

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081120\
 Data File : VN062839.D
 Acq On : 11 Aug 2020 19:09
 Operator : JC/MD
 Sample : PB130874ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130874ZHE#01

Quant Time: Aug 11 21:43:41 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

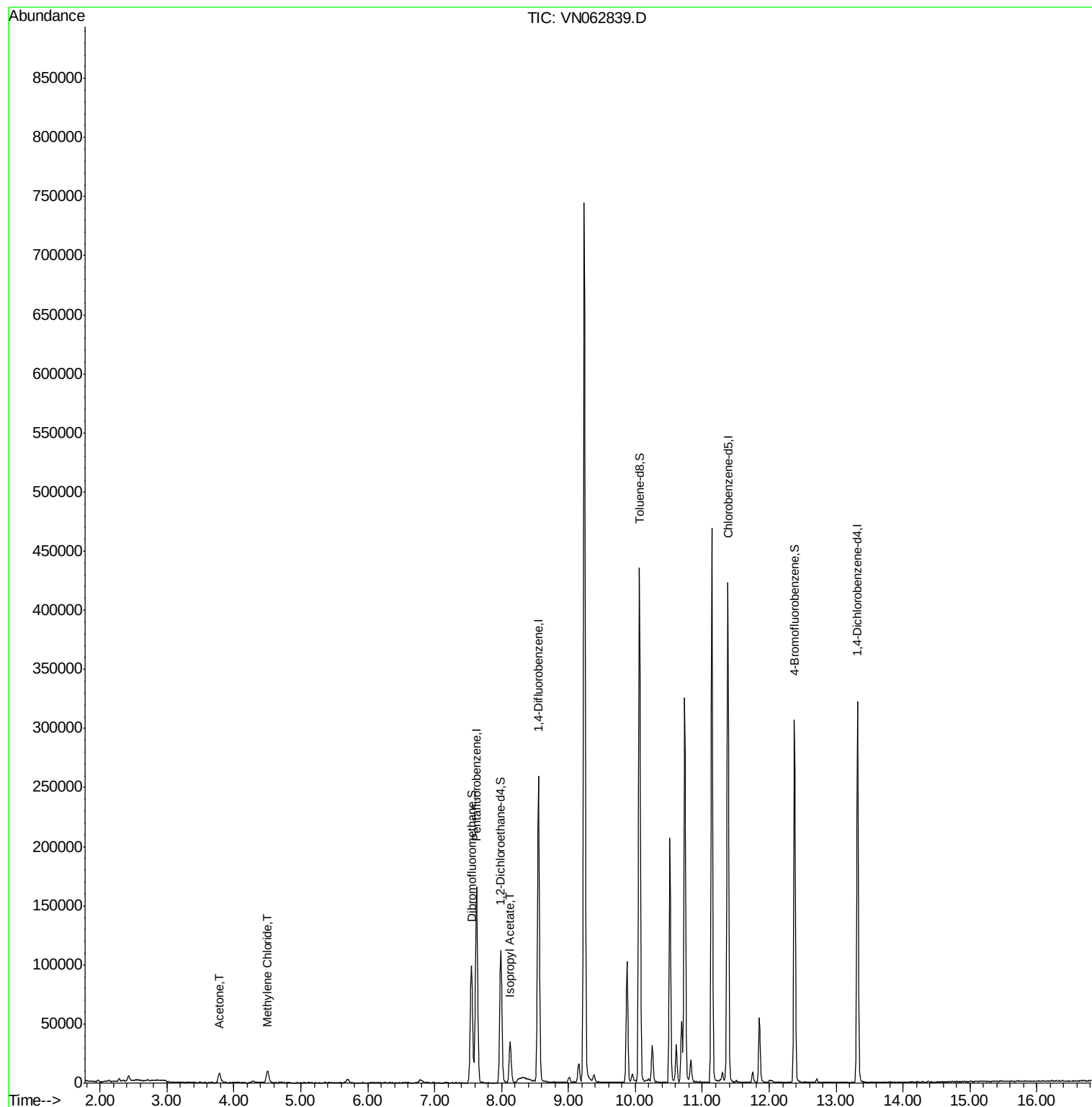
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	125588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	220822	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	234937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	84546	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	107947	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
35) Dibromofluoromethane	7.55	113	75480	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
50) Toluene-d8	10.06	98	294849	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
62) 4-Bromofluorobenzene	12.38	95	107181	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
Target Compounds						
16) Acetone	3.78	43	13431	17.898	ug/l	91
20) Methylene Chloride	4.51	84	7897	5.067	ug/l	92
43) Isopropyl Acetate	8.13	43	39562	10.560	ug/l	99

