

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022520\
 Data File : VN060235.D
 Acq On : 25 Feb 2020 15:36
 Operator : JC/MD
 Sample : PB127055ZHE#16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127055ZHE#16

Quant Time: Feb 25 22:50:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

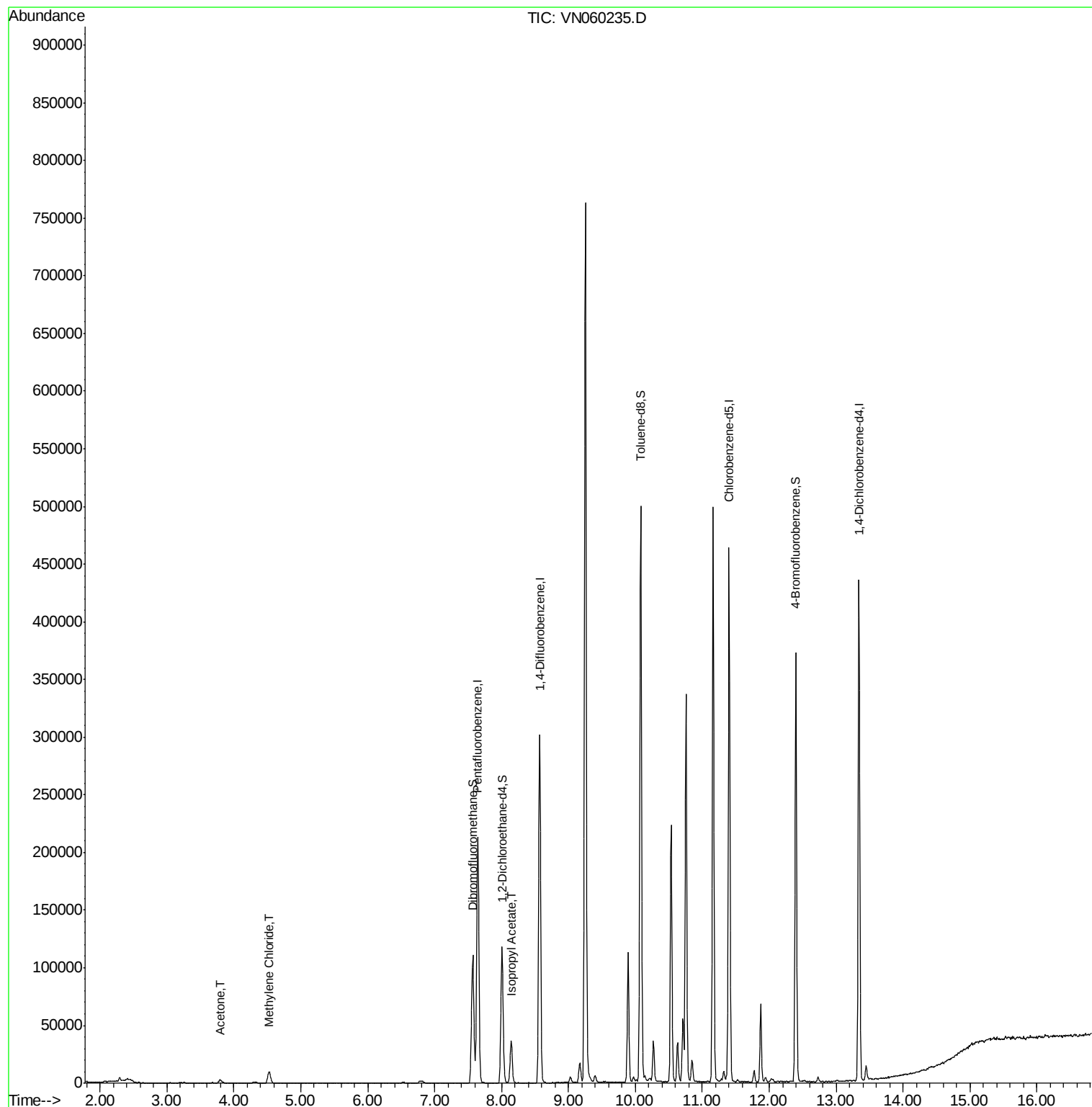
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	177885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	281231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	266320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	121000	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	105075	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.08%	
35) Dibromofluoromethane	7.57	113	83721	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.86%	
50) Toluene-d8	10.08	98	339763	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
62) 4-Bromofluorobenzene	12.40	95	124191	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
Target Compounds						
16) Acetone	3.79	43	5719	6.057	ug/l	97
20) Methylene Chloride	4.53	84	8512	4.519	ug/l	94
43) Isopropyl Acetate	8.14	43	43623	10.840	ug/l #	90

