

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072720\
 Data File : VN062603.D
 Acq On : 27 Jul 2020 17:11
 Operator : JC/MD
 Sample : PB130485TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130485TB

Quant Time: Jul 28 06:55:00 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

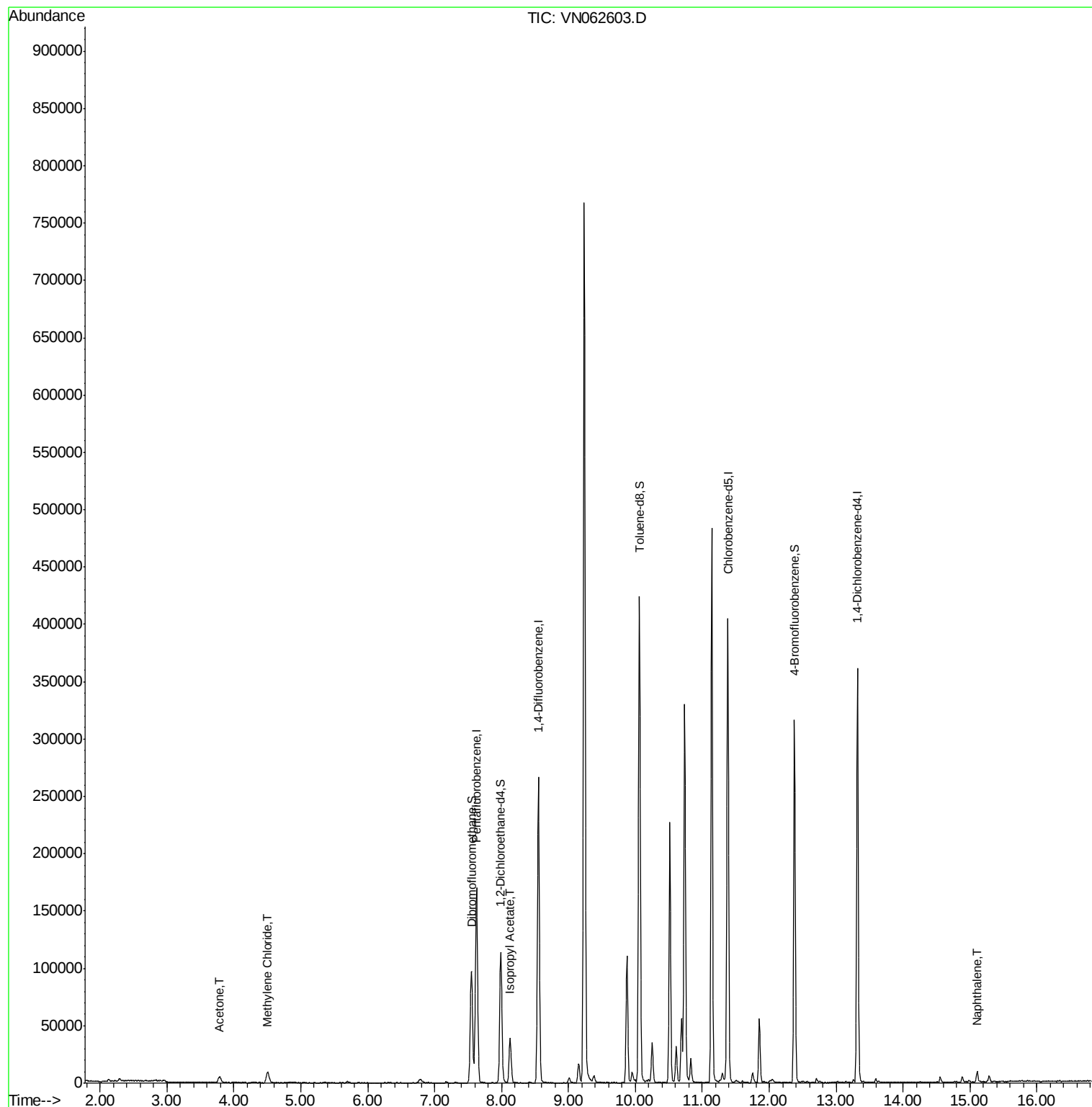
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	128418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	220256	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	221170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	92927	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	105256	52.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.52%	
35) Dibromofluoromethane	7.55	113	74065	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
50) Toluene-d8	10.06	98	285778	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	12.38	95	111779	52.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.92%	
Target Compounds						
16) Acetone	3.79	43	10150	13.521	ug/l	96
20) Methylene Chloride	4.51	84	7196	3.997	ug/l	94
43) Isopropyl Acetate	8.13	43	46521	11.403	ug/l #	91
95) Naphthalene	15.11	128	8804	5.732	ug/l #	97

