

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040620\
 Data File : VN060848.D
 Acq On : 6 Apr 2020 14:04
 Operator : JC/MD
 Sample : L2129-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-7

Quant Time: Apr 07 08:05:08 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

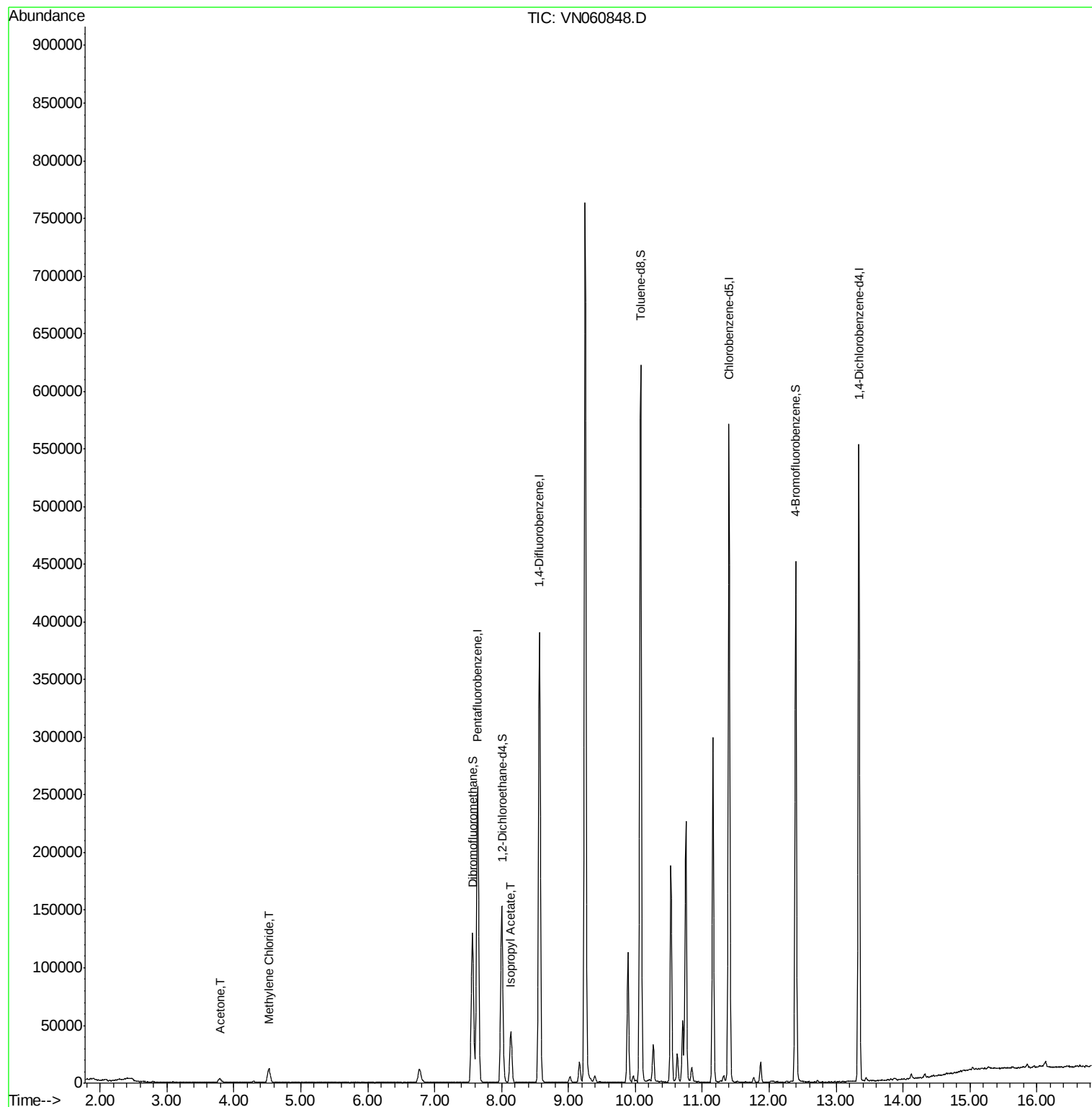
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	209890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	347758	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	321784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	142765	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	132969	46.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.30%	
35) Dibromofluoromethane	7.57	113	102556	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
50) Toluene-d8	10.08	98	427585	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.40	95	158726	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
Target Compounds						
16) Acetone	3.79	43	6839	6.701	ug/l	98
20) Methylene Chloride	4.53	84	9073	3.614	ug/l	97
43) Isopropyl Acetate	8.14	43	55044	9.173	ug/l #	90

