

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072720\
 Data File : VN062609.D
 Acq On : 27 Jul 2020 19:32
 Operator : JC/MD
 Sample : PB130485ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130485ZHE#06

Quant Time: Jul 28 07:10:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

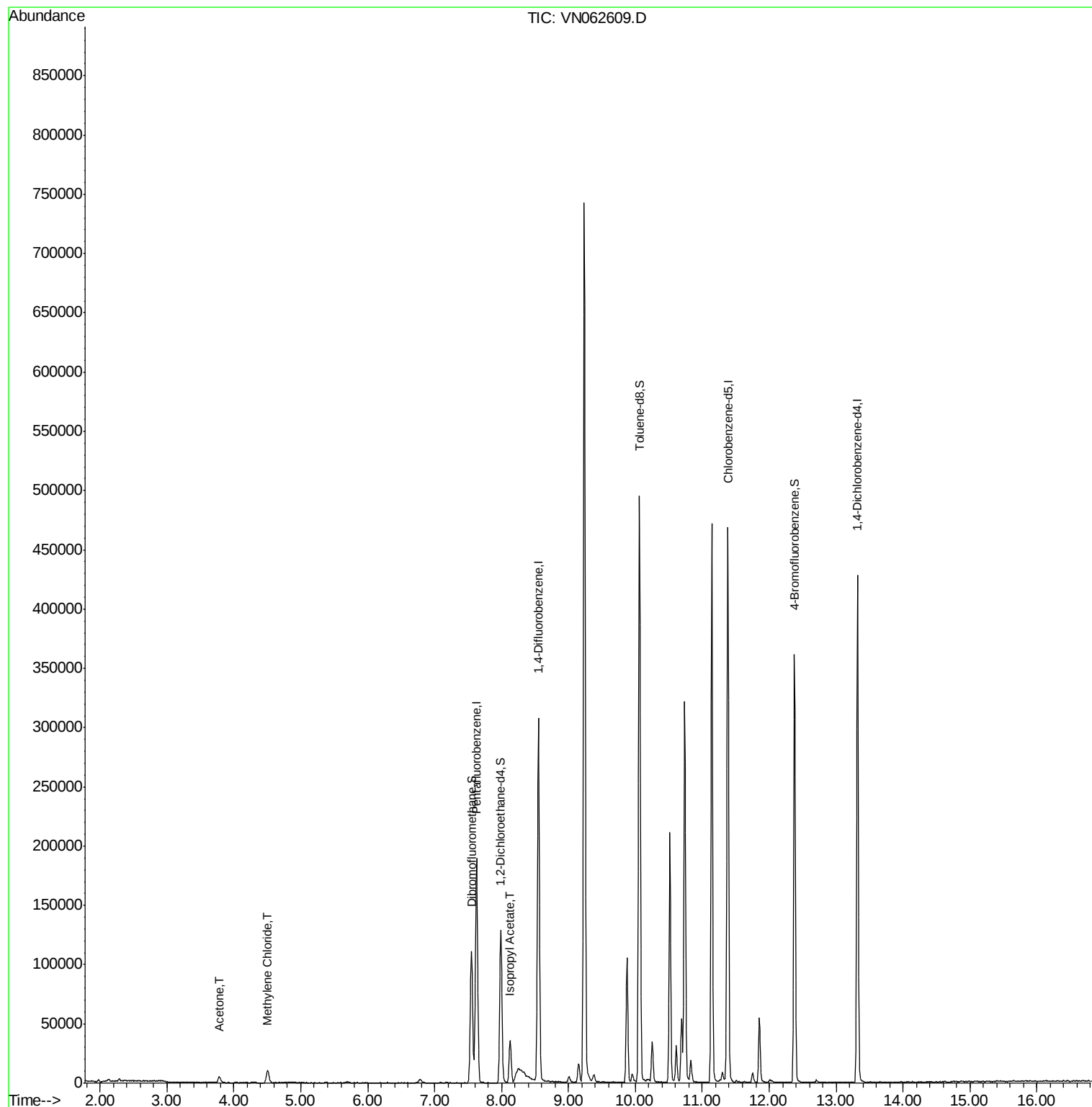
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	142420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	258608	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	256532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	107929	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	120436	54.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.88%	
35) Dibromofluoromethane	7.55	113	84627	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
50) Toluene-d8	10.06	98	333238	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
62) 4-Bromofluorobenzene	12.38	95	127702	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.06%	
Target Compounds						
16) Acetone	3.78	43	9612	11.545	ug/l	97
20) Methylene Chloride	4.51	84	7622	3.817	ug/l	91
43) Isopropyl Acetate	8.13	43	42104	8.790	ug/l #	91

