

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022520\
 Data File : VN060233.D
 Acq On : 25 Feb 2020 14:50
 Operator : JC/MD
 Sample : PB127055ZHE#14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127055ZHE#14

Quant Time: Feb 25 22:38:53 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

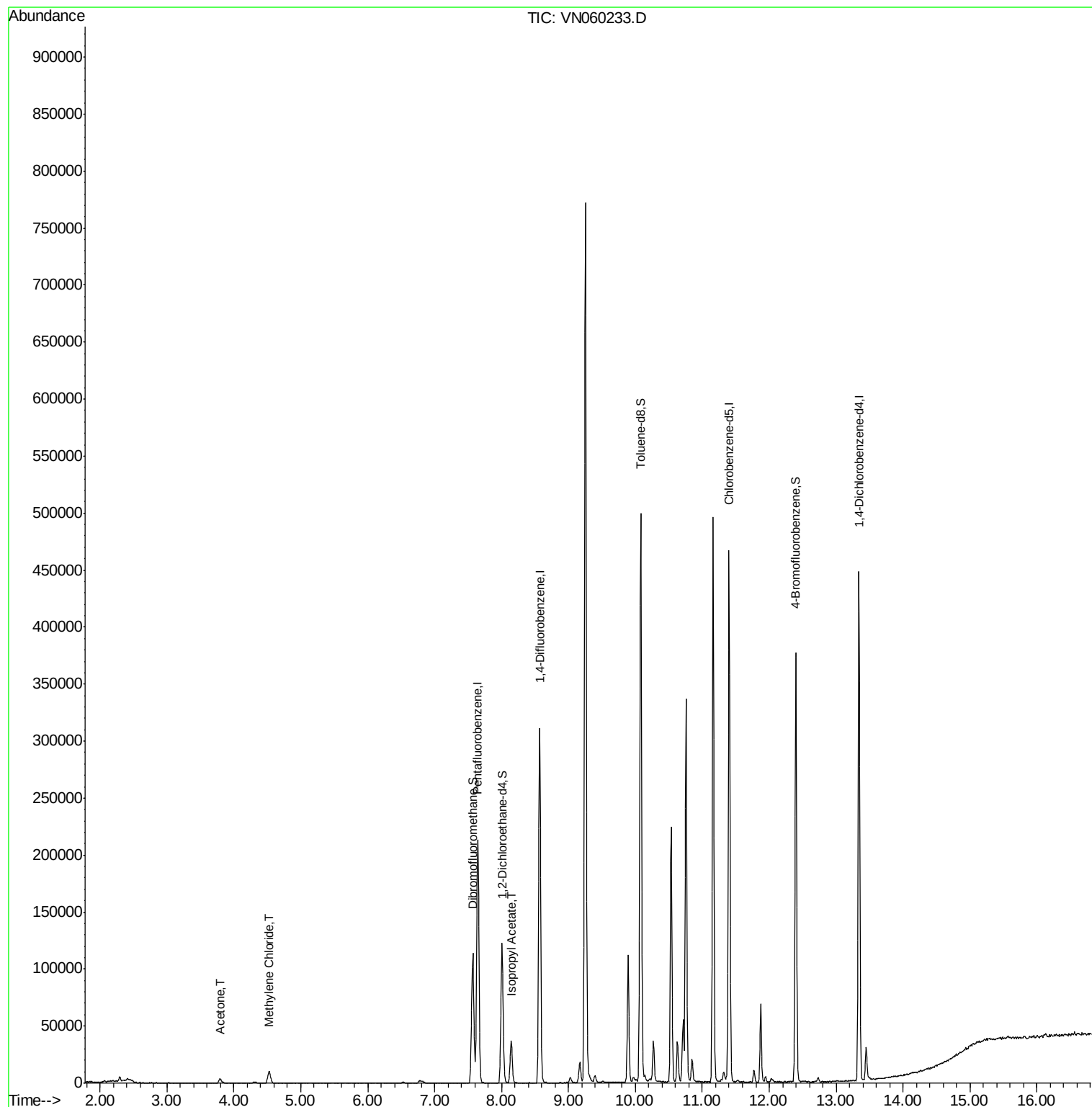
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	183097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	286324	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	271418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	124745	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	107172	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	
35) Dibromofluoromethane	7.57	113	86845	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
50) Toluene-d8	10.08	98	347172	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
62) 4-Bromofluorobenzene	12.40	95	126779	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
Target Compounds						
16) Acetone	3.80	43	7374	7.588	ug/l	92
20) Methylene Chloride	4.53	84	8321	4.292	ug/l	93
43) Isopropyl Acetate	8.14	43	44060	10.754	ug/l #	89