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

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Quant Time: Jul 28 06:55:00 2020
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# 1821

Delta R.T. 0.00 min

Lab File: VN062603.D

Acq: 27 Jul 2020 17:11

Instrument :

MSVOA_N

ClientSampleId :

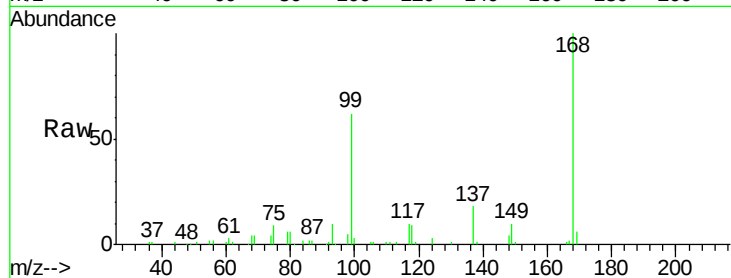
PB130485TB

Tot Ion:168 Resp: 128418

Ion Ratio Lower Upper

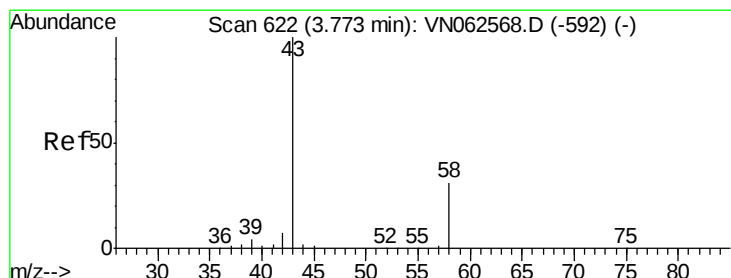
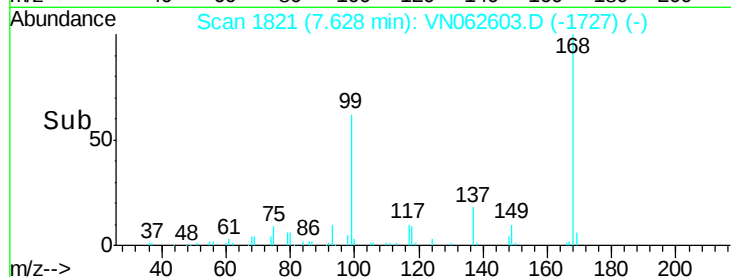
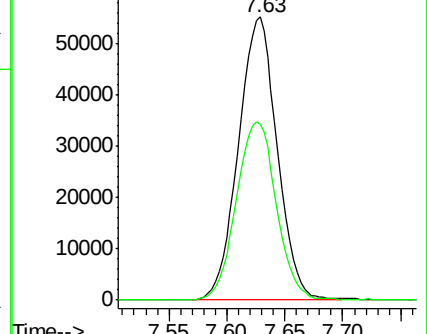
168 100

99 62.0 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: 13.521 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN062603.D

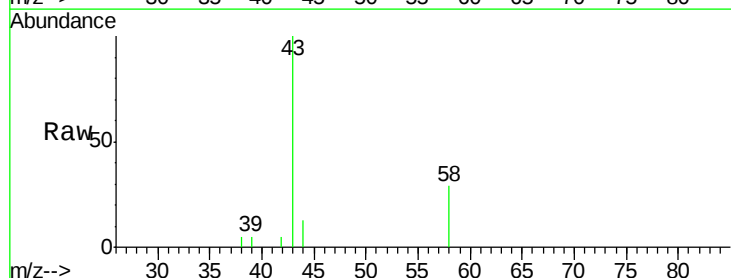
Acq: 27 Jul 2020 17:11

Tgt Ion: 43 Resp: 10150

Ion Ratio Lower Upper

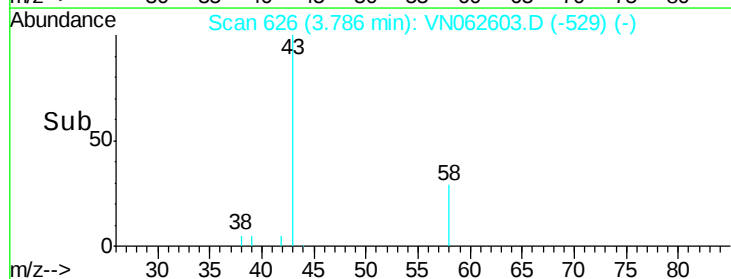
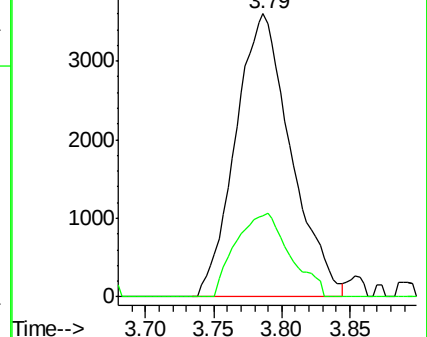
43 100

