

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033120\
 Data File : VN060801.D
 Acq On : 31 Mar 2020 21:00
 Operator : JC/MD
 Sample : PB127897ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127897ZHE#08

Quant Time: Apr 01 08:52:32 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

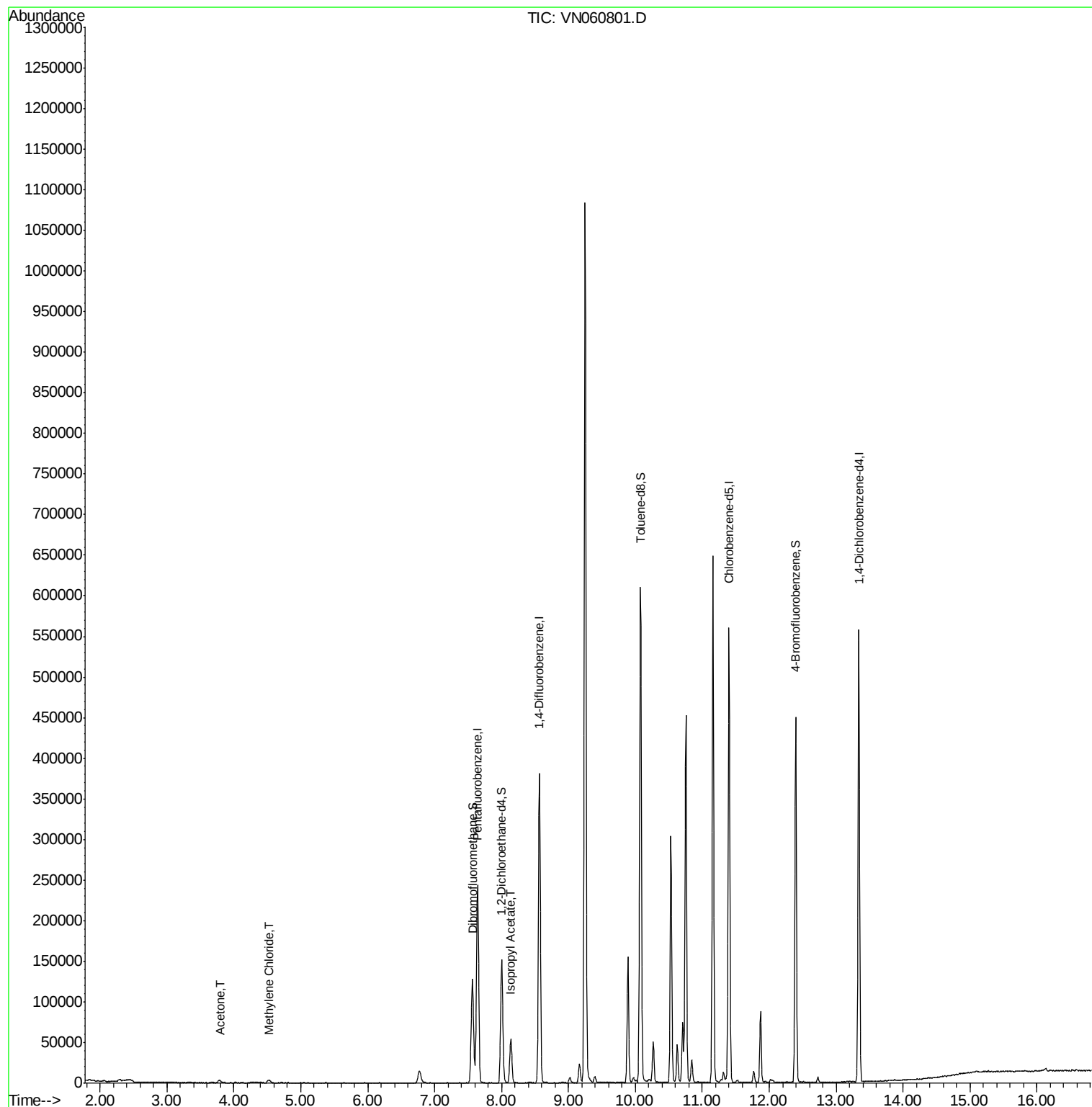
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	199019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	336684	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	318176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	147029	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	130393	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
35) Dibromofluoromethane	7.56	113	99640	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.88%	
50) Toluene-d8	10.08	98	418040	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
62) 4-Bromofluorobenzene	12.39	95	158215	51.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.84%	
Target Compounds						
16) Acetone	3.79	43	6294	6.504	ug/l	93
20) Methylene Chloride	4.52	84	2816	1.183	ug/l #	91
43) Isopropyl Acetate	8.14	43	65638	11.298	ug/l #	91

