

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062920\
 Data File : VN062216.D
 Acq On : 30 Jun 2020 3:47
 Operator : JC/MD
 Sample : PB129816ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129816ZHE#01

Quant Time: Jun 30 06:37:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

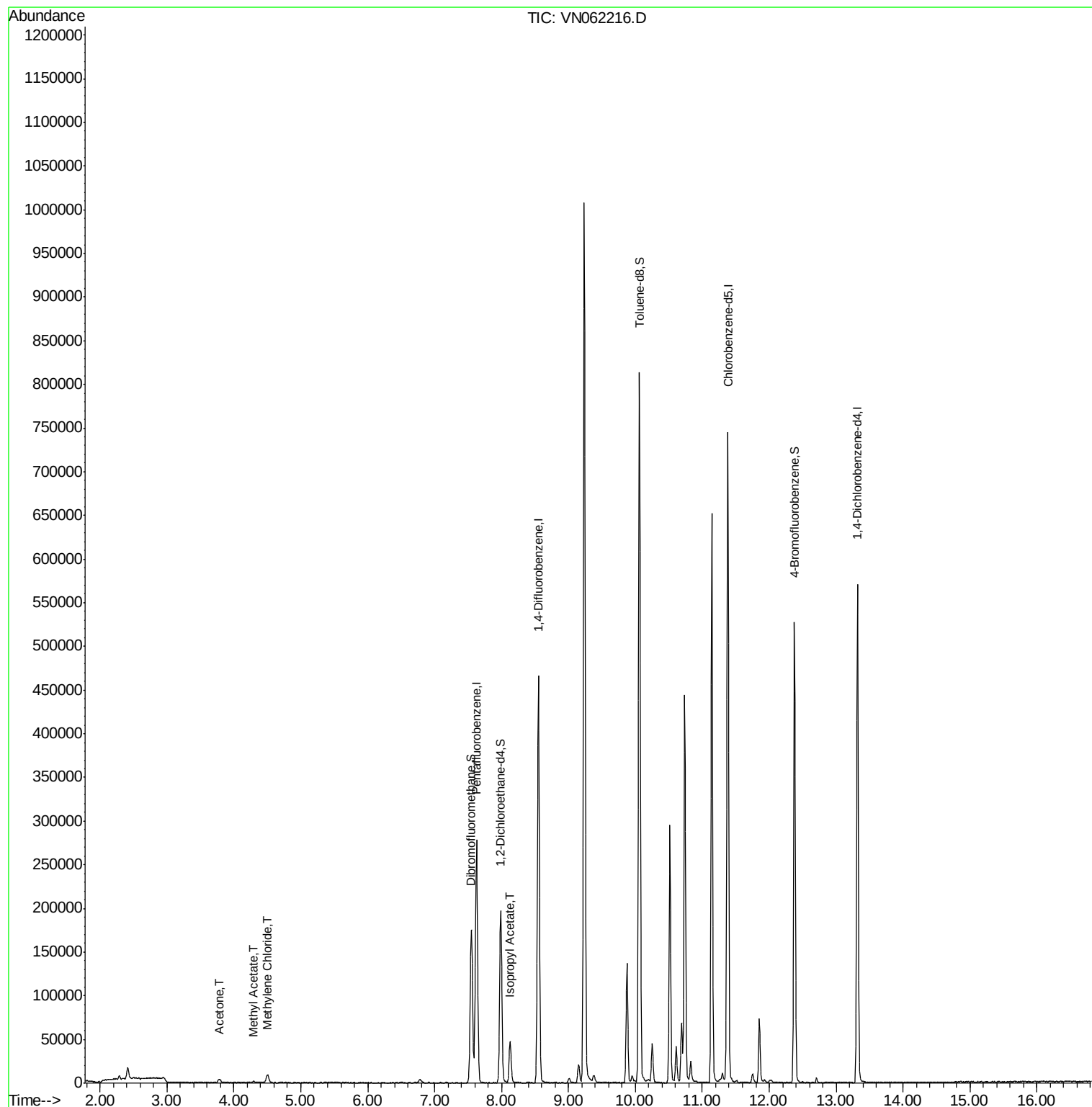
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	215934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	419667	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	434616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	153394	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	167342	55.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.44%	
35) Dibromofluoromethane	7.55	113	134974	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
50) Toluene-d8	10.06	98	561881	52.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.42%	
62) 4-Bromofluorobenzene	12.38	95	185098	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.82%	
Target Compounds						
16) Acetone	3.78	43	8283	4.734	ug/l	96
18) Methyl Acetate	4.29	43	2681	1.113	ug/l #	77
20) Methylene Chloride	4.51	84	6867	2.262	ug/l #	88
43) Isopropyl Acetate	8.13	43	52258	9.178	ug/l	99

