

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072720\
 Data File : VN062608.D
 Acq On : 27 Jul 2020 19:08
 Operator : JC/MD
 Sample : PB130485ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130485ZHE#05

Quant Time: Jul 28 07:07:52 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

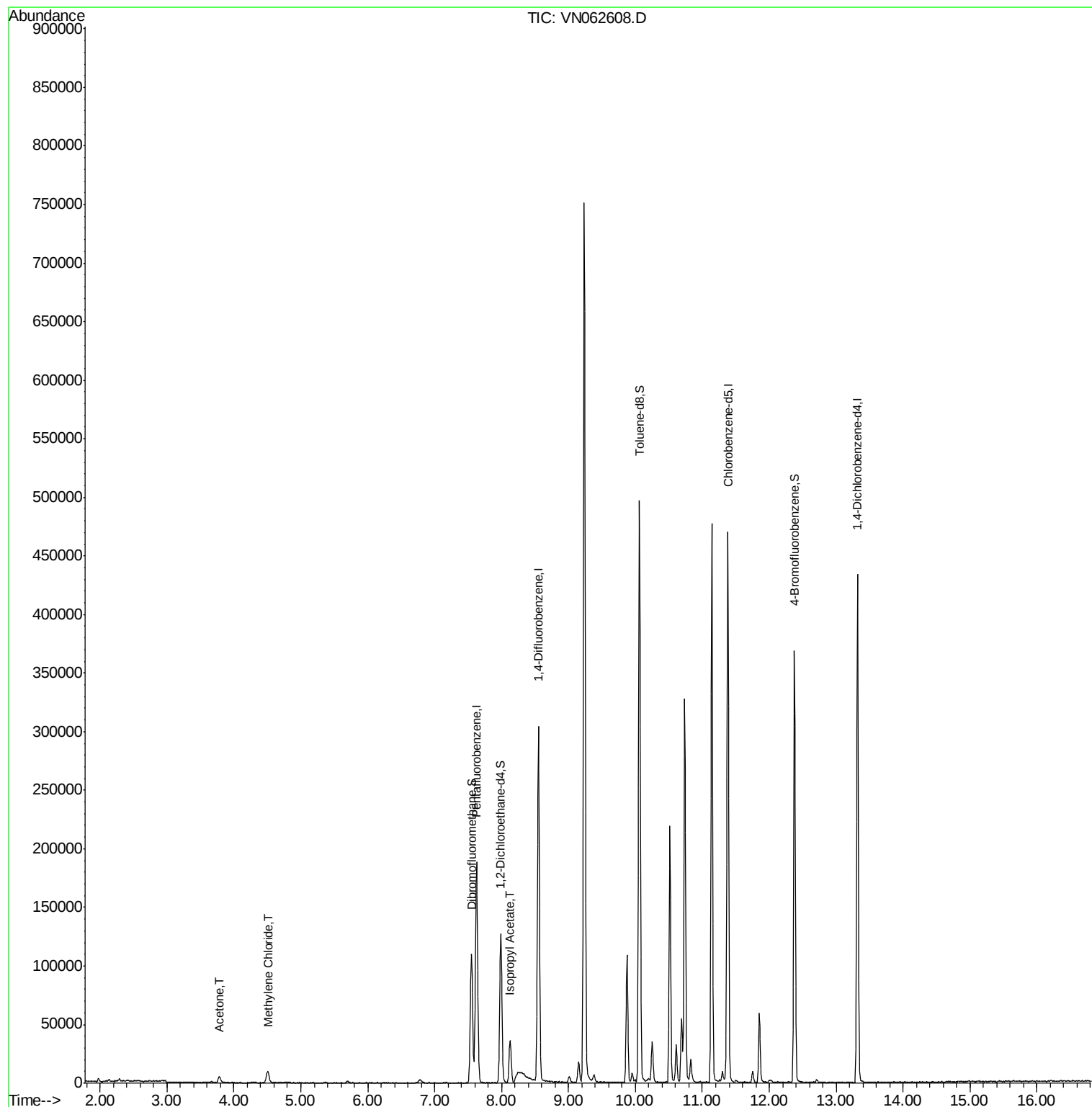
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	143040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	252368	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	253222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	109972	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	118567	53.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.72%	
35) Dibromofluoromethane	7.55	113	81955	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
50) Toluene-d8	10.06	98	329933	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.76%	
62) 4-Bromofluorobenzene	12.38	95	127277	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
Target Compounds						
16) Acetone	3.78	43	9845	11.774	ug/l	97
20) Methylene Chloride	4.51	84	7258	3.619	ug/l	96
43) Isopropyl Acetate	8.13	43	43998	9.412	ug/l #	90

