

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040220\
 Data File : VN060830.D
 Acq On : 2 Apr 2020 18:35
 Operator : JC/MD
 Sample : L2101-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 239-WC-S-SB-BC

Quant Time: Apr 03 09:18:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

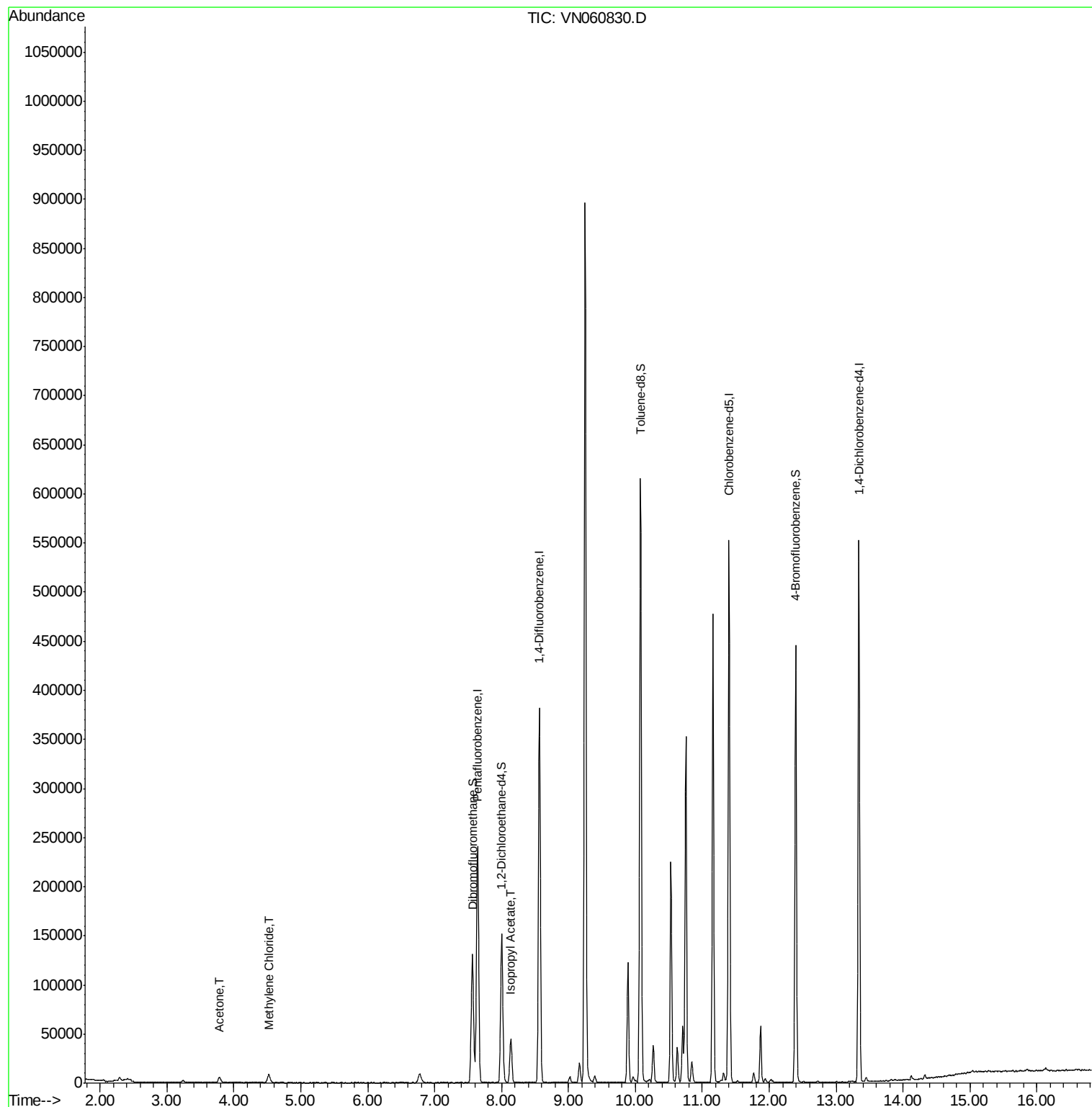
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	199529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	336676	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	318437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	146076	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	131807	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
35) Dibromofluoromethane	7.56	113	100757	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
50) Toluene-d8	10.08	98	413743	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.40	95	157469	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.34%	
Target Compounds						
16) Acetone	3.79	43	10411	10.730	ug/l	Qvalue 100
20) Methylene Chloride	4.52	84	6241	2.615	ug/l	97
43) Isopropyl Acetate	8.14	43	53624	9.231	ug/l #	91