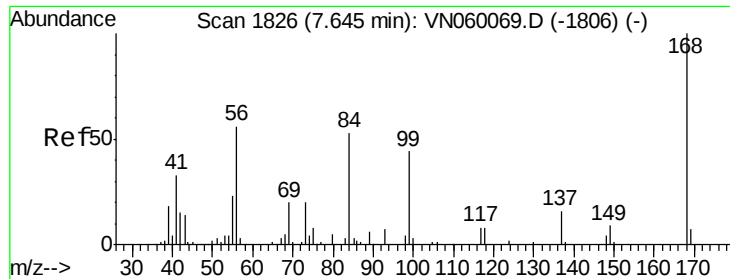
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022520\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060235.D

Acq: 25 Feb 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

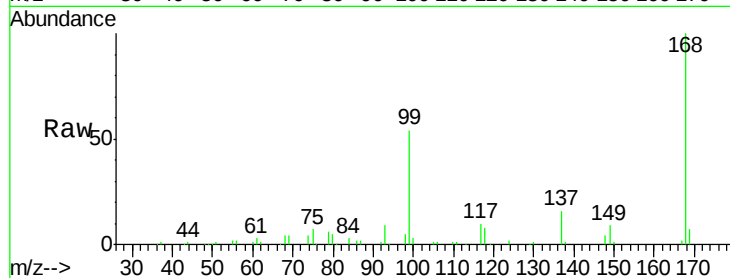
PB127055ZHE#16

Tot Ion:168 Resp: 177885

Ion Ratio Lower Upper

168 100

99 54.0 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

80000

60000

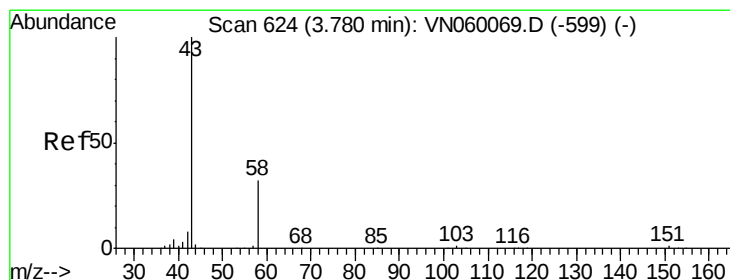
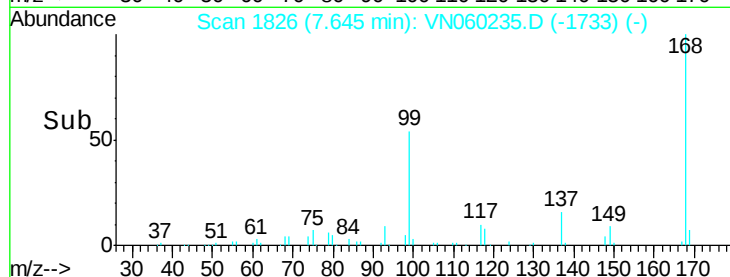
40000

20000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 6.057 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060235.D

