

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041620\
 Data File : VN061029.D
 Acq On : 16 Apr 2020 21:59
 Operator : JC/MD
 Sample : L2304-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-B1-VOA

Quant Time: Apr 17 06:21:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

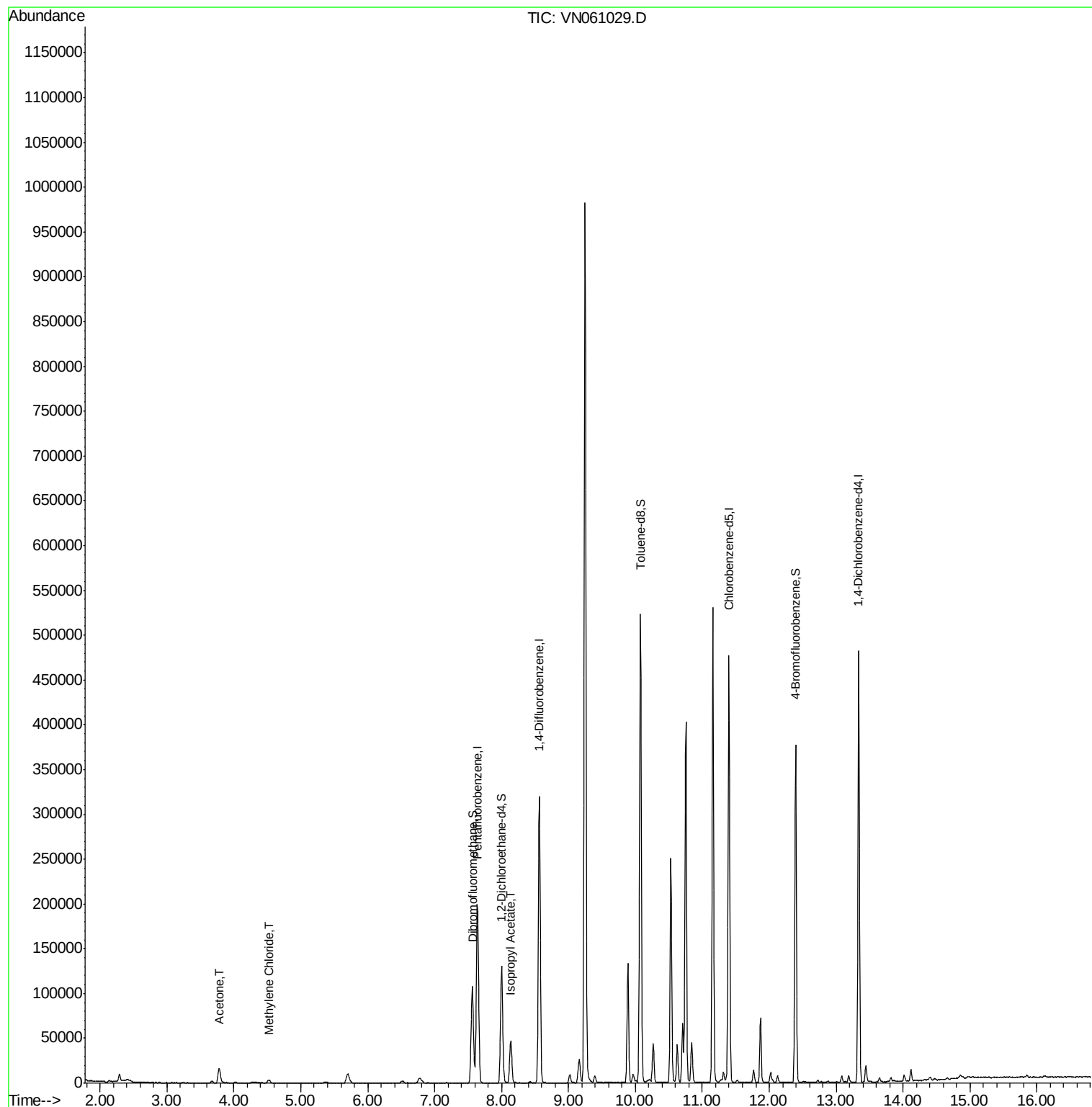
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	163493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	279290	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	266041	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	122113	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	110729	52.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.88%	
35) Dibromofluoromethane	7.56	113	83790	51.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.74%	
50) Toluene-d8	10.08	98	349147	56.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.30%	
62) 4-Bromofluorobenzene	12.39	95	133158	55.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.24%	
Target Compounds						
16) Acetone	3.78	43	27849	30.248	ug/l	98
20) Methylene Chloride	4.52	84	2433	1.210	ug/l	93
43) Isopropyl Acetate	8.14	43	57929	11.382	ug/l #	92