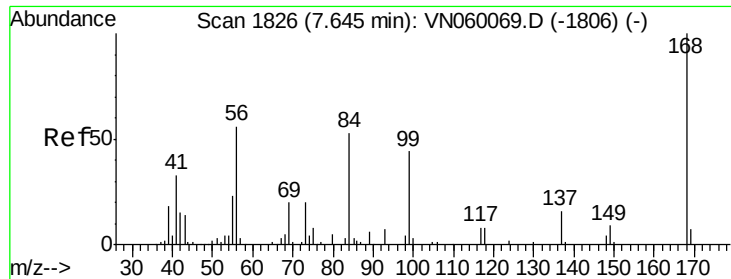
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN060233.D

Acq: 25 Feb 2020 14:50

Instrument :

MSVOA_N

ClientSampleId :

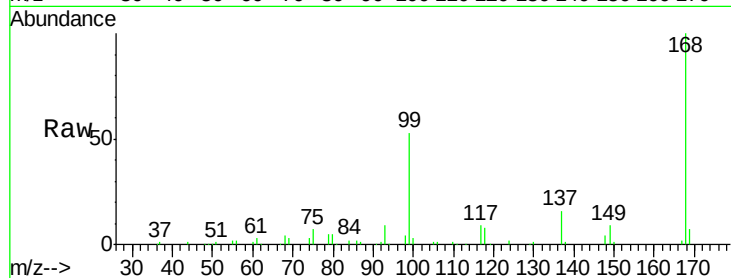
PB127055ZHE#14

Tot Ion:168 Resp: 183097

Ion Ratio Lower Upper

168 100

99 52.9 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

80000

60000

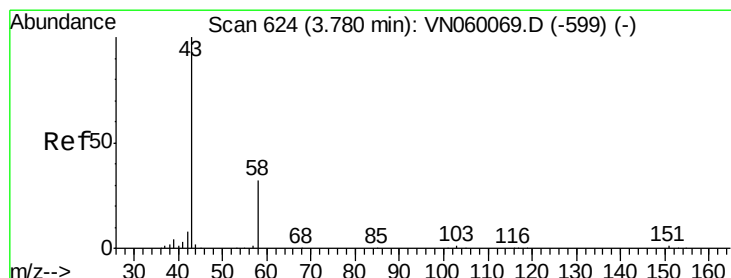
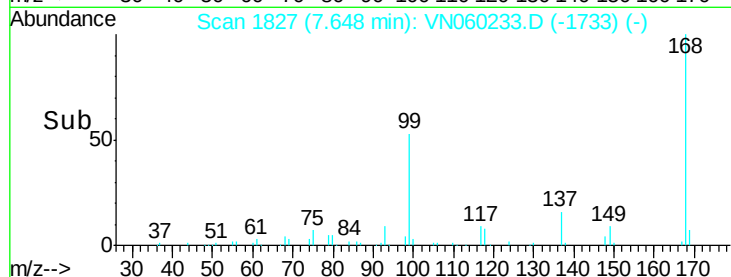
40000

20000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 7.588 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.02 min