(#) = 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# 1826

Delta R.T. 0.00 min

Lab File: VN060848.D

Acq: 6 Apr 2020 14:04

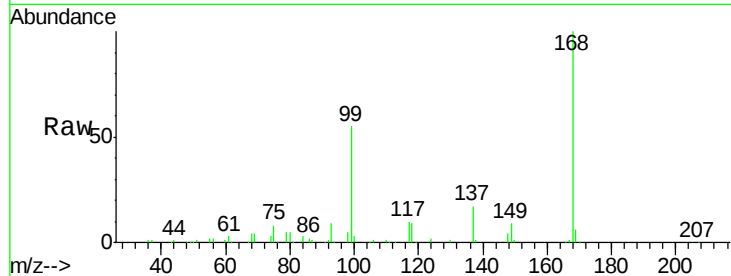
Instrument :
MSVOA_N
ClientSampled :
TP-7

Tot Ion:168 Resp: 209890

Ion Ratio Lower Upper

168 100

99 55.2 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

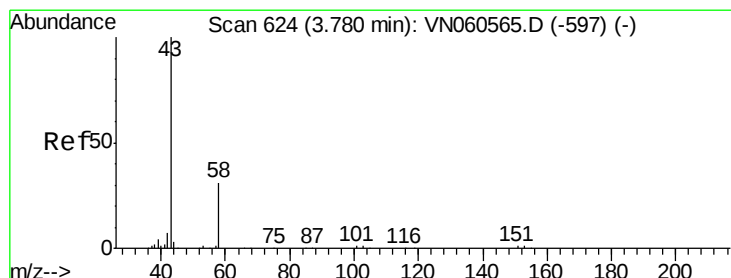
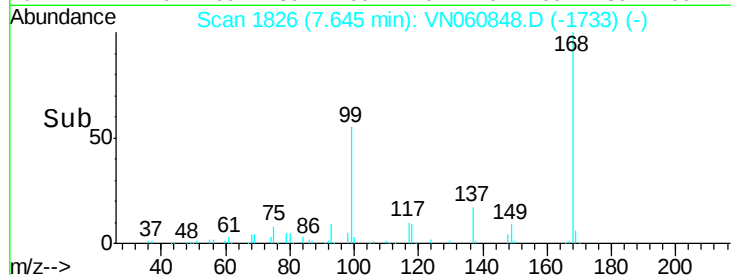
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 6.701 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060848.D

