

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022520\
 Data File : VN060232.D
 Acq On : 25 Feb 2020 14:28
 Operator : JC/MD
 Sample : PB127055ZHE#13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127055ZHE#13

Quant Time: Feb 25 22:33:45 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

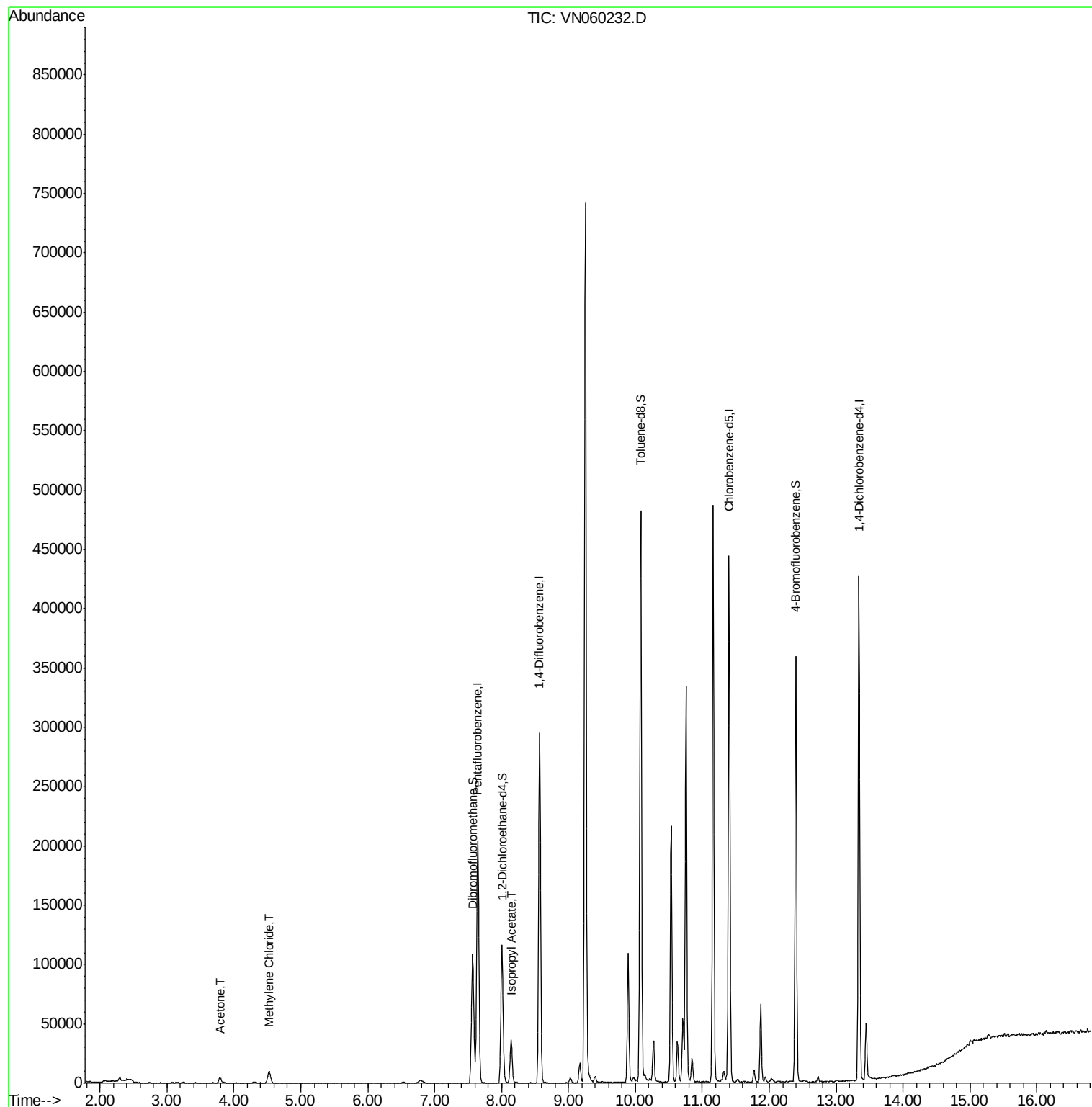
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	173949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	272223	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	257434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	116320	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	101136	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.56%	
35) Dibromofluoromethane	7.57	113	82218	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
50) Toluene-d8	10.08	98	330964	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
62) 4-Bromofluorobenzene	12.40	95	120021	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
Target Compounds						
16) Acetone	3.79	43	8537	9.246	ug/l	98
20) Methylene Chloride	4.53	84	8109	4.402	ug/l	98
43) Isopropyl Acetate	8.14	43	43753	11.232	ug/l #	90