Lab File: VN060233.D

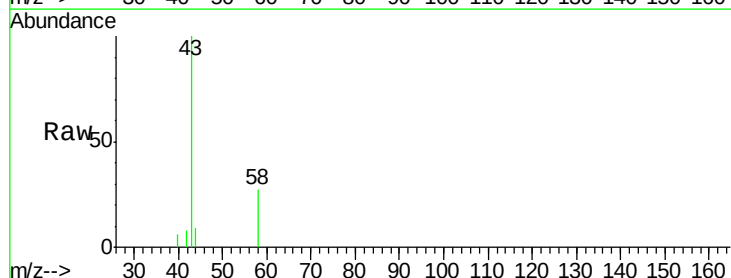
Acq: 25 Feb 2020 14:50

Tgt Ion: 43 Resp: 7374

Ion Ratio Lower Upper

43 100

58 26.8 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.80

3000

2500

2000

1500

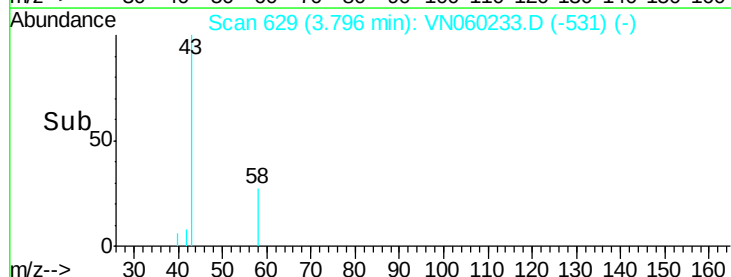
1000

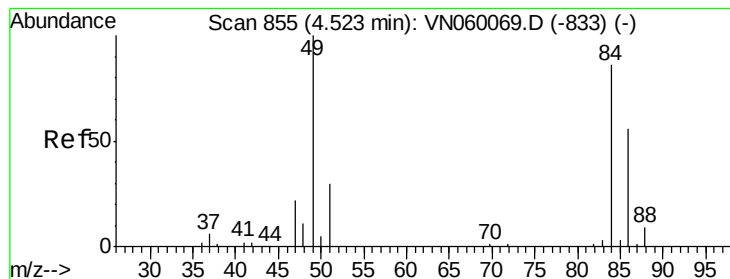
500

0

Time-->

3.70 3.75 3.80 3.85 3.90





#20

Methylene Chloride

Concen: 4.292 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.01 min

Lab File: VN060233.D

Acq: 25 Feb 2020 14:50

Instrument :

MSVOA_N

ClientSampleId :

PB127055ZHE#14

Tot Ion: 84 Resp: 8321

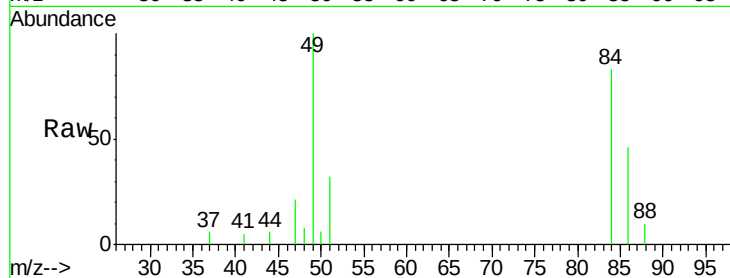
Ion Ratio Lower Upper

84 100

49 120.8 93.4 140.0

51 38.8 28.4 42.6

86 55.5 52.5 78.7

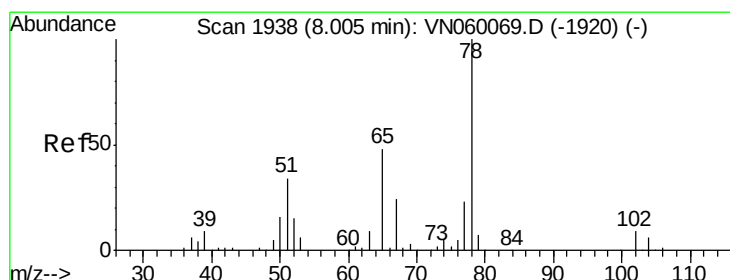
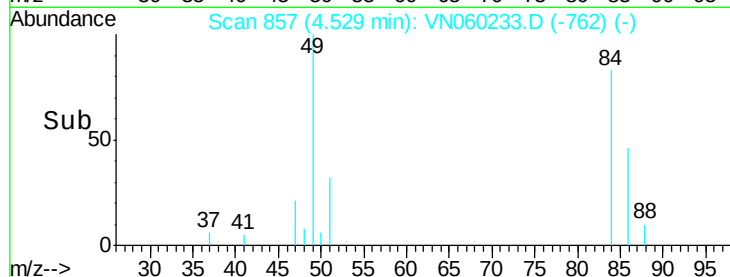
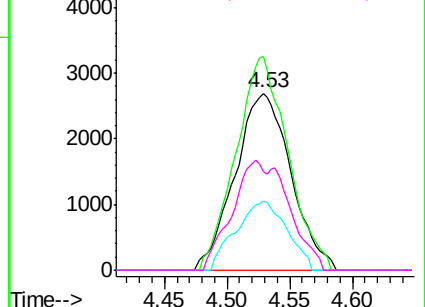