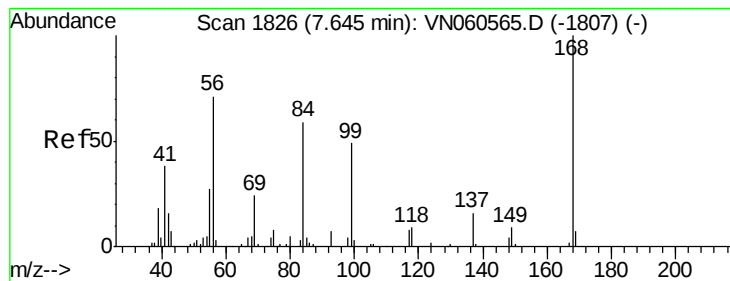
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060801.D

Acq: 31 Mar 2020 21:00

Instrument :

MSVOA_N

ClientSampleId :

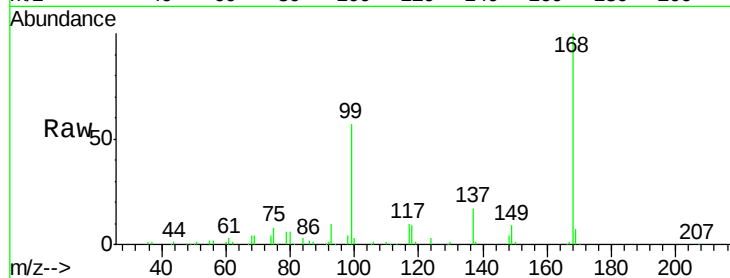
PB127897ZHE#08

Tot Ion:168 Resp: 199019

Ion Ratio Lower Upper

168 100

99 56.7 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

60000

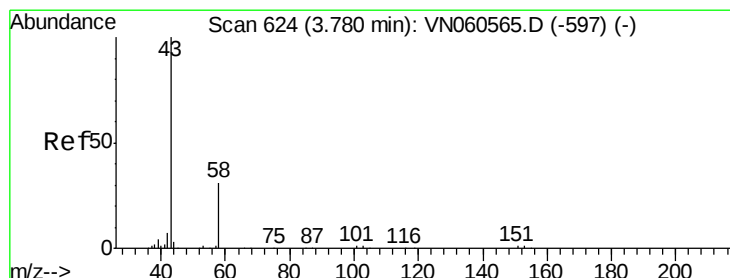
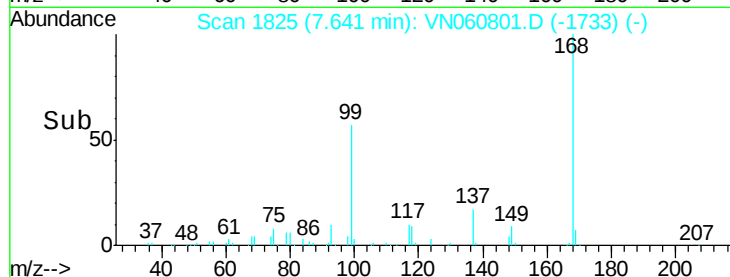
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 6.504 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060801.D

