

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062867.D
 Acq On : 12 Aug 2020 19:25
 Operator : JC/MD
 Sample : PB130904ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130904ZHE#06

Quant Time: Aug 13 06:28:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

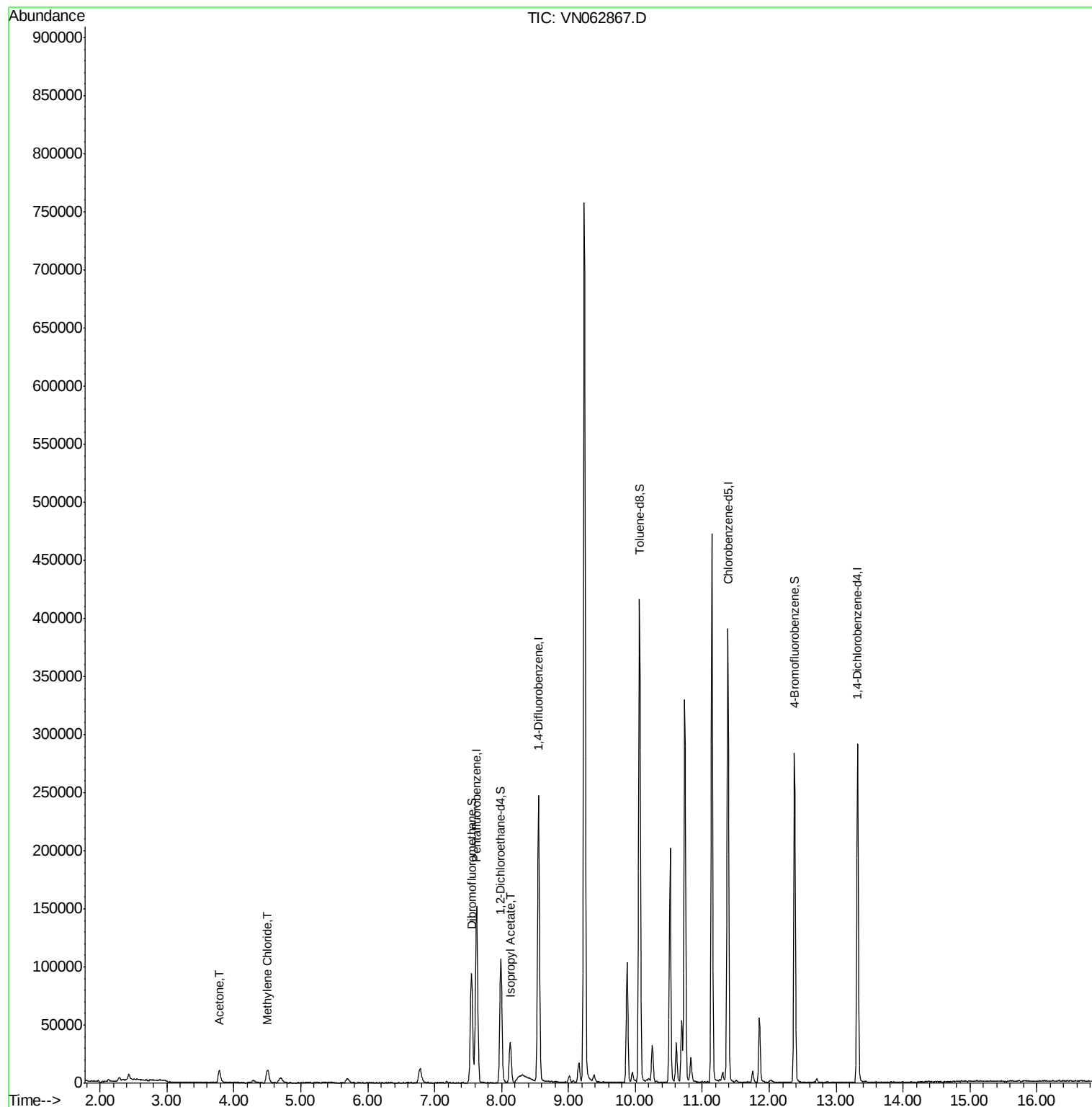
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	117687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	206586	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	215103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	77075	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	102106	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
35) Dibromofluoromethane	7.55	113	71641	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
50) Toluene-d8	10.06	98	277500	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.38	95	98347	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.34%	
Target Compounds						
16) Acetone	3.78	43	18218	25.906	ug/l	97
20) Methylene Chloride	4.50	84	8682	6.078	ug/l	88
43) Isopropyl Acetate	8.13	43	41217	11.760	ug/l	99