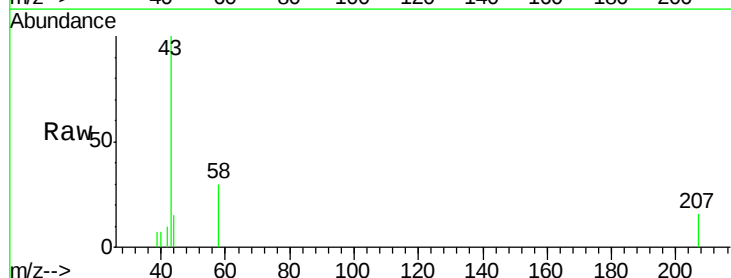
Acq: 6 Apr 2020 14:04

Tgt Ion: 43 Resp: 6839

Ion Ratio Lower Upper

43 100

58 30.4 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.79

2500

2000

1500

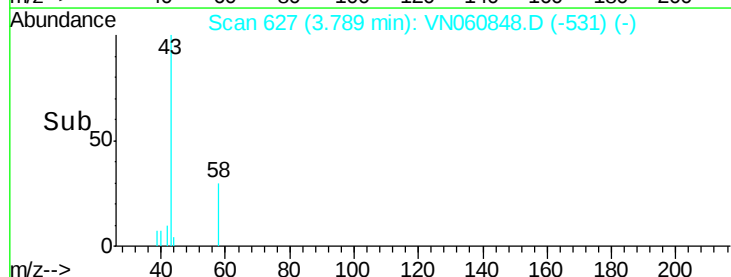
1000

500

0

3.70 3.75 3.80 3.85

Time-->

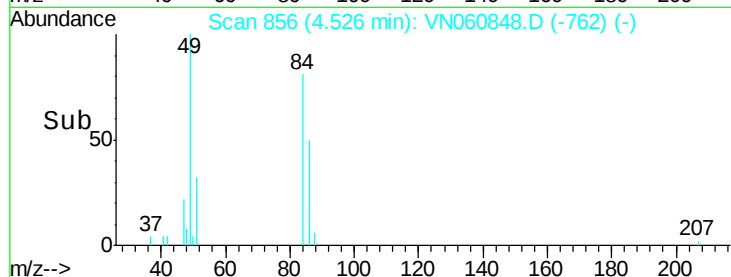
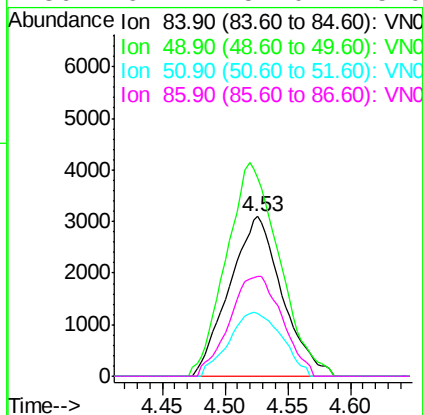
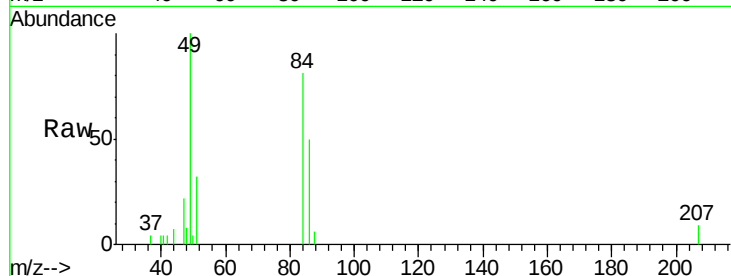




#20
Methylene Chloride
Concen: 3.614 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060848.D
Acq: 6 Apr 2020 14:04

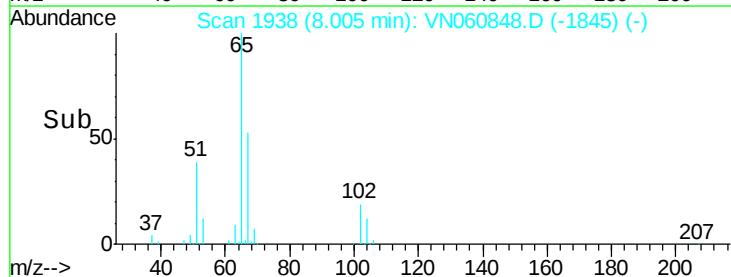
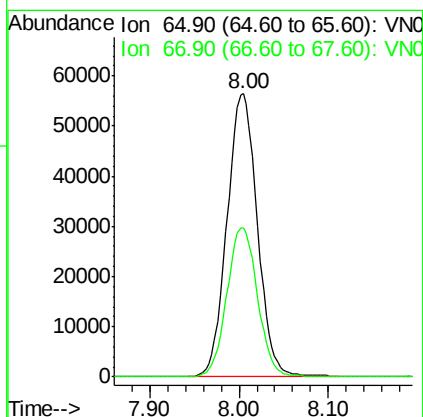
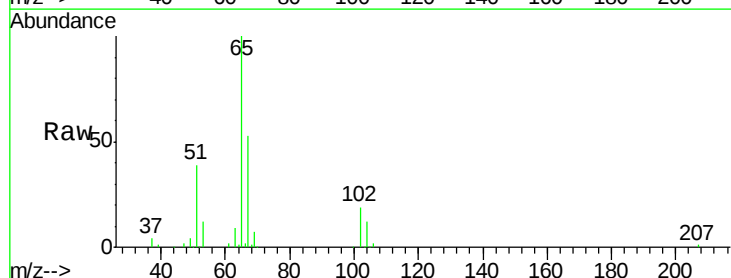
Instrument :
MSVOA_N
ClientSampled :
TP-7

