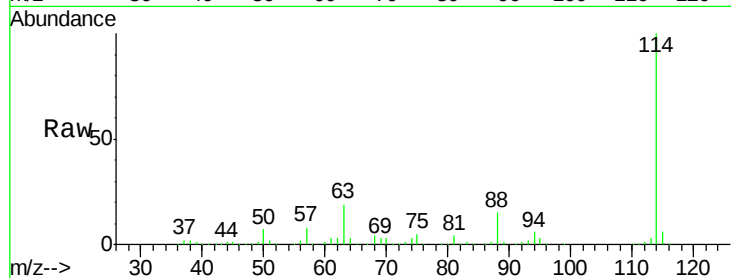
Tot Ion:114 Resp: 1245665

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.6

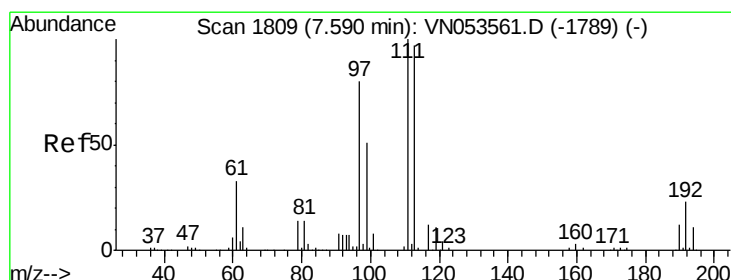
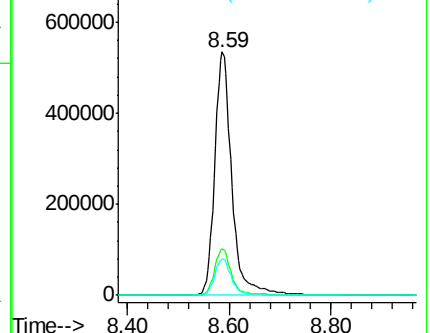
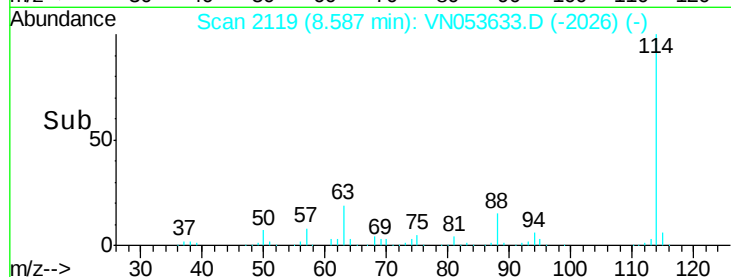
88 14.9 0.0 30.4



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: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053633.D