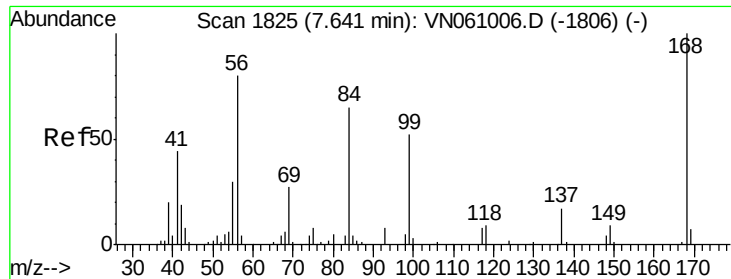
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041620\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN061029.D

Acq: 16 Apr 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

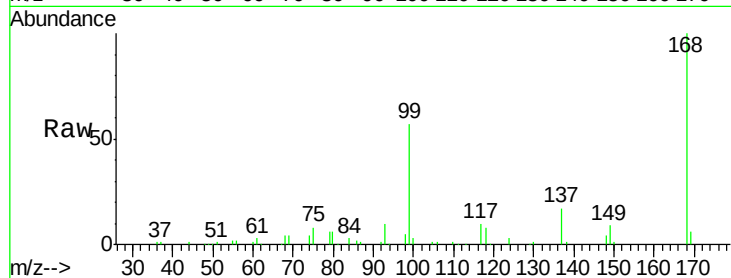
WC-B1-VOA

Tot Ion:168 Resp: 163493

Ion Ratio Lower Upper

168 100

99 56.7 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

60000

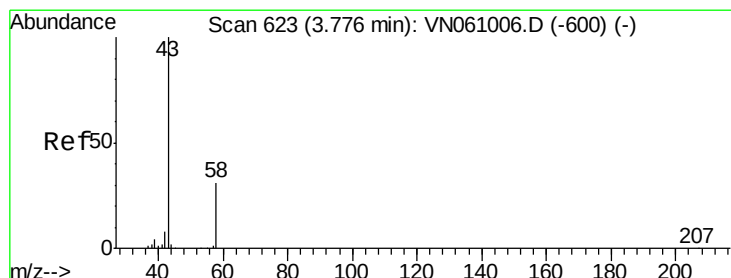
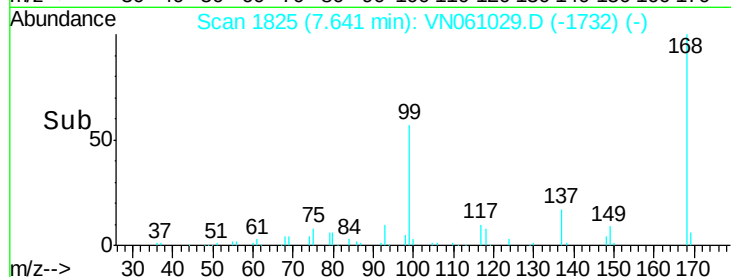
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 30.248 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN061029.D