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 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: VN062609.D

Acq: 27 Jul 2020 19:32

Instrument :

MSVOA_N

ClientSampleId :

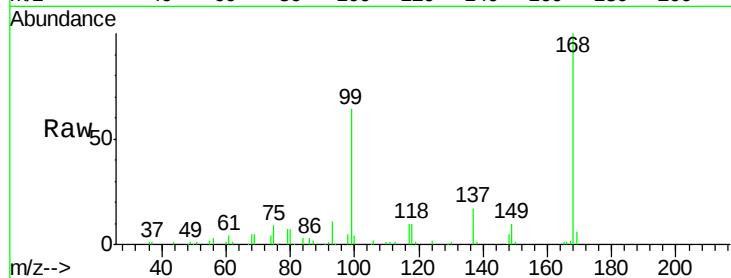
PB130485ZHE#06

Tot Ion:168 Resp: 142420

Ion Ratio Lower Upper

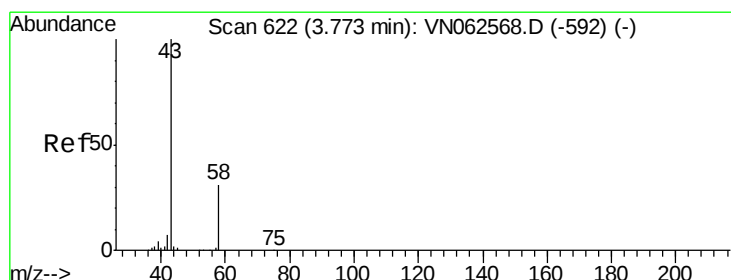
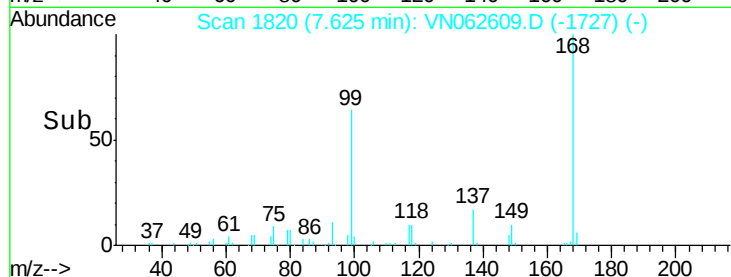
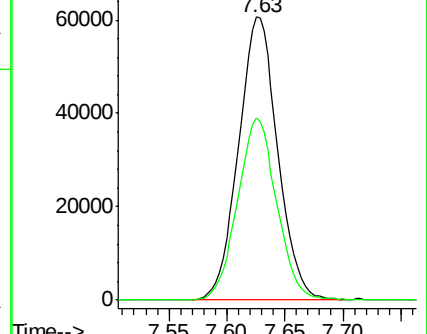
168 100

99 64.2 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 11.545 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062609.D