Tot Ion:	84	Resp:	9073
Ion	Ratio	Lower	Upper
84	100		
49	124.2	103.3	154.9
51	39.1	31.6	47.4
86	62.4	52.0	78.0



#33
1,2-Dichloroethane-d4
Concen: 46.149 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060848.D
Acq: 6 Apr 2020 14:04

Tgt Ion:	65	Resp:	132969
Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	107.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN060848.D

Acq: 6 Apr 2020 14:04

Instrument :

MSVOA_N

ClientSampleId :

TP-7

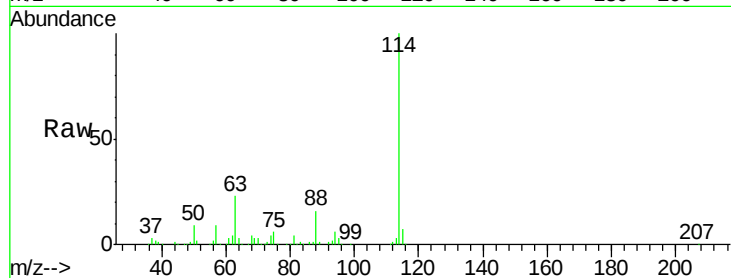
Tot Ion:114 Resp: 347758

Ion Ratio Lower Upper

114 100

63 22.8 0.0 43.8

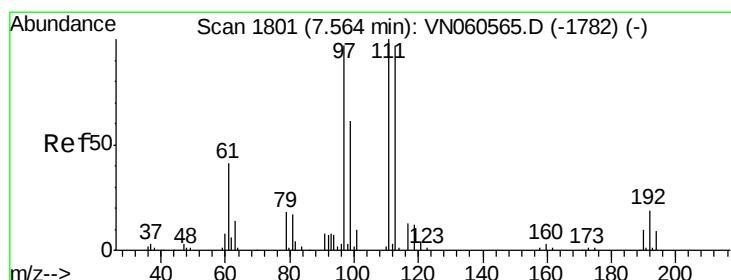
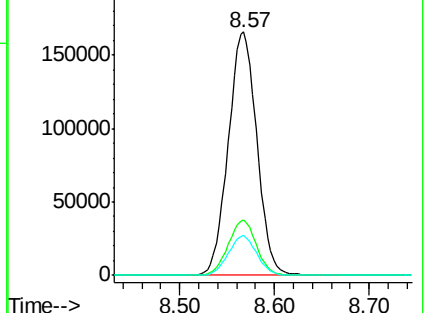
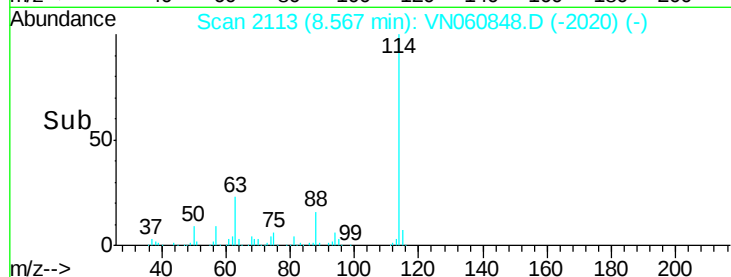
88 16.3 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 48.772 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060848.D