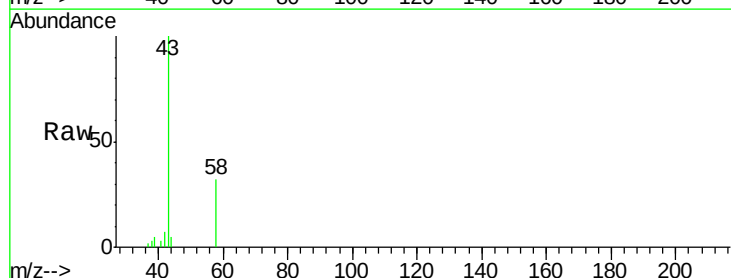
Acq: 16 Apr 2020 21:59

Tgt Ion: 43 Resp: 27849

Ion Ratio Lower Upper

43 100

58 31.9 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

12000

10000

8000

6000

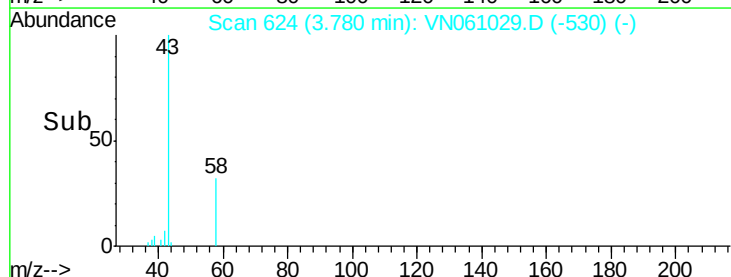
4000

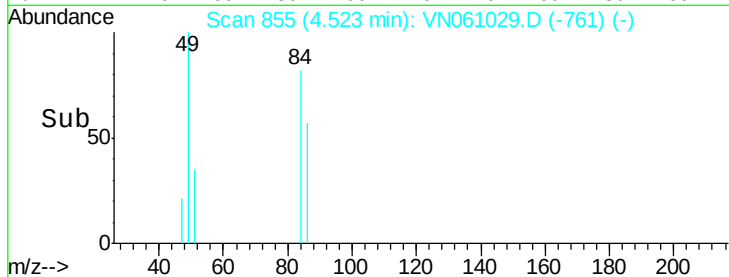
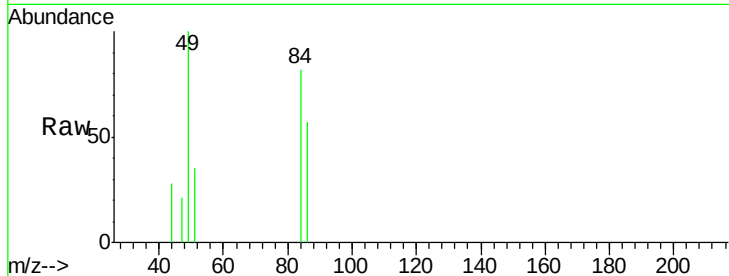
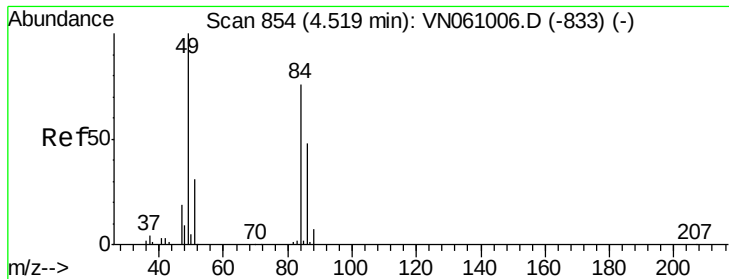
2000

0

3.70 3.80 3.90

Time-->

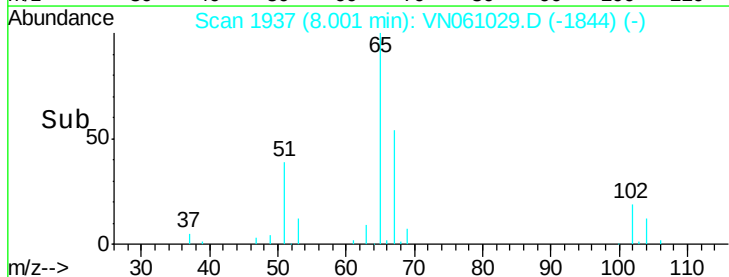
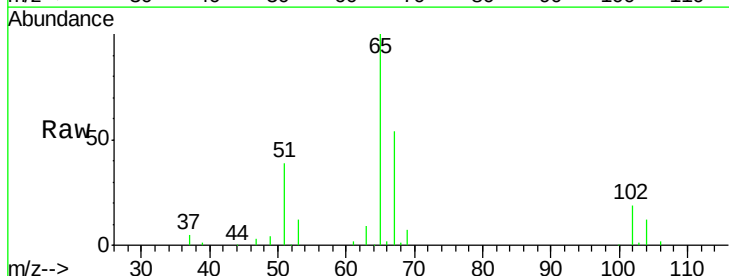
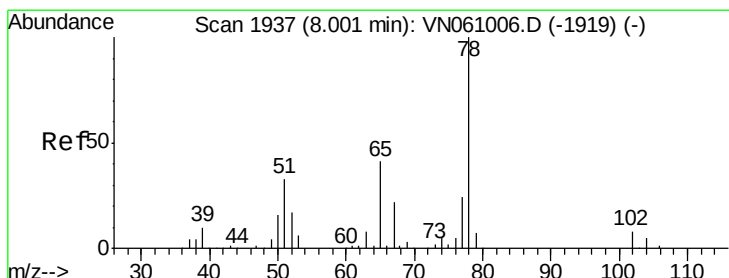
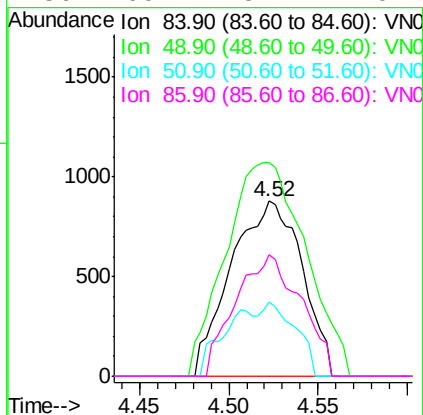