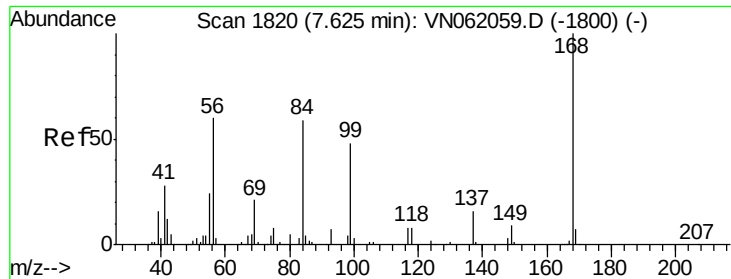
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062216.D

Acq: 30 Jun 2020 3:47

Instrument :

MSVOA_N

ClientSampleId :

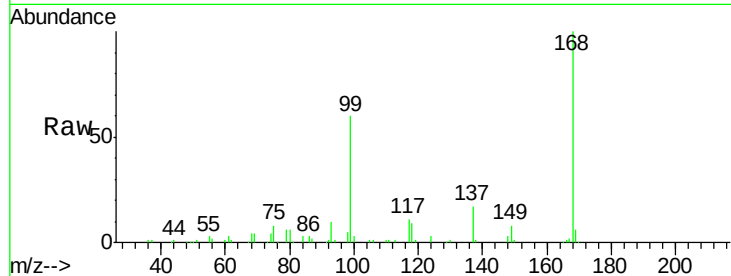
PB129816ZHE#01

Tot Ion:168 Resp: 215934

Ion Ratio Lower Upper

168 100

99 59.8 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

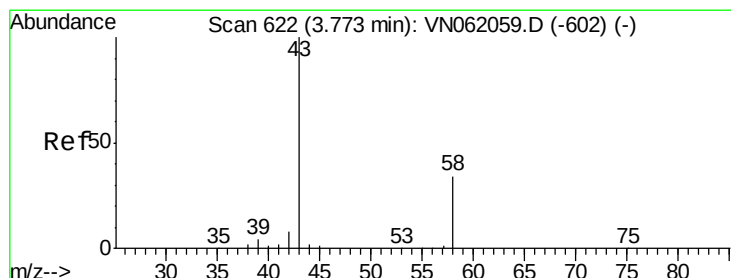
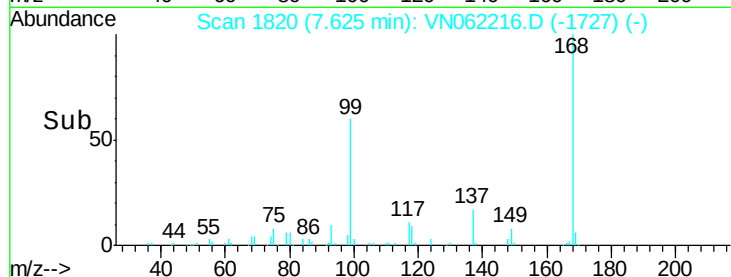
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 4.734 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062216.D