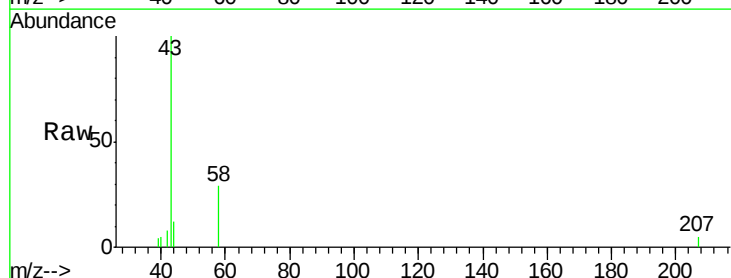
Acq: 27 Jul 2020 19:32

Tgt Ion: 43 Resp: 9612

Ion Ratio Lower Upper

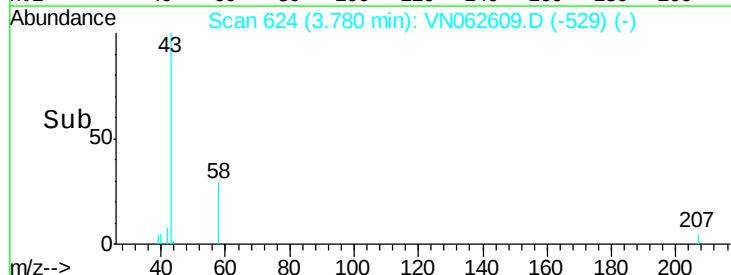
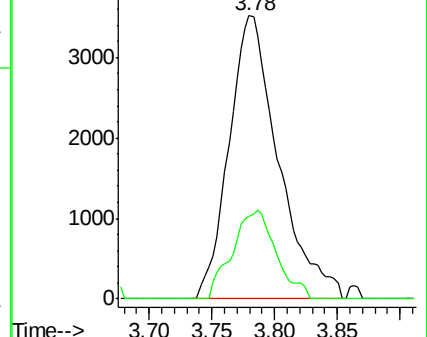
43 100

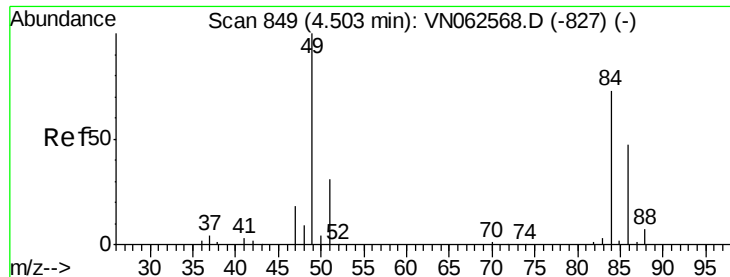
58 28.9 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

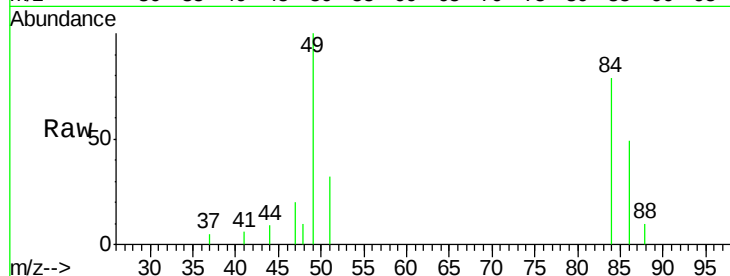




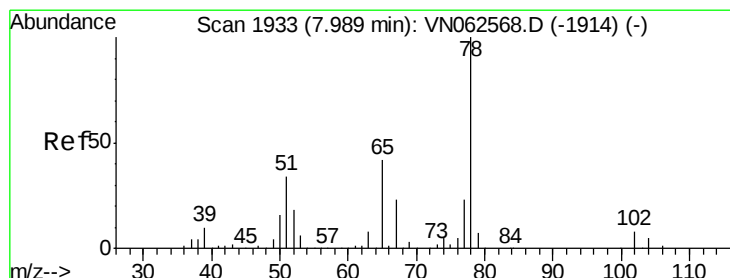
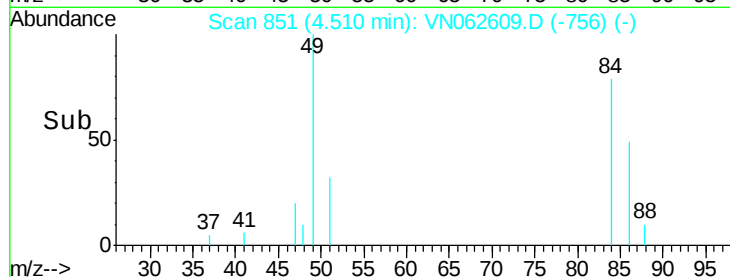
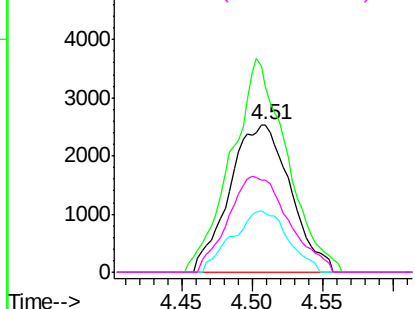
#20
Methvlene Chloride
Concen: 3.817 ug/l
RT: 4.51 min Scan# 851
Delta R.T. 0.01 min
Lab File: VN062609.D
Acq: 27 Jul 2020 19:32