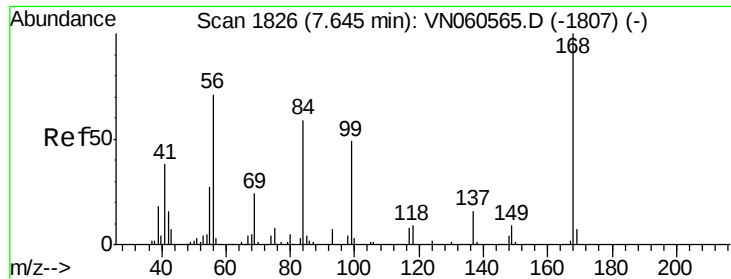
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060830.D

Acq: 2 Apr 2020 18:35

Instrument :

MSVOA_N

ClientSampleId :

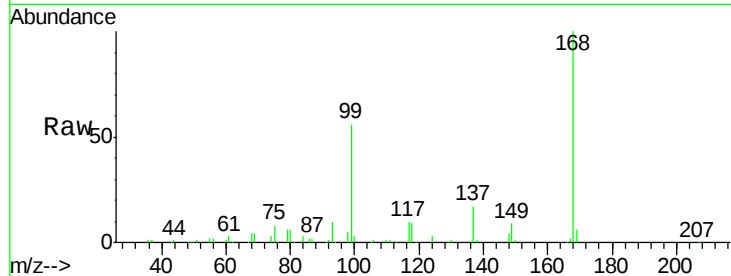
239-WC-S-SB-BC

Tot Ion:168 Resp: 199529

Ion Ratio Lower Upper

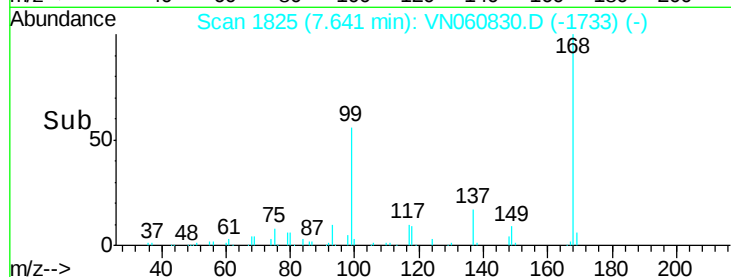
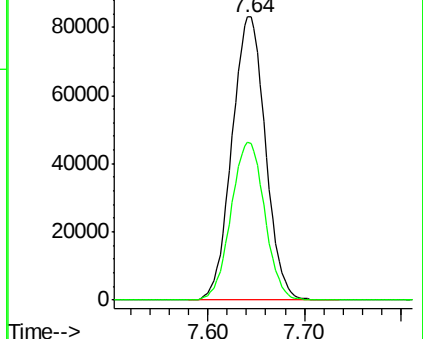
168 100

99 55.8 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 10.730 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060830.D