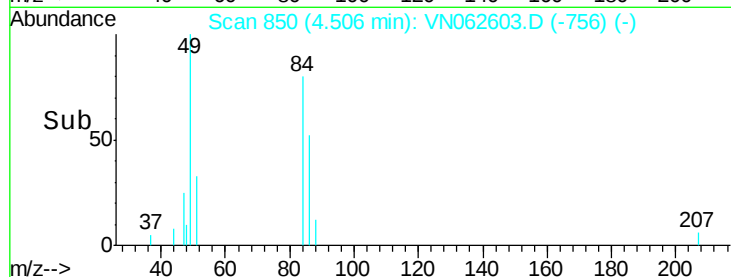
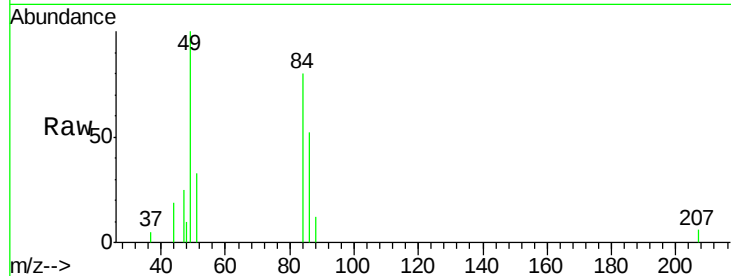
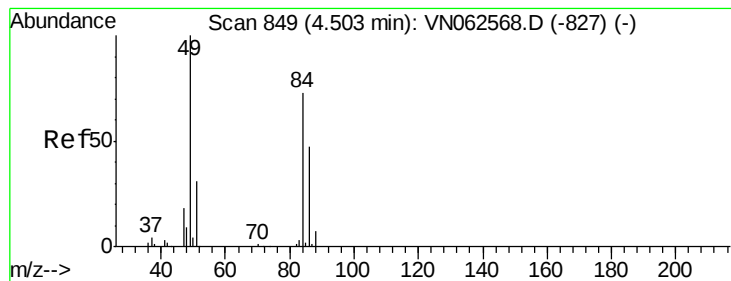
58 28.9 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 3.997 ug/l

RT: 4.51 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN062603.D

Acq: 27 Jul 2020 17:11

Instrument :

MSVOA_N

ClientSampled :

PB130485TB

Tot Ion: 84 Resp: 7196

Ion Ratio Lower Upper

84 100

49 124.7 109.4 164.0

51 40.7 33.6 50.4

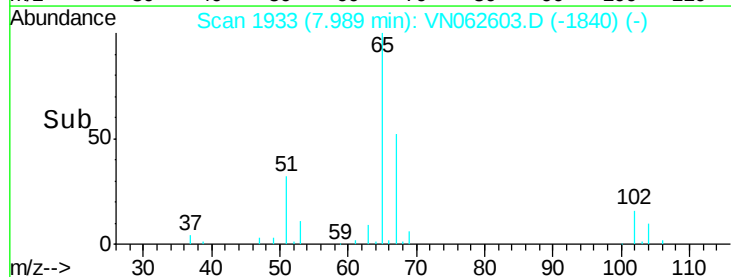
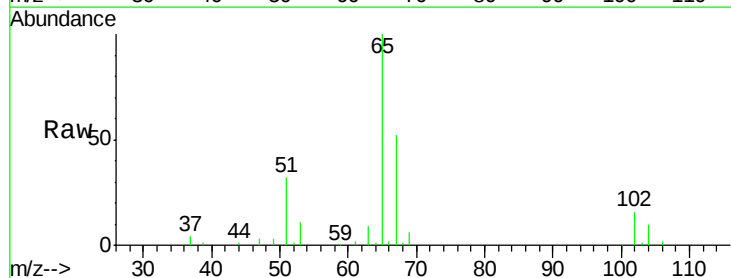
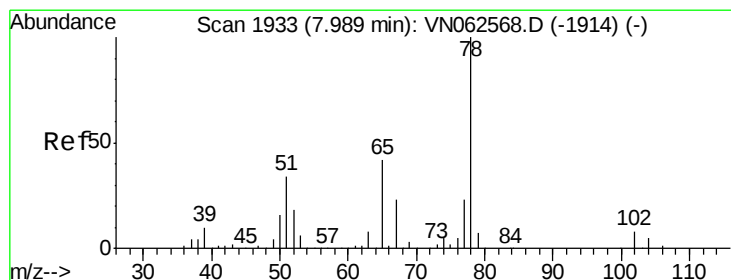
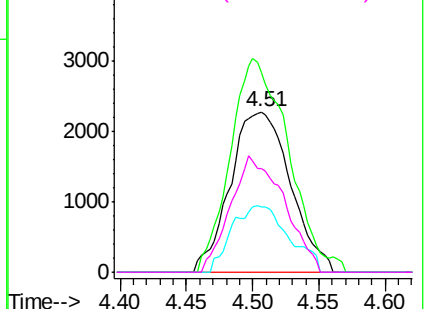
86 64.4 51.4 77.2