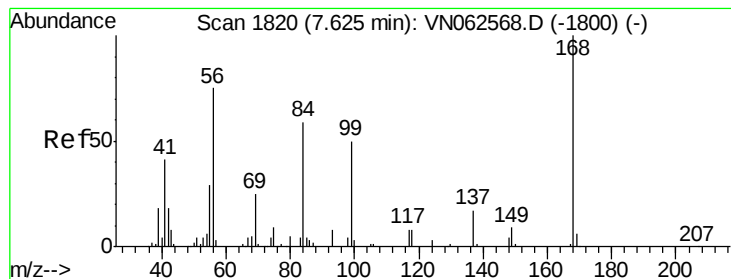
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072720\
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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: VN062608.D

Acq: 27 Jul 2020 19:08

Instrument :

MSVOA_N

ClientSampleId :

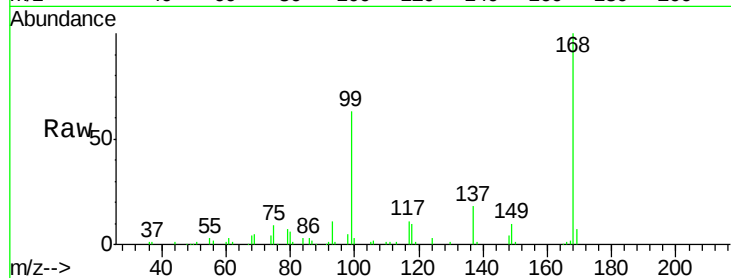
PB130485ZHE#05

Tot Ion:168 Resp: 143040

Ion Ratio Lower Upper

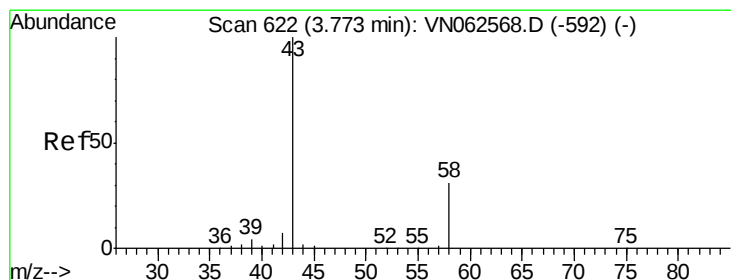
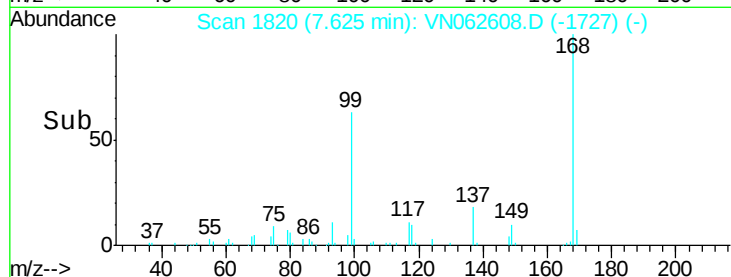
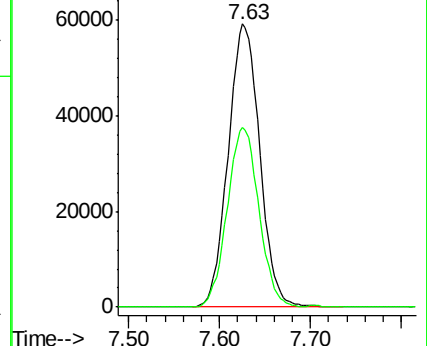
168 100

99 63.3 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 11.774 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062608.D