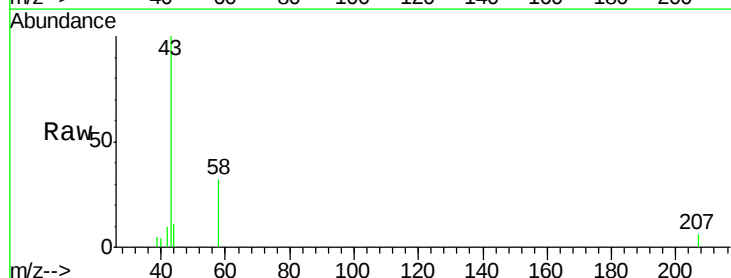
Acq: 2 Apr 2020 18:35

Tgt Ion: 43 Resp: 10411

Ion Ratio Lower Upper

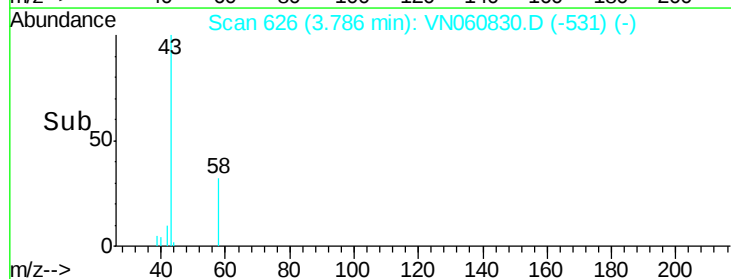
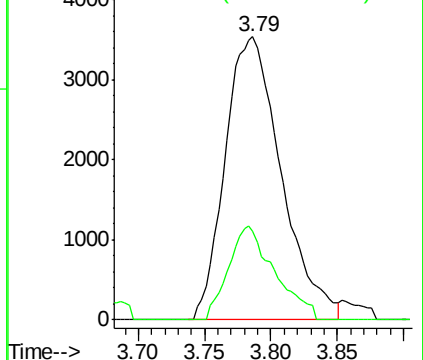
43 100

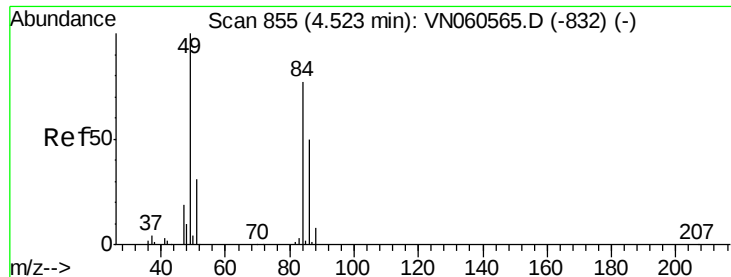
58 31.5 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

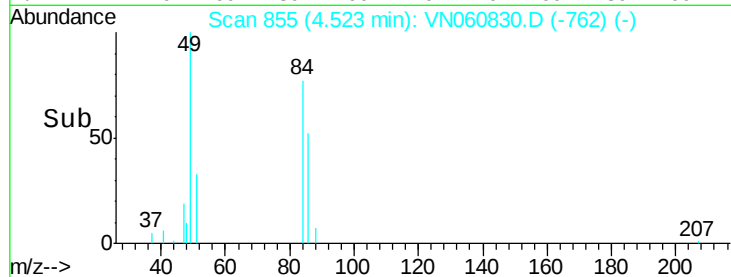
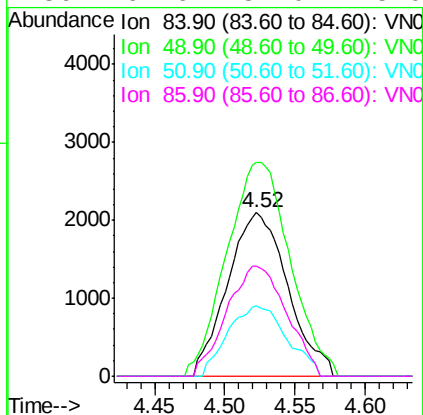
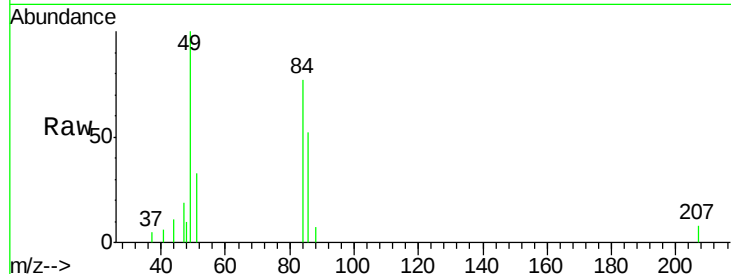




#20
Methylene Chloride
Concen: 2.615 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060830.D
Acq: 2 Apr 2020 18:35