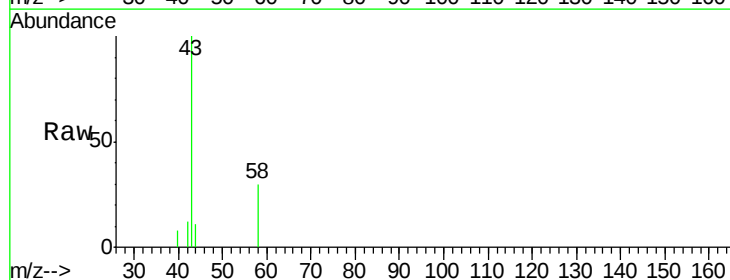
Acq: 25 Feb 2020 15:36

Tgt Ion: 43 Resp: 5719

Ion Ratio Lower Upper

43 100

58 29.6 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.79

2000

1500

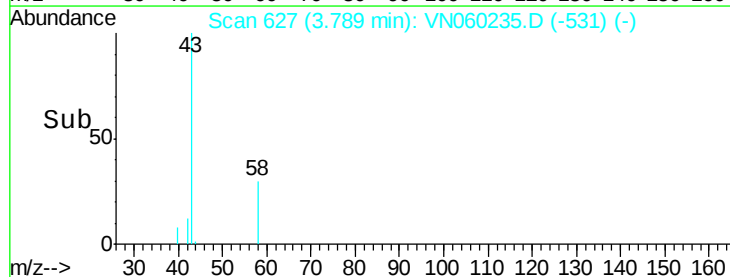
1000

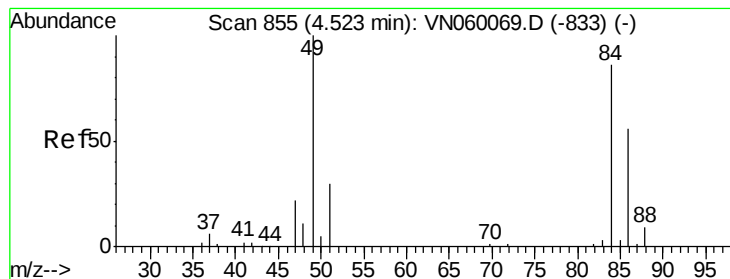
500

0

3.70 3.75 3.80 3.85 3.90

Time-->





#20

Methvlene Chloride

Concen: 4.519 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN060235.D

Acq: 25 Feb 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

PB127055ZHE#16

Tot Ion: 84 Resp: 8512

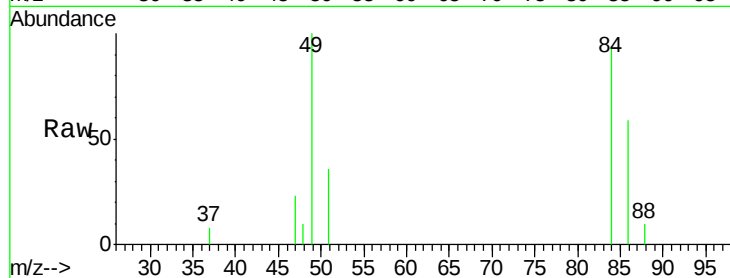
Ion Ratio Lower Upper

84 100

49 106.7 93.4 140.0

51 38.0 28.4 42.6

86 63.4 52.5 78.7

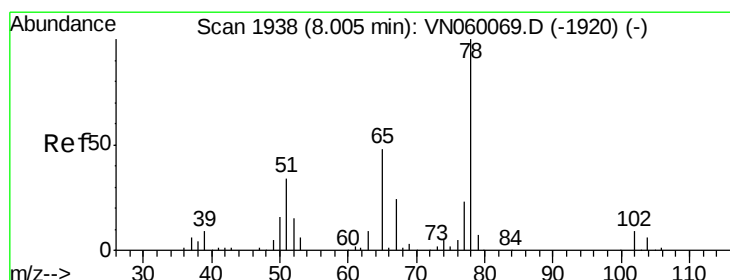
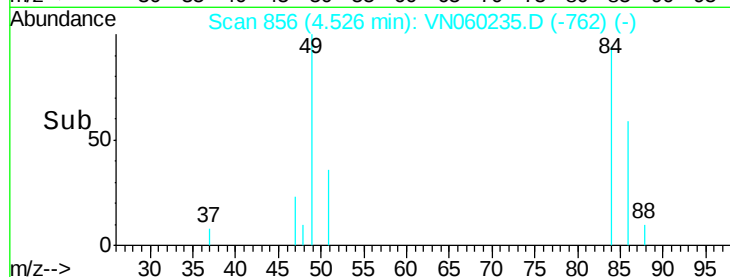
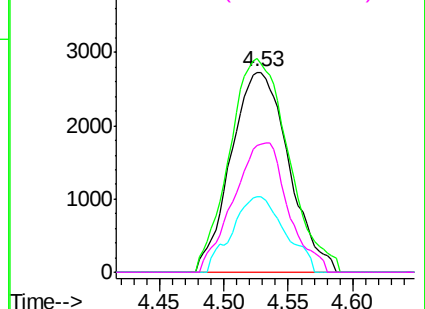