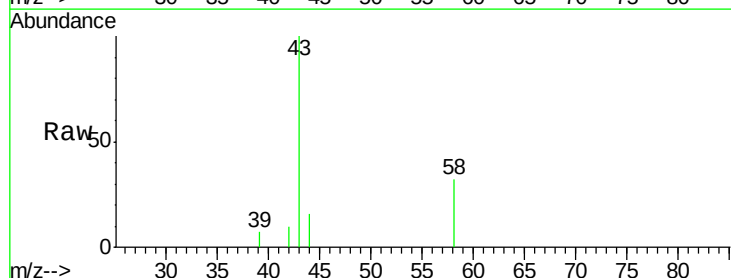
Acq: 30 Jun 2020 3:47

Tgt Ion: 43 Resp: 8283

Ion Ratio Lower Upper

43 100

58 32.1 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

3000

2500

2000

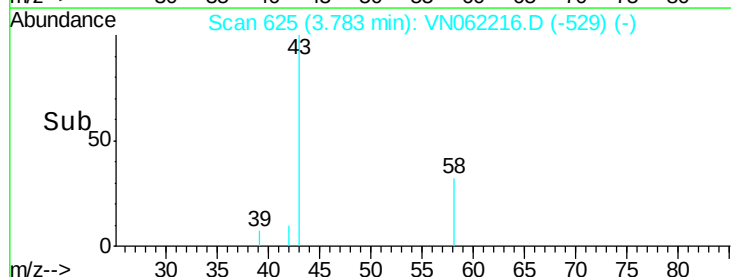
1500

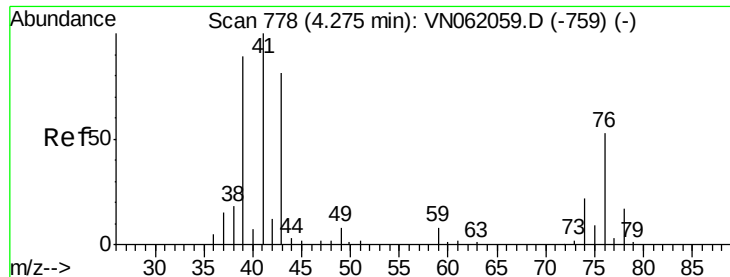
1000

500

0

Time--> 3.70 3.75 3.80 3.85





#18

Methyl Acetate

Concen: 1.113 ug/l

RT: 4.29 min Scan# 783

Delta R.T. 0.02 min

Lab File: VN062216.D

Acq: 30 Jun 2020 3:47

Instrument :

MSVOA_N

ClientSampleId :

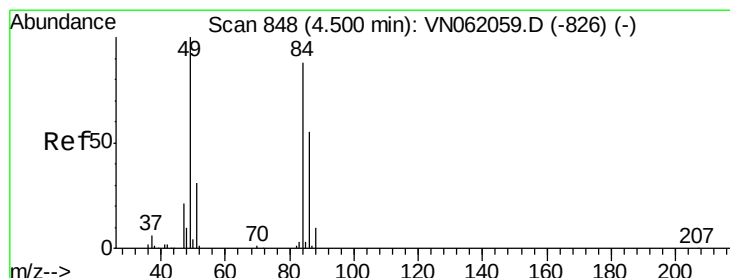
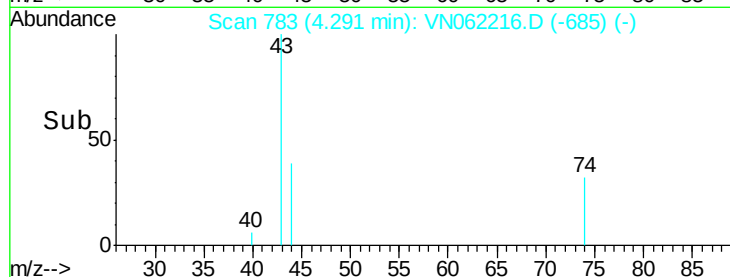
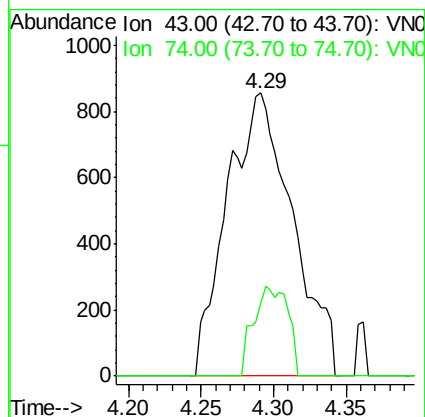
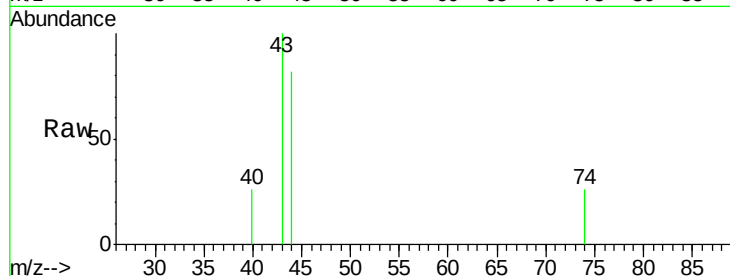
PB129816ZHE#01