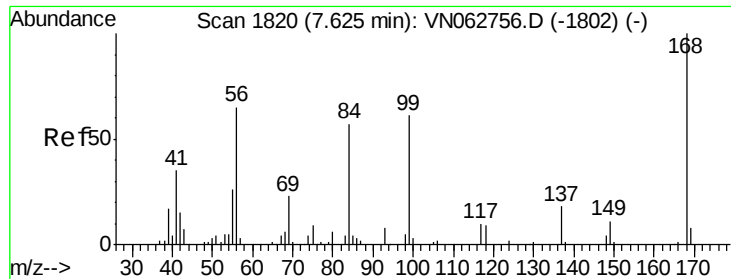
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081220\
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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 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: VN062867.D

Acq: 12 Aug 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

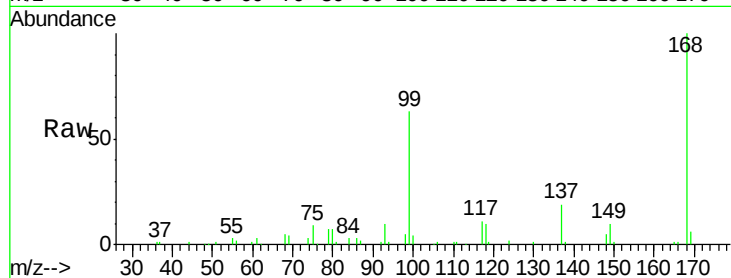
PB130904ZHE#06

Tot Ion:168 Resp: 117687

Ion Ratio Lower Upper

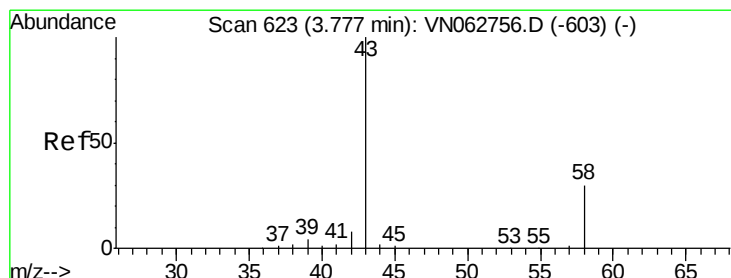
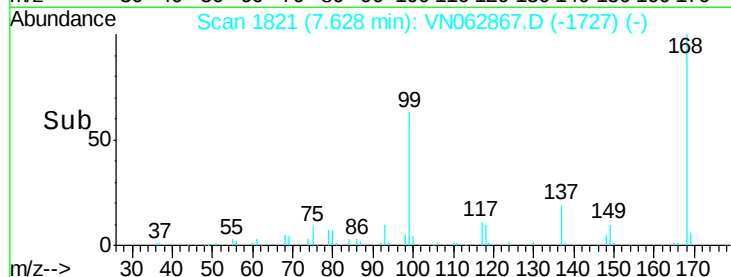
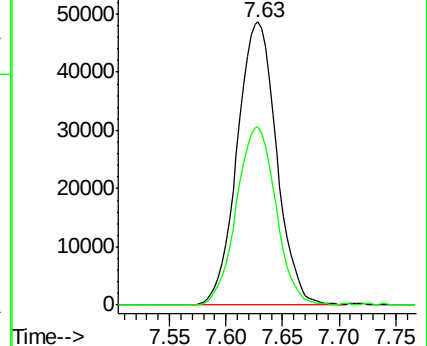
168 100

99 62.9 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 25.906 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN062867.D