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 48.543 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN060235.D

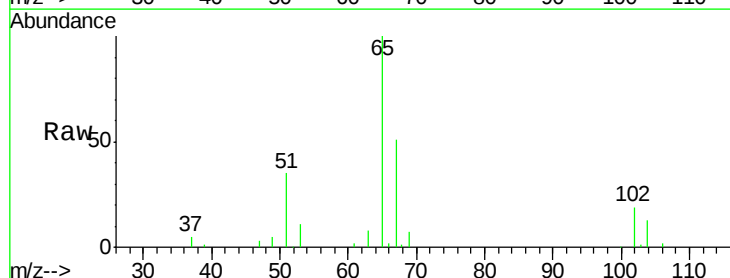
Acq: 25 Feb 2020 15:36

Tgt Ion: 65 Resp: 105075

Ion Ratio Lower Upper

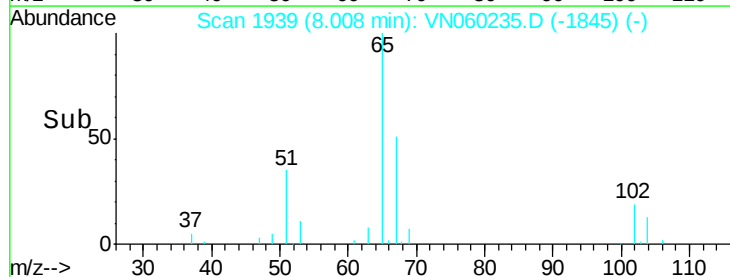
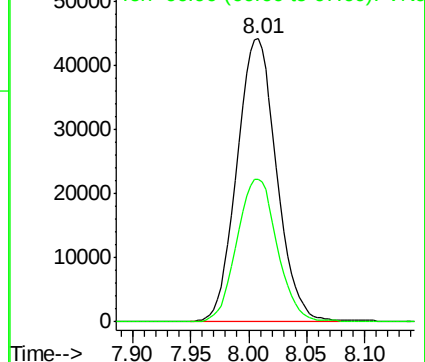
65 100

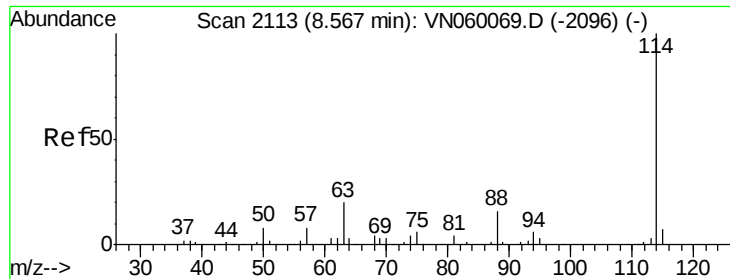
67 51.3 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