Tot Ion: 43 Resp: 2681

Ion Ratio Lower Upper

43 100

74 16.6 22.9 34.3#



#20

Methylene Chloride

Concen: 2.262 ug/l

RT: 4.51 min Scan# 850

Delta R.T. 0.01 min

Lab File: VN062216.D

Acq: 30 Jun 2020 3:47

Tgt Ion: 84 Resp: 6867

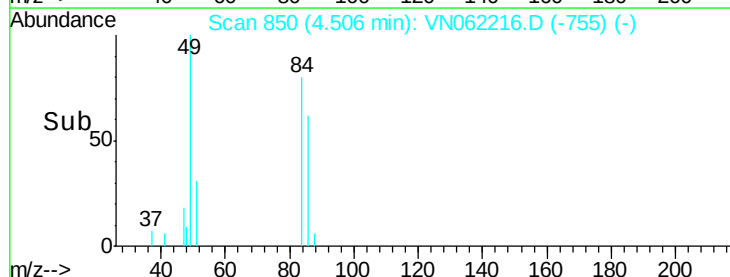
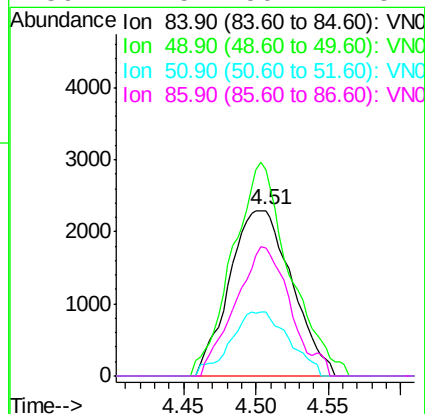
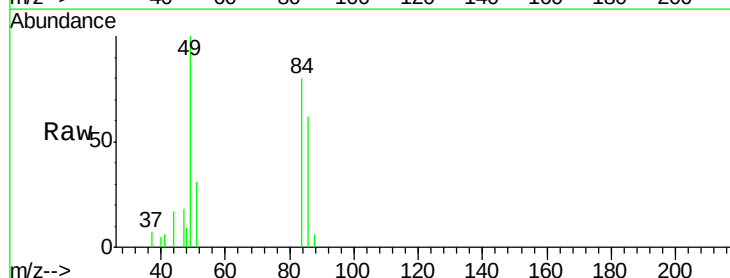
Ion Ratio Lower Upper

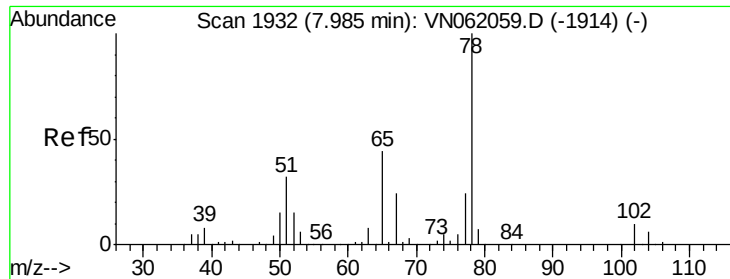
84 100

49 124.7 90.6 136.0

51 38.4 27.8 41.8

86 77.5 50.1 75.1#

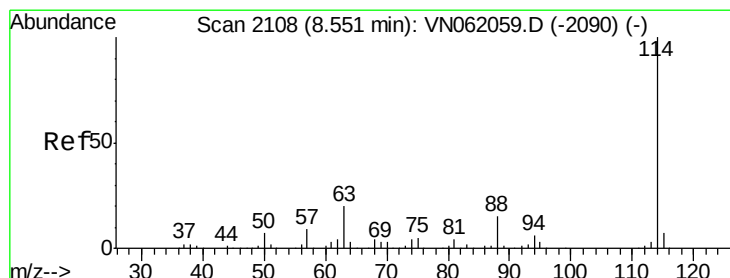
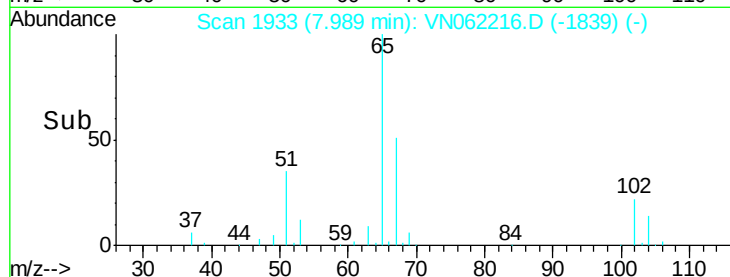
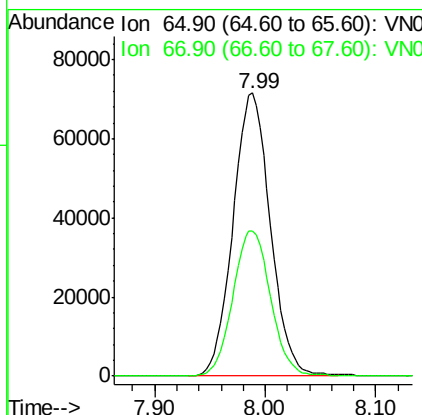
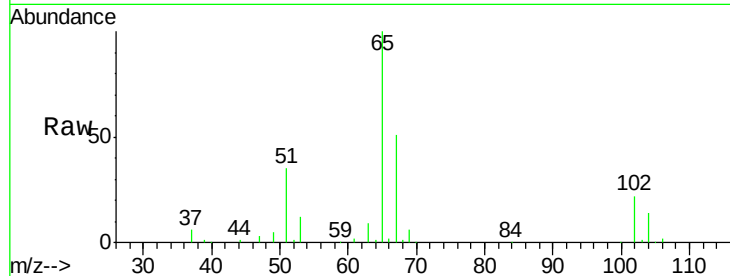