Acq: 6 Feb 2019 14:30

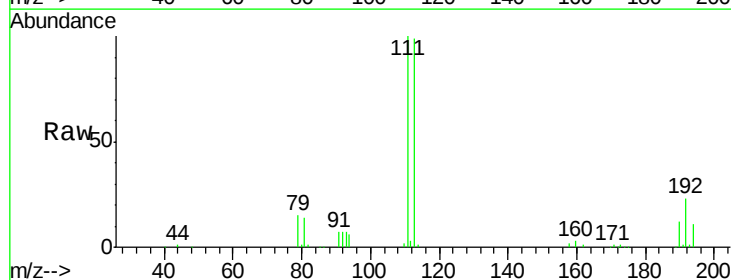
Tgt Ion:113 Resp: 389814

Ion Ratio Lower Upper

113 100

111 102.9 81.1 121.7

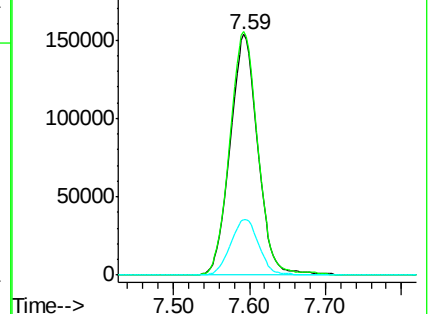
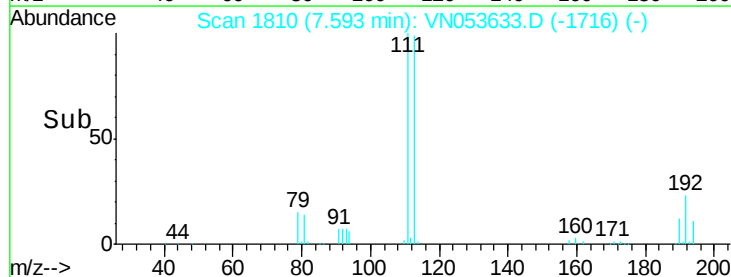
192 23.6 18.2 27.2

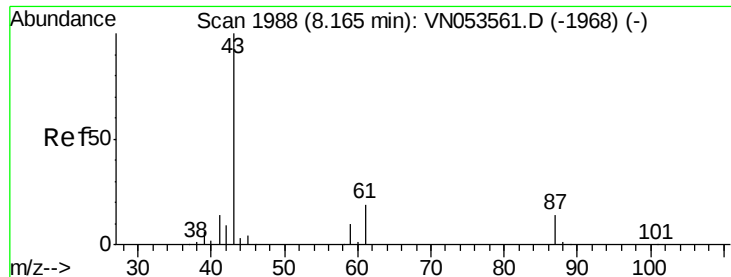


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.410 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053633.D

Acq: 6 Feb 2019 14:30

Instrument :

MSVOA_N

ClientSampleId :

PB116860ZHE#06

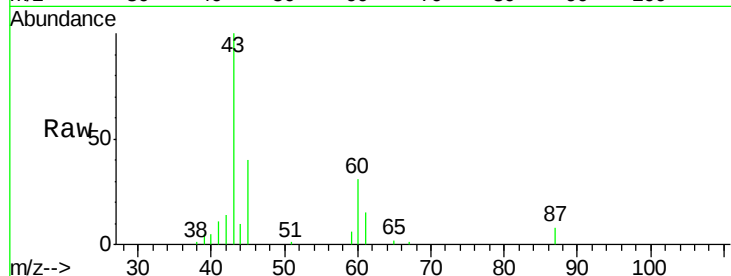
Tot Ion: 43 Resp: 29187

Ion Ratio Lower Upper

43 100

61 22.2 23.9 35.9#

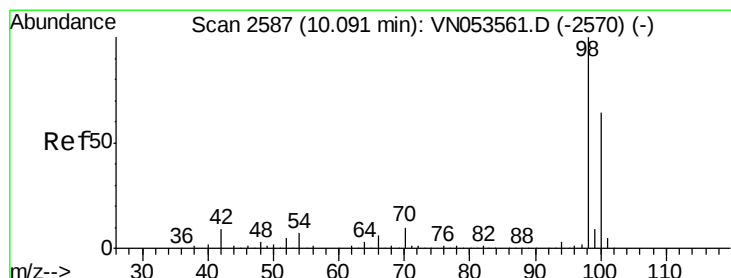
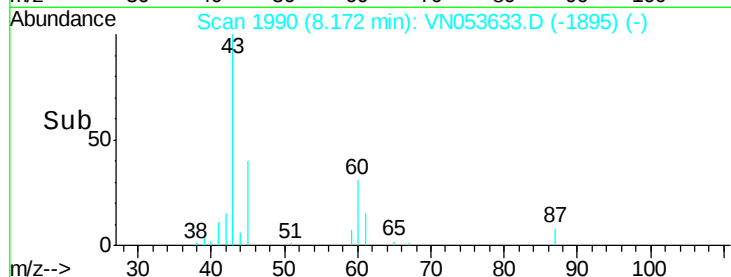
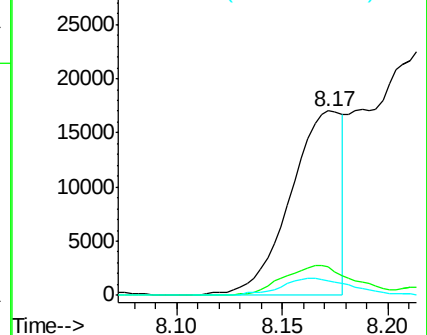
87 12.4 11.0 16.6