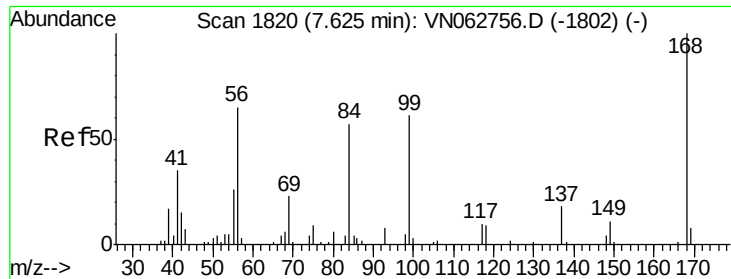
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN062839.D

Acq: 11 Aug 2020 19:09

Instrument :

MSVOA_N

ClientSampleId :

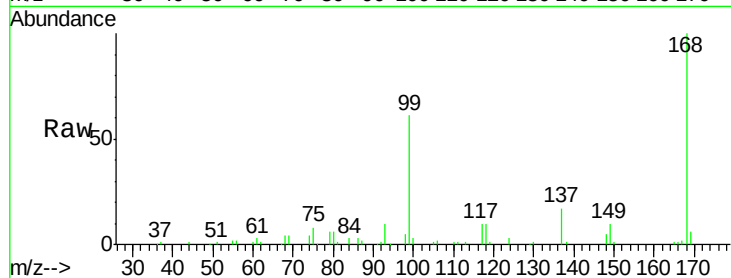
PB130874ZHE#01

Tot Ion:168 Resp: 125588

Ion Ratio Lower Upper

168 100

99 60.7 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

60000

50000

40000

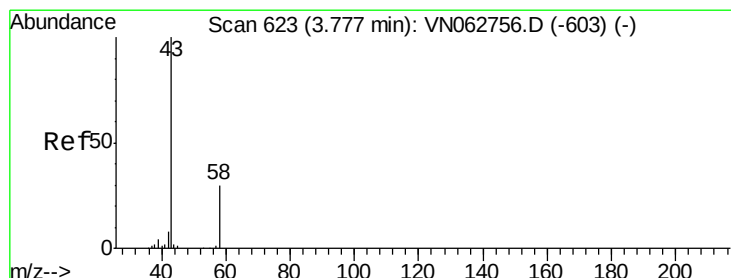
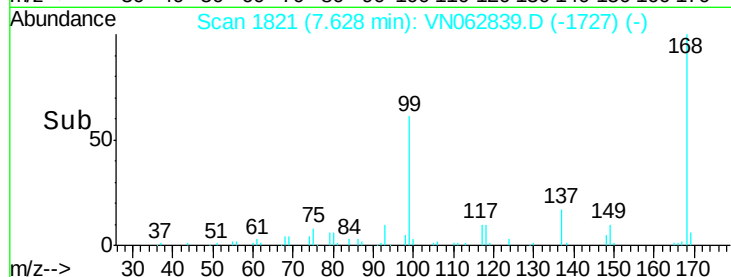
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 17.898 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062839.D