#20
Methylene Chloride
Concen: 1.210 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN061029.D
Acq: 16 Apr 2020 21:59

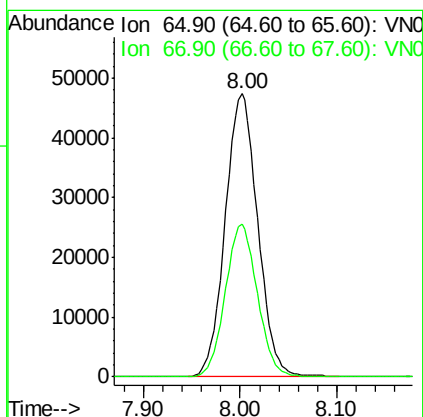
Instrument :
MSVOA_N
ClientSampled :
WC-B1-VOA

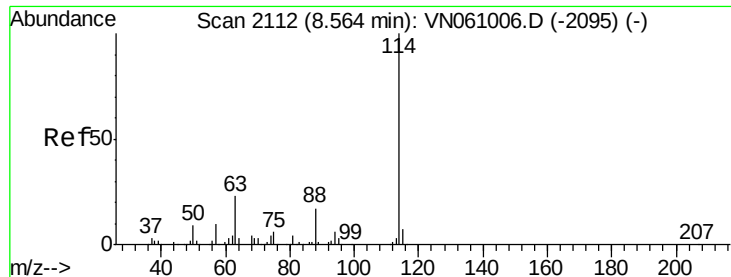
Tot Ion: 84 Resp: 2433
Ion Ratio Lower Upper
84 100
49 121.9 105.8 158.6
51 42.3 32.4 48.6
86 69.4 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 52.935 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061029.D
Acq: 16 Apr 2020 21:59

Tgt Ion: 65 Resp: 110729
Ion Ratio Lower Upper
65 100
67 53.3 0.0 107.0

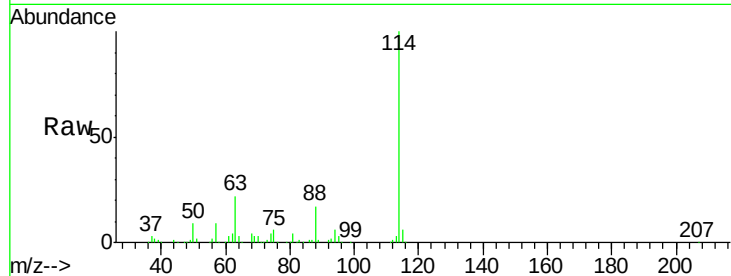




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VN061029.D
 Acq: 16 Apr 2020 21:59