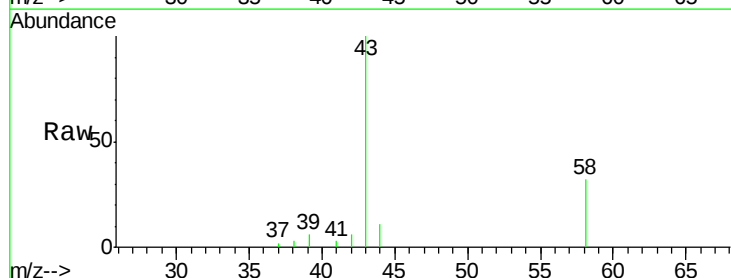
Acq: 12 Aug 2020 19:25

Tgt Ion: 43 Resp: 18218

Ion Ratio Lower Upper

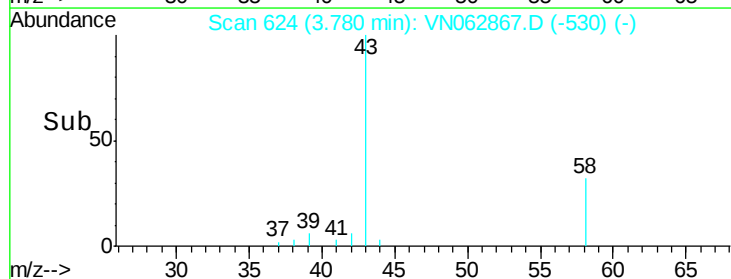
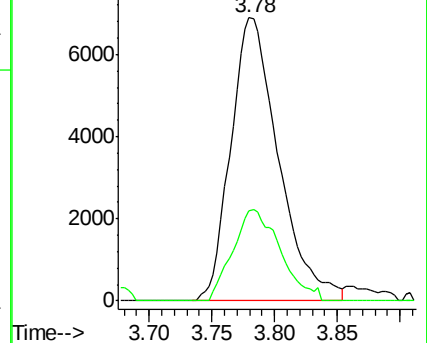
43 100

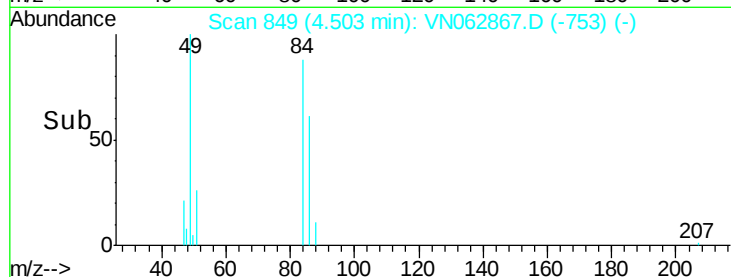
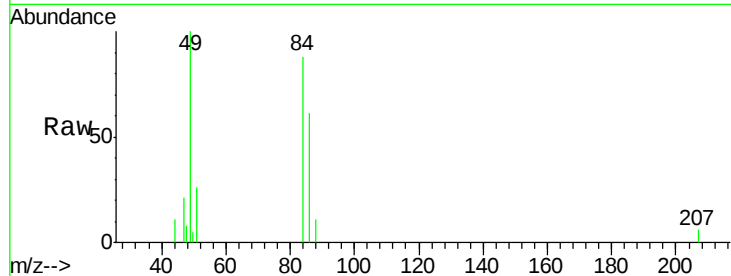
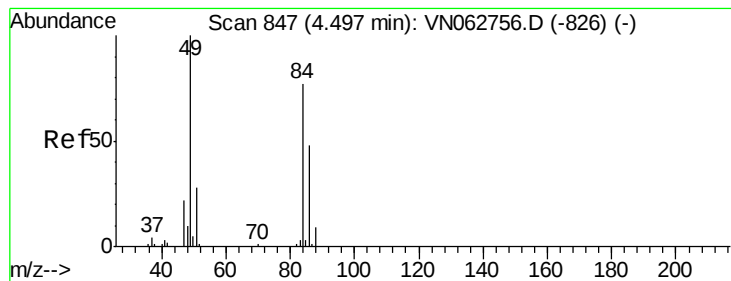
58 31.7 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 6.078 ug/l