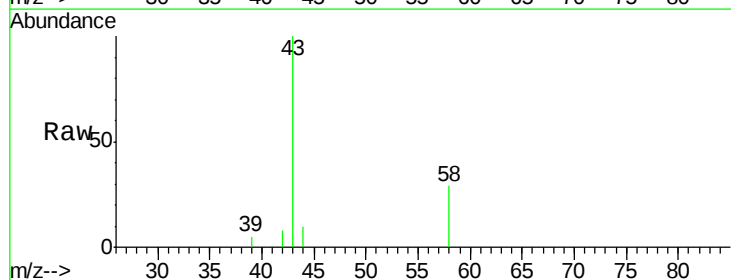
Acq: 27 Jul 2020 19:08

Tgt Ion: 43 Resp: 9845

Ion Ratio Lower Upper

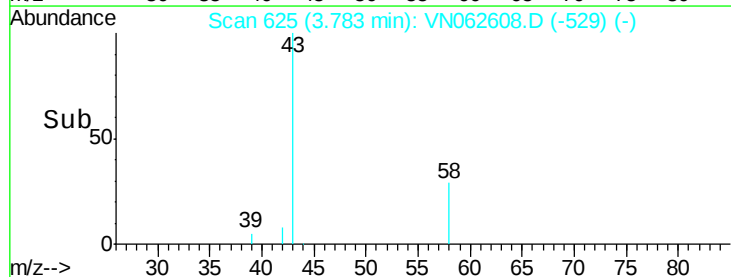
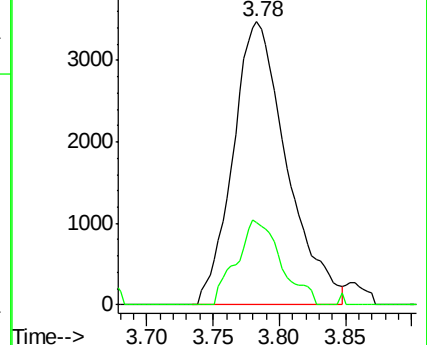
43 100

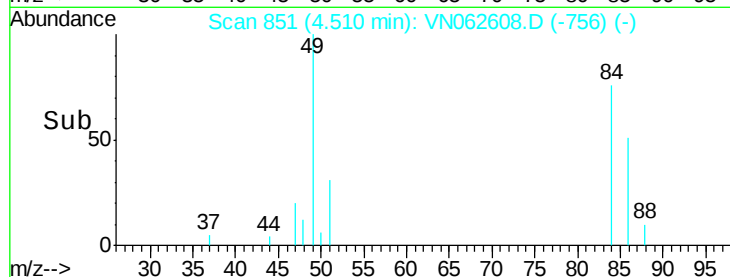
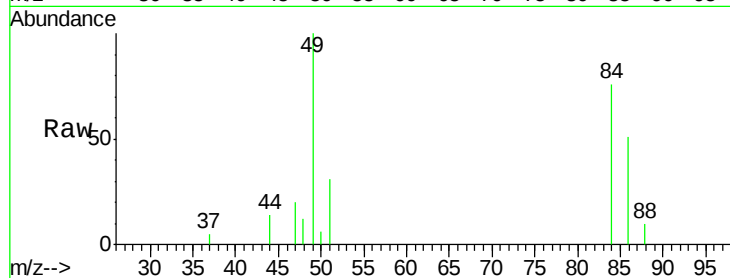
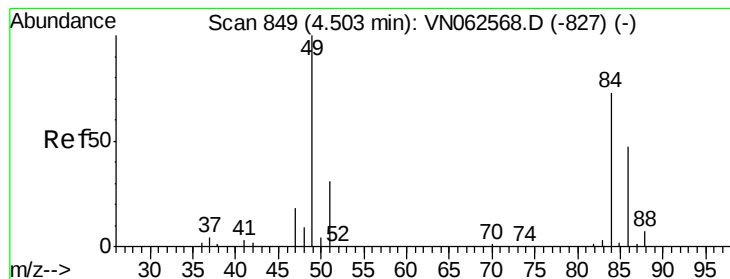
58 29.2 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#20

Methylene Chloride

Concen: 3.619 ug/l

RT: 4.51 min Scan# 851

Delta R.T. 0.01 min

Lab File: VN062608.D

Acq: 27 Jul 2020 19:08

Instrument :

MSVOA_N

ClientSampleId :