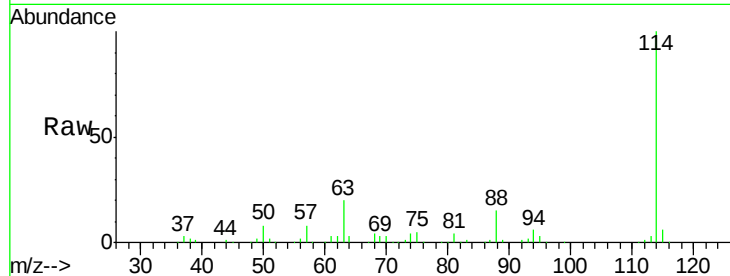




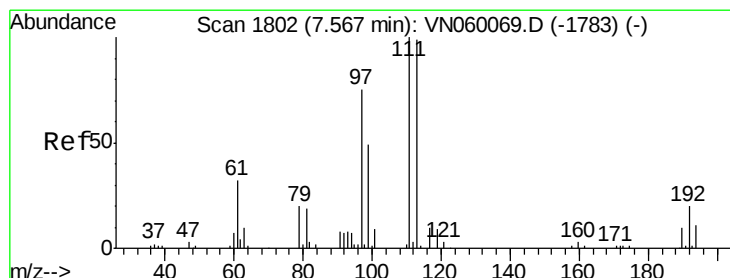
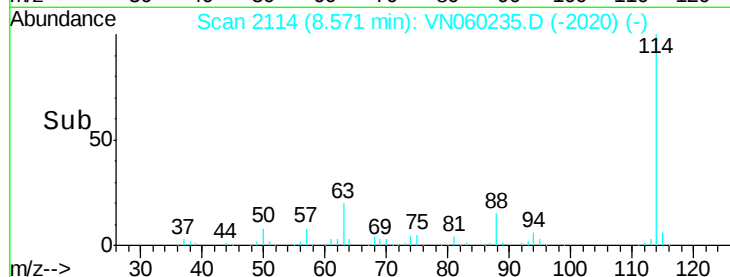
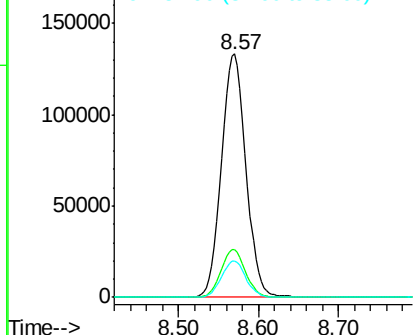
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VN060235.D
Acq: 25 Feb 2020 15:36

Instrument :
MSVOA_N
ClientSampleId :
PB127055ZHE#16

Tot Ion:114 Resp: 281231
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.0
88 14.9 0.0 31.6

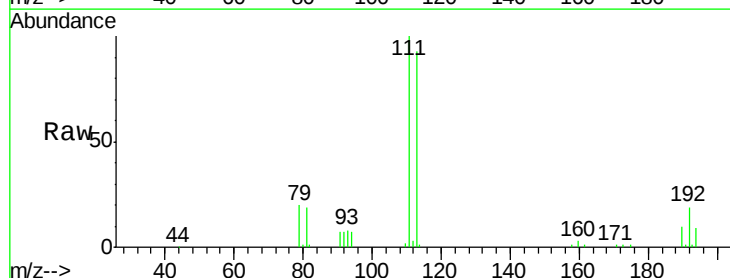


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

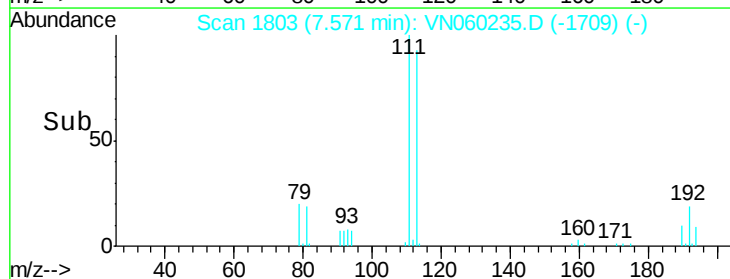
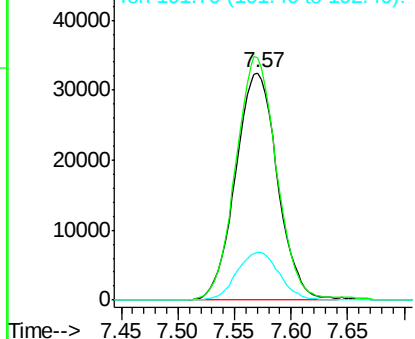