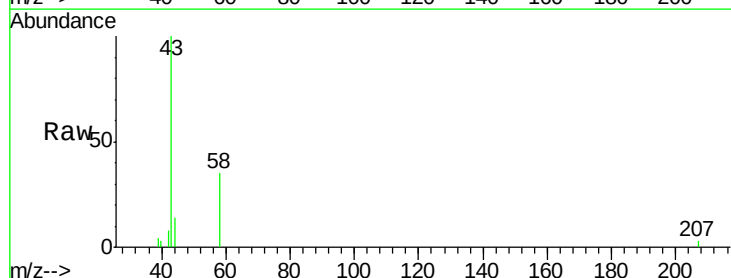
Acq: 11 Aug 2020 19:09

Tgt Ion: 43 Resp: 13431

Ion Ratio Lower Upper

43 100

58 35.1 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

5000

4000

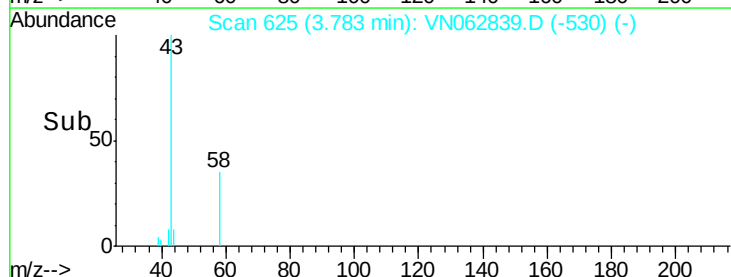
3000

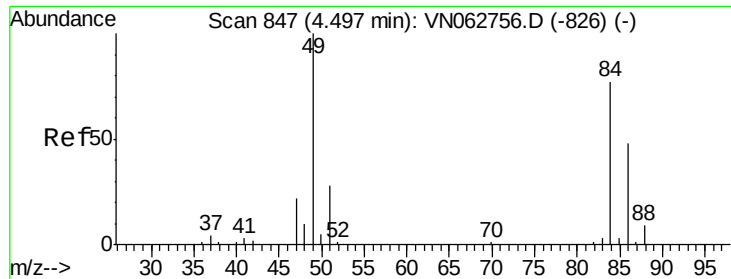
2000

1000

0

Time-->

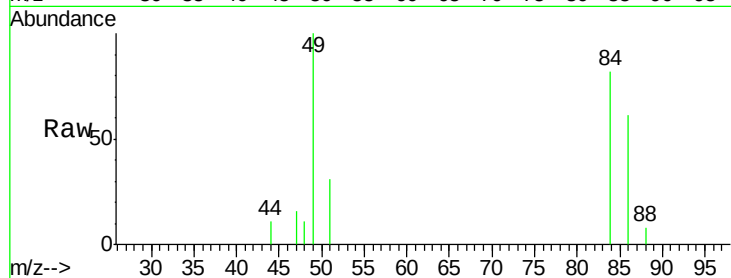




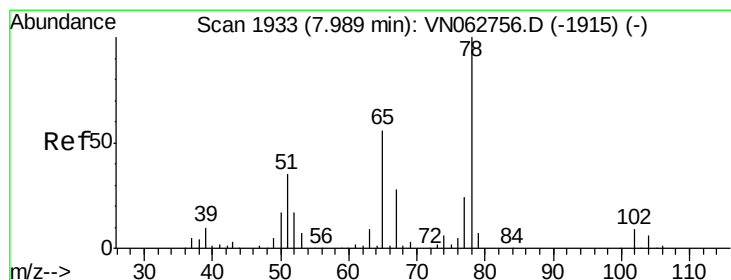
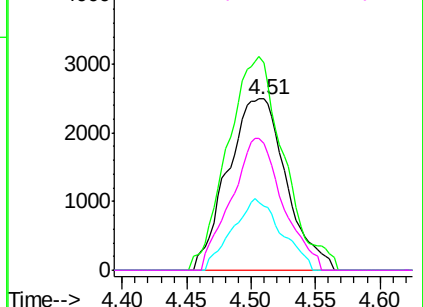
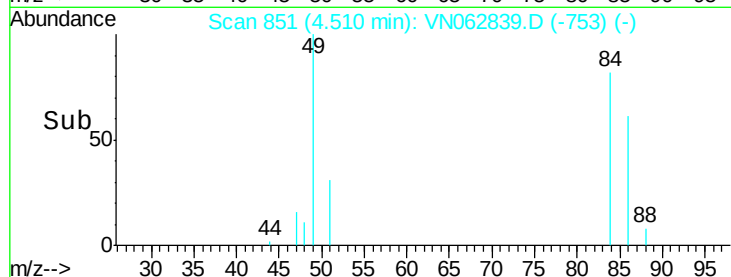
#20
Methylene Chloride
Concen: 5.067 ug/l
RT: 4.51 min Scan# 851
Delta R.T. 0.01 min
Lab File: VN062839.D
Acq: 11 Aug 2020 19:09