PB130485ZHE#05

Tot Ion: 84 Resp: 7258

Ion Ratio Lower Upper

84 100

49 131.1 109.4 164.0

51 40.4 33.6 50.4

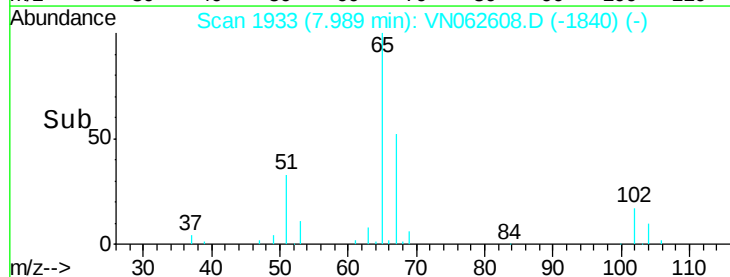
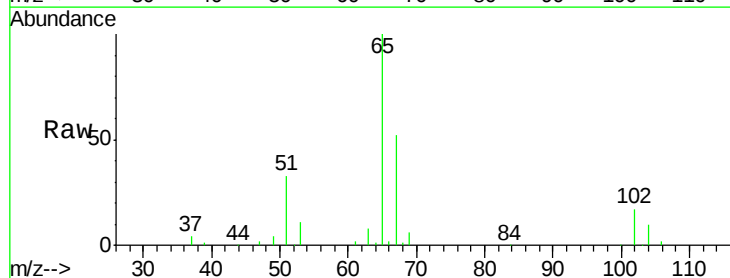
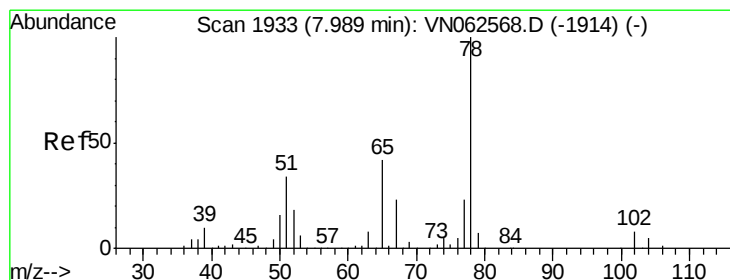
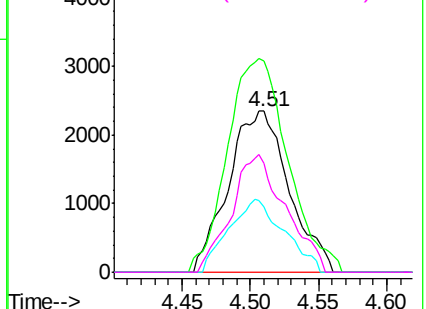
86 67.4 51.4 77.2

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: 53.359 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062608.D

Acq: 27 Jul 2020 19:08

Tgt Ion: 65 Resp: 118567

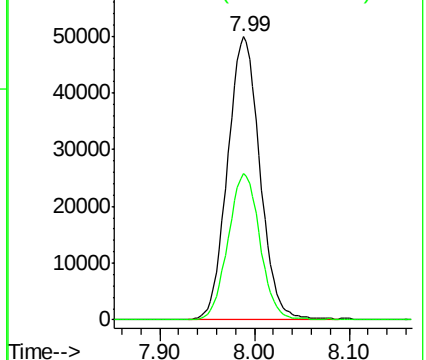
Ion Ratio Lower Upper

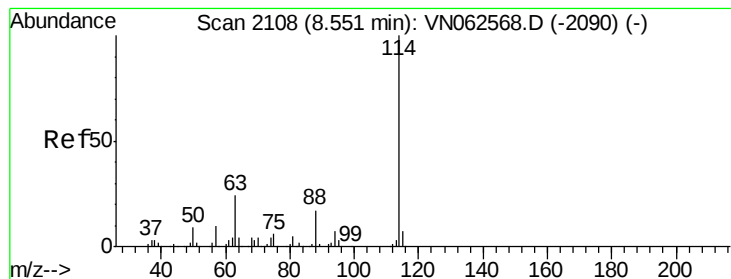
65 100

67 50.8 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: VN062608.D

Acq: 27 Jul 2020 19:08

Instrument :

MSVOA_N

ClientSampleId :