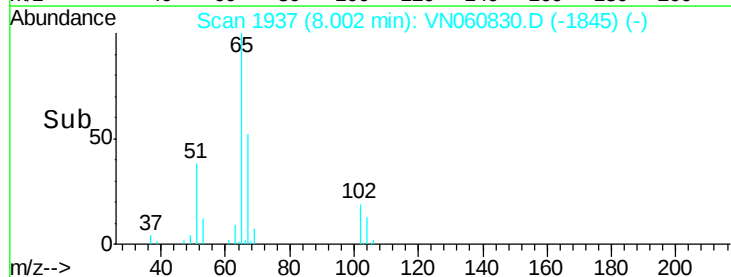
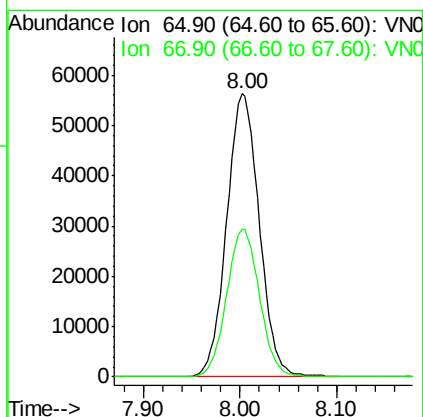
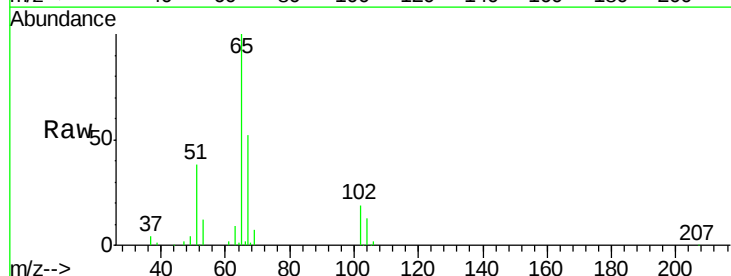
Instrument :
MSVOA_N
ClientSampleId :
239-WC-S-SB-BC

Tot Ion:	84	Resp:	6241
Ion	Ratio	Lower	Upper
84	100		
49	130.6	103.3	154.9
51	43.1	31.6	47.4
86	67.6	52.0	78.0



#33
1,2-Dichloroethane-d4
Concen: 48.121 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060830.D
Acq: 2 Apr 2020 18:35

Tgt Ion:	65	Resp:	131807
Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	107.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060830.D

Acq: 2 Apr 2020 18:35

Instrument :

MSVOA_N

ClientSampleId :

239-WC-S-SB-BC

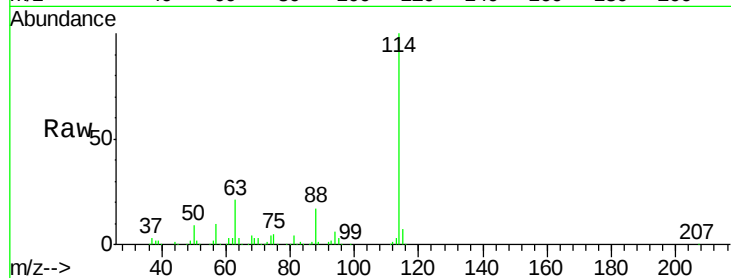
Tot Ion:114 Resp: 336676

Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.8

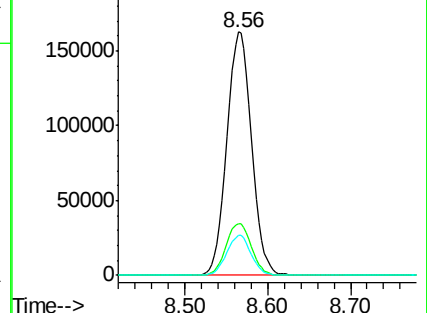
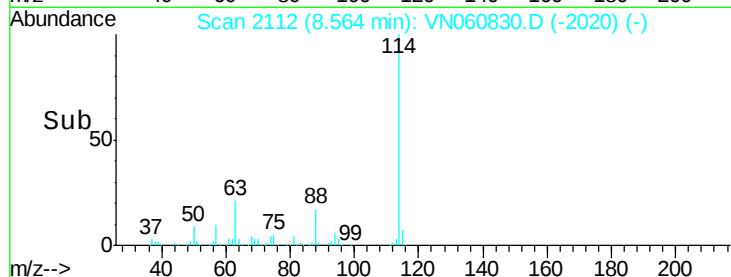
88 16.6 0.0 33.0



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: 49.493 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN060830.D