Instrument :
MSVOA_N
ClientSampleId :
PB130874ZHE#01

Tot Ion: 84 Resp: 7897
Ion Ratio Lower Upper
84 100
49 121.2 103.4 155.2
51 37.6 29.3 43.9
86 74.1 49.9 74.9

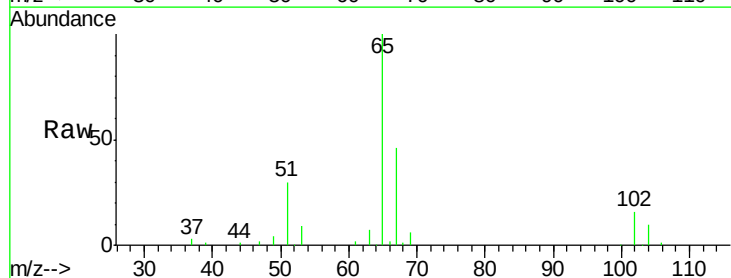


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

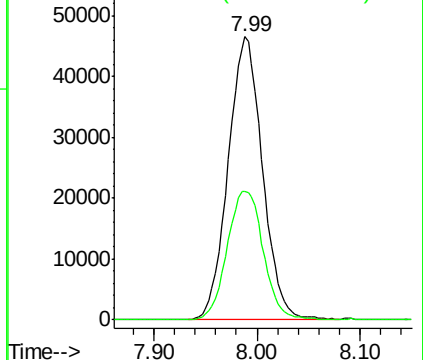
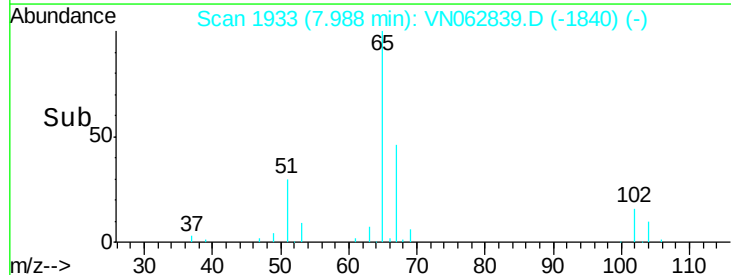


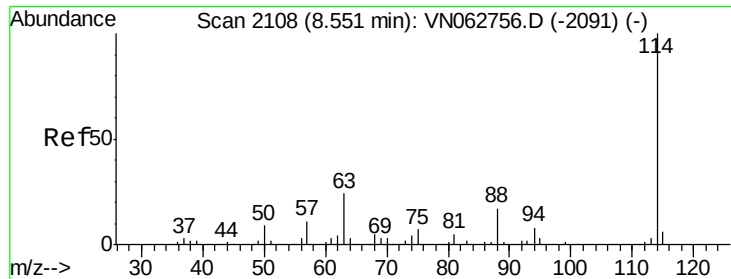
#33
1,2-Dichloroethane-d4
Concen: 51.977 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN062839.D
Acq: 11 Aug 2020 19:09

Tgt Ion: 65 Resp: 107947
Ion Ratio Lower Upper
65 100
67 47.7 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

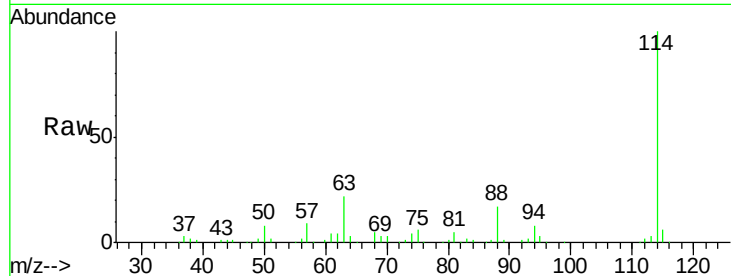




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062839.D
 Acq: 11 Aug 2020 19:09