RT: 4.50 min Scan# 849

Delta R.T. 0.01 min

Lab File: VN062867.D

Acq: 12 Aug 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

PB130904ZHE#06

Tot Ion: 84 Resp: 8682

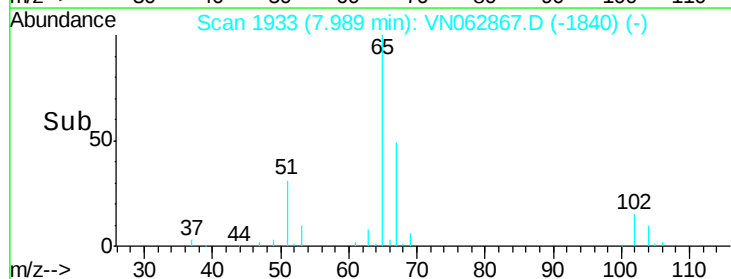
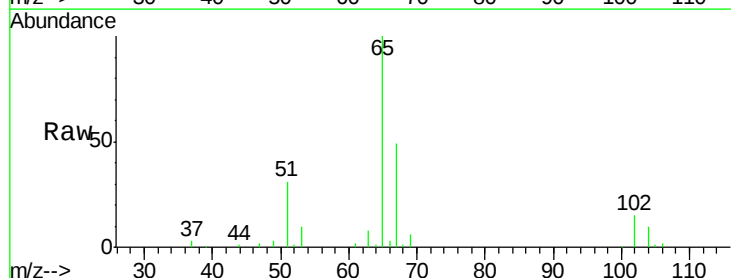
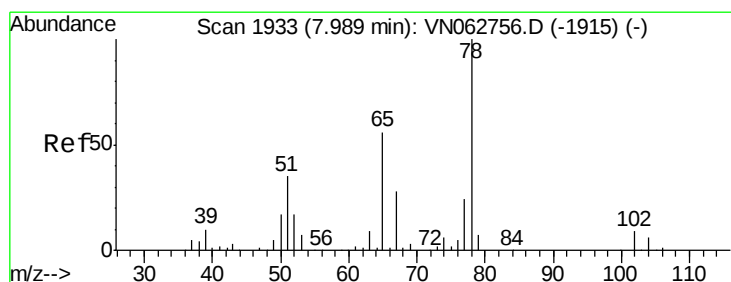
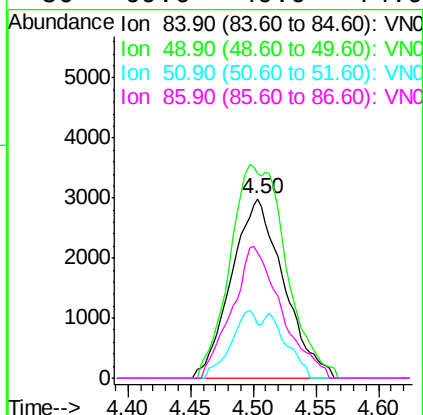
Ion Ratio Lower Upper