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 48.103 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN060233.D

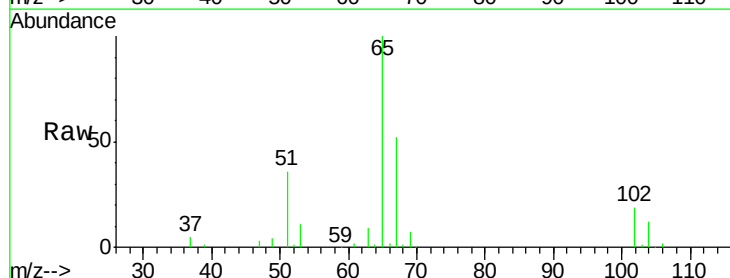
Acq: 25 Feb 2020 14:50

Tgt Ion: 65 Resp: 107172

Ion Ratio Lower Upper

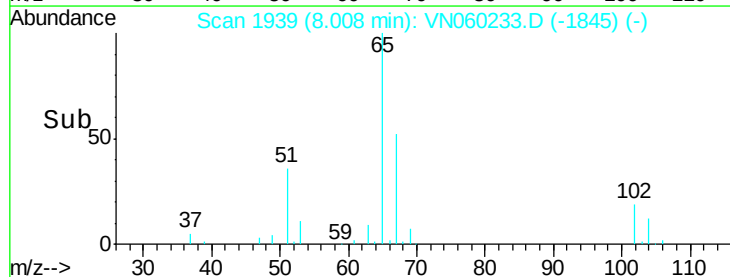
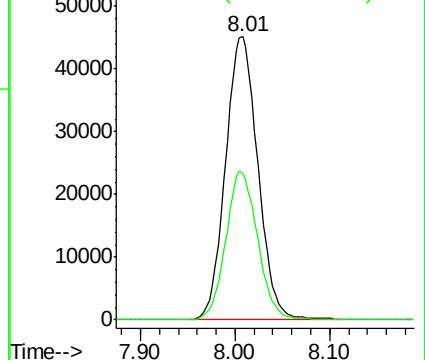
65 100

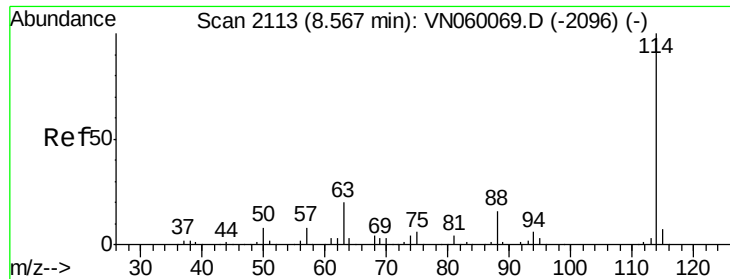
67 51.5 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