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130874ZHE#01

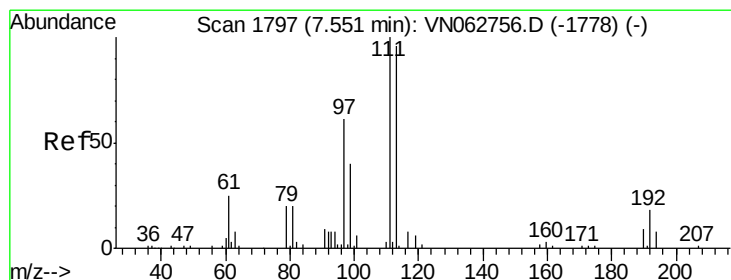
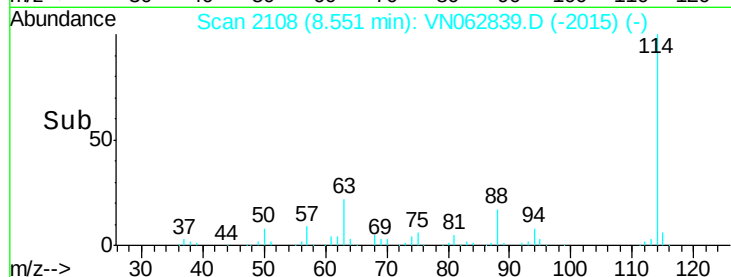
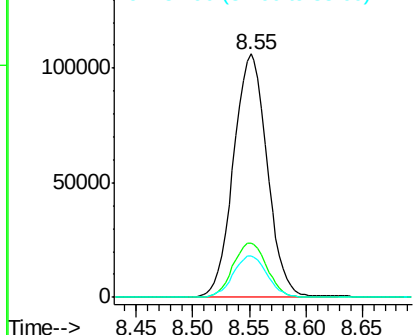
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	47.6
88	17.2	0.0	34.4



Abundance Ion 113.90 (113.60 to 114.60): V

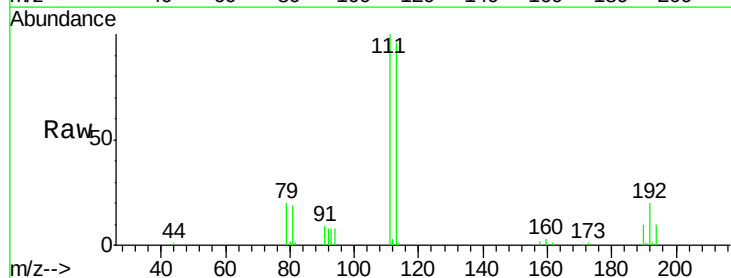
Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35
 Dibromofluoromethane
 Concen: 49.969 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: VN062839.D
 Acq: 11 Aug 2020 19:09

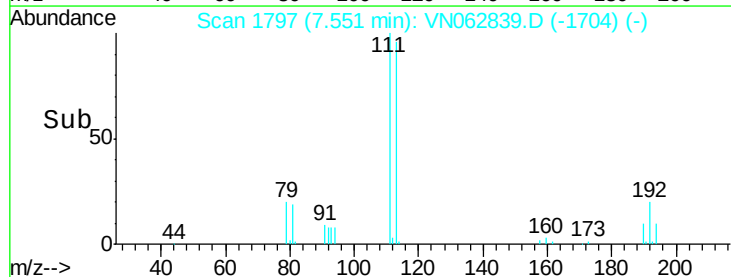
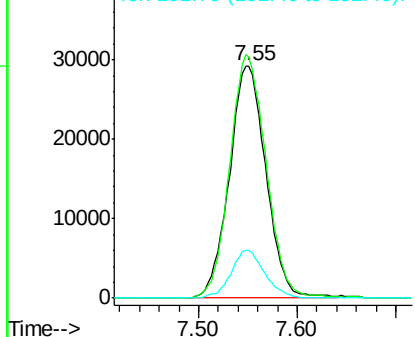
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.8	122.6
192	18.9	15.0	22.4

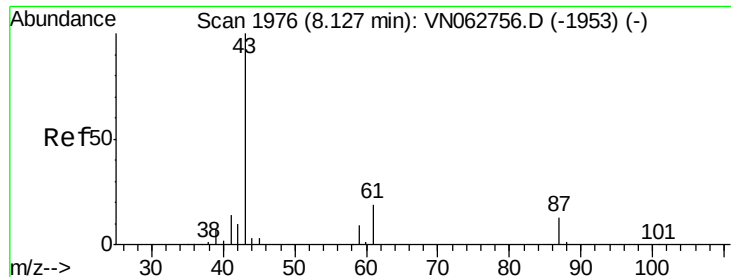


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.560 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062839.D