Instrument :
MSVOA_N
ClientSampleId :
PB130485ZHE#06

Tot Ion: 84 Resp: 7622
Ion Ratio Lower Upper
84 100
49 120.1 109.4 164.0
51 40.1 33.6 50.4
86 62.4 51.4 77.2

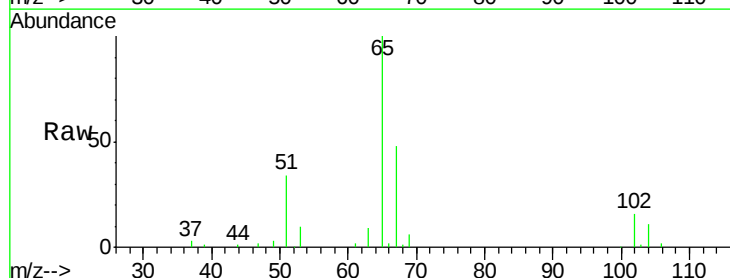


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

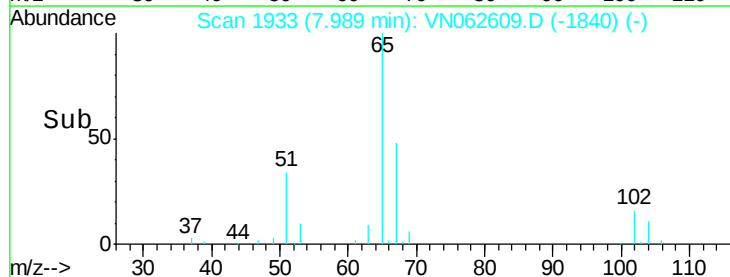
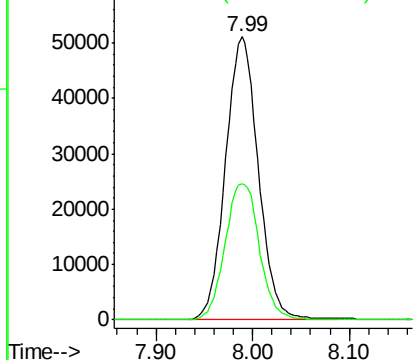


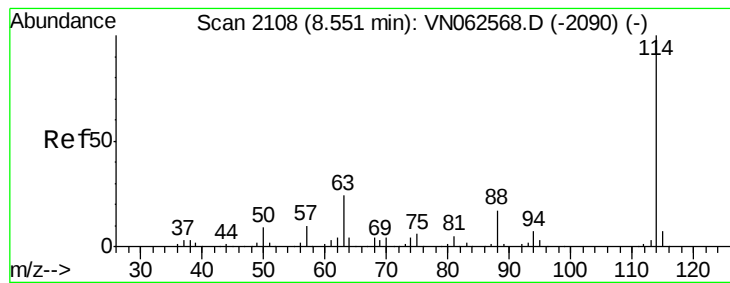
#33
1,2-Dichloroethane-d4
Concen: 54.436 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN062609.D
Acq: 27 Jul 2020 19:32

Tgt Ion: 65 Resp: 120436
Ion Ratio Lower Upper
65 100
67 50.3 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062609.D

Acq: 27 Jul 2020 19:32

Instrument :

MSVOA_N

ClientSampleId :