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-B1-VOA

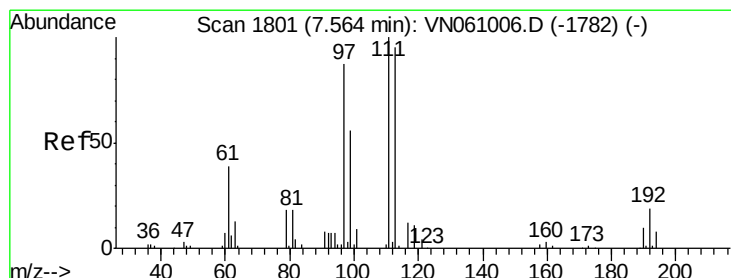
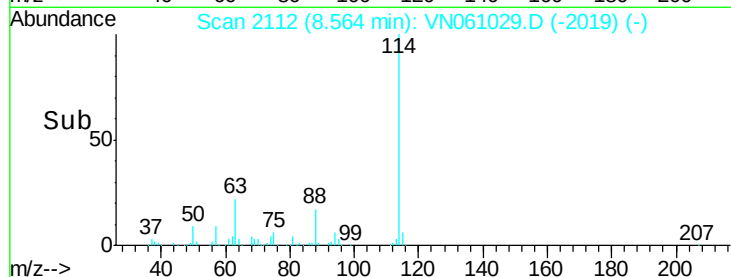
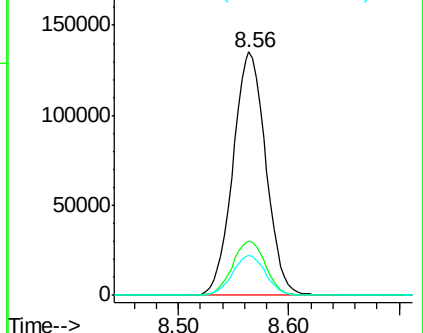
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	46.2
88	16.5	0.0	33.4



Abundance Ion 113.90 (113.60 to 114.60): V

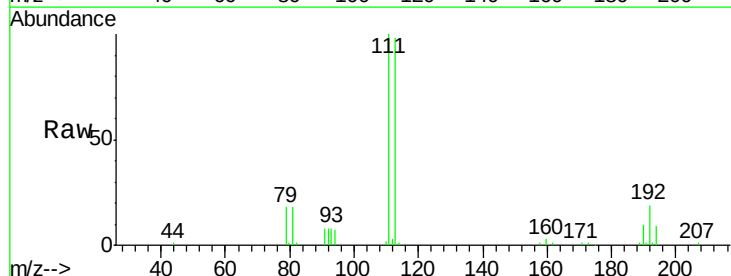
Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35
 Dibromofluoromethane
 Concen: 51.373 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN061029.D
 Acq: 16 Apr 2020 21:59

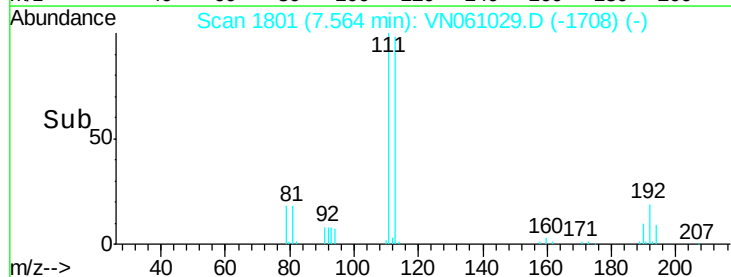
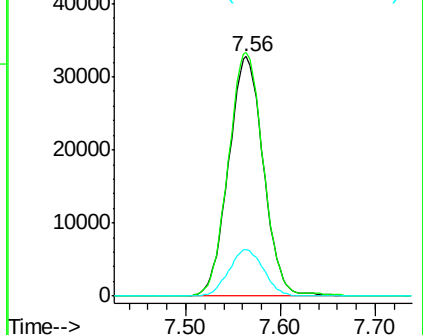
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.4	125.2
192	19.3	15.5	23.3

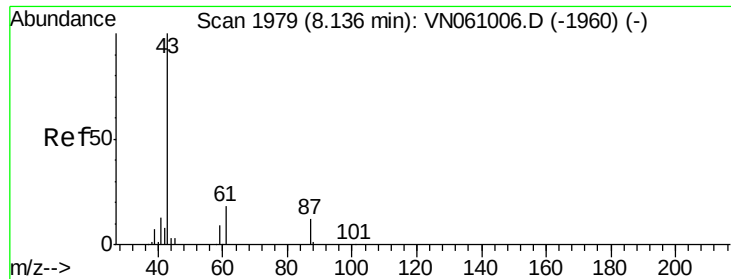


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 11.382 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. 0.00 min