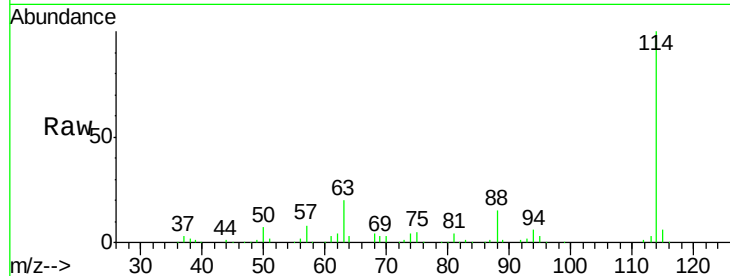




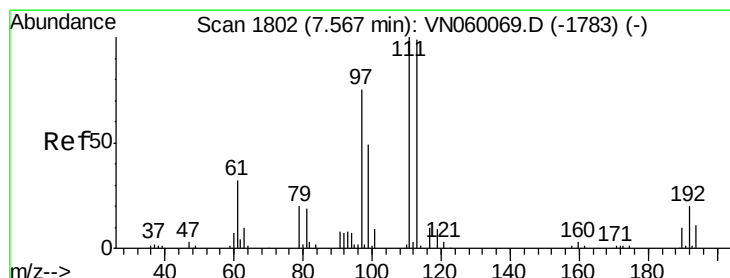
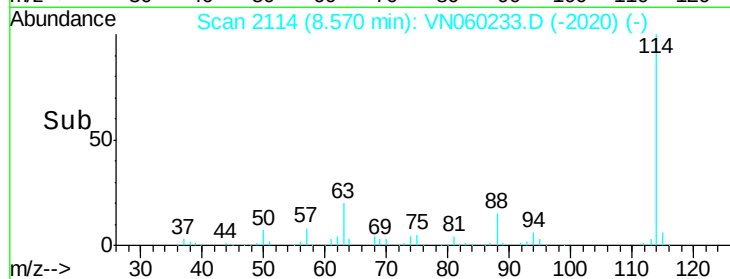
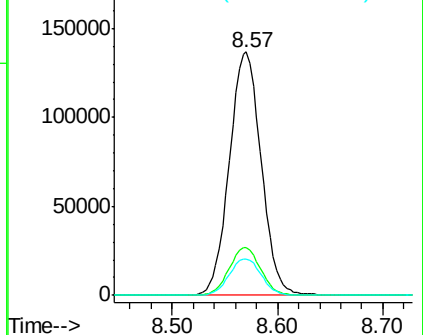
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN060233.D
 Acq: 25 Feb 2020 14:50

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127055ZHE#14

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	40.0
88	15.0	0.0	31.6

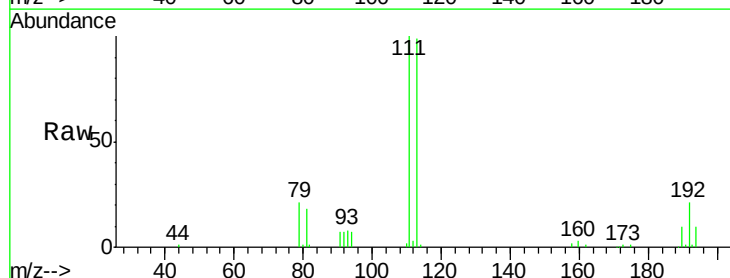


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

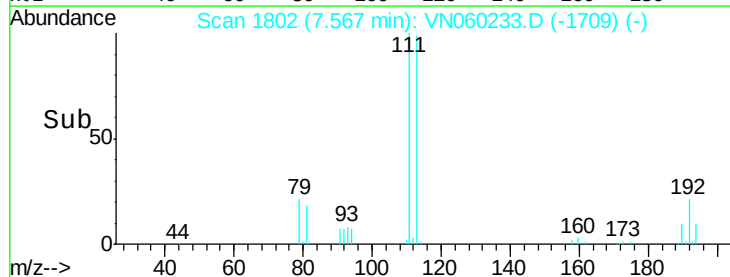
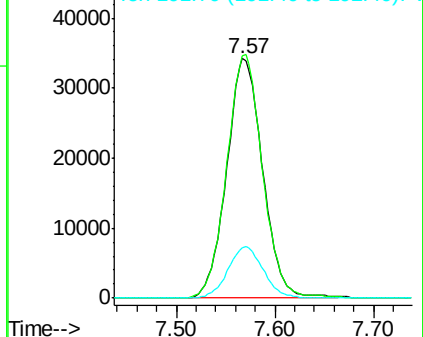


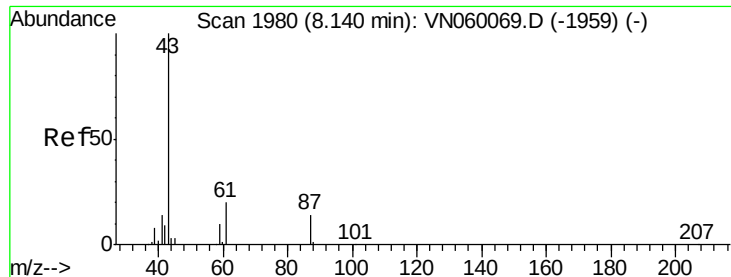
#35
 Dibromofluoromethane
 Concen: 49.343 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN060233.D
 Acq: 25 Feb 2020 14:50

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.4	122.2
192	21.0	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: 10.754 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN060233.D

Acq: 25 Feb 2020 14:50

Instrument :

MSVOA_N

ClientSampleId :