PB130485ZHE#06

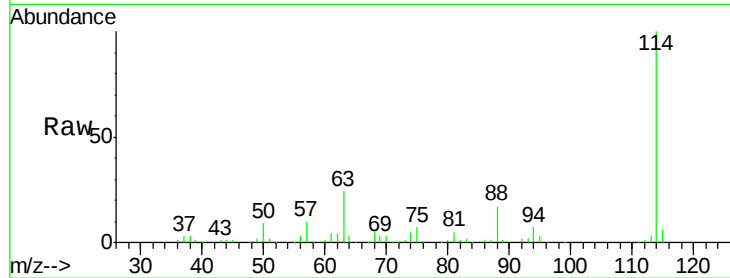
Tot Ion:114 Resp: 258608

Ion Ratio Lower Upper

114 100

63 24.1 0.0 48.4

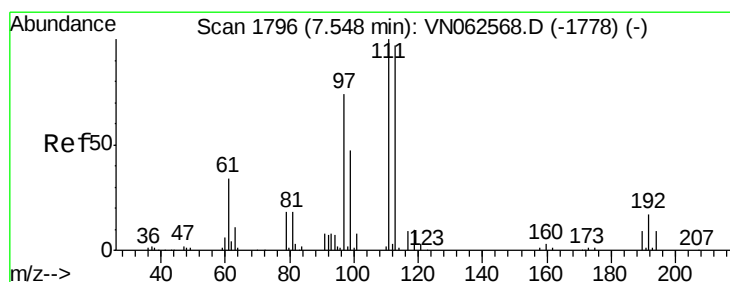
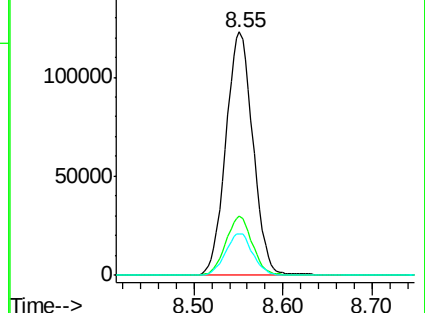
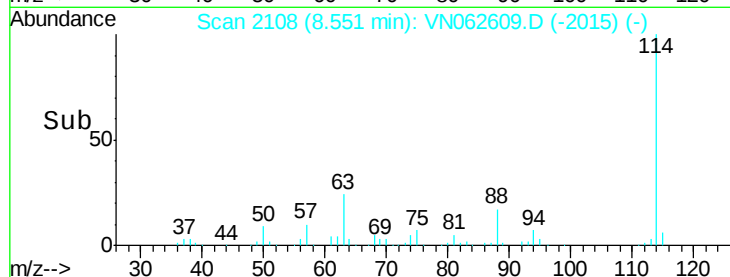
88 17.2 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 49.819 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN062609.D

Acq: 27 Jul 2020 19:32

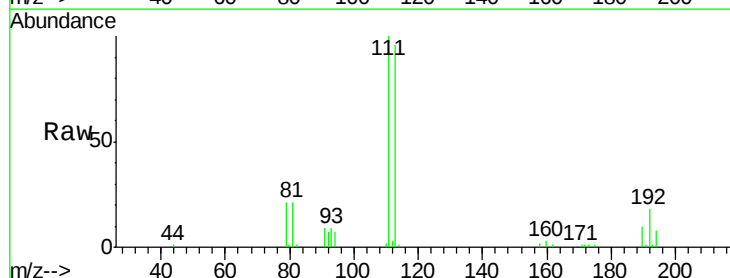
Tgt Ion:113 Resp: 84627

Ion Ratio Lower Upper

113 100

111 102.0 82.7 124.1

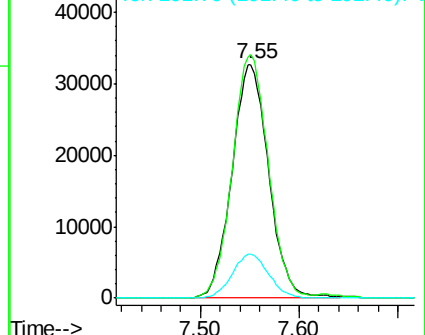
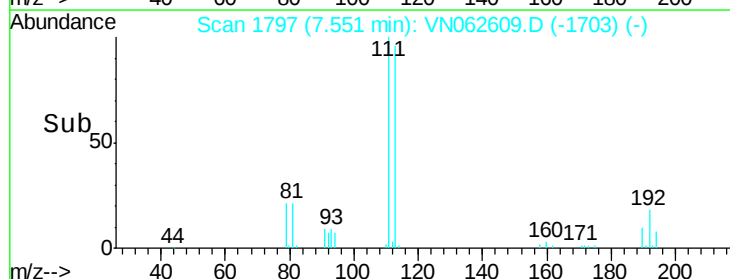
192 18.6 14.8 22.2

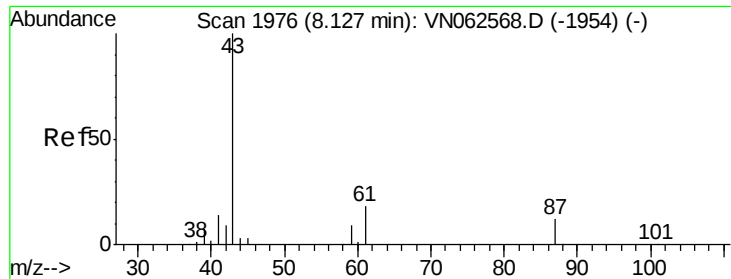


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.790 ug/l

RT: 8.13 min Scan# 1977

Delta R.T. 0.00 min

Lab File: VN062609.D

Acq: 27 Jul 2020 19:32

Instrument :