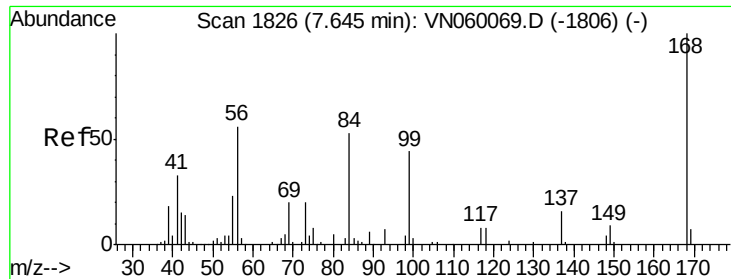
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022520\
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Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
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: VN060232.D

Acq: 25 Feb 2020 14:28

Instrument :

MSVOA_N

ClientSampleId :

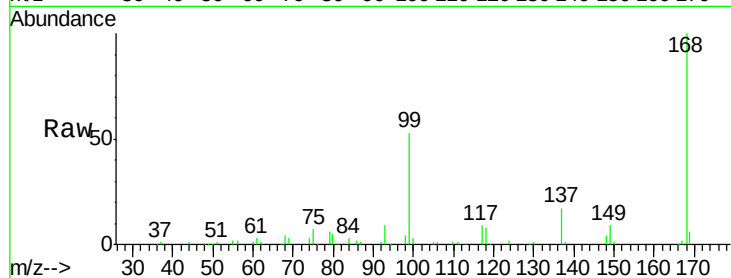
PB127055ZHE#13

Tot Ion:168 Resp: 173949

Ion Ratio Lower Upper

168 100

99 53.4 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

60000

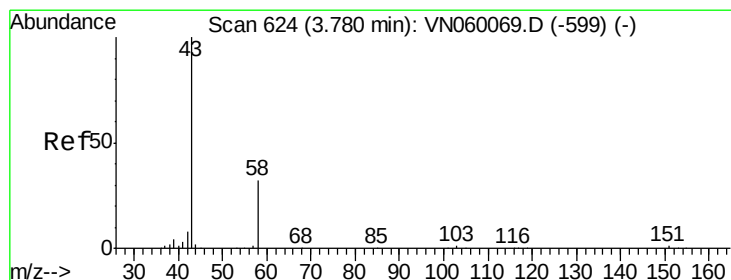
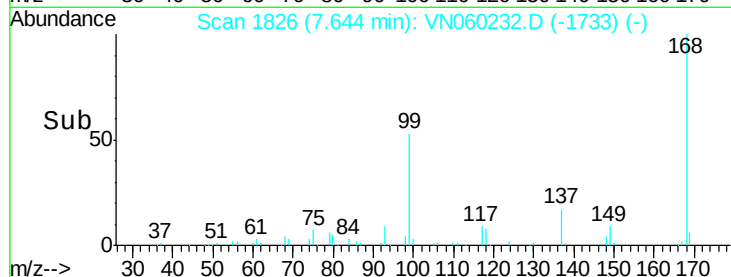
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 9.246 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060232.D