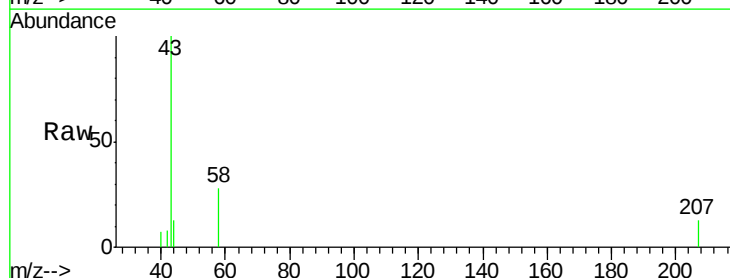
Acq: 31 Mar 2020 21:00

Tgt Ion: 43 Resp: 6294

Ion Ratio Lower Upper

43 100

58 27.6 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.79

2500

2000

1500

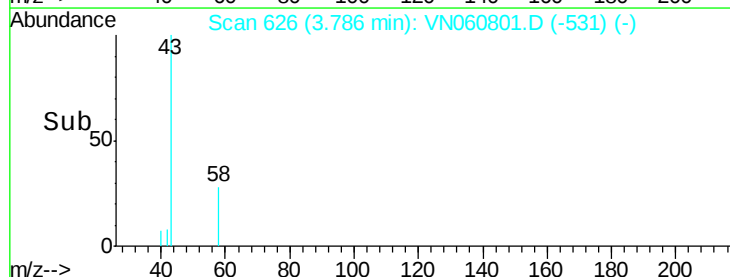
1000

500

0

3.70 3.75 3.80 3.85

Time-->

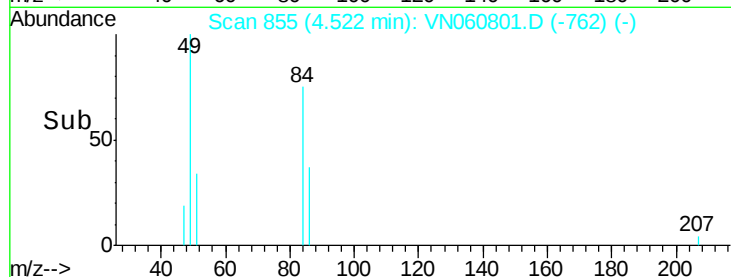
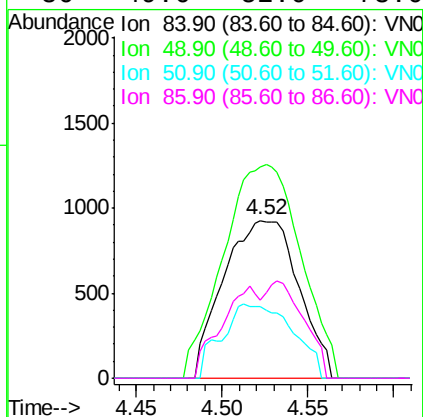
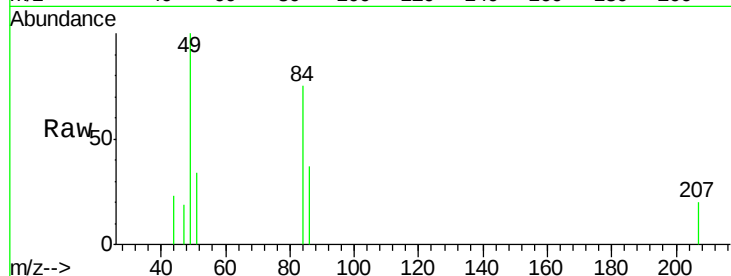




#20
Methvlene Chloride
Concen: 1.183 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060801.D
Acq: 31 Mar 2020 21:00

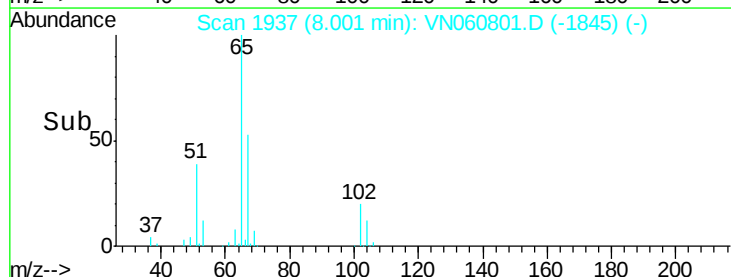
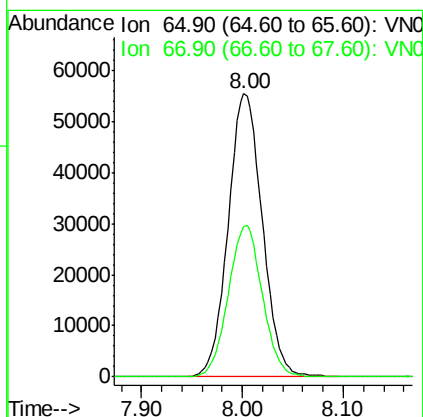
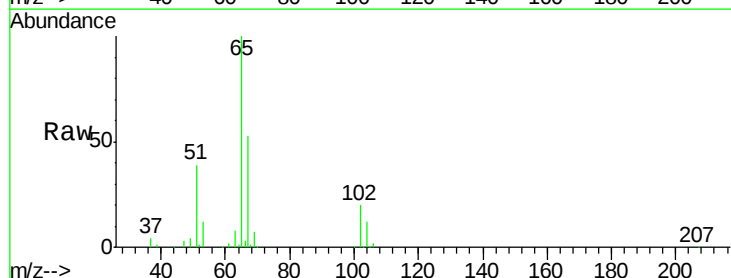
Instrument :
MSVOA_N
ClientSampleId :
PB127897ZHE#08