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: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053633.D

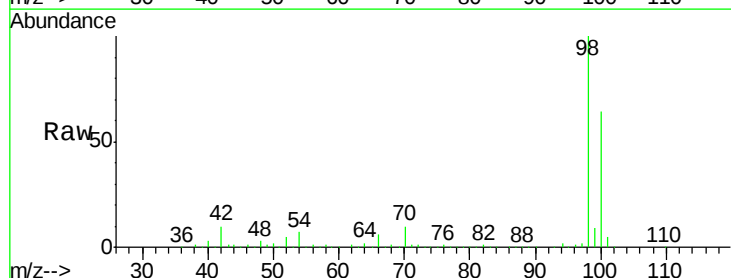
Acq: 6 Feb 2019 14:30

Tgt Ion: 98 Resp: 1502821

Ion Ratio Lower Upper

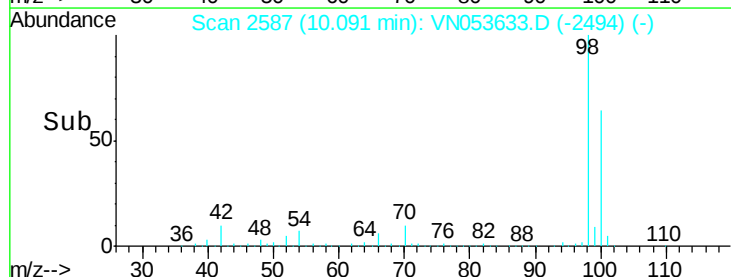
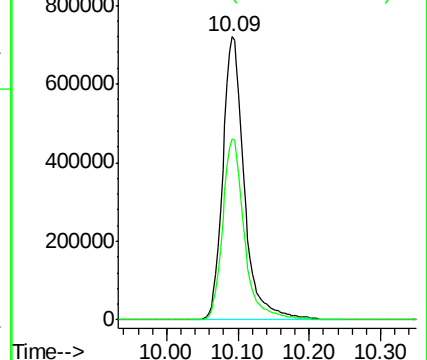
98 100

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: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053633.D

Acq: 6 Feb 2019 14:30

Instrument :

MSVOA_N

ClientSampleId :

PB116860ZHE#06

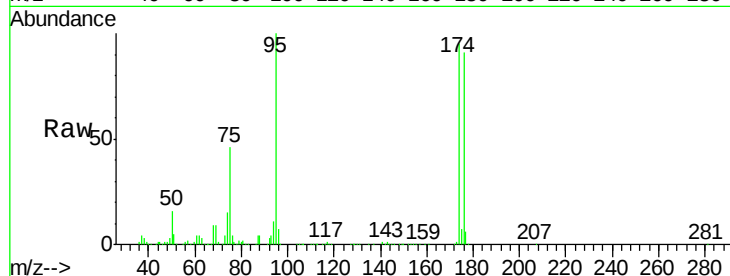
Tot Ion: 95 Resp: 505710

Ion Ratio Lower Upper

95 100

174 93.6 0.0 183.2

176 90.7 0.0 177.4

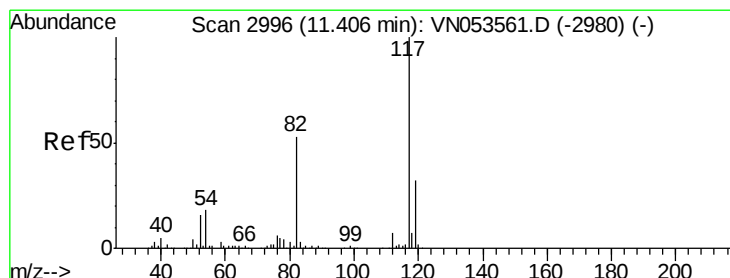
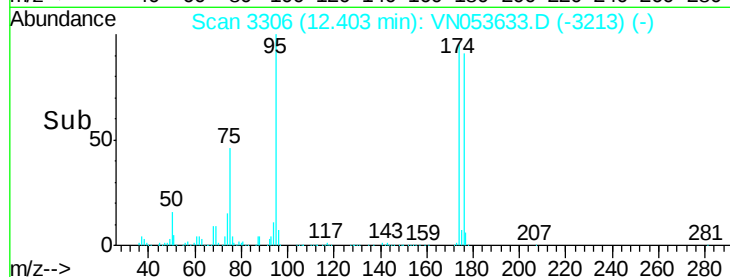