MSVOA_N

ClientSampleId :

PB130485ZHE#06

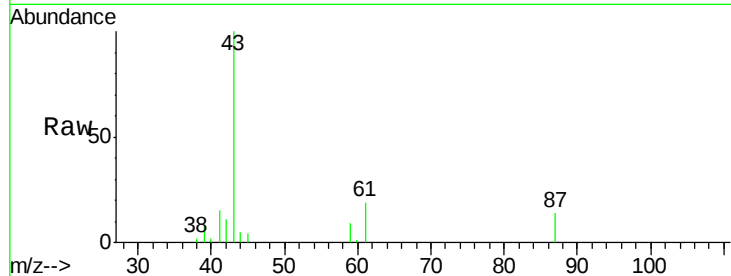
Tot Ion: 43 Resp: 42104

Ion Ratio Lower Upper

43 100

61 20.0 20.8 31.2#

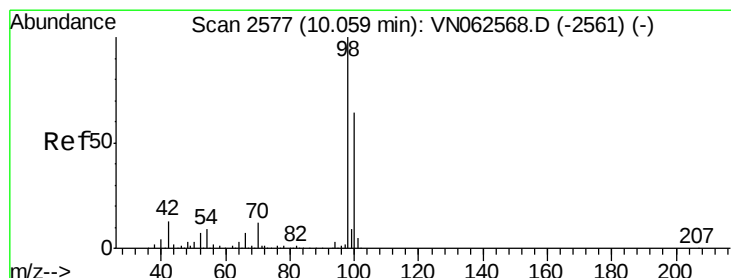
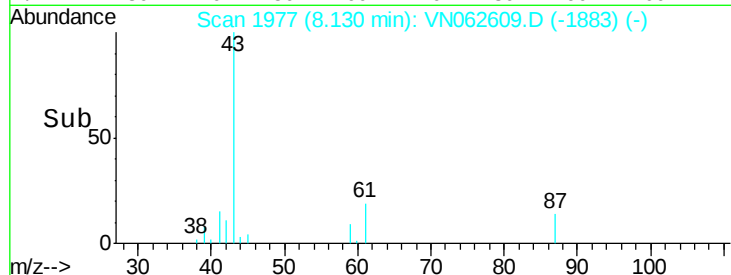
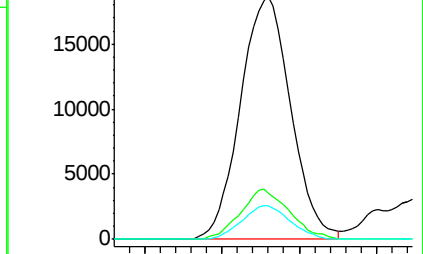
87 13.2 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN062568.D (-1954) (-)

Ion 61.00 (60.70 to 61.70): VN062568.D (-1954) (-)

Ion 87.00 (86.70 to 87.70): VN062568.D (-1954) (-)