Acq: 2 Apr 2020 18:35

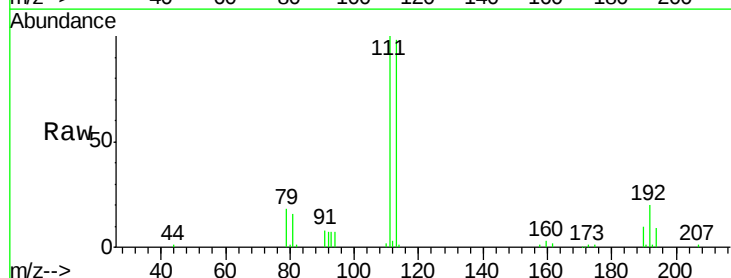
Tgt Ion:113 Resp: 100757

Ion Ratio Lower Upper

113 100

111 101.7 82.9 124.3

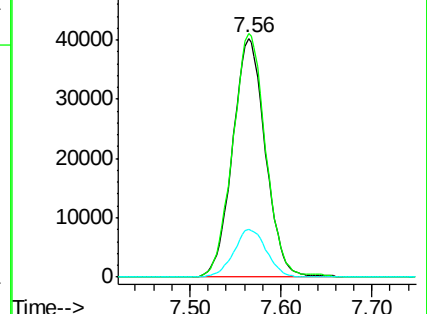
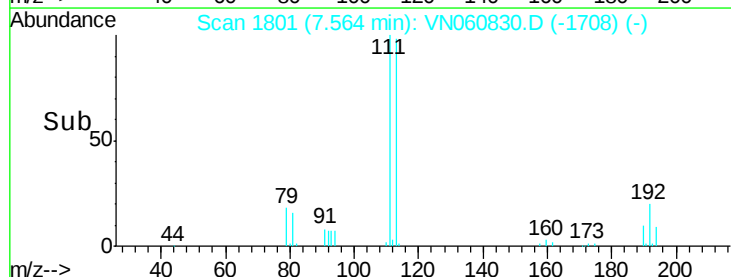
192 19.9 15.8 23.8

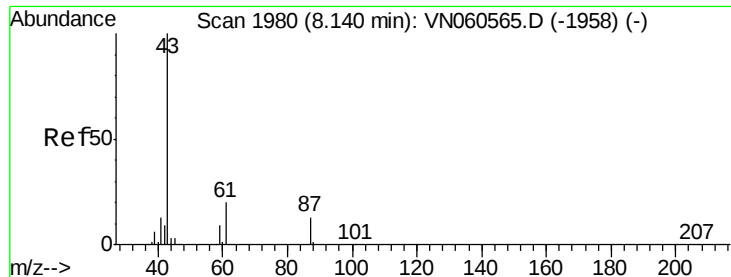


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.231 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060830.D

Acq: 2 Apr 2020 18:35

Instrument :

MSVOA_N

ClientSampleId :

239-WC-S-SB-BC

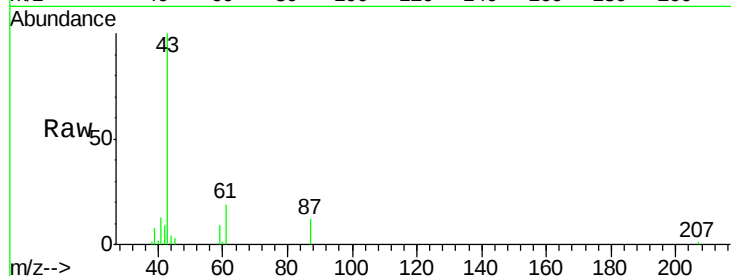
Tot Ion: 43 Resp: 53624

Ion Ratio Lower Upper

43 100

61 19.5 20.7 31.1#

87 11.8 9.8 14.8

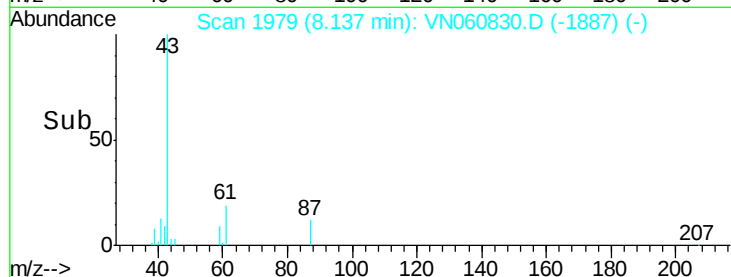


Abundance Ion 43.00 (42.70 to 43.70): VN060830.D (-1979) (-)

Ion 61.00 (60.70 to 61.70): VN060830.D (-1979) (-)

Ion 87.00 (86.70 to 87.70): VN060830.D (-1979) (-)