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: 52.762 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062603.D

Acq: 27 Jul 2020 17:11

Tgt Ion: 65 Resp: 105256

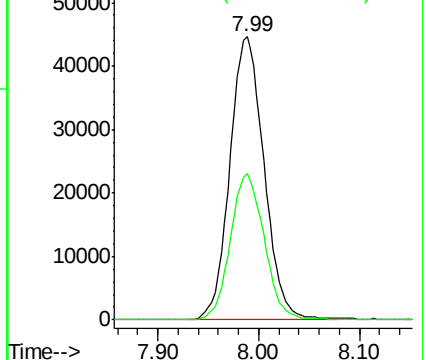
Ion Ratio Lower Upper

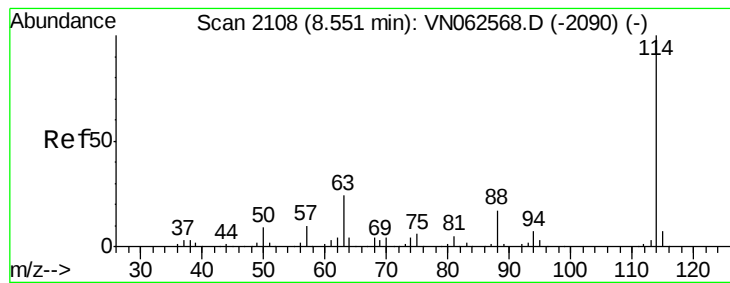
65 100

67 50.9 0.0 106.0

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: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062603.D

Acq: 27 Jul 2020 17:11

Instrument :

MSVOA_N

ClientSampled :

PB130485TB

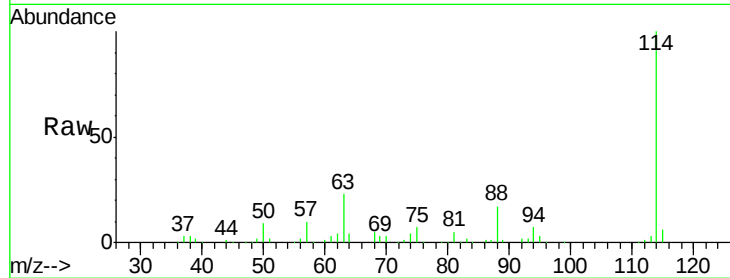
Tot Ion:114 Resp: 220256

Ion Ratio Lower Upper

114 100

63 22.8 0.0 48.4

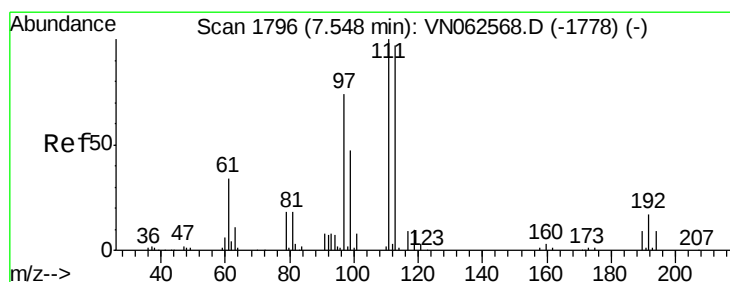
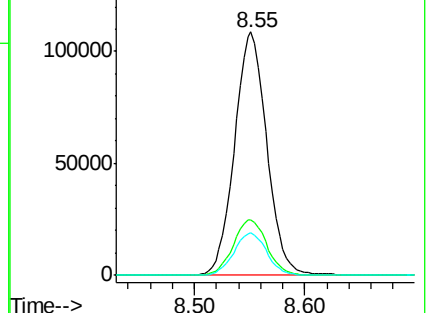
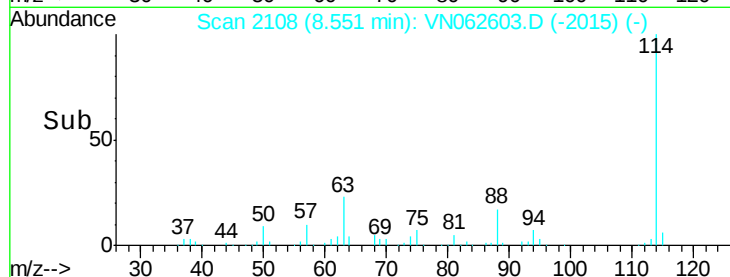
88 17.3 0.0 33.8