PB130485ZHE#05

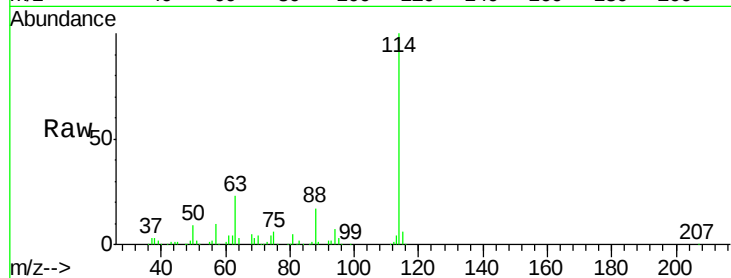
Tot Ion:114 Resp: 252368

Ion Ratio Lower Upper

114 100

63 23.4 0.0 48.4

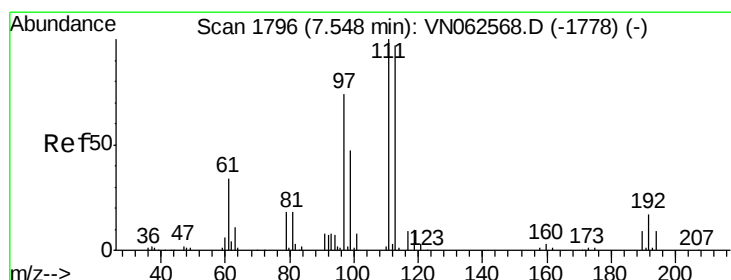
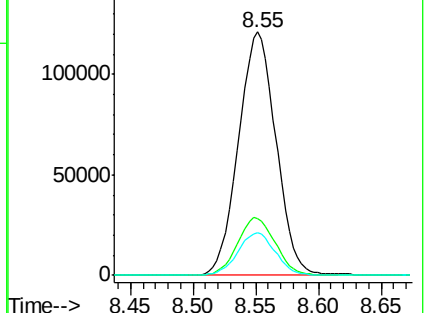
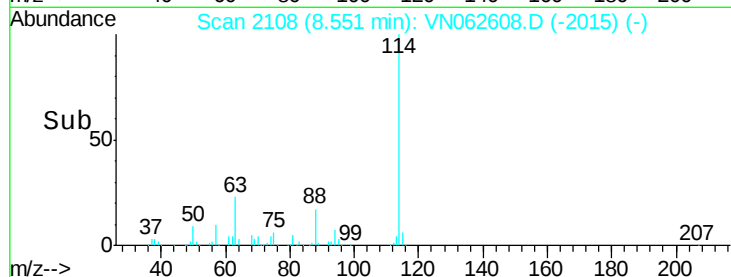
88 17.5 0.0 33.8



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: 49.439 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN062608.D

Acq: 27 Jul 2020 19:08

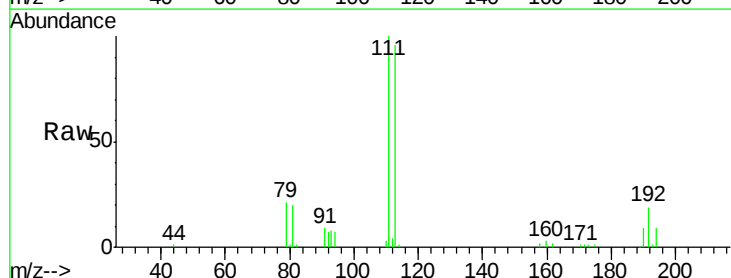
Tgt Ion:113 Resp: 81955

Ion Ratio Lower Upper

113 100

111 105.0 82.7 124.1

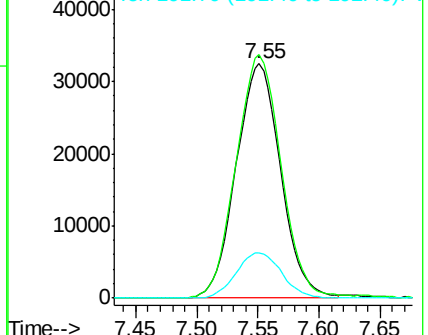
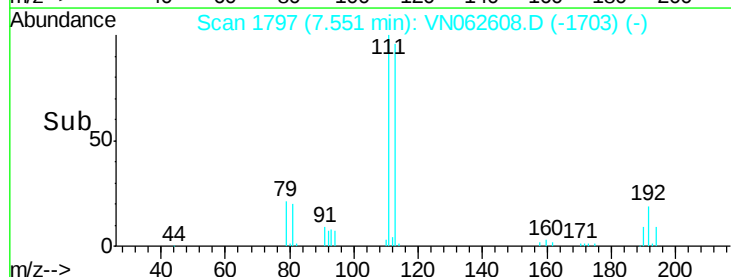
192 19.6 14.8 22.2