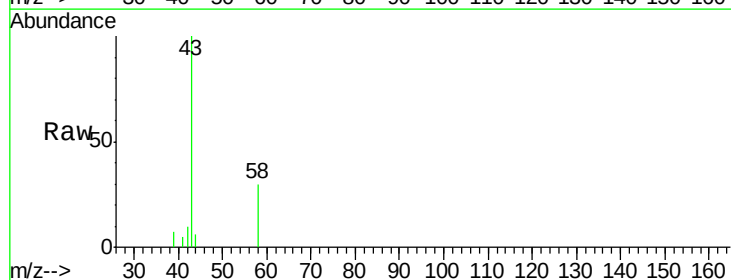
Acq: 25 Feb 2020 14:28

Tgt Ion: 43 Resp: 8537

Ion Ratio Lower Upper

43 100

58 30.3 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

3000

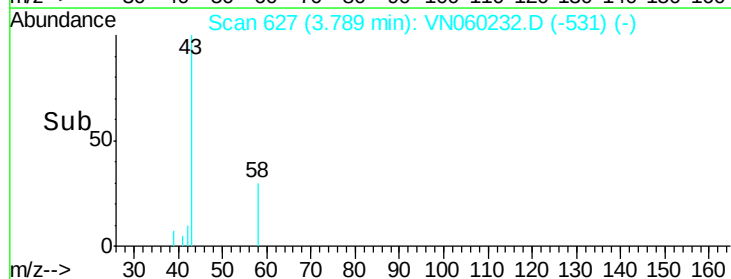
2000

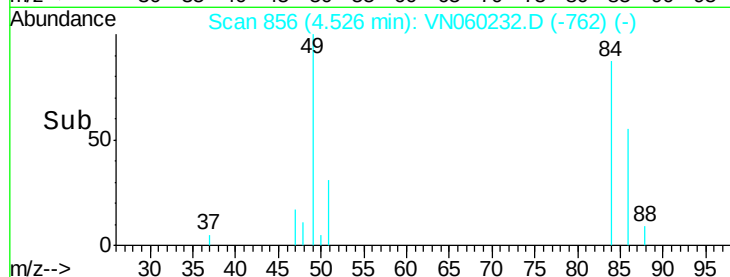
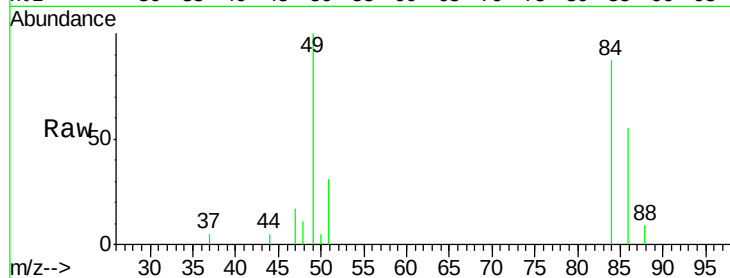
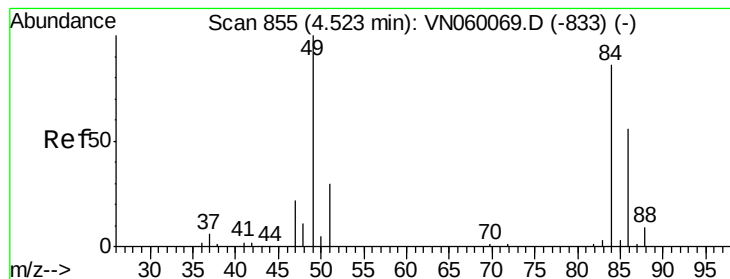
1000

0

3.70 3.75 3.80 3.85 3.90

Time-->





#20

Methylene Chloride

Concen: 4.402 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN060232.D

Acq: 25 Feb 2020 14:28

Instrument :

MSVOA_N

ClientSampleId :