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: 51.193 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN062603.D

Acq: 27 Jul 2020 17:11

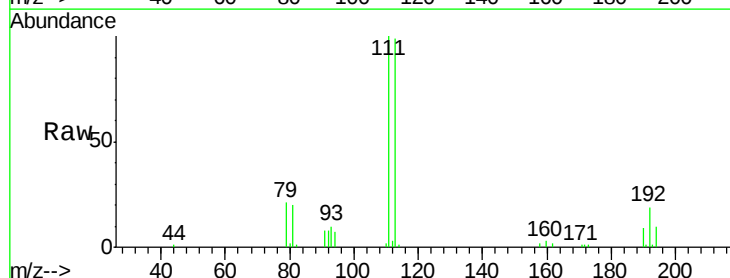
Tgt Ion:113 Resp: 74065

Ion Ratio Lower Upper

113 100

111 102.1 82.7 124.1

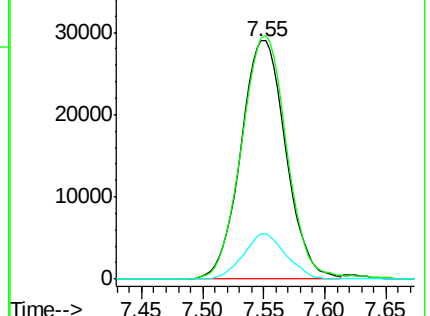
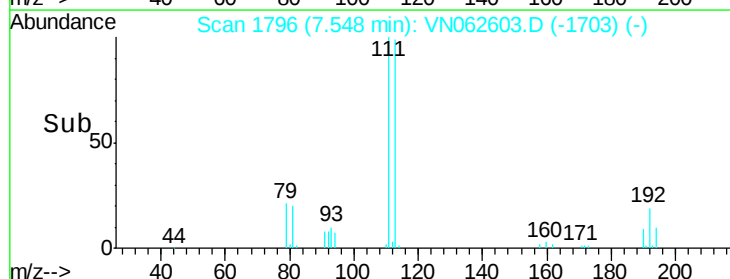
192 18.0 14.8 22.2

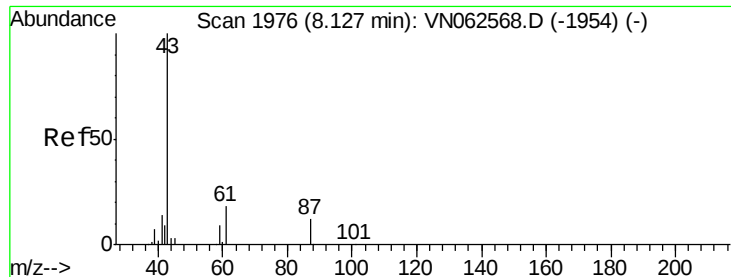


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 11.403 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062603.D

Acq: 27 Jul 2020 17:11

Instrument :

MSVOA_N

ClientSampled :