Time-->



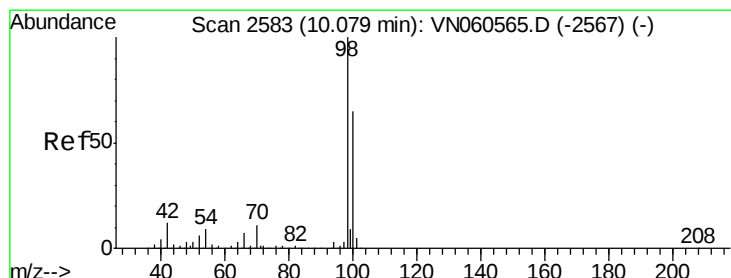
Abundance

Ion 43.00 (42.70 to 43.70): VN060830.D (-1979) (-)

Ion 61.00 (60.70 to 61.70): VN060830.D (-1979) (-)

Ion 87.00 (86.70 to 87.70): VN060830.D (-1979) (-)

Time-->



#50

Toluene-d8

Concen: 49.757 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060830.D

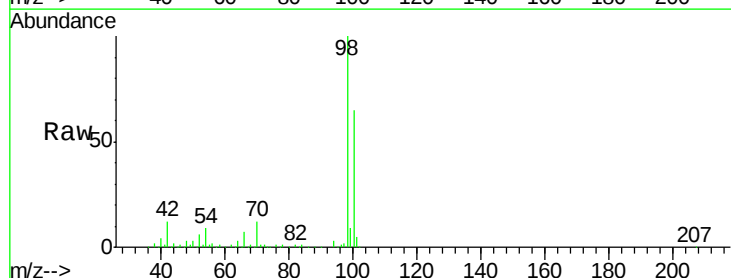
Acq: 2 Apr 2020 18:35

Tgt Ion: 98 Resp: 413743

Ion Ratio Lower Upper

98 100

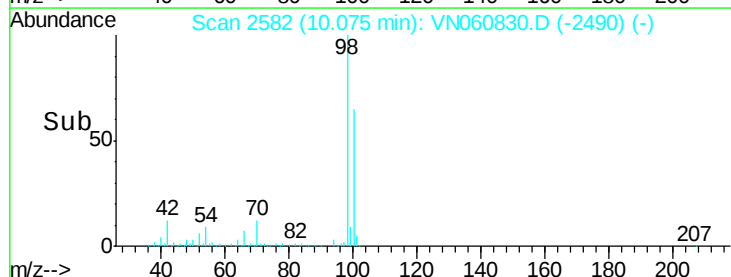
100 65.4 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060830.D (-2582) (-)

Ion 100.00 (99.70 to 100.70): VN060830.D (-2582) (-)

Time-->



Abundance

Ion 98.00 (97.70 to 98.70): VN060830.D (-2582) (-)

Ion 100.00 (99.70 to 100.70): VN060830.D (-2582) (-)

Time-->



#62

4-Bromofluorobenzene

Concen: 51.672 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060830.D

Acq: 2 Apr 2020 18:35

Instrument :

MSVOA_N

ClientSampleId :