84 100

49 113.9 103.4 155.2

51 30.0 29.3 43.9

86 69.6 49.9 74.9



#33

1,2-Dichloroethane-d4

Concen: 52.465 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062867.D

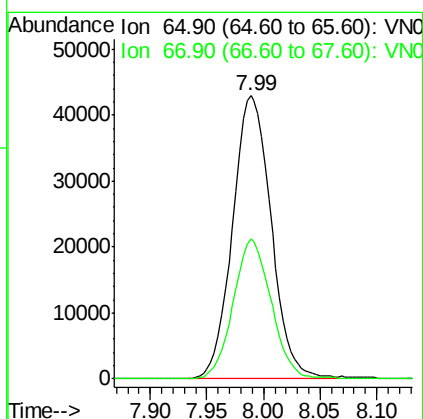
Acq: 12 Aug 2020 19:25

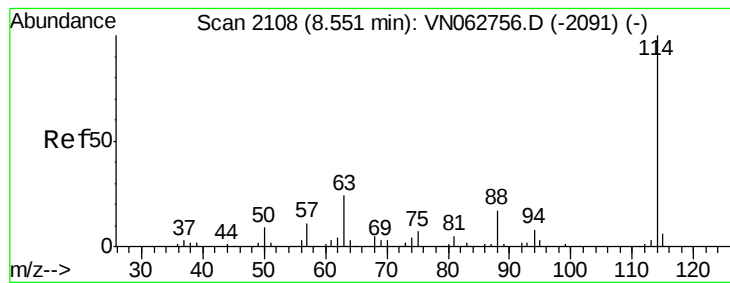
Tgt Ion: 65 Resp: 102106

Ion Ratio Lower Upper

65 100

67 48.6 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062867.D

Acq: 12 Aug 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

PB130904ZHE#06

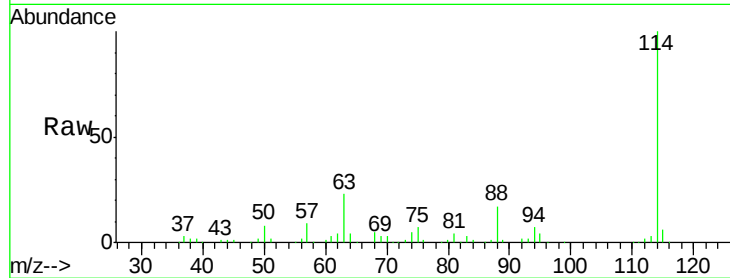
Tot Ion:114 Resp: 206586

Ion Ratio Lower Upper

114 100

63 23.2 0.0 47.6

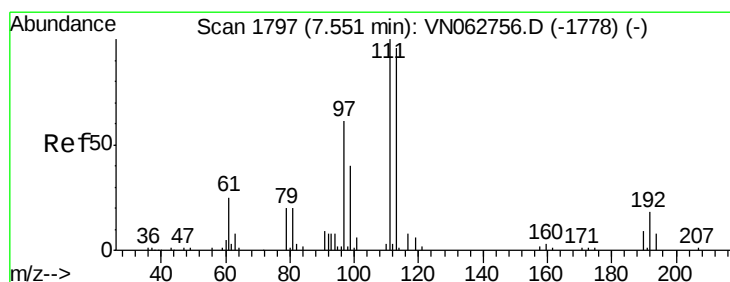
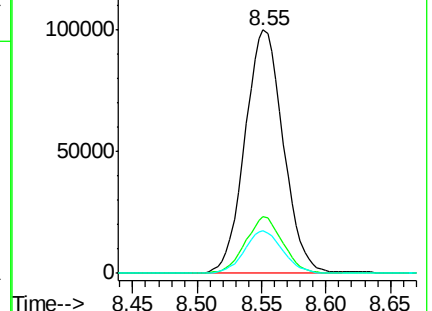
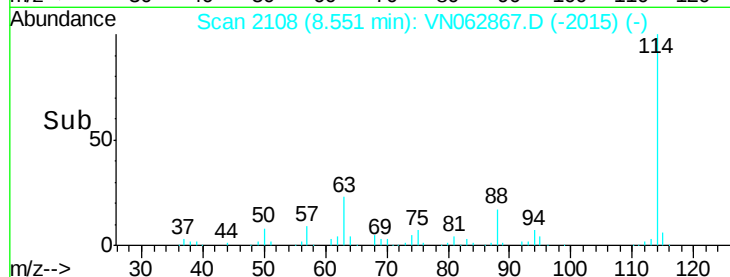
88 17.3 0.0 34.4



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: 50.695 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VN062867.D

Acq: 12 Aug 2020 19:25

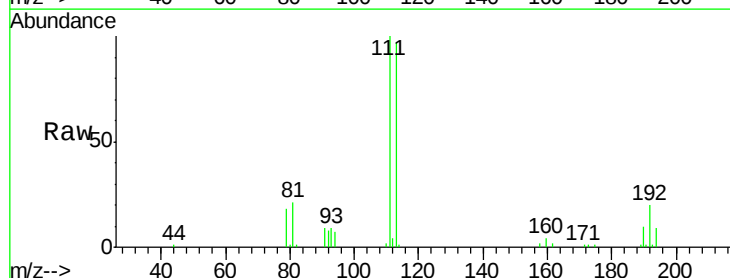
Tgt Ion:113 Resp: 71641

Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.6

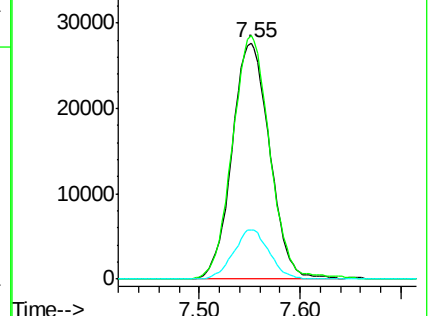
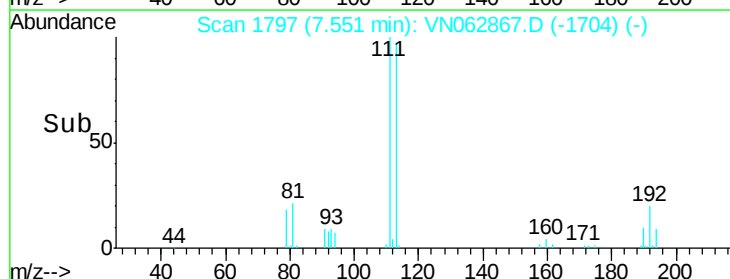
192 19.6 15.0 22.4