PB127055ZHE#14

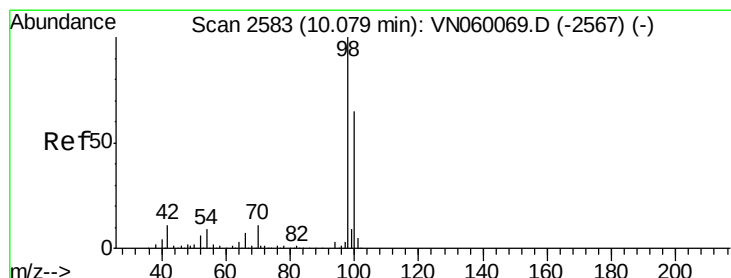
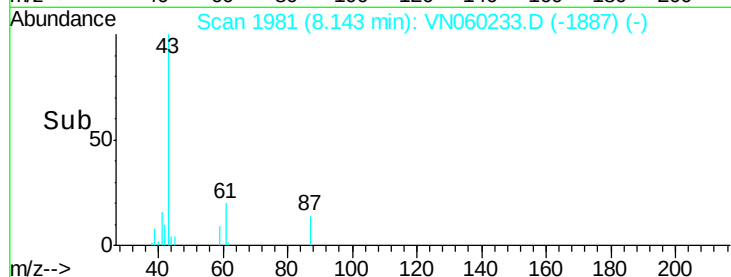
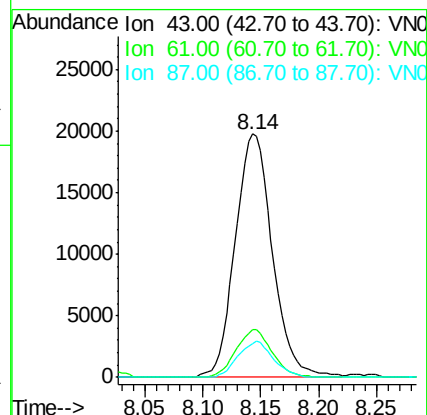
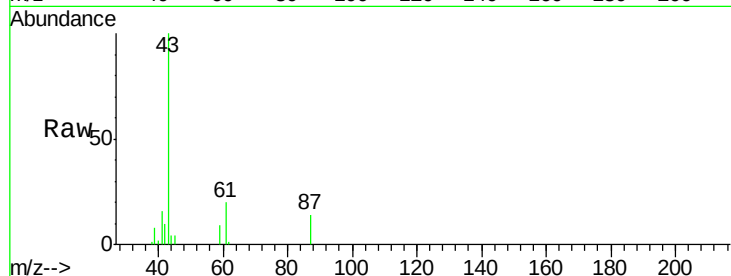
Tot Ion: 43 Resp: 44060

Ion Ratio Lower Upper

43 100

61 19.1 21.8 32.6#

87 14.0 11.4 17.2



#50

Toluene-d8

Concen: 50.090 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060233.D

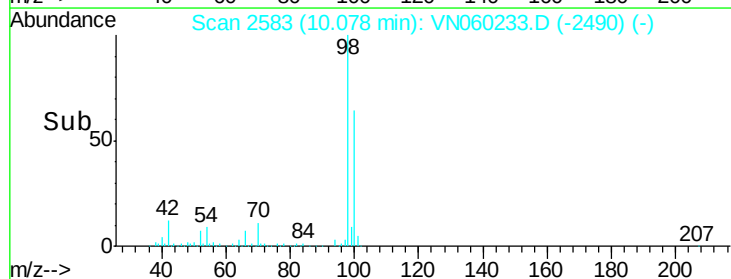
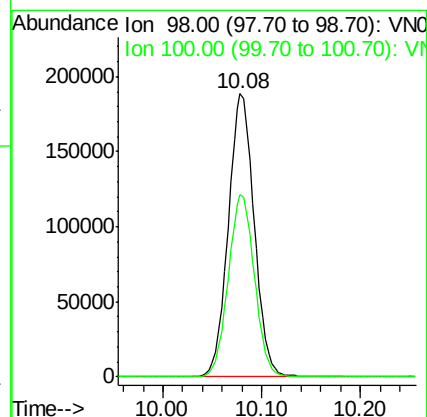
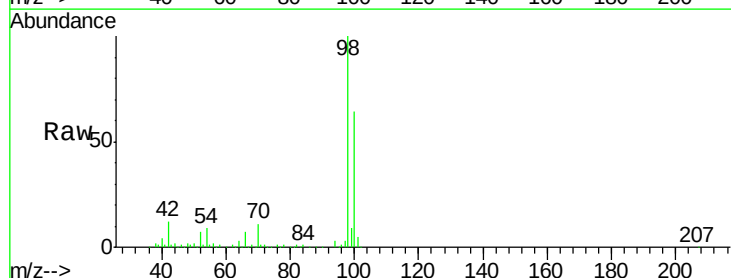
Acq: 25 Feb 2020 14:50