PB127055ZHE#13

Tot Ion: 84 Resp: 8109

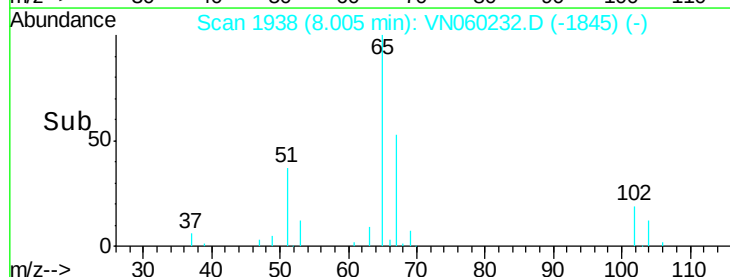
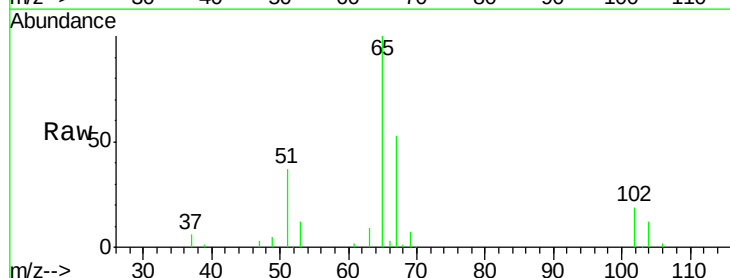
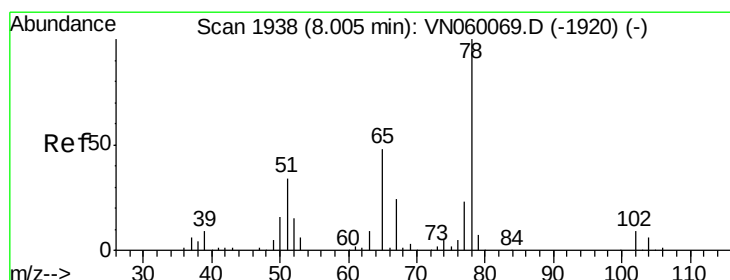
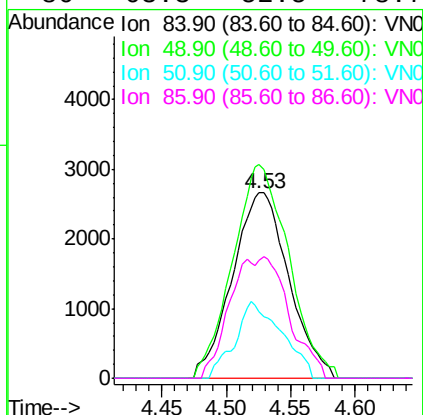
Ion Ratio Lower Upper