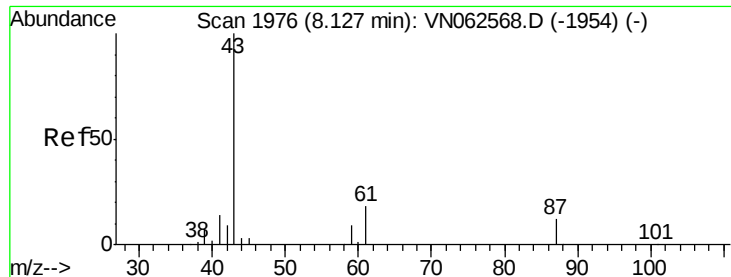


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.412 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062608.D

Acq: 27 Jul 2020 19:08

Instrument :

MSVOA_N

ClientSampleId :

PB130485ZHE#05

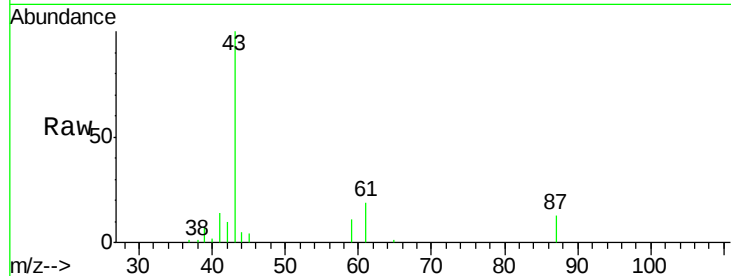
Tot Ion: 43 Resp: 43998

Ion Ratio Lower Upper

43 100

61 18.9 20.8 31.2#

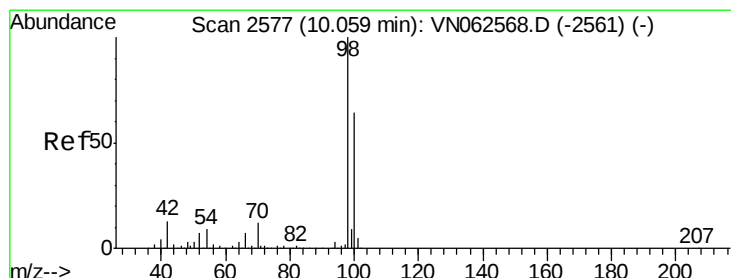
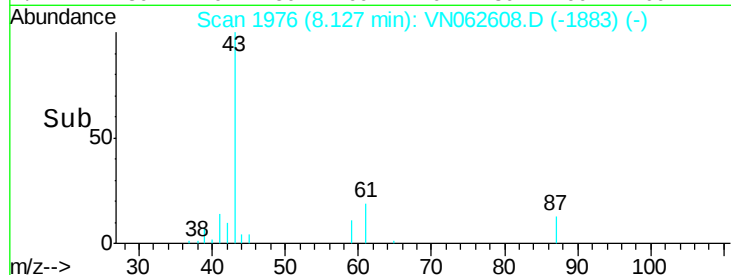
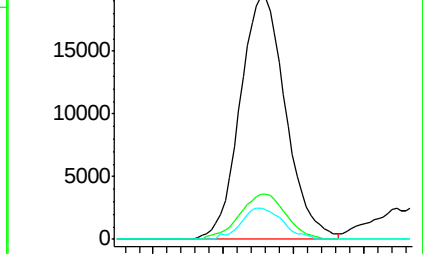
87 11.7 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN062608.D (-1954) (-)

Ion 61.00 (60.70 to 61.70): VN062608.D (-1954) (-)

Ion 87.00 (86.70 to 87.70): VN062608.D (-1954) (-)