#33
 1,2-Dichloroethane-d4
 Concen: 55.223 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062216.D
 Acq: 30 Jun 2020 3:47

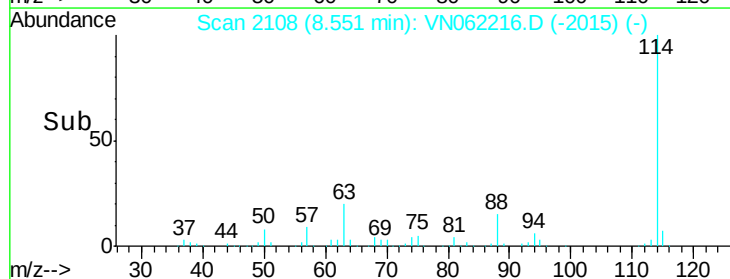
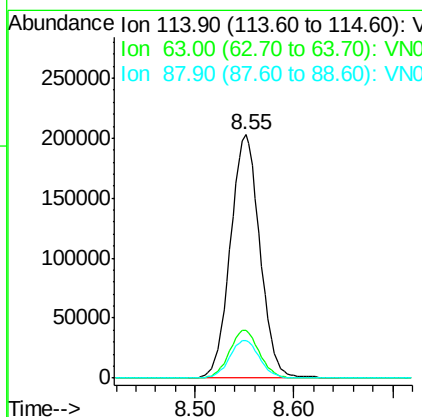
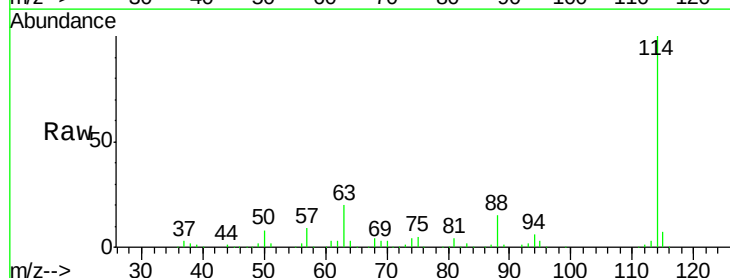
Instrument :
 MSVOA_N
 ClientSampleId :
 PB129816ZHE#01

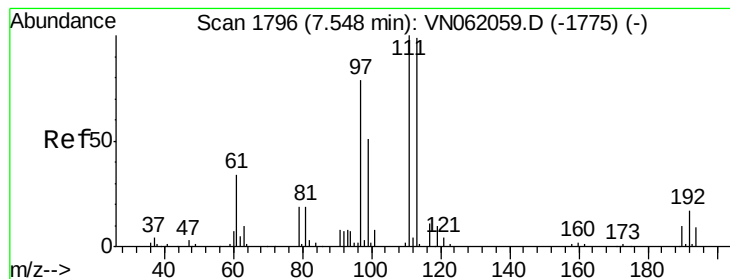
Tot Ion: 65 Resp: 167342
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062216.D
 Acq: 30 Jun 2020 3:47

Tgt Ion: 114 Resp: 419667
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.2
 88 15.5 0.0 30.8





#35

Dibromofluoromethane

Concen: 50.132 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN062216.D

Acq: 30 Jun 2020 3:47

Instrument :

MSVOA_N

ClientSampleId :