Tot Ion: 84 Resp: 2816
Ion Ratio Lower Upper
84 100
49 133.8 103.3 154.9
51 45.5 31.6 47.4
86 49.6 52.0 78.0#



#33
1,2-Dichloroethane-d4
Concen: 47.727 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060801.D
Acq: 31 Mar 2020 21:00

Tgt Ion: 65 Resp: 130393
Ion Ratio Lower Upper
65 100
67 53.4 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: VN060801.D

Acq: 31 Mar 2020 21:00

Instrument :

MSVOA_N

ClientSampleId :

PB127897ZHE#08

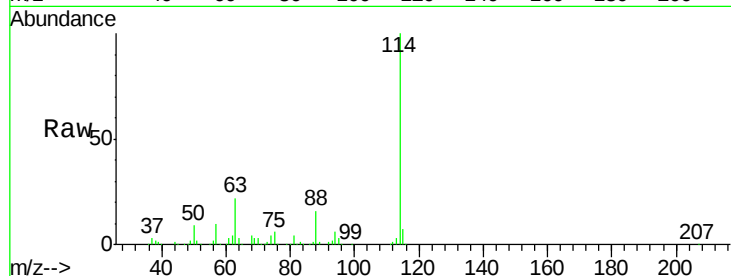
Tot Ion:114 Resp: 336684

Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.8

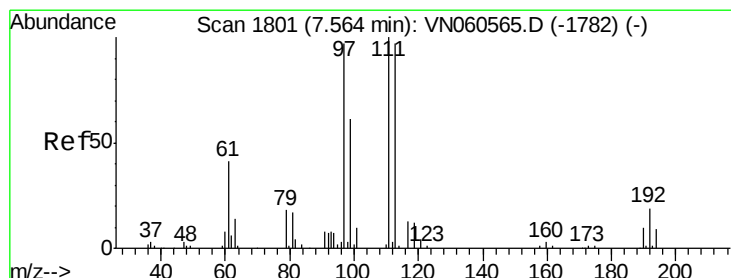
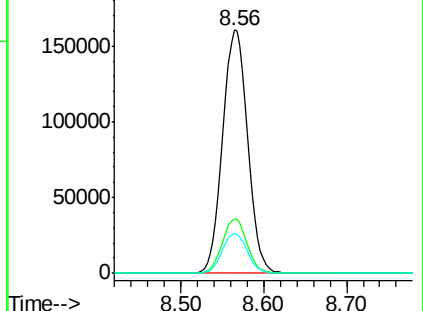
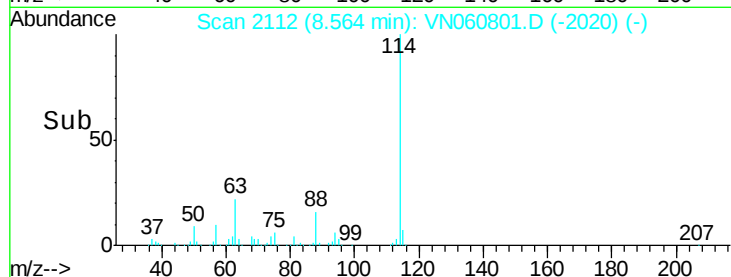
88 16.4 0.0 33.0



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: 48.943 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060801.D