Acq: 6 Apr 2020 14:04

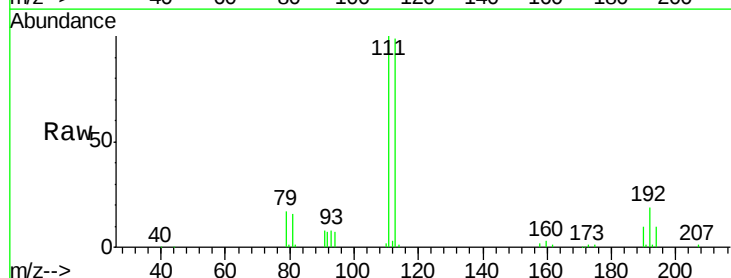
Tgt Ion:113 Resp: 102556

Ion Ratio Lower Upper

113 100

111 102.7 82.9 124.3

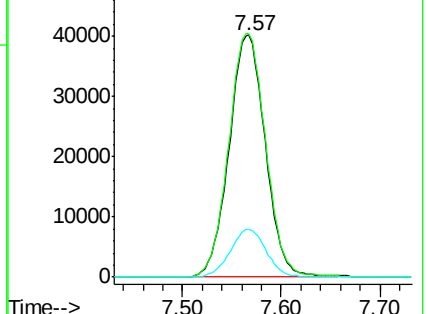
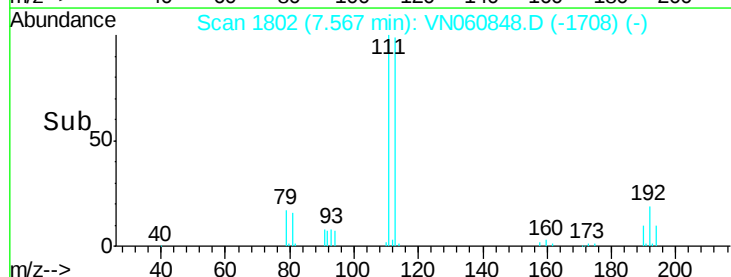
192 19.5 15.8 23.8

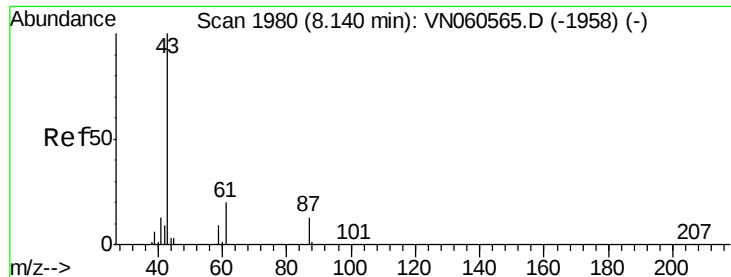


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.173 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060848.D

Acq: 6 Apr 2020 14:04

Instrument :

MSVOA_N

ClientSampleId :

TP-7

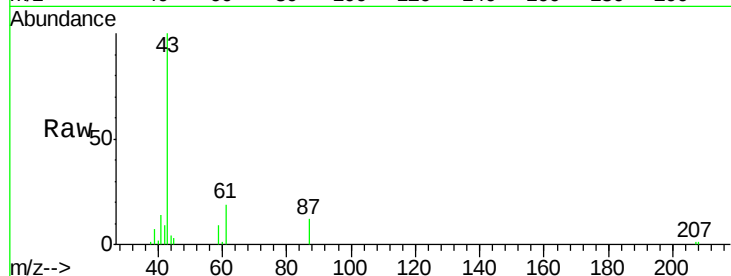
Tot Ion: 43 Resp: 55044

Ion Ratio Lower Upper

43 100

61 18.6 20.7 31.1#

87 11.8 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-1958) (-)

Ion 61.00 (60.70 to 61.70): VN060565.D (-1958) (-)

Ion 87.00 (86.70 to 87.70): VN060565.D (-1958) (-)

Time-->

8.05 8.10 8.15 8.20 8.25

8.14

25000

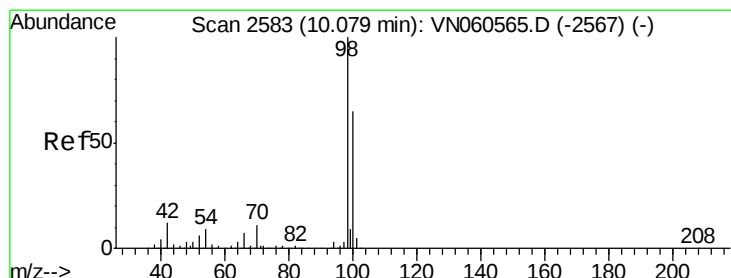
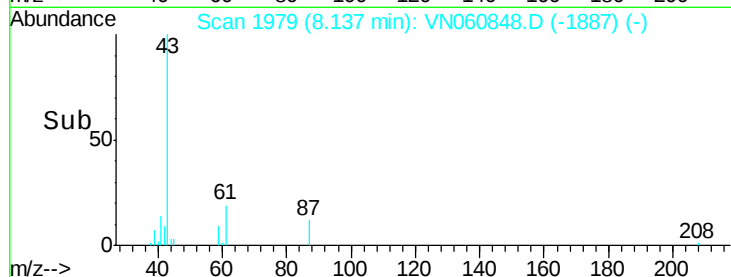
20000