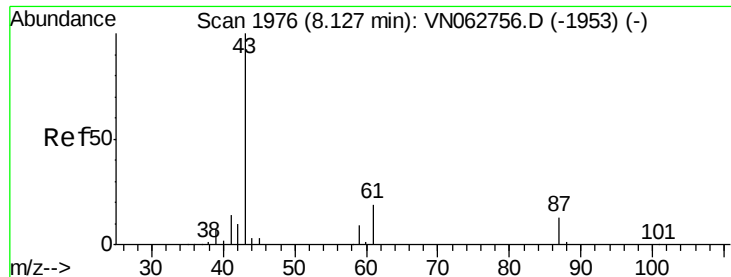


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 11.760 ug/l

RT: 8.13 min Scan# 1977

Delta R.T. 0.00 min

Lab File: VN062867.D

Acq: 12 Aug 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

PB130904ZHE#06

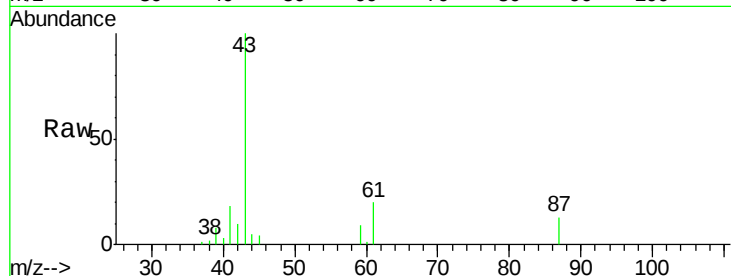
Tot Ion: 43 Resp: 41217

Ion Ratio Lower Upper

43 100

61 20.1 15.8 23.6

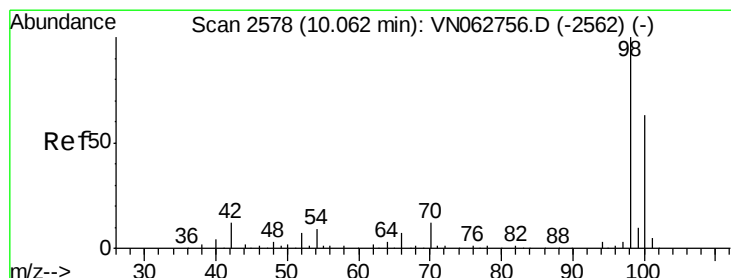
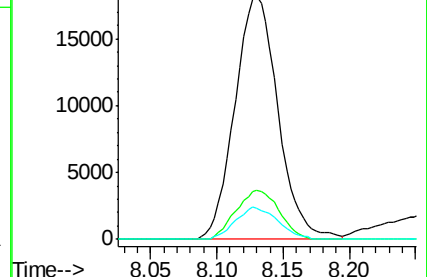
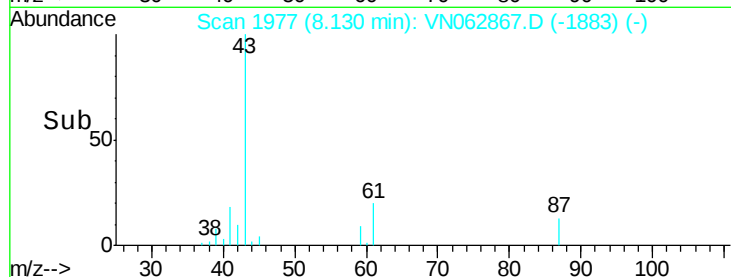
87 13.0 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VN062867.D (-1883) (-)

Ion 61.00 (60.70 to 61.70): VN062867.D (-1883) (-)

Ion 87.00 (86.70 to 87.70): VN062867.D (-1883) (-)