#50

Toluene-d8

Concen: 49.167 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062609.D

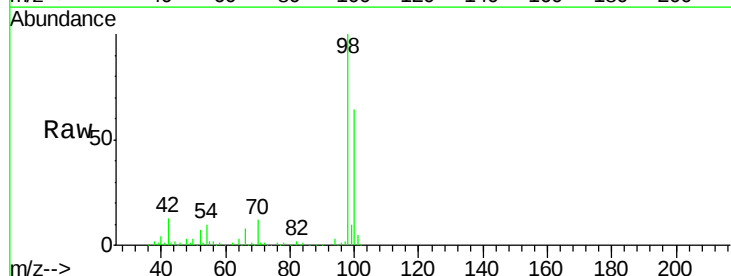
Acq: 27 Jul 2020 19:32

Tgt Ion: 98 Resp: 333238

Ion Ratio Lower Upper

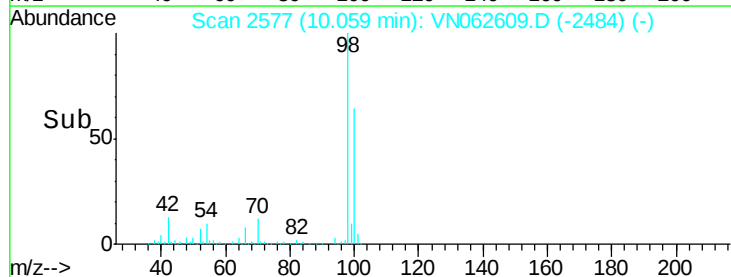
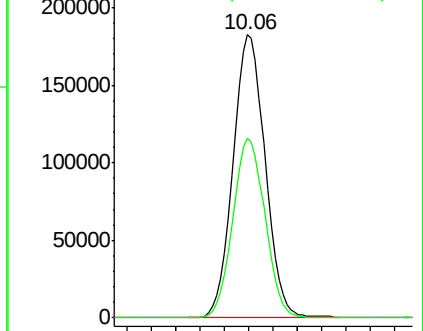
98 100

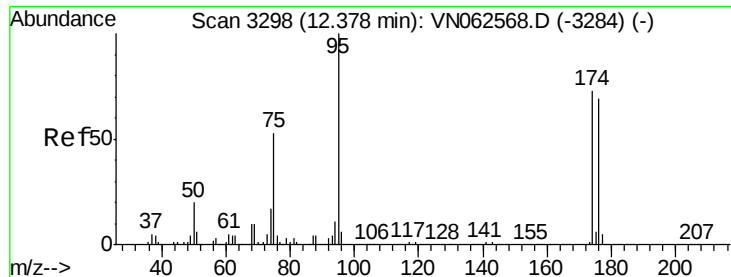
100 63.8 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062568.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN062568.D (-2561) (-)





#62

4-Bromofluorobenzene

Concen: 51.530 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062609.D

Acq: 27 Jul 2020 19:32

Instrument :

MSVOA_N

ClientSampleId :

PB130485ZHE#06

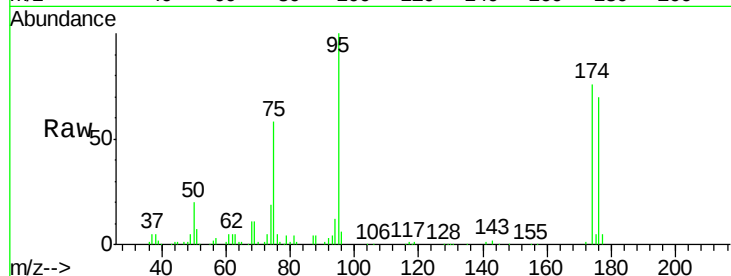
Tot Ion: 95 Resp: 127702

Ion Ratio Lower Upper

95 100

174 74.3 0.0 144.6

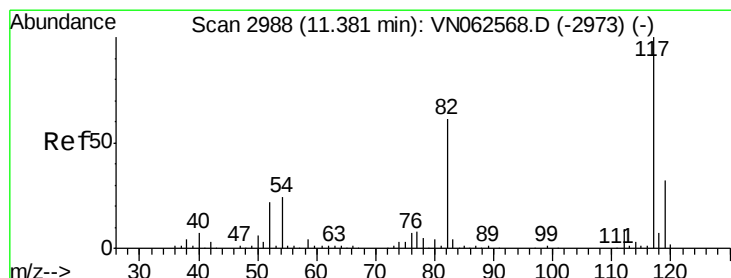
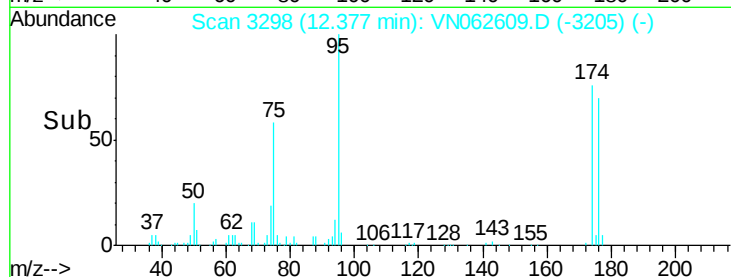
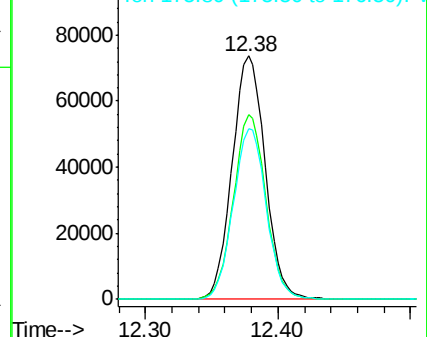
176 70.2 0.0 139.4