Acq: 11 Aug 2020 19:09

Instrument :

MSVOA_N

ClientSampleId :

PB130874ZHE#01

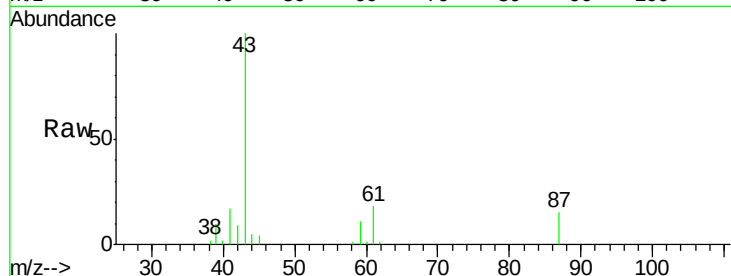
Tot Ion: 43 Resp: 39562

Ion Ratio Lower Upper

43 100

61 19.4 15.8 23.6

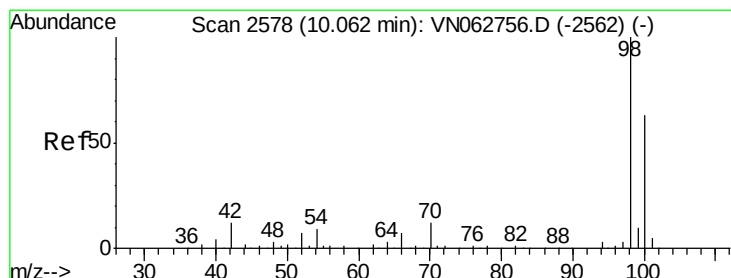
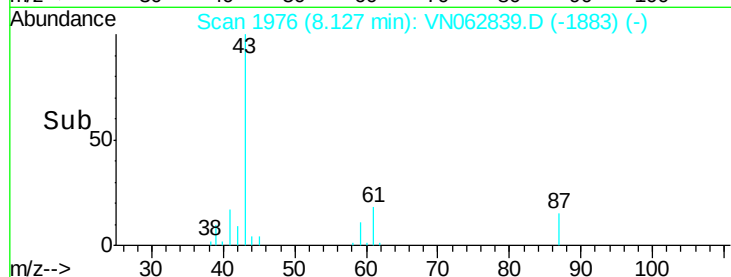
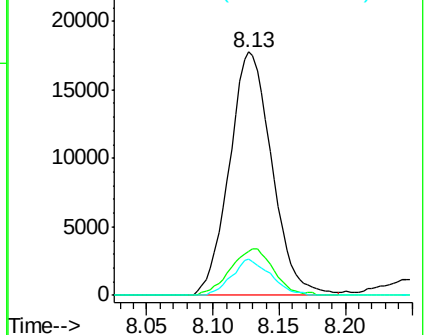
87 13.5 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 49.997 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062839.D