Lab File: VN061029.D

Acq: 16 Apr 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

WC-B1-VOA

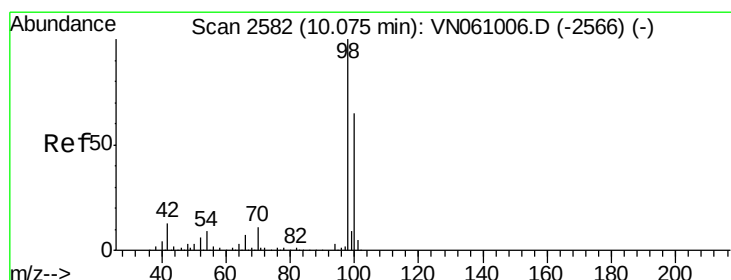
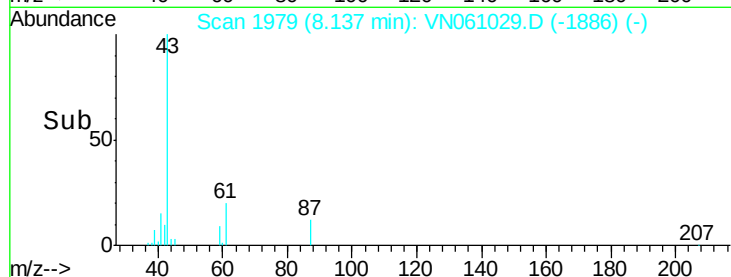
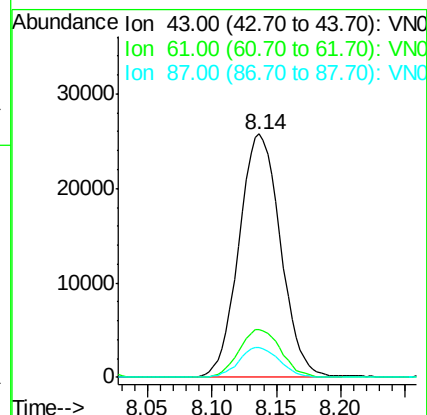
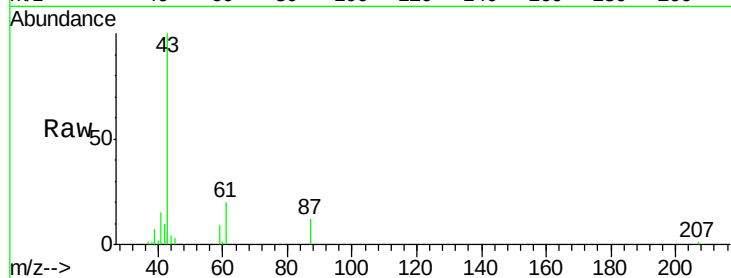
Tot Ion: 43 Resp: 57929

Ion Ratio Lower Upper

43 100

61 19.7 20.3 30.5#

87 12.0 9.4 14.2



#50

Toluene-d8

Concen: 56.649 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.00 min

Lab File: VN061029.D

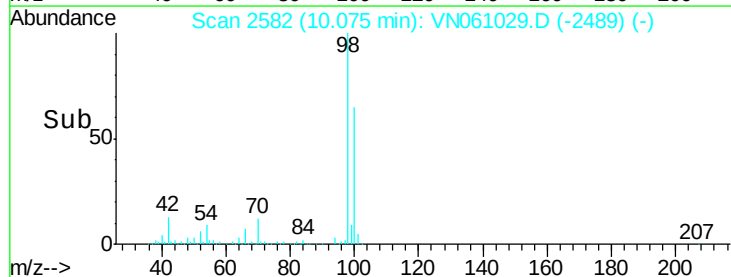
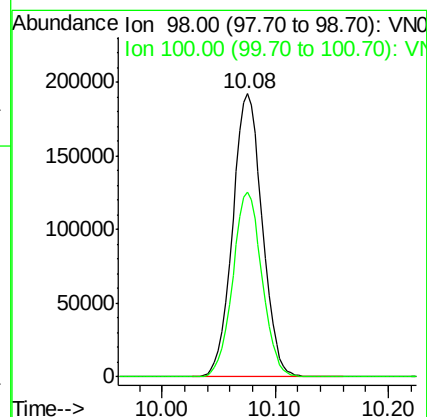
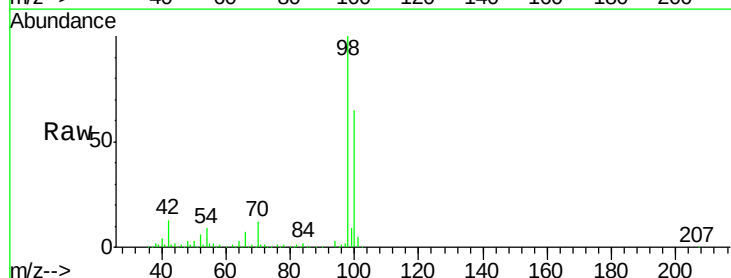
Acq: 16 Apr 2020 21:59