#50

Toluene-d8

Concen: 50.298 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. -0.00 min

Lab File: VN062867.D

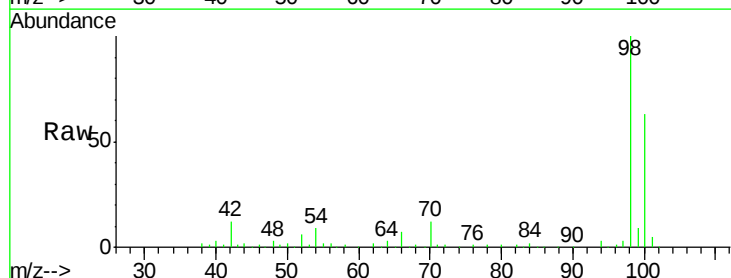
Acq: 12 Aug 2020 19:25

Tgt Ion: 98 Resp: 277500

Ion Ratio Lower Upper

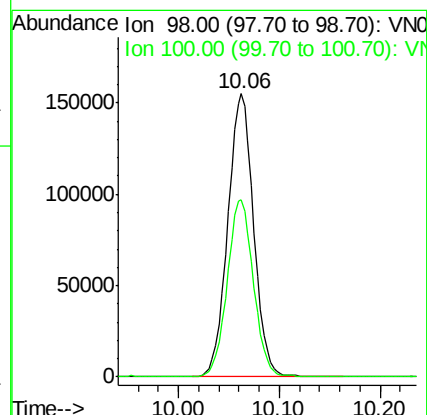
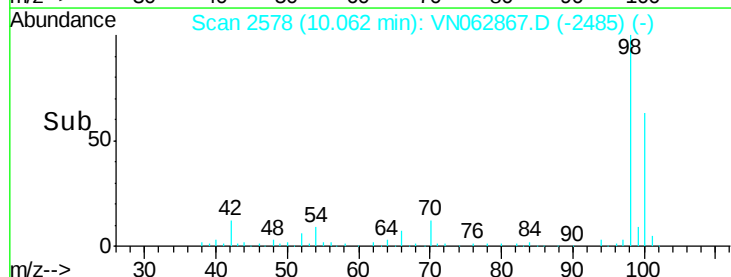
98 100

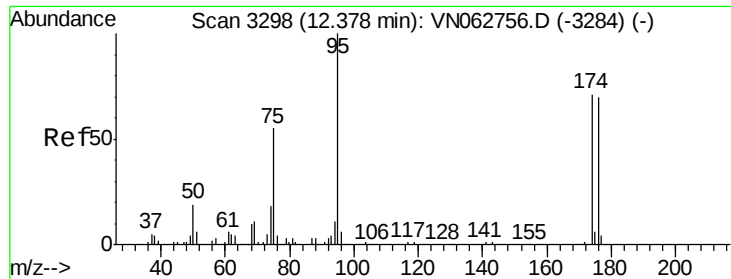
100 63.4 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062867.D (-2485) (-)

Ion 100.00 (99.70 to 100.70): VN062867.D (-2485) (-)





#62

4-Bromofluorobenzene

Concen: 47.171 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062867.D

Acq: 12 Aug 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

PB130904ZHE#06

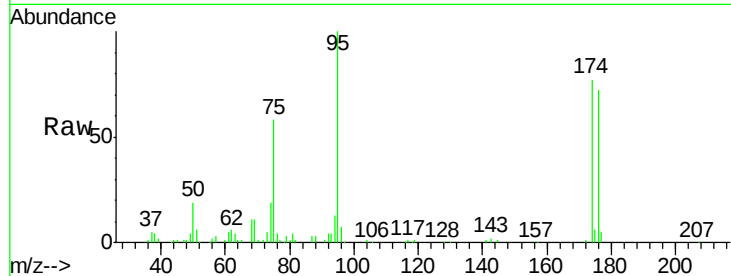
Tot Ion: 95 Resp: 98347

Ion Ratio Lower Upper

95 100

174 77.2 0.0 144.8

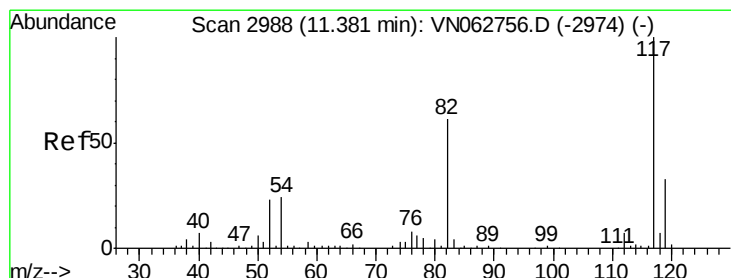
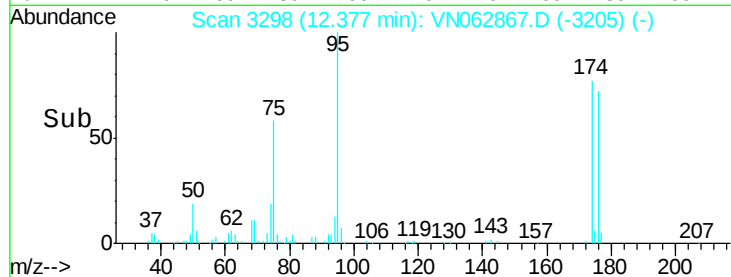
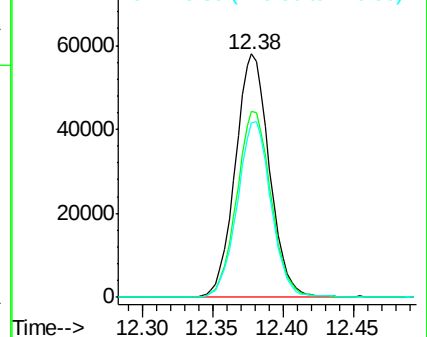
176 71.3 0.0 142.2