#50

Toluene-d8

Concen: 49.883 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062608.D

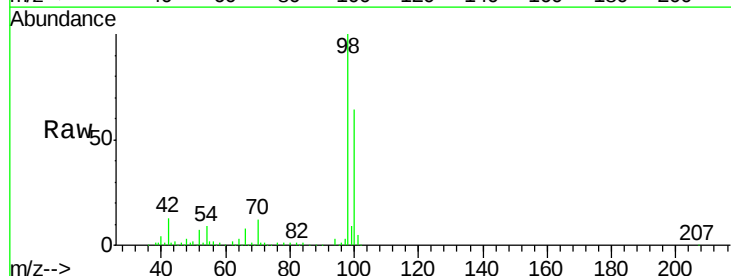
Acq: 27 Jul 2020 19:08

Tgt Ion: 98 Resp: 329933

Ion Ratio Lower Upper

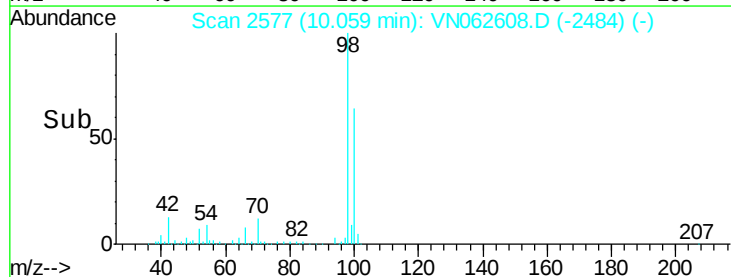
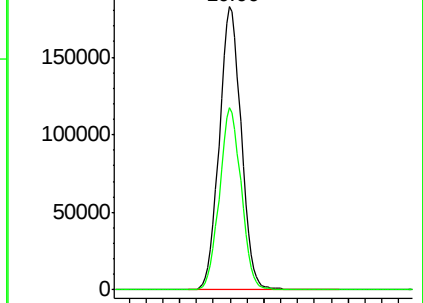
98 100

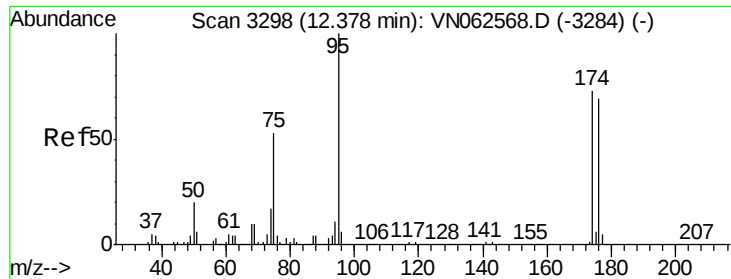
100 63.7 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062608.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN062608.D (-2561) (-)





#62

4-Bromofluorobenzene

Concen: 52.629 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062608.D

Acq: 27 Jul 2020 19:08

Instrument :

MSVOA_N

ClientSampleId :

PB130485ZHE#05

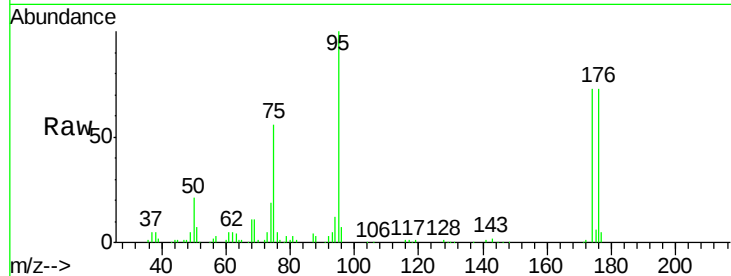
Tot Ion: 95 Resp: 127277

Ion Ratio Lower Upper

95 100

174 74.1 0.0 144.6

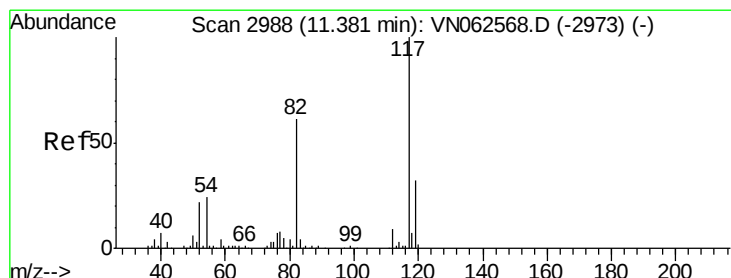
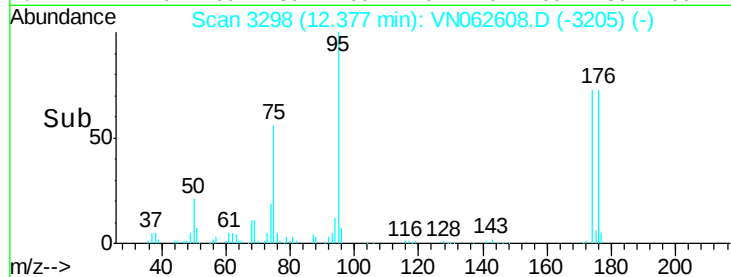
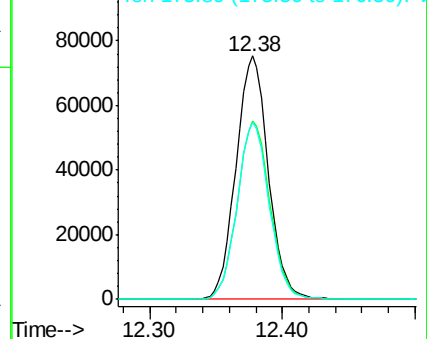
176 72.2 0.0 139.4