84 100

49 115.3 93.4 140.0

51 35.6 28.4 42.6

86 63.3 52.5 78.7



#33

1,2-Dichloroethane-d4

Concen: 47.781 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060232.D

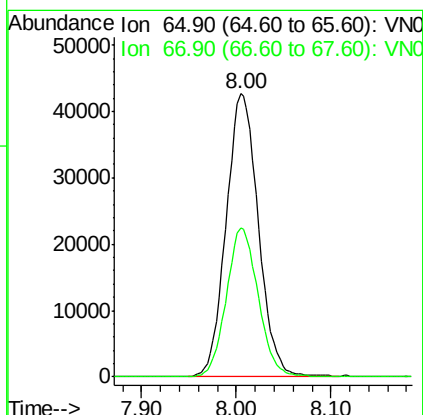
Acq: 25 Feb 2020 14:28

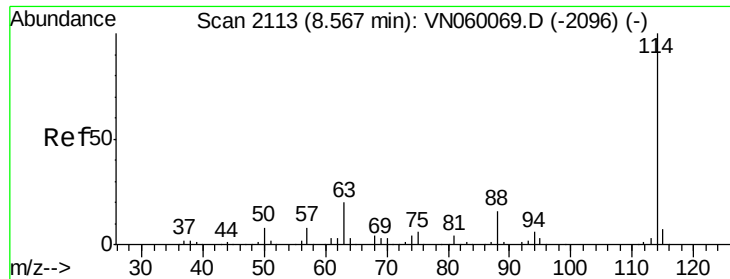
Tgt Ion: 65 Resp: 101136

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.0

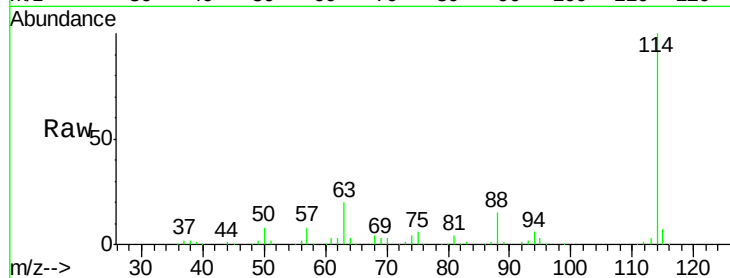




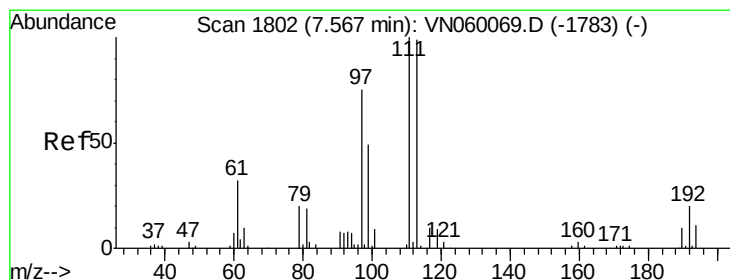
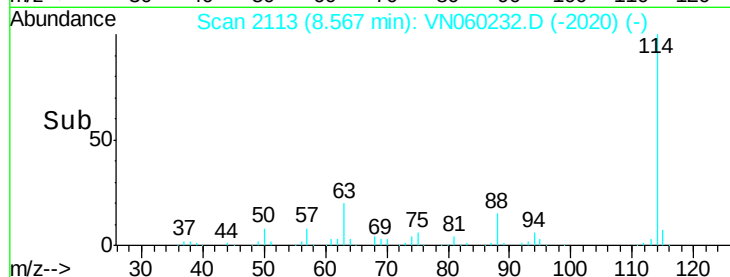
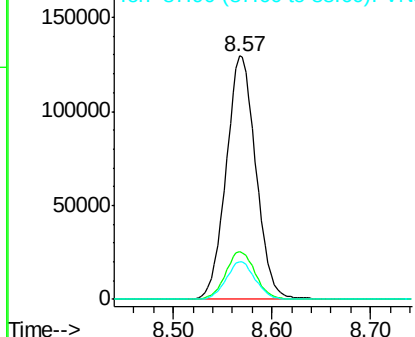
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060232.D
 Acq: 25 Feb 2020 14:28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127055ZHE#13

Tot Ion:114 Resp: 272223
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 15.5 0.0 31.6

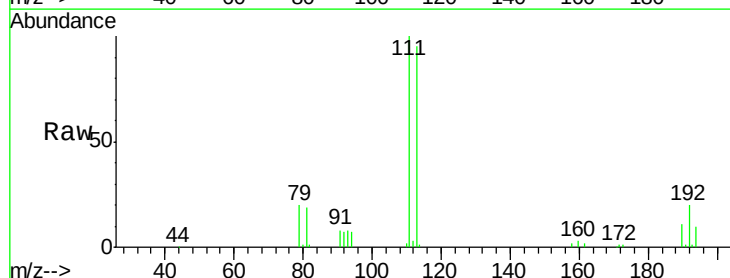


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

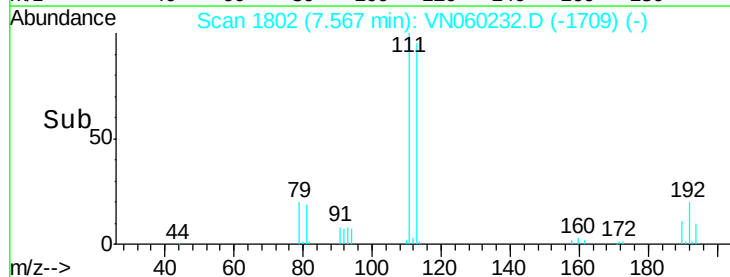
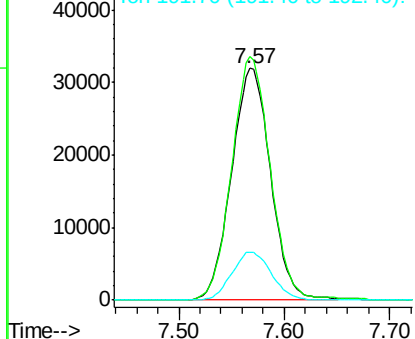


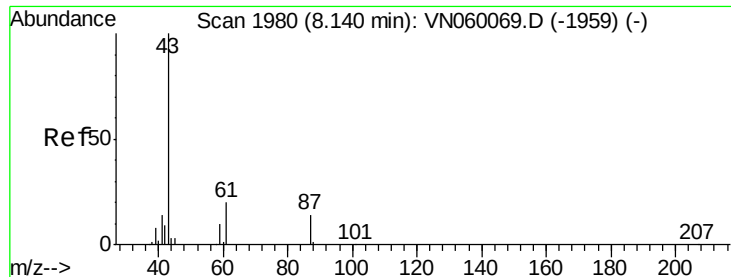
#35
 Dibromofluoromethane
 Concen: 49.134 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN060232.D
 Acq: 25 Feb 2020 14:28