PB129816ZHE#01

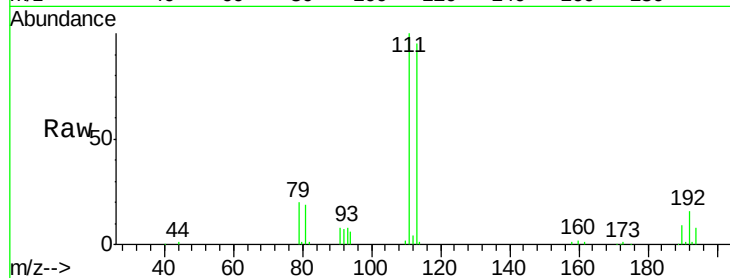
Tot Ion:113 Resp: 134974

Ion Ratio Lower Upper

113 100

111 105.4 82.2 123.4

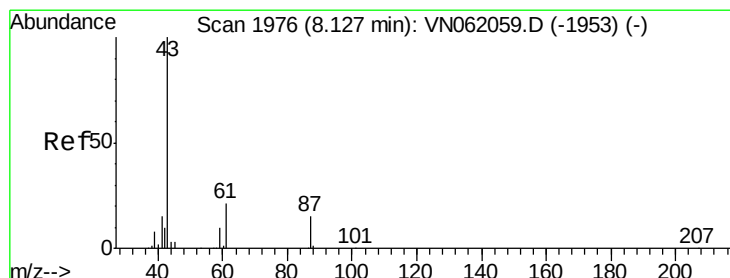
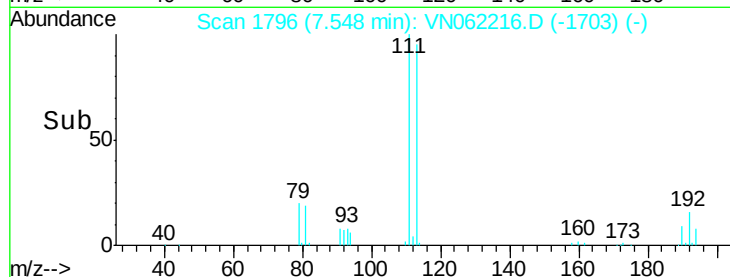
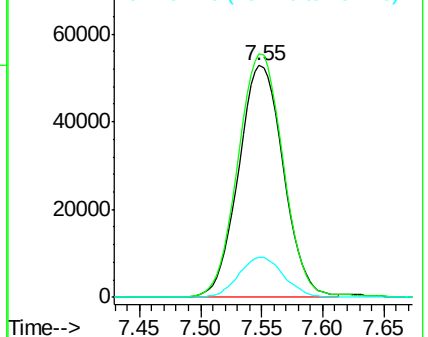
192 17.4 14.0 21.0



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: 9.178 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062216.D

Acq: 30 Jun 2020 3:47

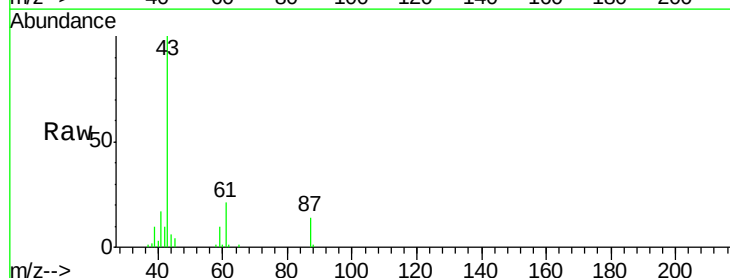
Tgt Ion: 43 Resp: 52258

Ion Ratio Lower Upper

43 100

61 21.0 17.2 25.8

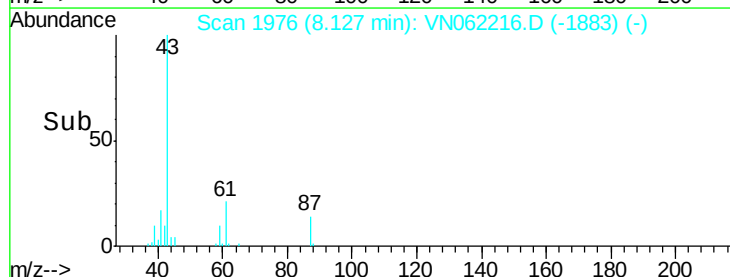
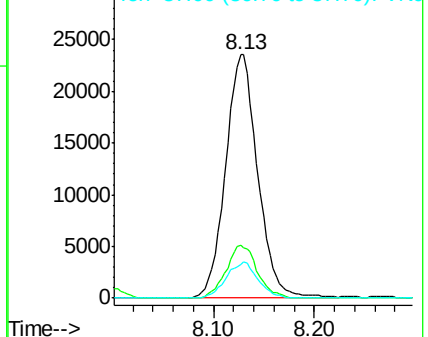
87 14.6 12.1 18.1