Acq: 31 Mar 2020 21:00

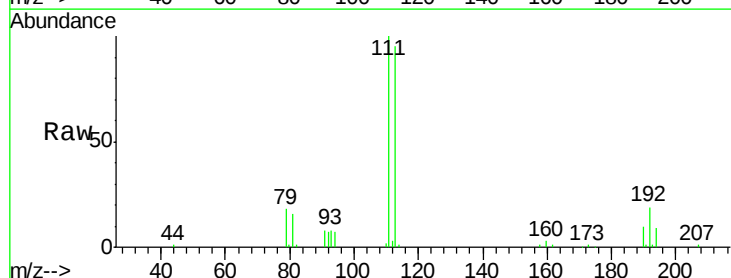
Tgt Ion:113 Resp: 99640

Ion Ratio Lower Upper

113 100

111 104.2 82.9 124.3

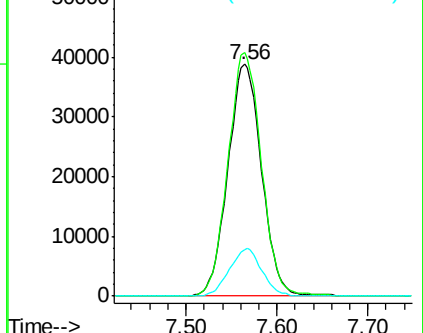
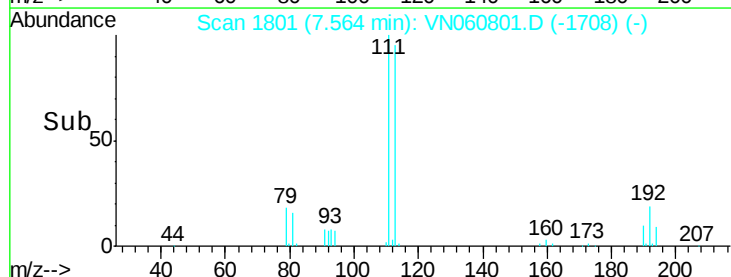
192 19.8 15.8 23.8

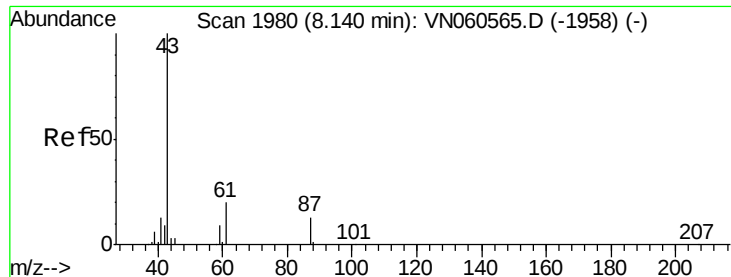


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 11.298 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060801.D

Acq: 31 Mar 2020 21:00

Instrument :

MSVOA_N

ClientSampleId :

PB127897ZHE#08

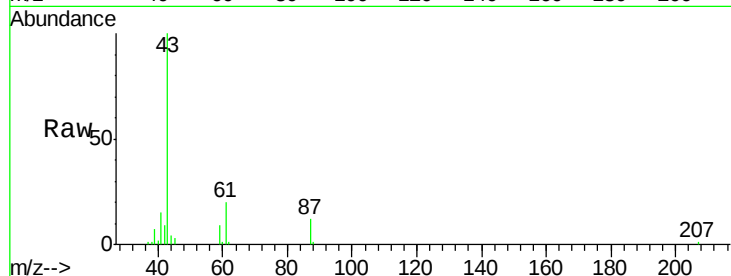
Tot Ion: 43 Resp: 65638

Ion Ratio Lower Upper

43 100

61 19.8 20.7 31.1#

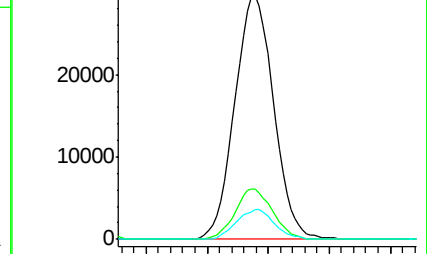
87 11.8 9.8 14.8



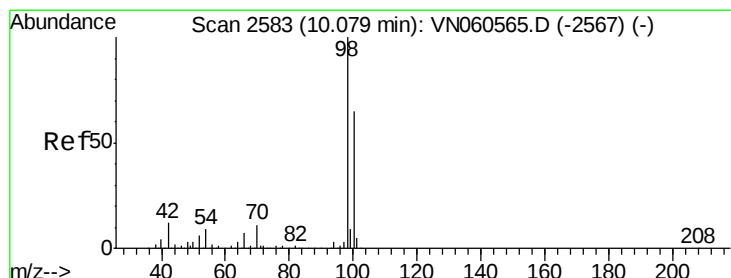
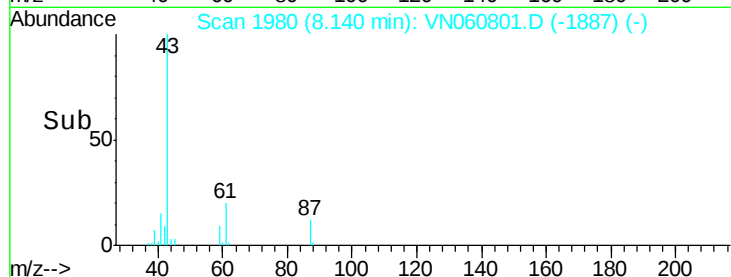
Abundance Ion 43.00 (42.70 to 43.70): VN060801.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN060801.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN060801.D (-1887) (-)