239-WC-S-SB-BC

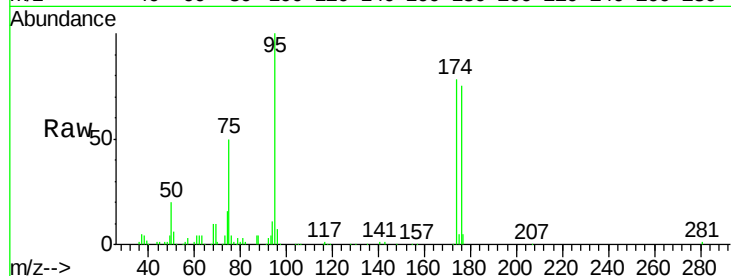
Tot Ion: 95 Resp: 157469

Ion Ratio Lower Upper

95 100

174 77.7 0.0 157.6

176 75.5 0.0 150.6

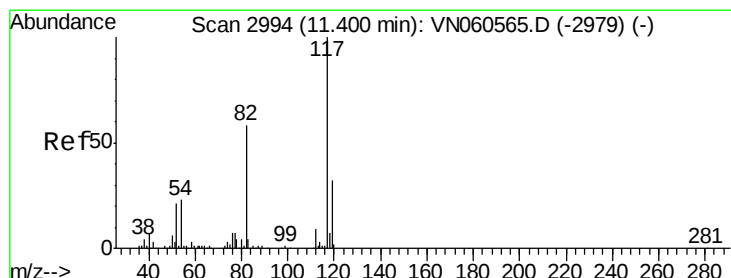
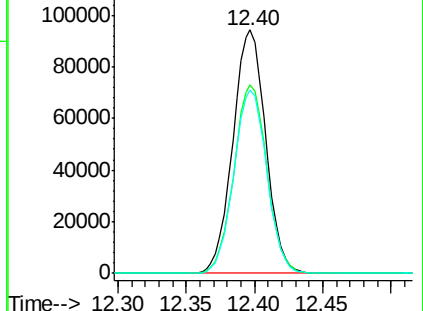
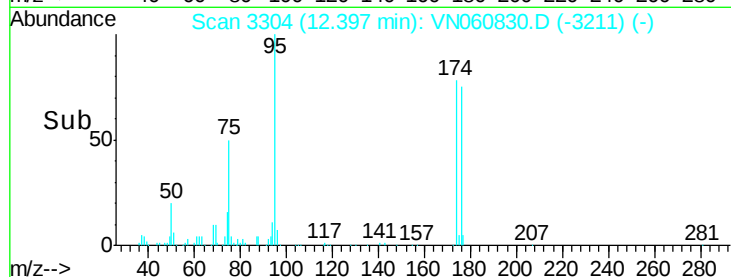


Abundance Ion 94.90 (94.60 to 95.60): VN060830.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060830.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060830.D (-3211) (-)

Time--> 12.30 12.35 12.40 12.45



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060830.D

Acq: 2 Apr 2020 18:35

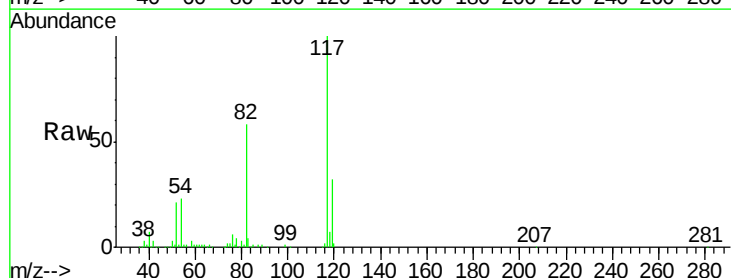
Tgt Ion: 117 Resp: 318437

Ion Ratio Lower Upper

117 100

82 58.3 46.7 70.1

119 32.2 25.5 38.3

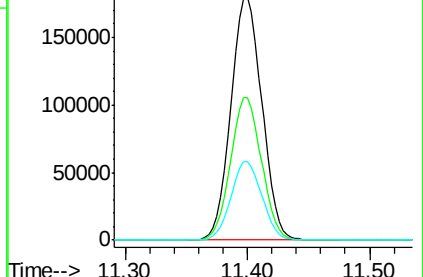
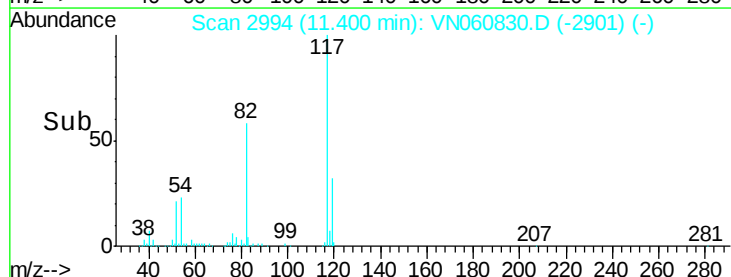


Abundance Ion 116.90 (116.60 to 117.60): VN060830.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060830.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060830.D (-2901) (-)

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060830.D

Acq: 2 Apr 2020 18:35

Instrument :

MSVOA_N

ClientSampleId :

239-WC-S-SB-BC

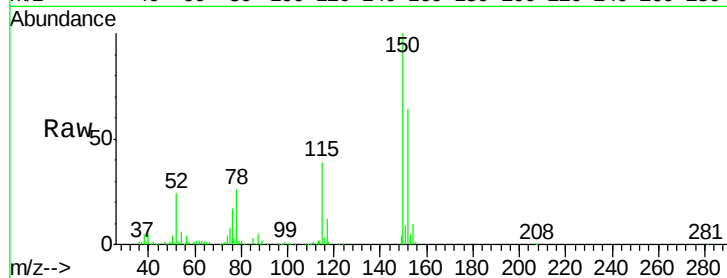
Tot Ion:152 Resp: 146076

Ion Ratio Lower Upper

152 100

115 59.9 30.2 90.6

150 157.4 0.0 350.2



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