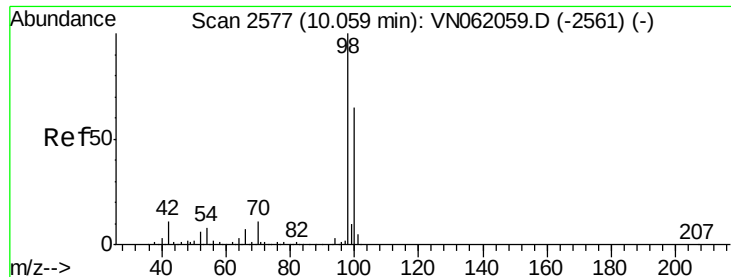


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 52.208 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062216.D

Acq: 30 Jun 2020 3:47

Instrument :

MSVOA_N

ClientSampleId :

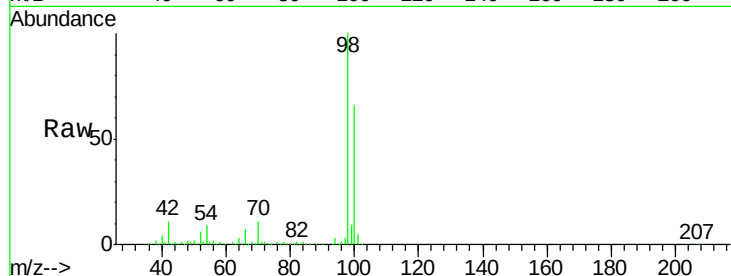
PB129816ZHE#01

Tot Ion: 98 Resp: 561881

Ion Ratio Lower Upper

98 100

100 65.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062059.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN062059.D (-2561) (-)

10.06

300000

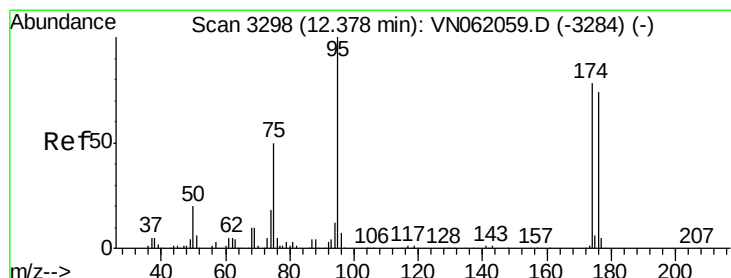
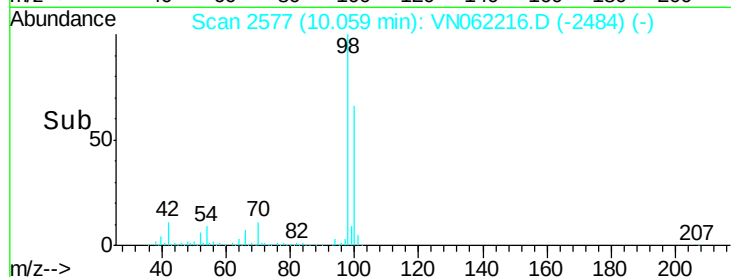
200000

100000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 50.905 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062216.D

Acq: 30 Jun 2020 3:47

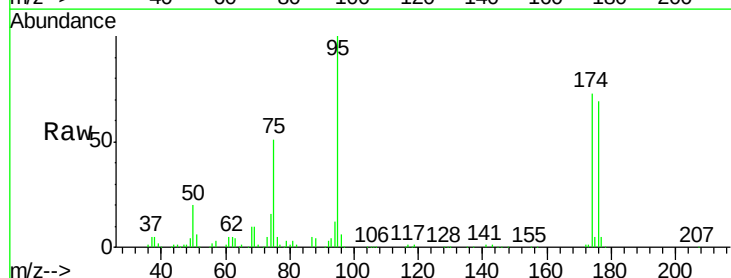
Tgt Ion: 95 Resp: 185098

Ion Ratio Lower Upper

95 100

174 74.1 0.0 154.8

176 70.3 0.0 147.4



Abundance Ion 94.90 (94.60 to 95.60): VN062059.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN062059.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN062059.D (-3284) (-)