Time-->



#50

Toluene-d8

Concen: 50.272 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060801.D

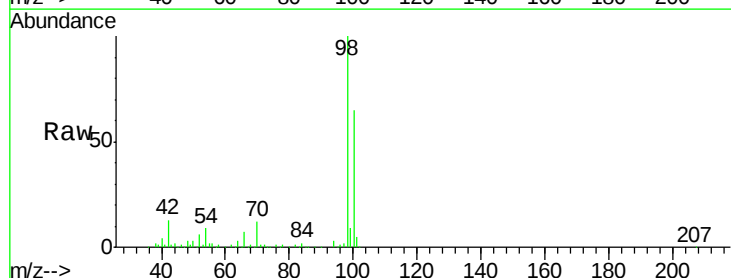
Acq: 31 Mar 2020 21:00

Tgt Ion: 98 Resp: 418040

Ion Ratio Lower Upper

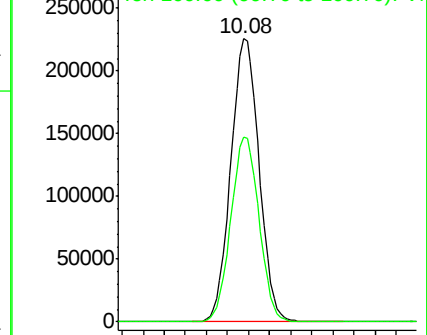
98 100

100 65.1 51.8 77.8

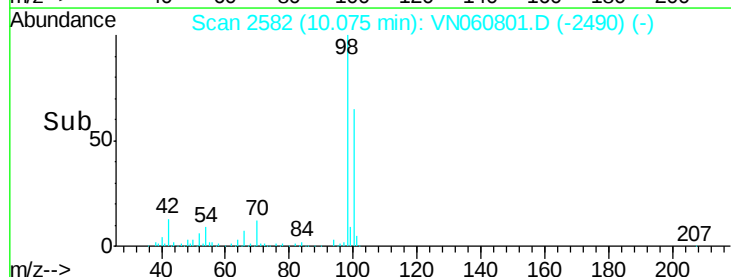


Abundance Ion 98.00 (97.70 to 98.70): VN060801.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060801.D (-2490) (-)



Time-->





#62

4-Bromofluorobenzene

Concen: 51.916 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.00 min

Lab File: VN060801.D

Acq: 31 Mar 2020 21:00

Instrument :

MSVOA_N

ClientSampleId :