Abundance Ion 94.90 (94.60 to 95.60): VN062867.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN062867.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN062867.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062867.D

Acq: 12 Aug 2020 19:25

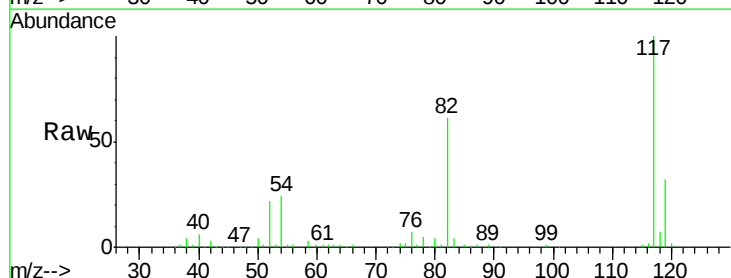
Tgt Ion: 117 Resp: 215103

Ion Ratio Lower Upper

117 100

82 61.1 49.0 73.4

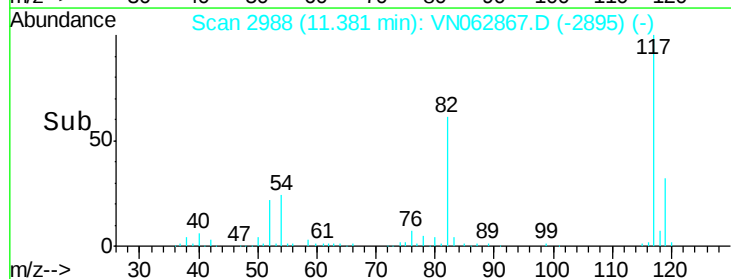
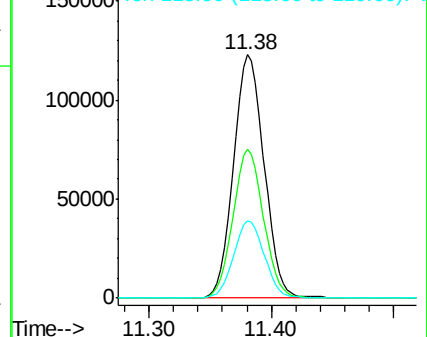
119 32.0 26.2 39.2

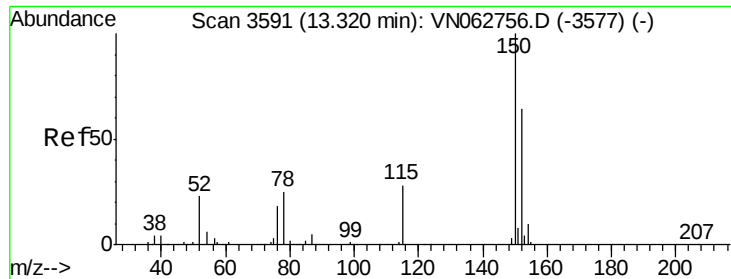


Abundance Ion 116.90 (116.60 to 117.60): VN062867.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN062867.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN062867.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: VN062867.D

Acq: 12 Aug 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

PB130904ZHE#06

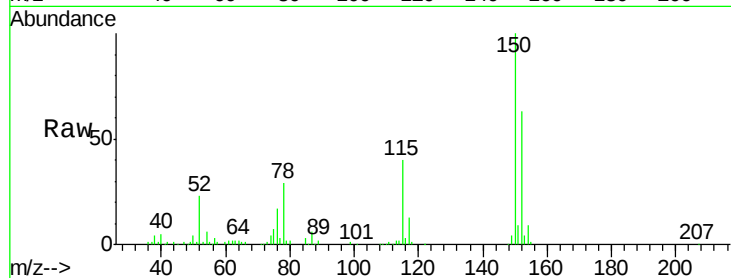
Tot Ion:152 Resp: 77075

Ion Ratio Lower Upper

152 100

115 64.0 31.6 94.8

150 160.1 0.0 349.2



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