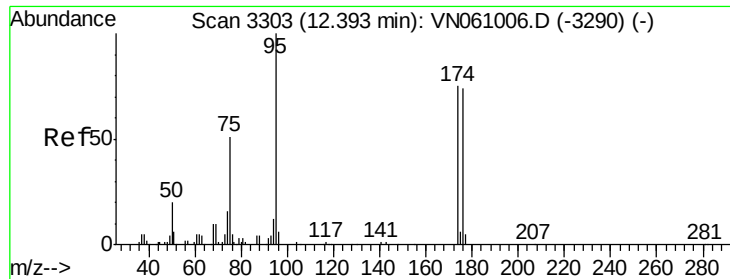
Tgt Ion: 98 Resp: 349147

Ion Ratio Lower Upper

98 100

100 64.6 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 55.125 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.00 min

Lab File: VN061029.D

Acq: 16 Apr 2020 21:59

Instrument :

MSVOA_N

ClientSampled :

WC-B1-VOA

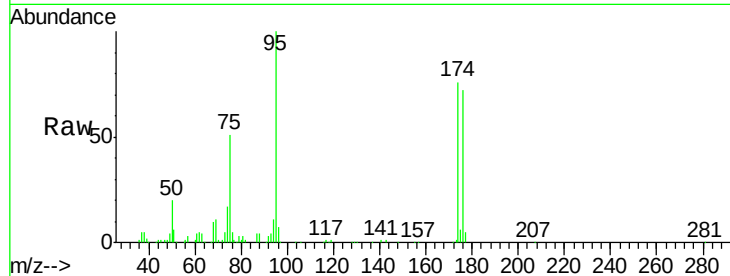
Tot Ion: 95 Resp: 133158

Ion Ratio Lower Upper

95 100

174 76.1 0.0 151.2

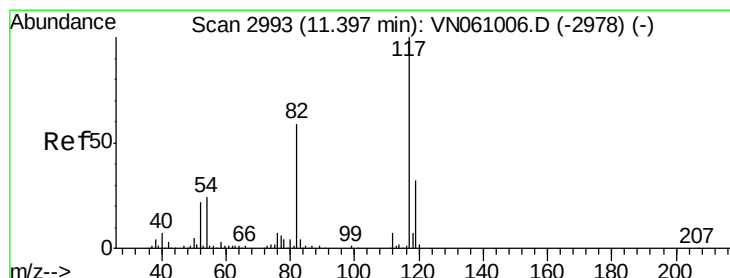
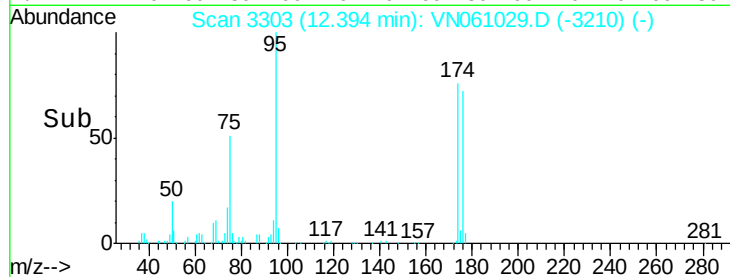
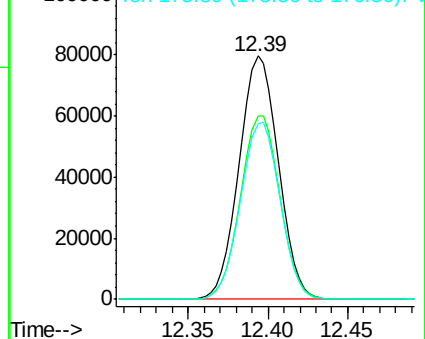
176 73.3 0.0 148.2