15000

10000

5000

0



#50

Toluene-d8

Concen: 49.783 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060848.D

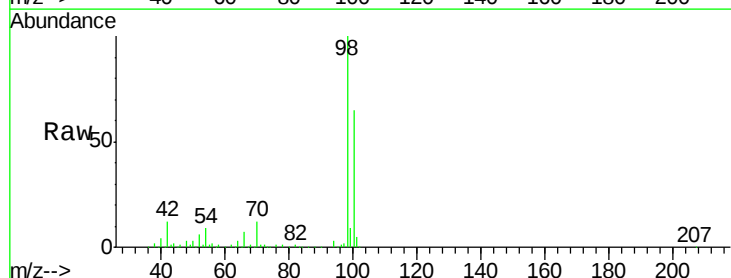
Acq: 6 Apr 2020 14:04

Tgt Ion: 98 Resp: 427585

Ion Ratio Lower Upper

98 100

100 65.0 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060565.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060565.D (-2567) (-)

Time-->

10.00 10.10 10.20

10.08

250000

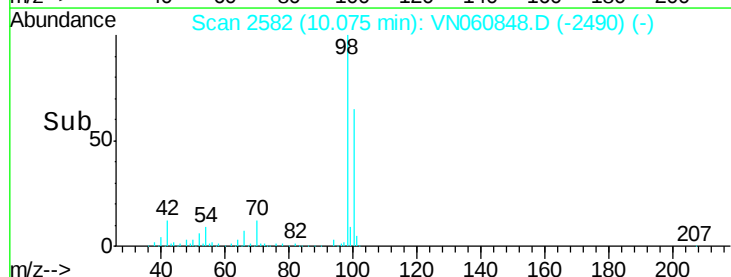
200000

150000

100000

50000

0





#62

4-Bromofluorobenzene

Concen: 50.425 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060848.D

Acq: 6 Apr 2020 14:04

Instrument :

MSVOA_N

ClientSampleId :

TP-7

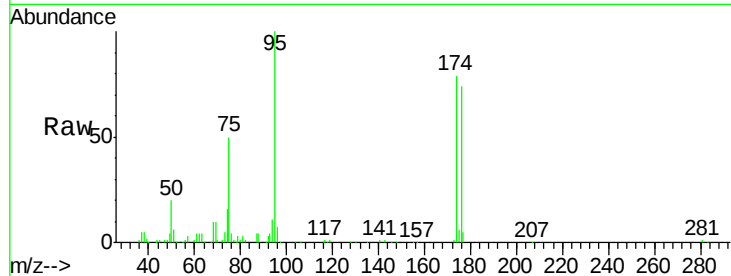
Tot Ion: 95 Resp: 158726

Ion Ratio Lower Upper

95 100

174 77.7 0.0 157.6

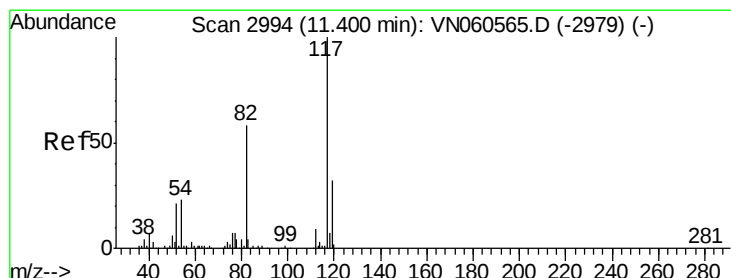
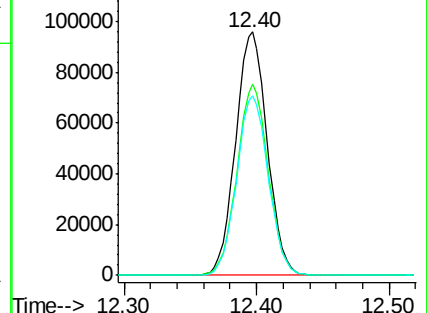
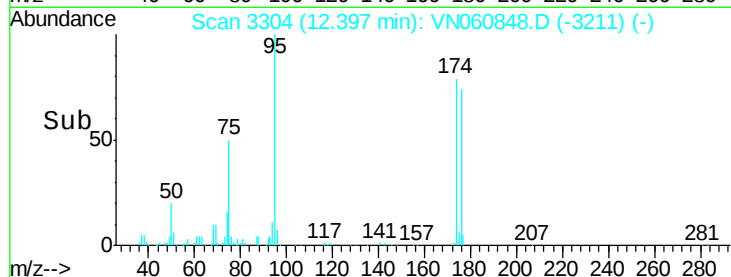
176 74.1 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060848.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060848.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060848.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060848.D