12.38

150000

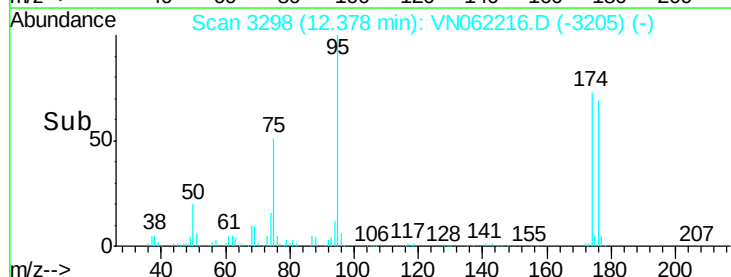
100000

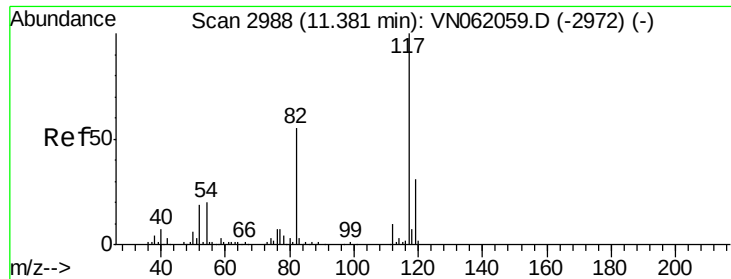
50000

0

Time-->

12.30 12.40 12.50





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062216.D

Acq: 30 Jun 2020 3:47

Instrument :

MSVOA_N

ClientSampleId :

PB129816ZHE#01

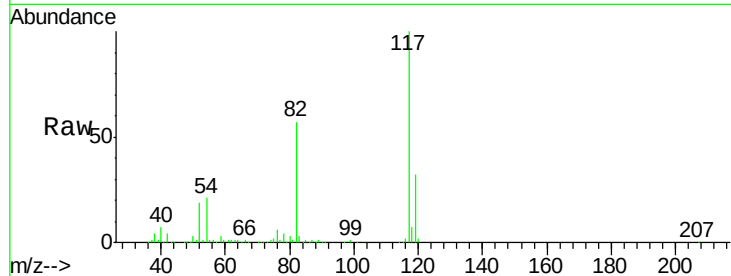
Tot Ion:117 Resp: 434616

Ion Ratio Lower Upper

117 100

82 56.9 43.8 65.8

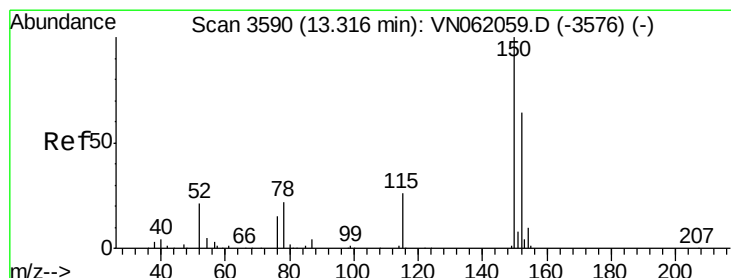
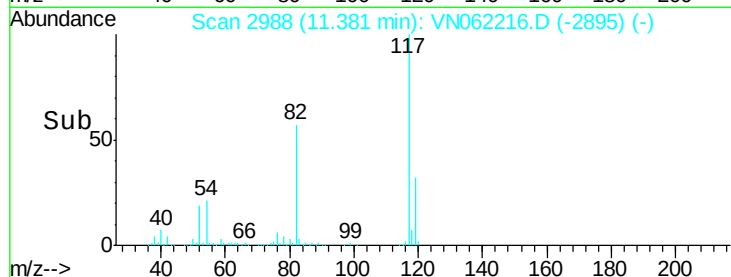
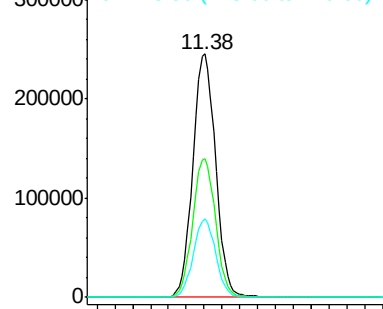
119 32.1 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062216.D

Acq: 30 Jun 2020 3:47

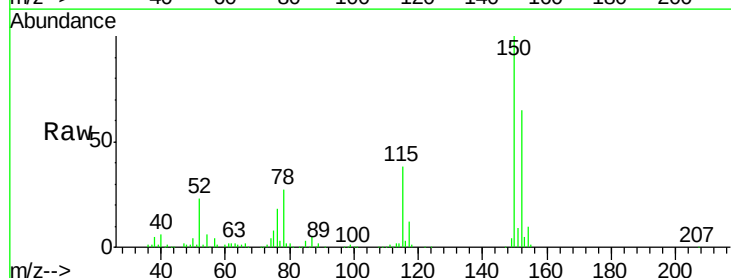
Tgt Ion:152 Resp: 153394

Ion Ratio Lower Upper

152 100

115 59.1 29.5 88.5

150 154.7 0.0 351.4



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