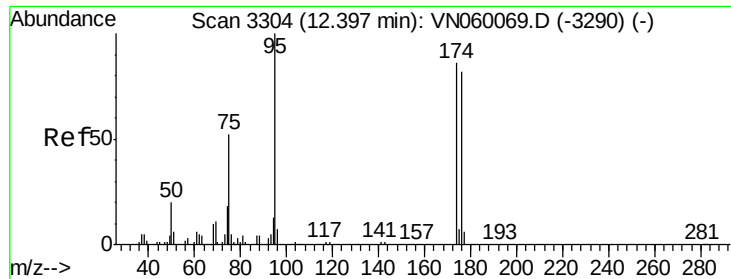
Tgt Ion: 98 Resp: 347172

Ion Ratio Lower Upper

98 100

100 65.0 51.7 77.5

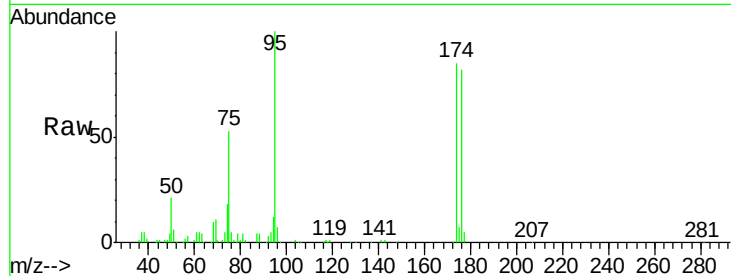




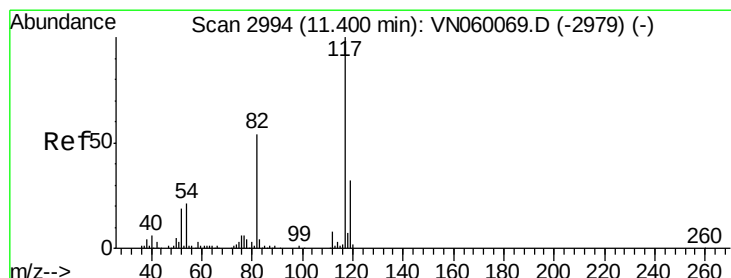
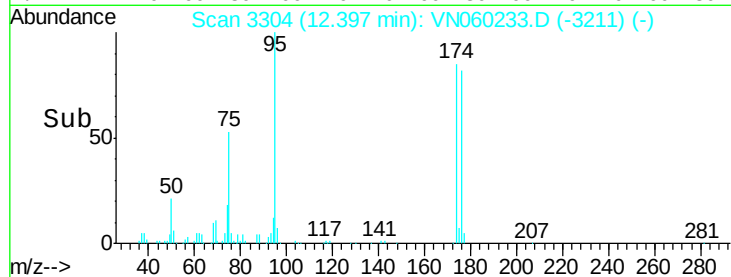
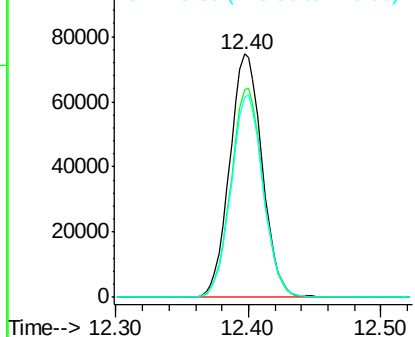
#62
4-Bromofluorobenzene
Concen: 49.780 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060233.D
Acq: 25 Feb 2020 14:50

Instrument :
MSVOA_N
ClientSampleId :
PB127055ZHE#14

Tot Ion: 95 Resp: 126779
Ion Ratio Lower Upper
95 100
174 84.8 0.0 169.8
176 82.3 0.0 164.8