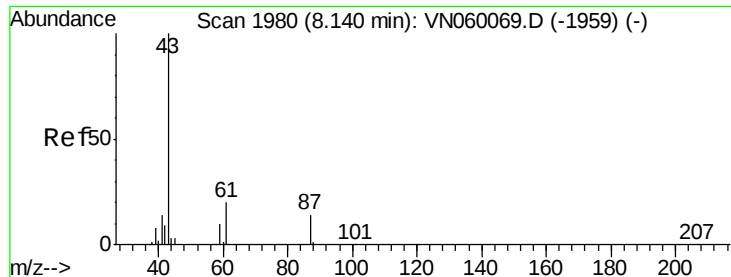
#35
Dibromofluoromethane
Concen: 48.429 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN060235.D
Acq: 25 Feb 2020 15:36

Tgt Ion:113 Resp: 83721
Ion Ratio Lower Upper
113 100
111 105.0 81.4 122.2
192 21.1 16.2 24.2



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: 10.840 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN060235.D

Acq: 25 Feb 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

PB127055ZHE#16

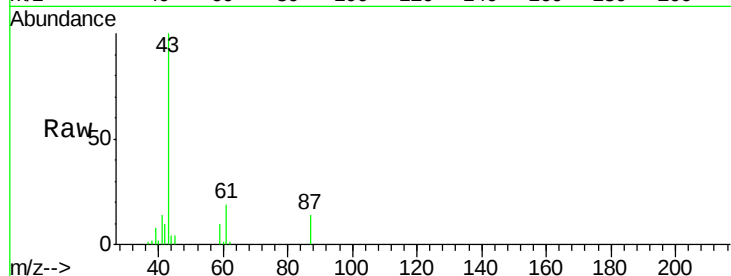
Tot Ion: 43 Resp: 43623

Ion Ratio Lower Upper

43 100

61 19.7 21.8 32.6#

87 13.5 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060069.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060069.D (-1959) (-)

8.14

25000

20000

15000

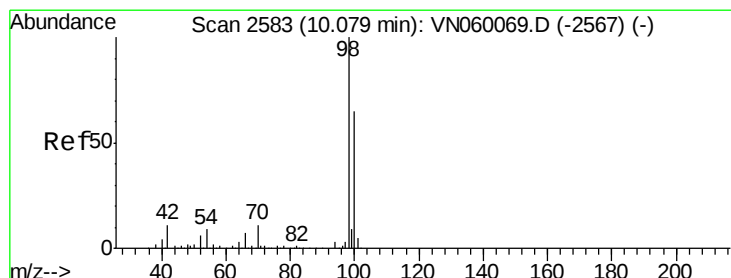
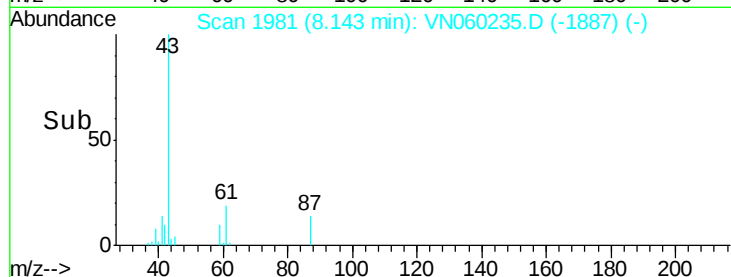
10000

5000

0

Time-->

8.05 8.10 8.15 8.20 8.25



#50

Toluene-d8

Concen: 49.909 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060235.D

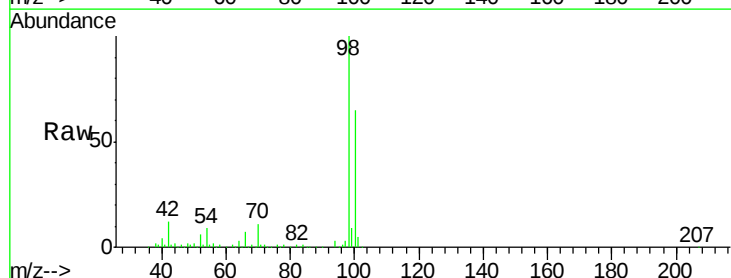
Acq: 25 Feb 2020 15:36

Tgt Ion: 98 Resp: 339763

Ion Ratio Lower Upper

98 100

100 64.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN060069.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060069.D (-2567) (-)