Acq: 6 Apr 2020 14:04

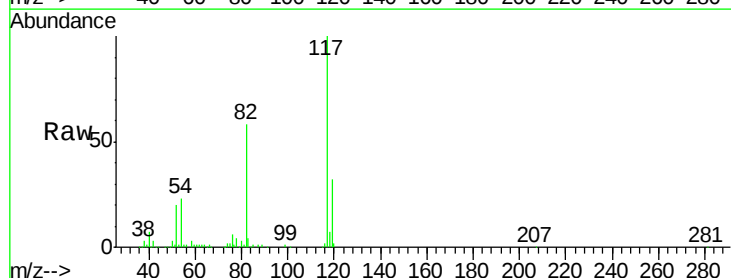
Tgt Ion: 117 Resp: 321784

Ion Ratio Lower Upper

117 100

82 57.6 46.7 70.1

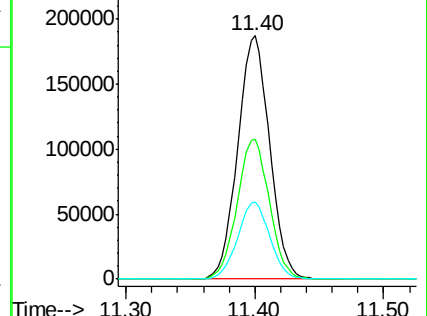
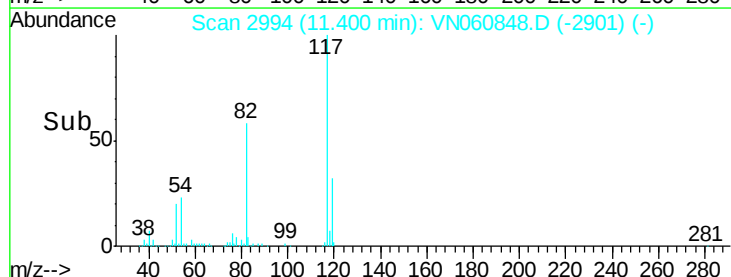
119 31.9 25.5 38.3

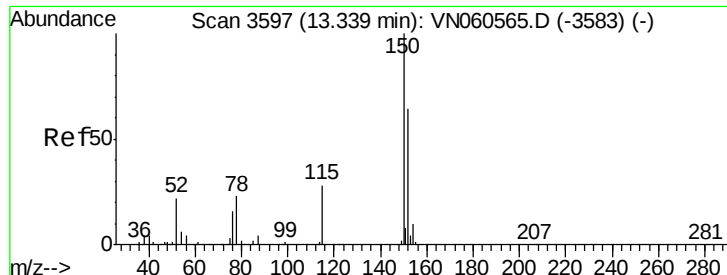


Abundance Ion 116.90 (116.60 to 117.60): VN060848.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060848.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060848.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060848.D

Acq: 6 Apr 2020 14:04

Instrument :

MSVOA_N

ClientSampleId :

TP-7

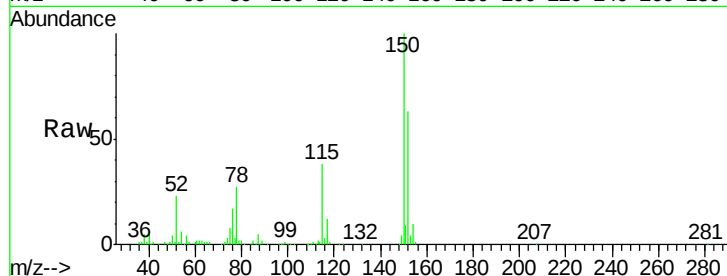
Tot Ion:152 Resp: 142765

Ion Ratio Lower Upper

152 100

115 60.7 30.2 90.6

150 158.1 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