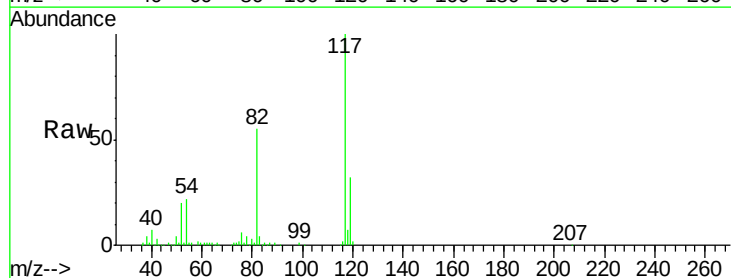


Abundance Ion 94.90 (94.60 to 95.60): VN060233.D (-3211) (-)
Ion 173.80 (173.50 to 174.50): VN060233.D (-3211) (-)
Ion 175.80 (175.50 to 176.50): VN060233.D (-3211) (-)

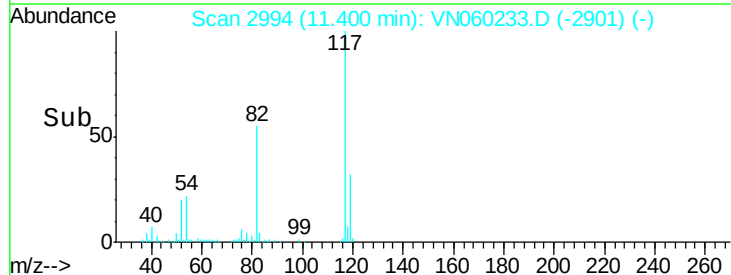
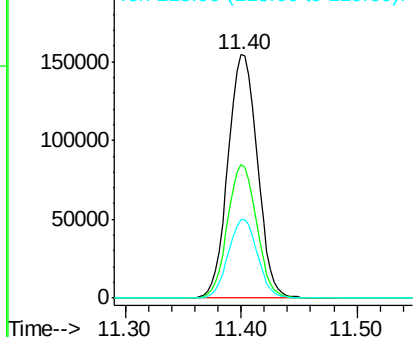


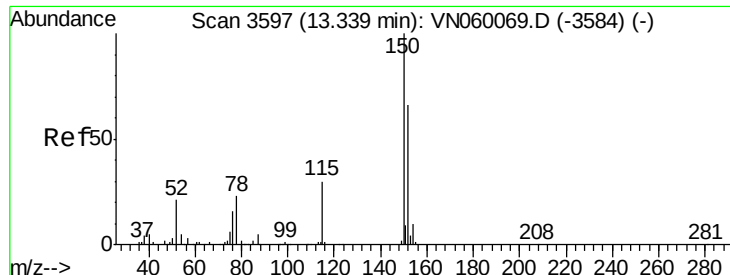
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060233.D
Acq: 25 Feb 2020 14:50

Tgt Ion: 117 Resp: 271418
Ion Ratio Lower Upper
117 100
82 54.6 43.4 65.0
119 32.0 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VN060233.D (-2901) (-)
Ion 82.00 (81.70 to 82.70): VN060233.D (-2901) (-)
Ion 118.90 (118.60 to 119.60): VN060233.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: VN060233.D

Acq: 25 Feb 2020 14:50

Instrument :

MSVOA_N

ClientSampleId :

PB127055ZHE#14

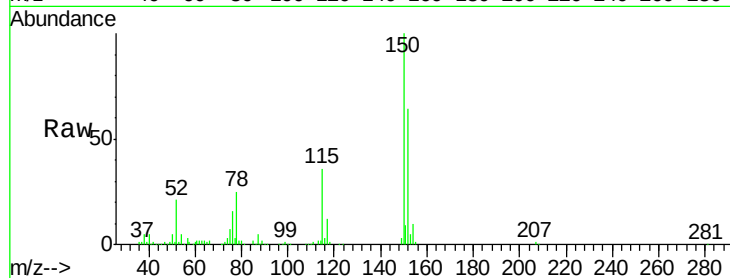
Tot Ion:152 Resp: 124745

Ion Ratio Lower Upper

152 100

115 57.1 28.9 86.8

150 157.2 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