Abundance Ion 94.90 (94.60 to 95.60): VN061006.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN061006.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN061006.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2993

Delta R.T. 0.00 min

Lab File: VN061029.D

Acq: 16 Apr 2020 21:59

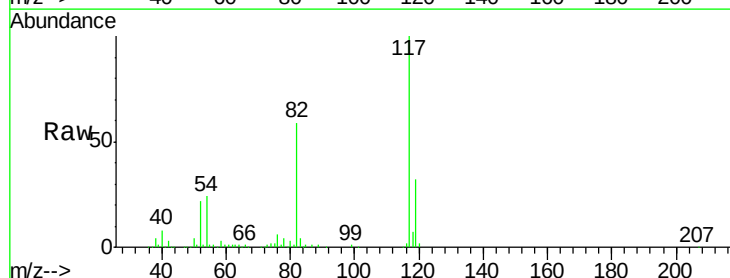
Tgt Ion: 117 Resp: 266041

Ion Ratio Lower Upper

117 100

82 58.6 47.1 70.7

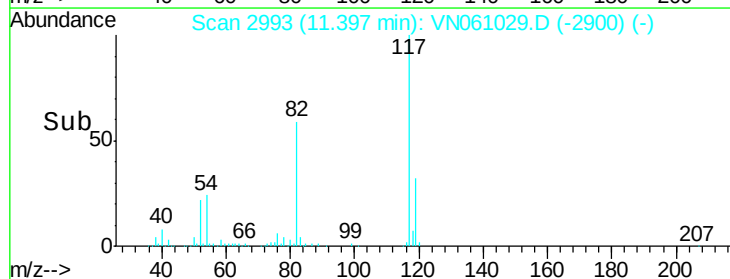
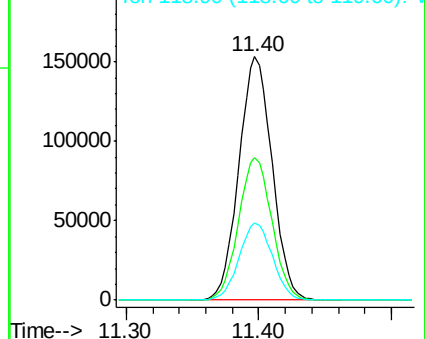
119 31.7 25.7 38.5

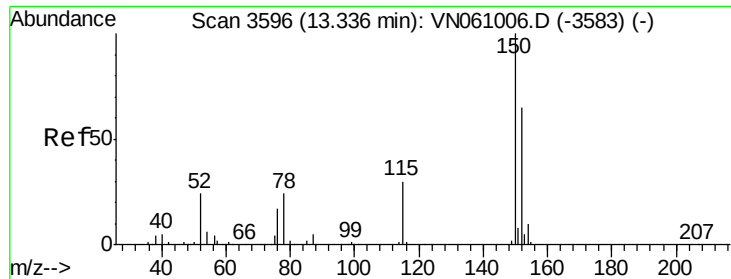


Abundance Ion 116.90 (116.60 to 117.60): VN061006.D (-2978) (-)

Ion 82.00 (81.70 to 82.70): VN061006.D (-2978) (-)

Ion 118.90 (118.60 to 119.60): VN061006.D (-2978) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3596

Delta R.T. 0.00 min

Lab File: VN061029.D

Acq: 16 Apr 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

WC-B1-VOA

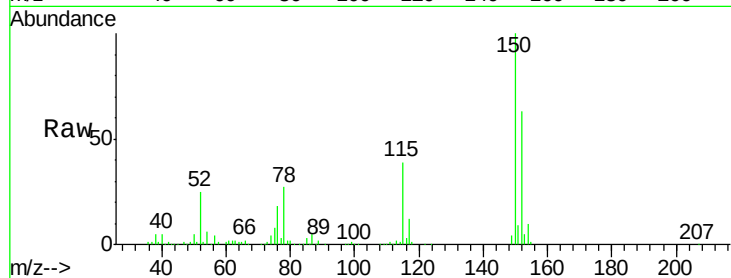
Tot Ion:152 Resp: 122113

Ion Ratio Lower Upper

152 100

115 60.9 30.8 92.4

150 158.2 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