10.08

200000

150000

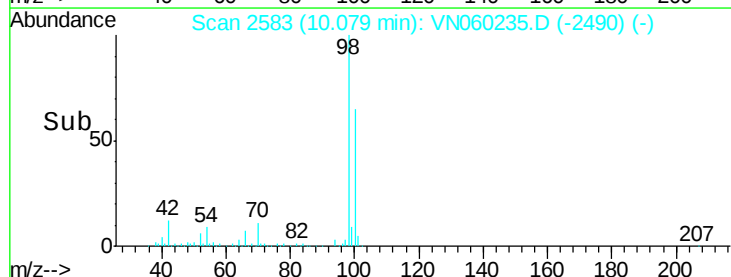
100000

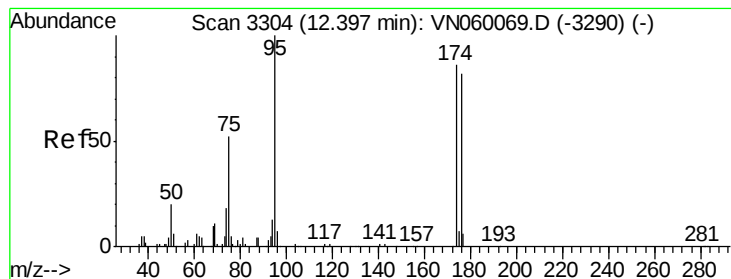
50000

0

Time-->

10.00 10.10 10.20





#62

4-Bromofluorobenzene

Concen: 49.647 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060235.D

Acq: 25 Feb 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

PB127055ZHE#16

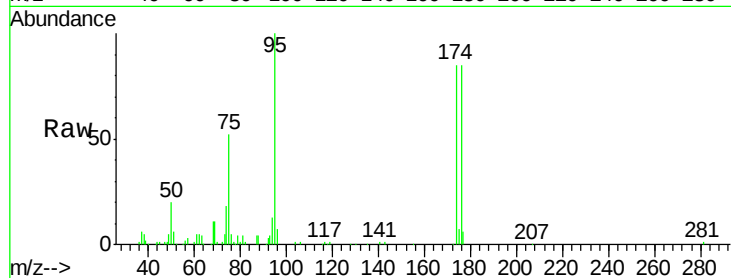
Tot Ion: 95 Resp: 124191

Ion Ratio Lower Upper

95 100

174 85.1 0.0 169.8

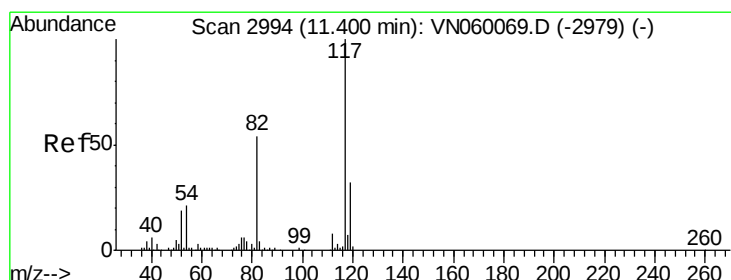
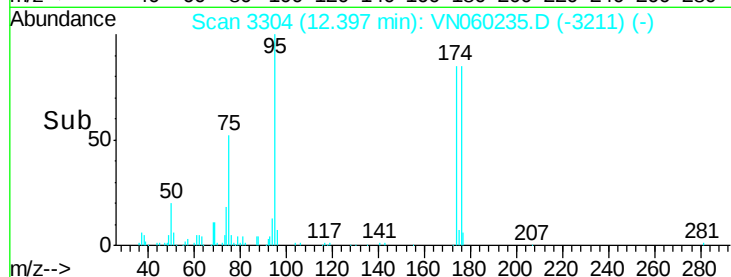
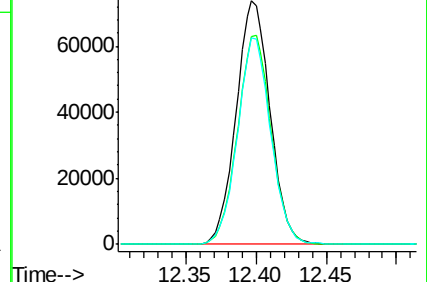
176 83.3 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN060069.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060069.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060069.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060235.D