Abundance Ion 94.90 (94.60 to 95.60): VN053561.D (-3291) (-)

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

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

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053633.D

Acq: 6 Feb 2019 14:30

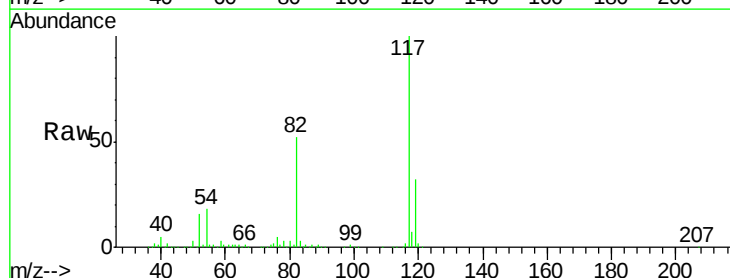
Tgt Ion: 117 Resp: 1150887

Ion Ratio Lower Upper

117 100

82 52.1 42.9 64.3

119 32.2 26.0 39.0

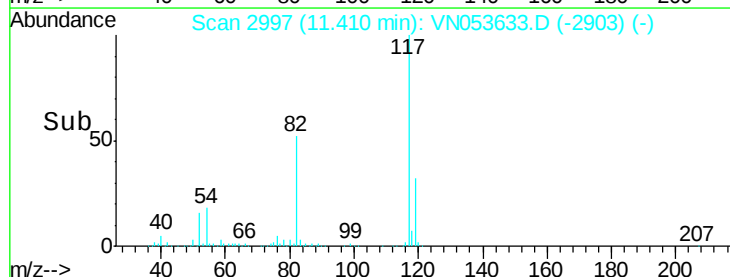


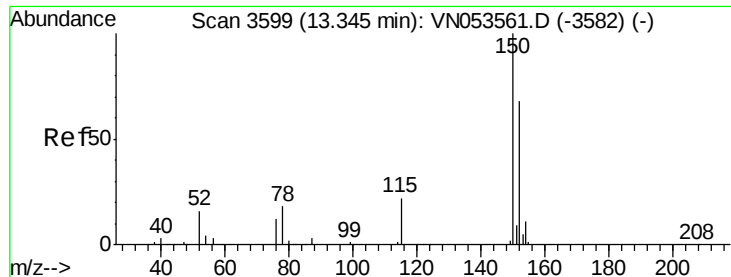
Abundance Ion 116.90 (116.60 to 117.60): VN053561.D (-2980) (-)

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

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

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053633.D

Acq: 6 Feb 2019 14:30

Instrument :

MSVOA_N

ClientSampleId :

PB116860ZHE#06

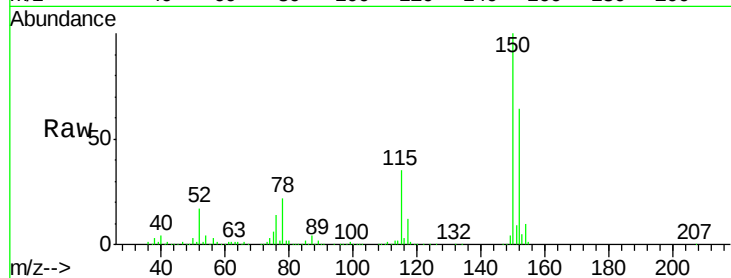
Tot Ion:152 Resp: 482418

Ion Ratio Lower Upper

152 100

115 55.6 27.8 83.4

150 158.5 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