PB130485TB

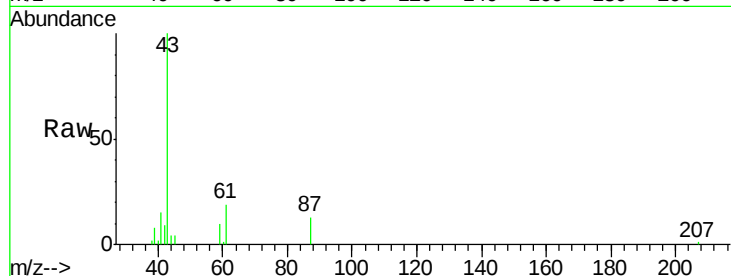
Tot Ion: 43 Resp: 46521

Ion Ratio Lower Upper

43 100

61 19.3 20.8 31.2#

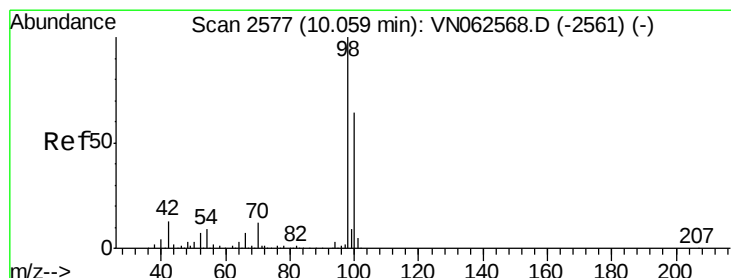
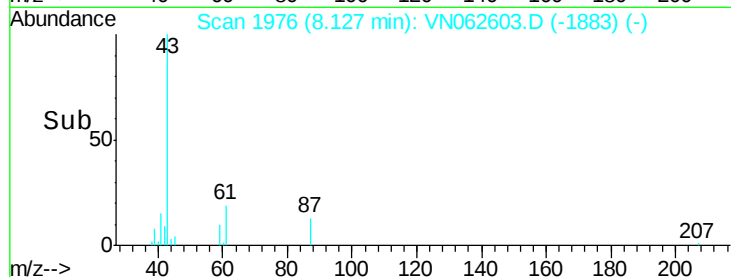
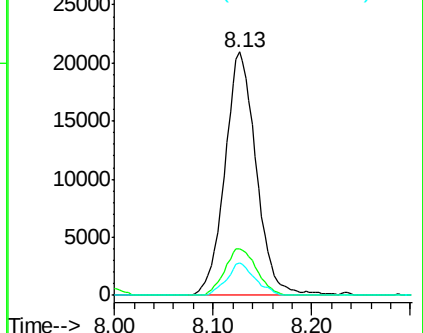
87 11.9 9.2 13.8



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: 49.507 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062603.D

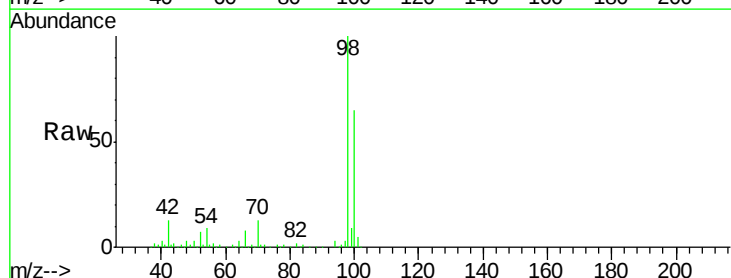
Acq: 27 Jul 2020 17:11

Tgt Ion: 98 Resp: 285778

Ion Ratio Lower Upper

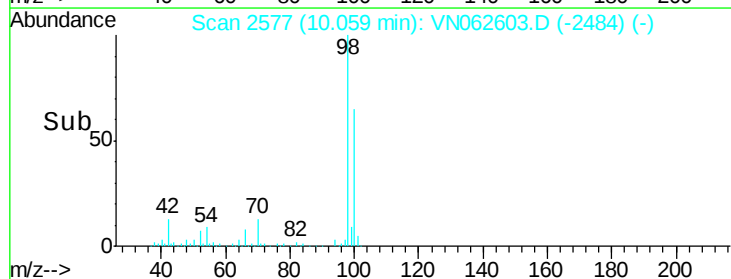
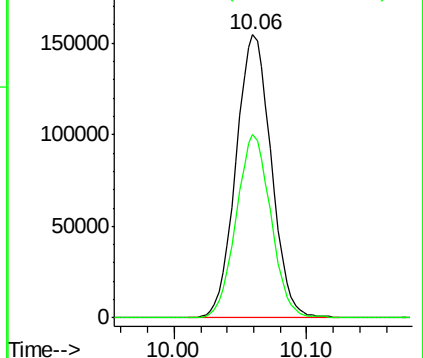
98 100