Acq: 25 Feb 2020 15:36

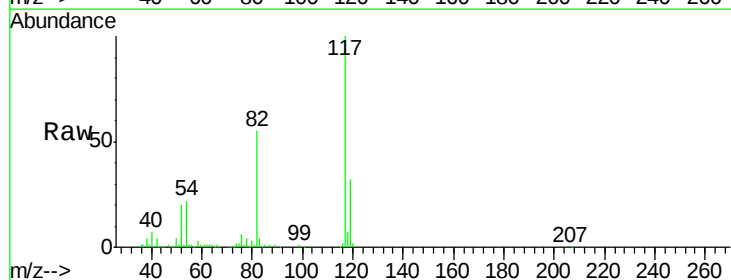
Tgt Ion: 117 Resp: 266320

Ion Ratio Lower Upper

117 100

82 55.0 43.4 65.0

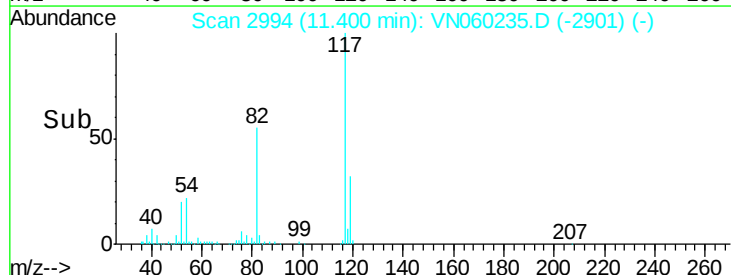
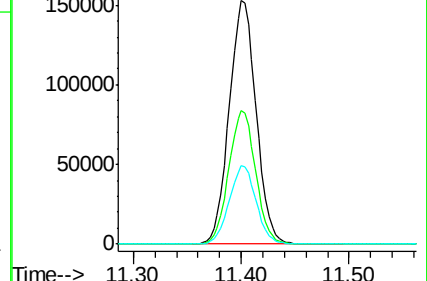
119 32.1 25.8 38.6

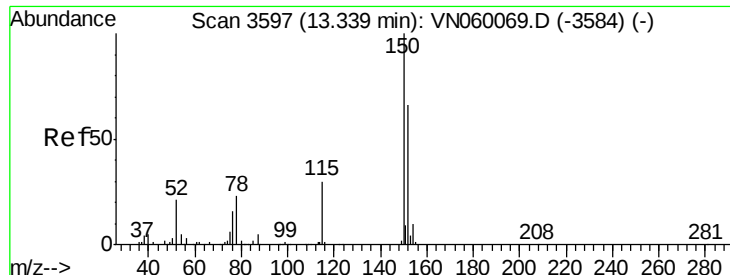


Abundance Ion 116.90 (116.60 to 117.60): VN060069.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN060069.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN060069.D (-2979) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN060235.D

Acq: 25 Feb 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

PB127055ZHE#16

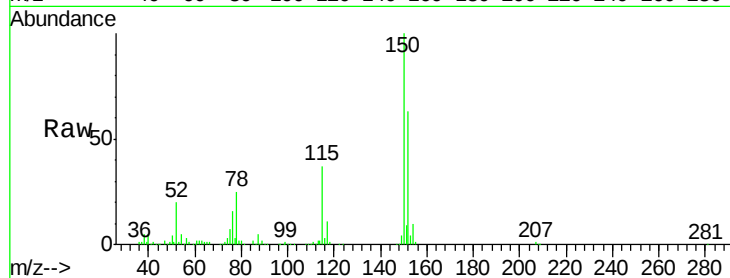
Tot Ion:152 Resp: 121000

Ion Ratio Lower Upper

152 100

115 57.8 28.9 86.8

150 156.6 0.0 342.4



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