Abundance Ion 94.90 (94.60 to 95.60): VN062608.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN062608.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN062608.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062608.D

Acq: 27 Jul 2020 19:08

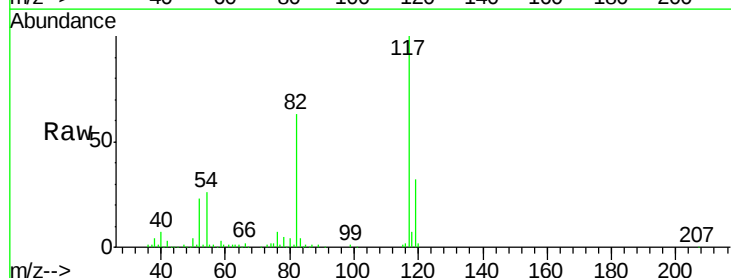
Tgt Ion: 117 Resp: 253222

Ion Ratio Lower Upper

117 100

82 63.3 49.0 73.6

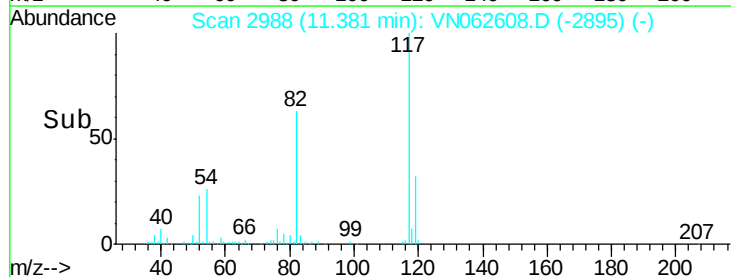
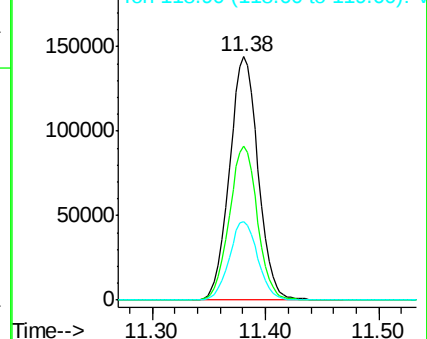
119 32.4 25.4 38.2

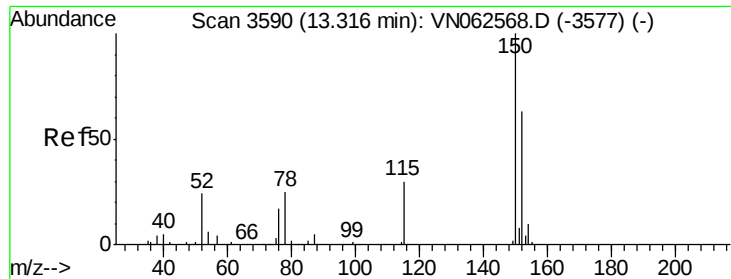


Abundance Ion 116.90 (116.60 to 117.60): VN062608.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN062608.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN062608.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: VN062608.D

Acq: 27 Jul 2020 19:08

Instrument :

MSVOA_N

ClientSampleId :

PB130485ZHE#05

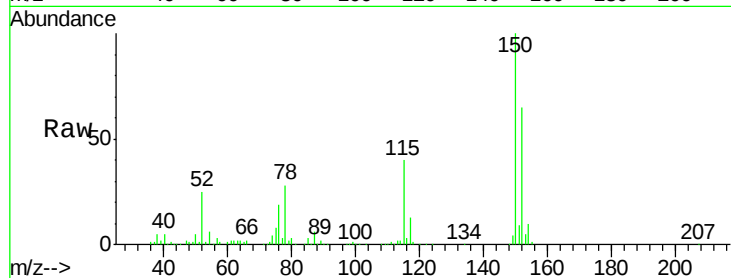
Tot Ion:152 Resp: 109972

Ion Ratio Lower Upper

152 100

115 63.9 31.8 95.4

150 156.1 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