Tgt Ion:113 Resp: 82218
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.4 122.2
 192 20.8 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: 11.232 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN060232.D

Acq: 25 Feb 2020 14:28

Instrument :

MSVOA_N

ClientSampleId :

PB127055ZHE#13

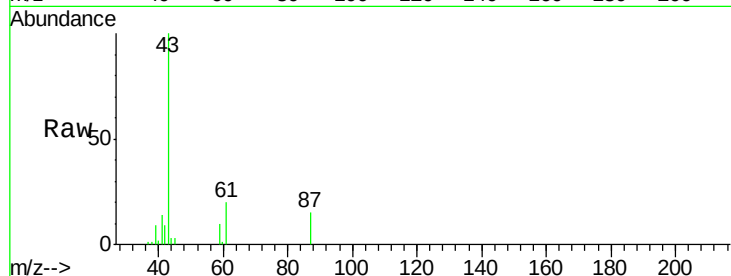
Tot Ion: 43 Resp: 43753

Ion Ratio Lower Upper

43 100

61 19.6 21.8 32.6#

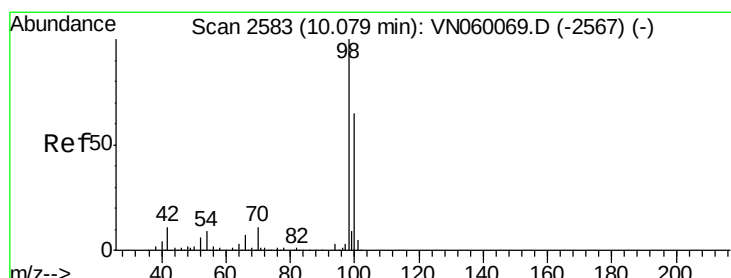
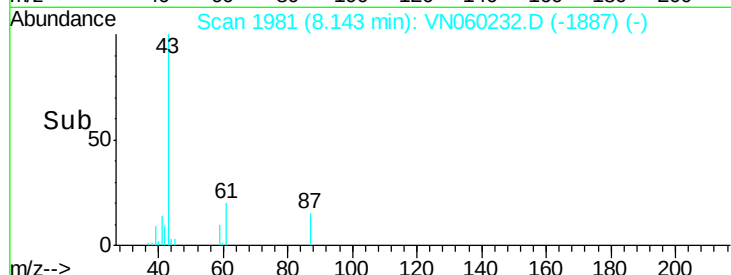
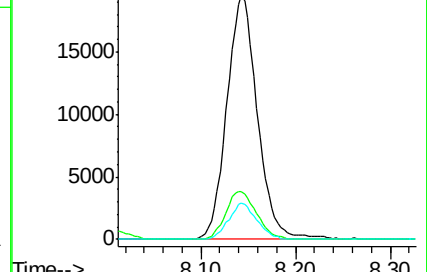
87 13.6 11.4 17.2



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) (-)