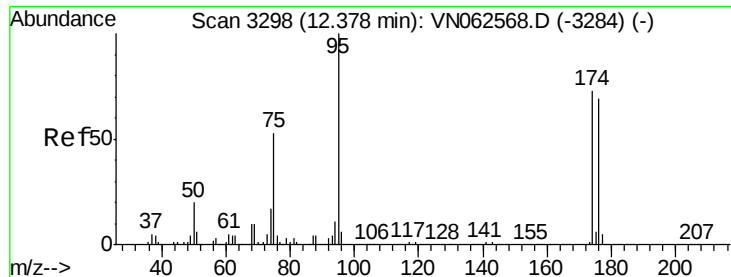
100 63.7 50.9 76.3



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

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

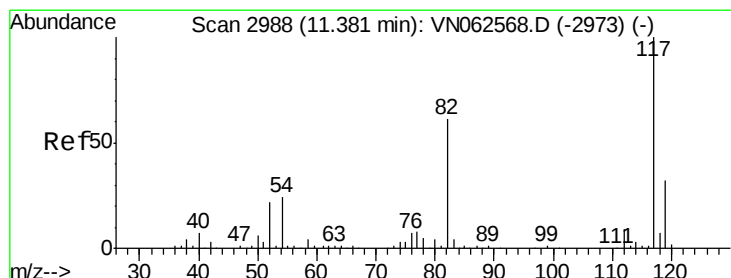
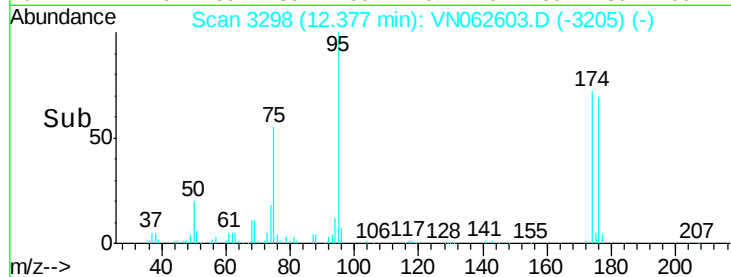
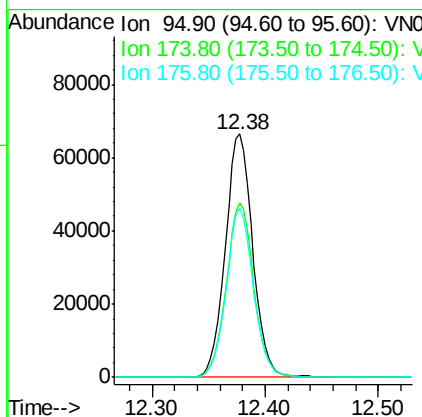
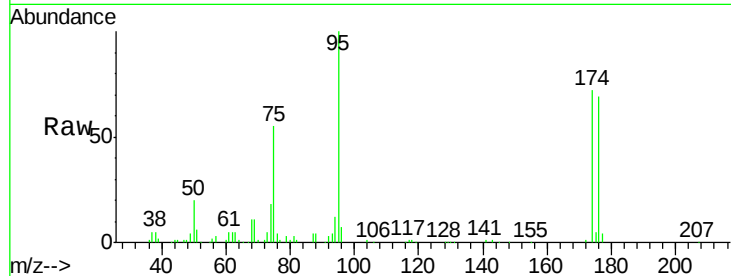




#62
4-Bromofluorobenzene
Concen: 52.959 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062603.D
Acq: 27 Jul 2020 17:11

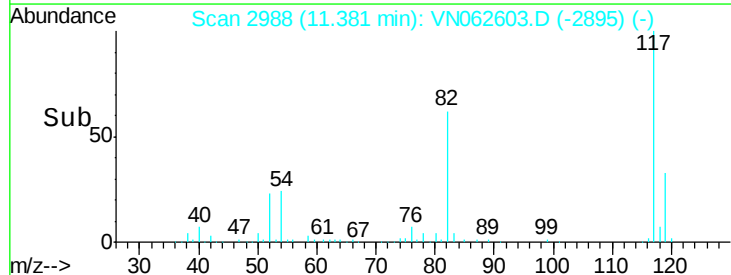
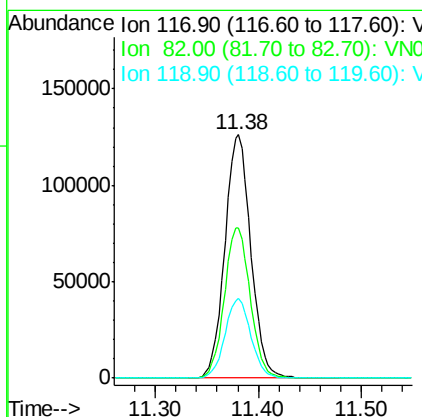
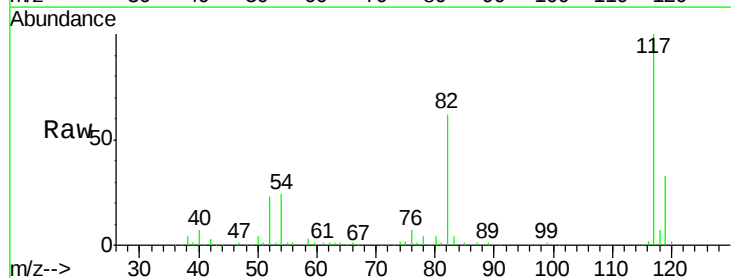
Instrument :
MSVOA_N
ClientSampled :
PB130485TB