Abundance Ion 94.90 (94.60 to 95.60): VN062609.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN062609.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN062609.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062609.D

Acq: 27 Jul 2020 19:32

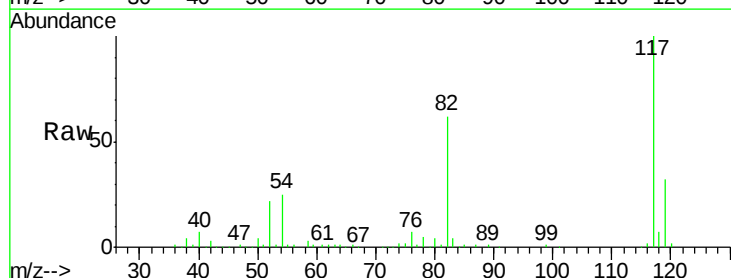
Tgt Ion: 117 Resp: 256532

Ion Ratio Lower Upper

117 100

82 62.4 49.0 73.6

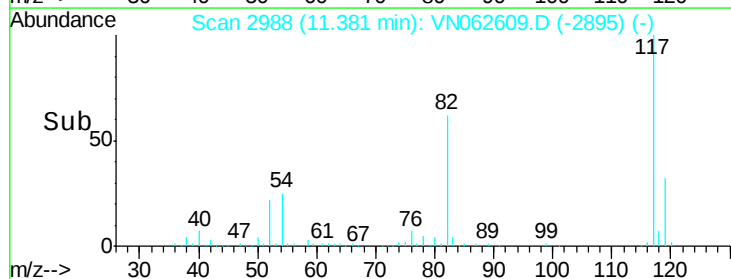
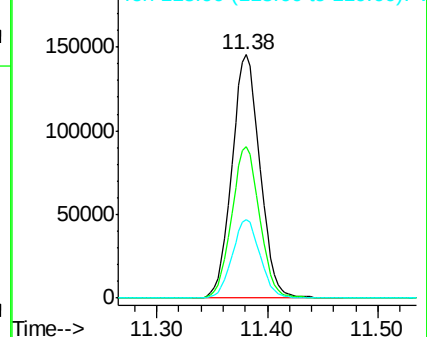
119 32.4 25.4 38.2

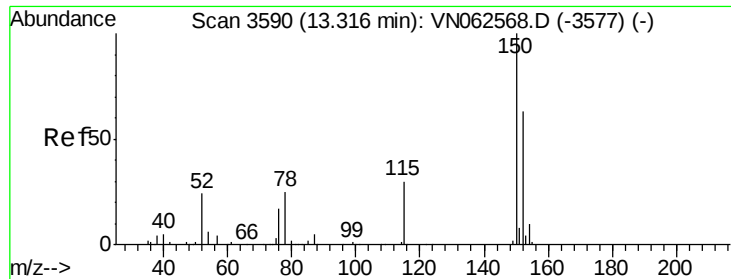


Abundance Ion 116.90 (116.60 to 117.60): VN062609.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN062609.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN062609.D (-2895) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062609.D

Acq: 27 Jul 2020 19:32

Instrument :

MSVOA_N

ClientSampleId :

PB130485ZHE#06

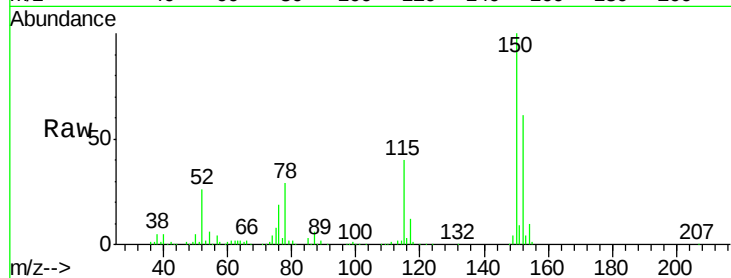
Tot Ion:152 Resp: 107929

Ion Ratio Lower Upper

152 100

115 64.8 31.8 95.4

150 160.3 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