#50

Toluene-d8

Concen: 50.225 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060232.D

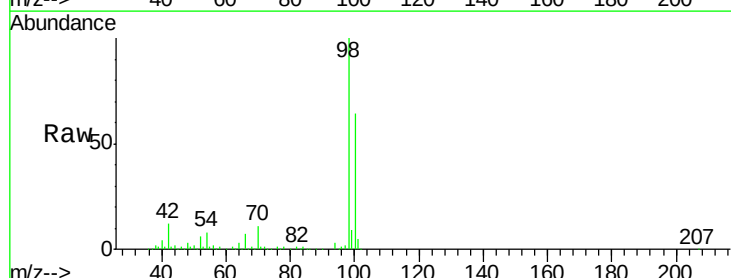
Acq: 25 Feb 2020 14:28

Tgt Ion: 98 Resp: 330964

Ion Ratio Lower Upper

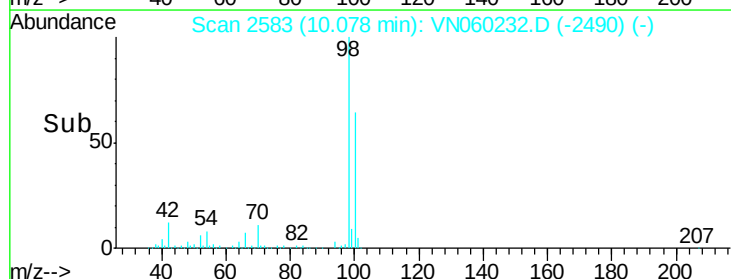
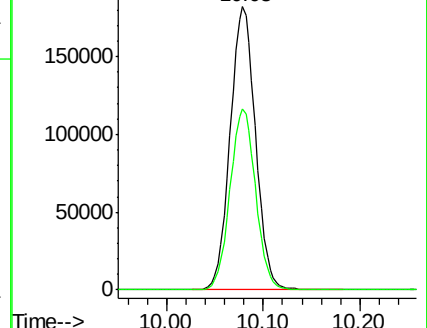
98 100

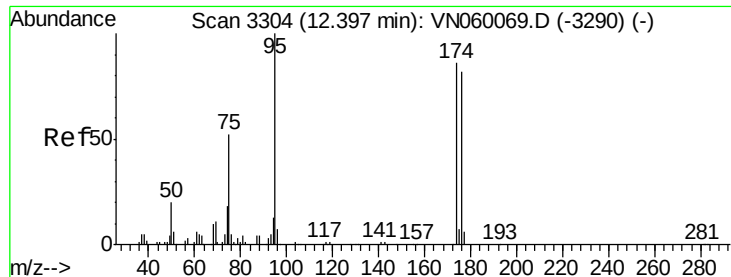
100 64.4 51.7 77.5



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

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





#62

4-Bromofluorobenzene

Concen: 49.567 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060232.D

Acq: 25 Feb 2020 14:28

Instrument :

MSVOA_N

ClientSampleId :

PB127055ZHE#13

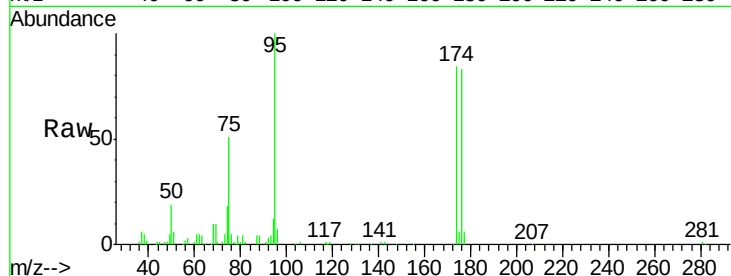
Tot Ion: 95 Resp: 120021

Ion Ratio Lower Upper

95 100

174 84.5 0.0 169.8

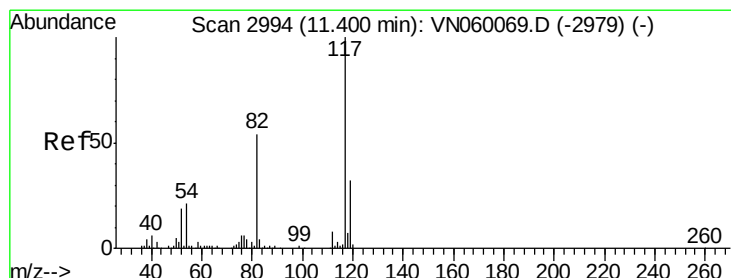
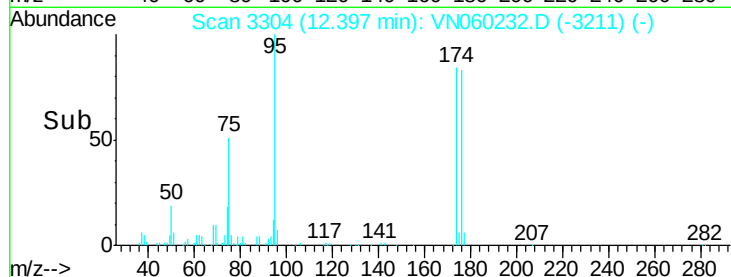
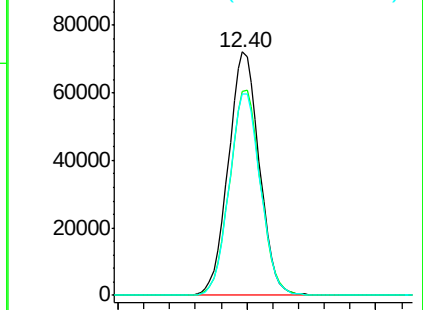
176 83.4 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN060232.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060232.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060232.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060232.D