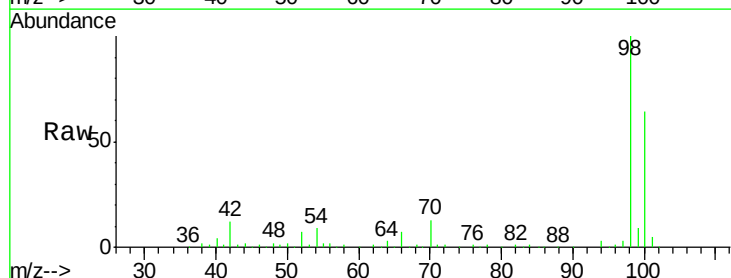
Acq: 11 Aug 2020 19:09

Tgt Ion: 98 Resp: 294849

Ion Ratio Lower Upper

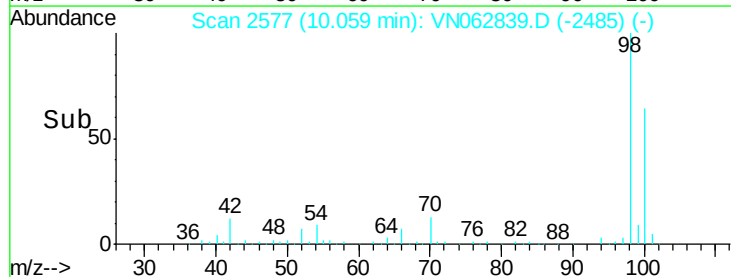
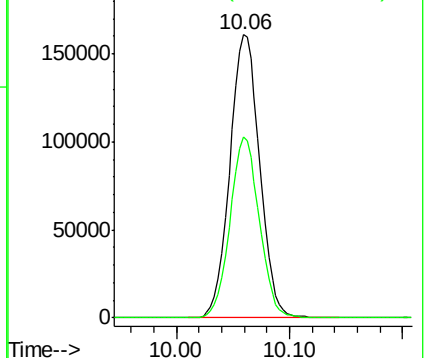
98 100

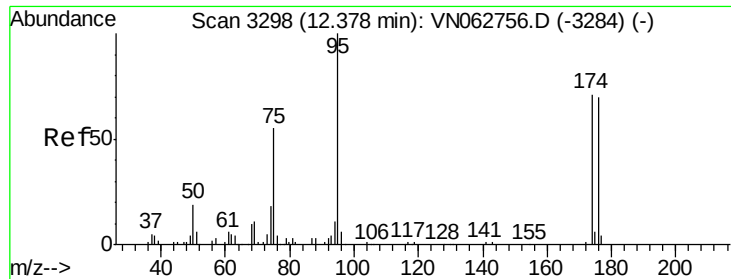
100 62.7 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 48.094 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062839.D

Acq: 11 Aug 2020 19:09

Instrument :

MSVOA_N

ClientSampleId :

PB130874ZHE#01

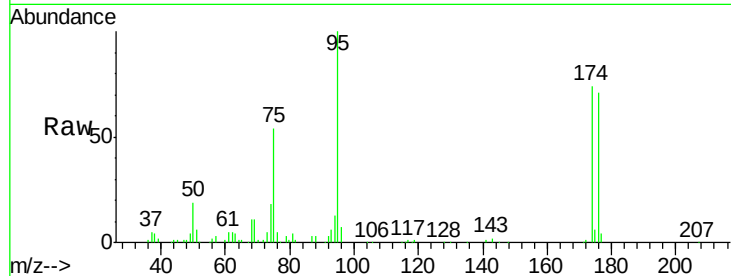
Tot Ion: 95 Resp: 107181

Ion Ratio Lower Upper

95 100

174 75.1 0.0 144.8

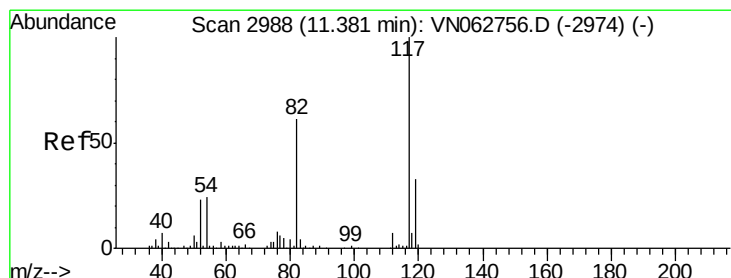
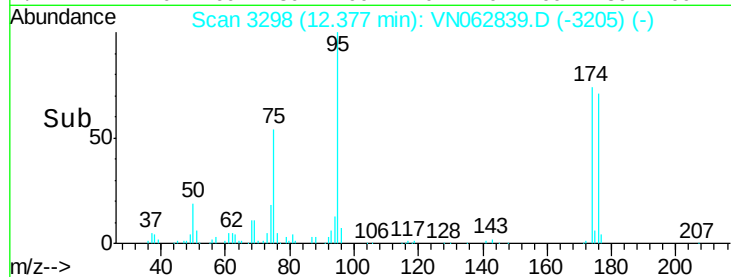
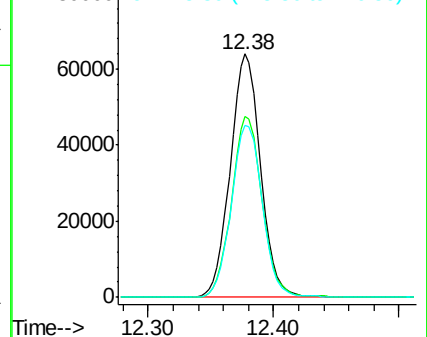
176 72.4 0.0 142.2