PB127897ZHE#08

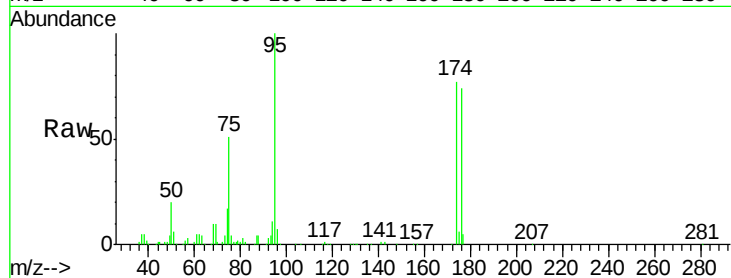
Tot Ion: 95 Resp: 158215

Ion Ratio Lower Upper

95 100

174 78.3 0.0 157.6

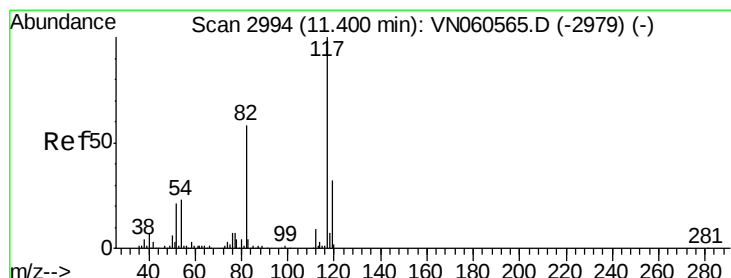
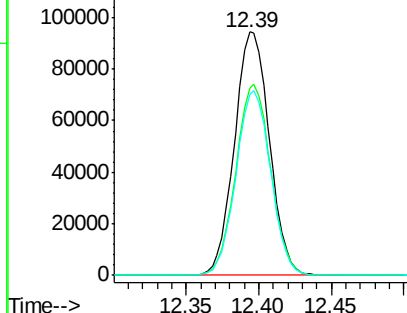
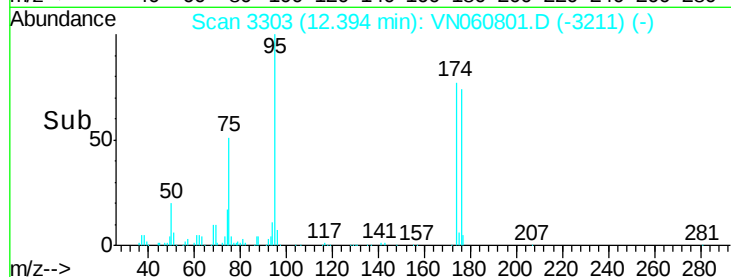
176 75.4 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060801.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060801.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060801.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060801.D

Acq: 31 Mar 2020 21:00

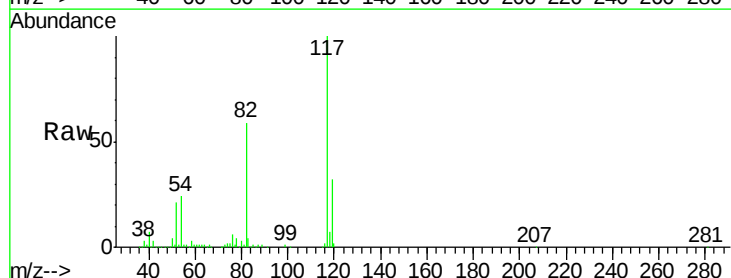
Tgt Ion: 117 Resp: 318176

Ion Ratio Lower Upper

117 100

82 58.7 46.7 70.1

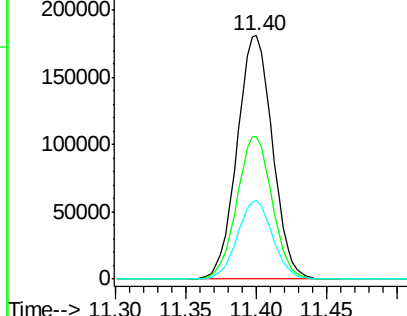
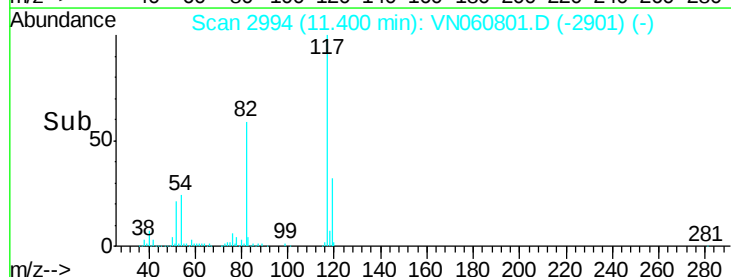
119 32.0 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN060801.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060801.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060801.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: VN060801.D

Acq: 31 Mar 2020 21:00

Instrument :

MSVOA_N

ClientSampleId :

PB127897ZHE#08

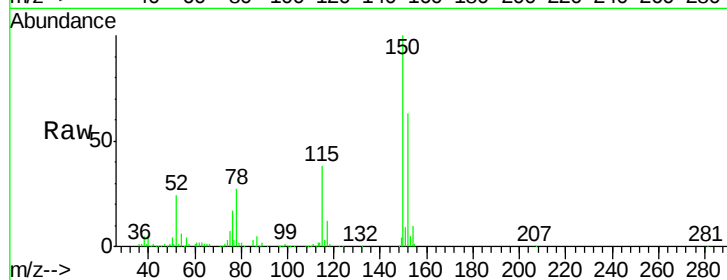
Tot Ion:152 Resp: 147029

Ion Ratio Lower Upper

152 100

115 60.0 30.2 90.6

150 156.9 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