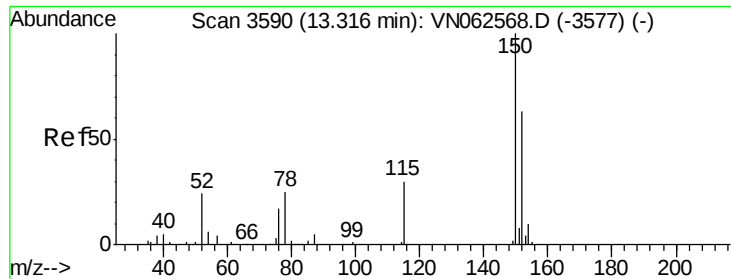
Tot Ion: 95 Resp: 111779
Ion Ratio Lower Upper
95 100
174 72.2 0.0 144.6
176 69.0 0.0 139.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062603.D
Acq: 27 Jul 2020 17:11

Tgt Ion: 117 Resp: 221170
Ion Ratio Lower Upper
117 100
82 61.7 49.0 73.6
119 32.7 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062603.D

Acq: 27 Jul 2020 17:11

Instrument :

MSVOA_N

ClientSampleId :

PB130485TB

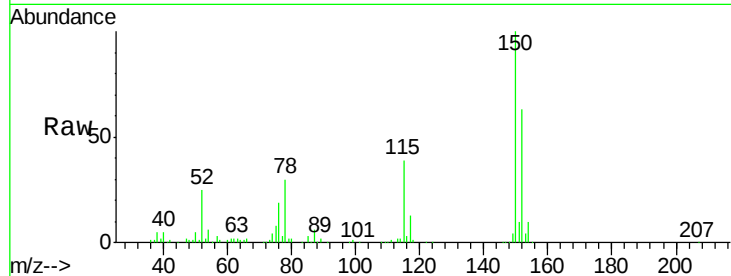
Tot Ion:152 Resp: 92927

Ion Ratio Lower Upper

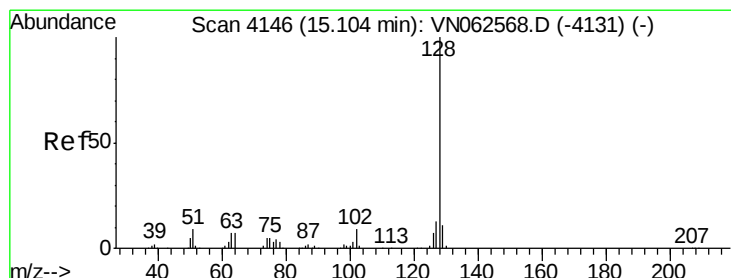
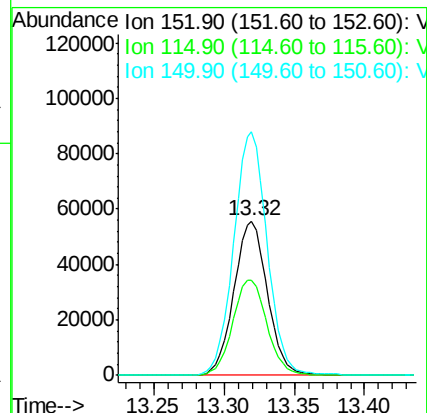
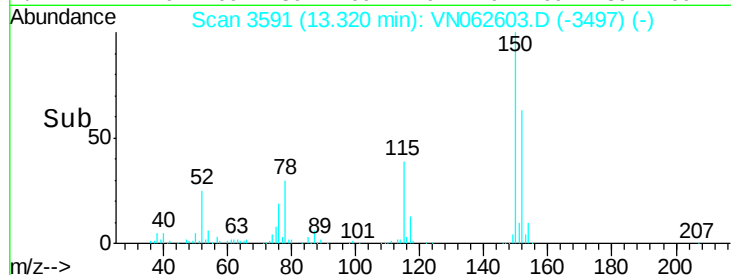
152 100

115 63.0 31.8 95.4

150 157.2 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



#95

Naphthalene

Concen: 5.732 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062603.D

Acq: 27 Jul 2020 17:11

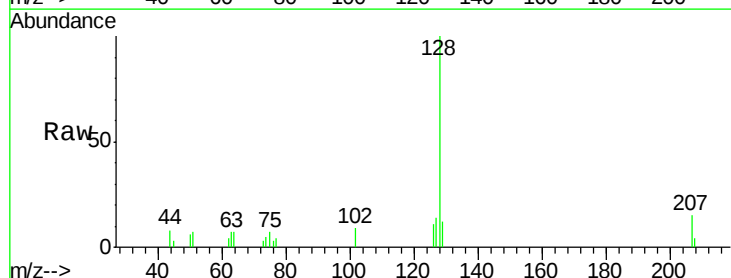
Tgt Ion:128 Resp: 8804

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 13.6 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