Acq: 25 Feb 2020 14:28

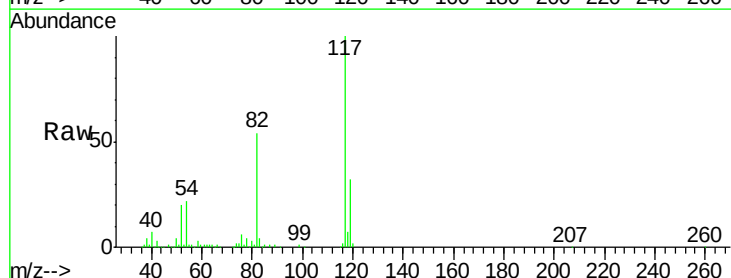
Tgt Ion: 117 Resp: 257434

Ion Ratio Lower Upper

117 100

82 54.5 43.4 65.0

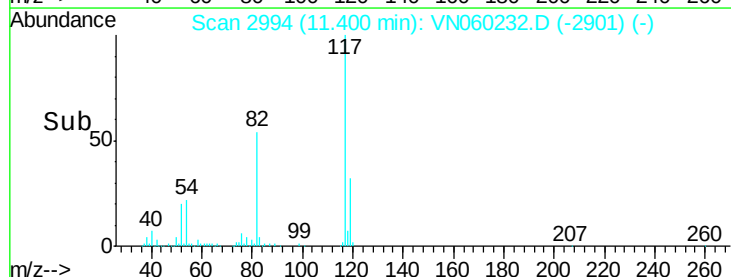
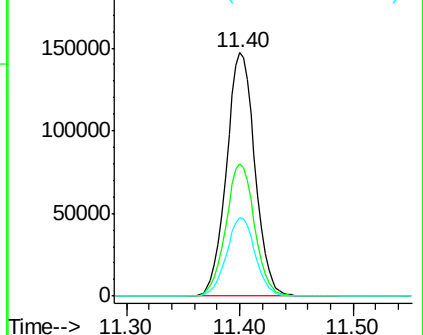
119 32.2 25.8 38.6

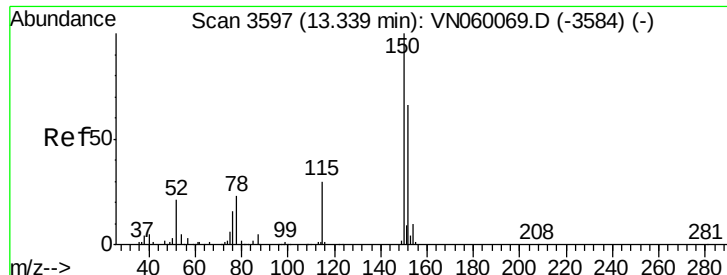


Abundance Ion 116.90 (116.60 to 117.60): VN060232.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060232.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060232.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN060232.D

Acq: 25 Feb 2020 14:28

Instrument :

MSVOA_N

ClientSampleId :

PB127055ZHE#13

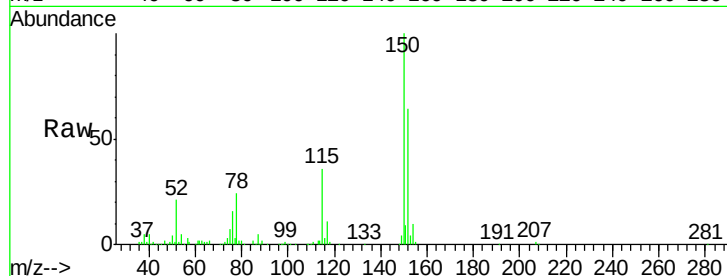
Tot Ion:152 Resp: 116320

Ion Ratio Lower Upper

152 100

115 58.0 28.9 86.8

150 157.7 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