Abundance Ion 94.90 (94.60 to 95.60): VN062756.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN062756.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN062756.D (-3284) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062839.D

Acq: 11 Aug 2020 19:09

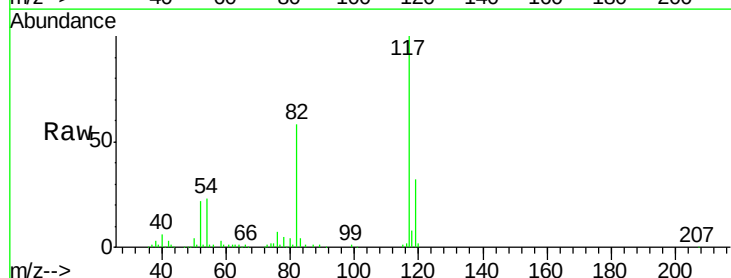
Tgt Ion: 117 Resp: 234937

Ion Ratio Lower Upper

117 100

82 58.0 49.0 73.4

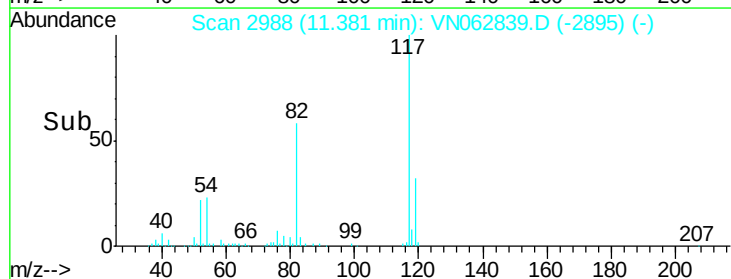
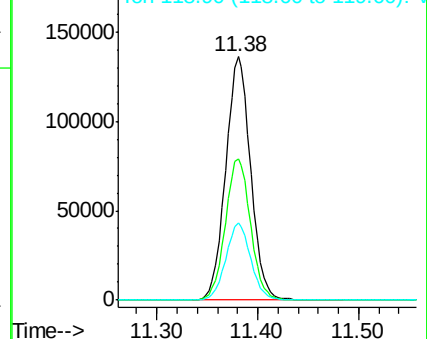
119 31.7 26.2 39.2

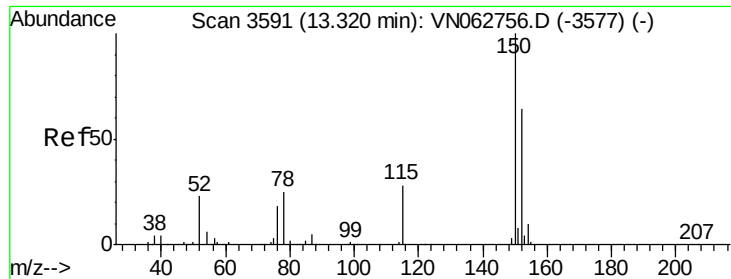


Abundance Ion 116.90 (116.60 to 117.60): VN062756.D (-2974) (-)

Ion 82.00 (81.70 to 82.70): VN062756.D (-2974) (-)

Ion 118.90 (118.60 to 119.60): VN062756.D (-2974) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062839.D

Acq: 11 Aug 2020 19:09

Instrument :

MSVOA_N

ClientSampleId :

PB130874ZHE#01

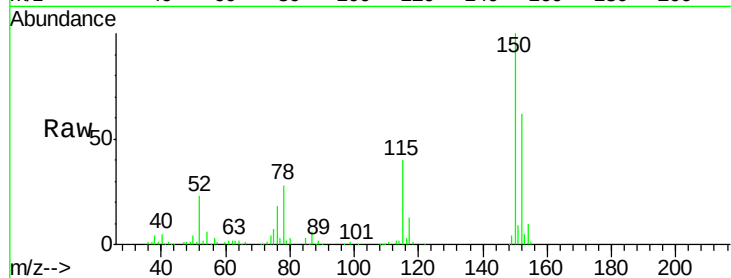
Tot Ion:152 Resp: 84546

Ion Ratio Lower Upper

152 100

115 63.8 31.6 94.8

150 161.1 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

