

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081420\
 Data File : VN062954.D
 Acq On : 14 Aug 2020 23:46
 Operator : JC/MD
 Sample : L3691-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-01-081320

Quant Time: Aug 17 10:14:41 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

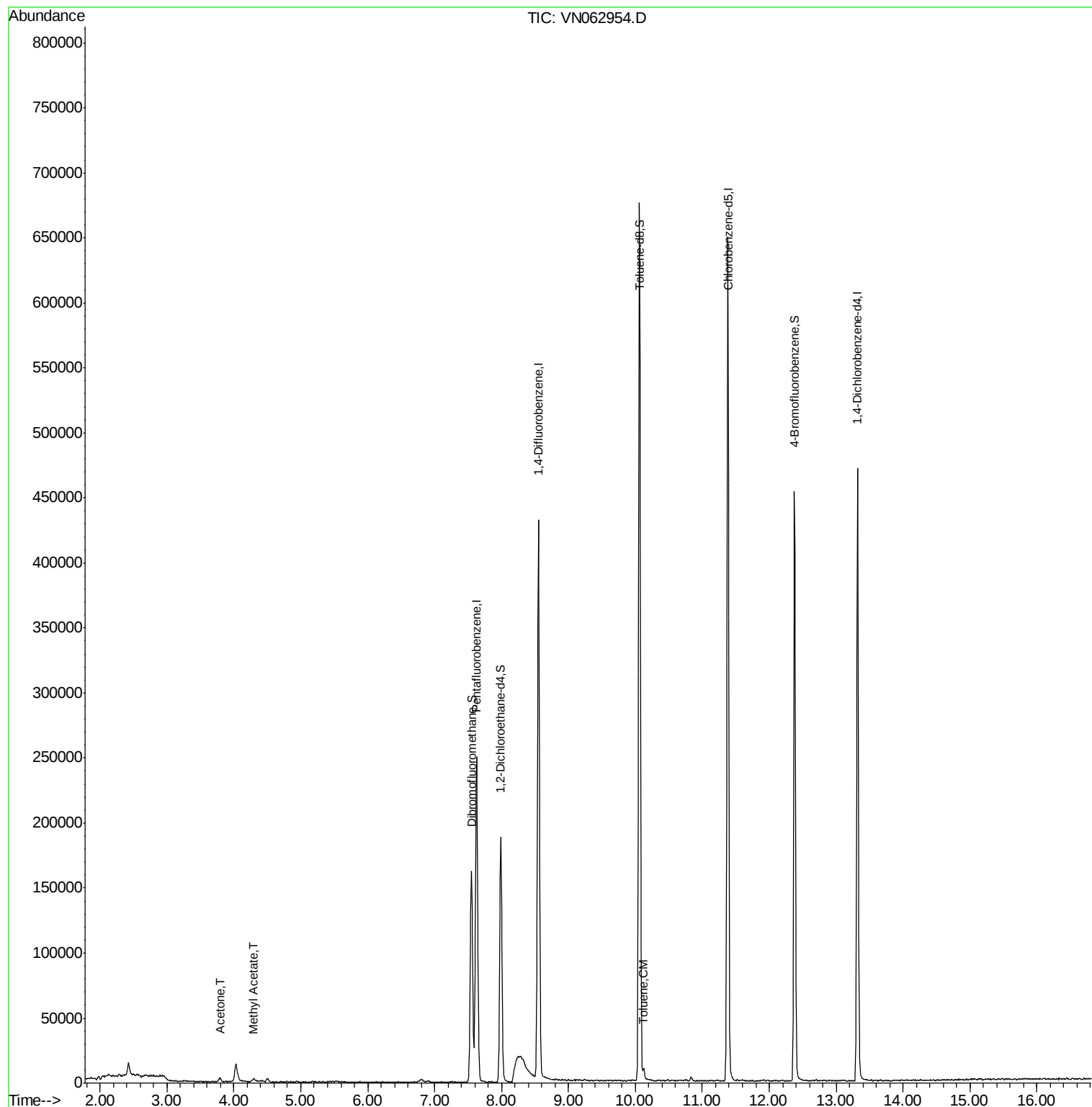
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	195734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	371074	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	363433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	126828	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	162744	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
35) Dibromofluoromethane	7.55	113	126518	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
50) Toluene-d8	10.06	98	461289	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.10%	
62) 4-Bromofluorobenzene	12.38	95	160930	42.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.94%	
Target Compounds						
16) Acetone	3.79	43	5000	4.275	ug/l #	88
18) Methyl Acetate	4.30	43	4620	0.553	ug/l #	76
52) Toluene	10.12	92	2439	0.366	ug/l	77

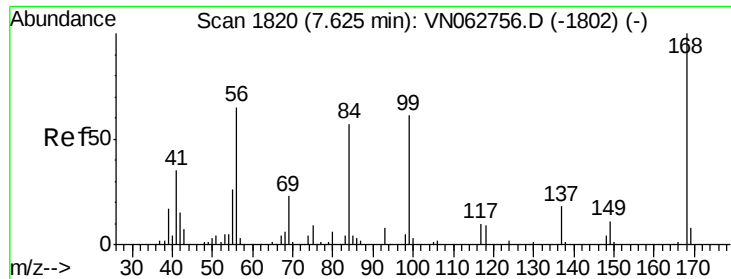
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1820

Delta R.T. -0.00 min

Lab File: VN062954.D

Acq: 14 Aug 2020 23:46

Instrument :

MSVOA_N

ClientSampleId :

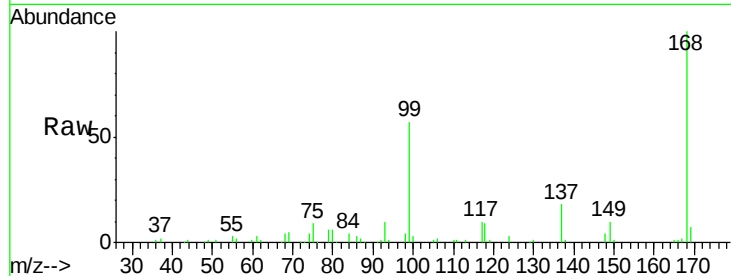
FB-01-081320

Tot Ion:168 Resp: 195734

Ion Ratio Lower Upper

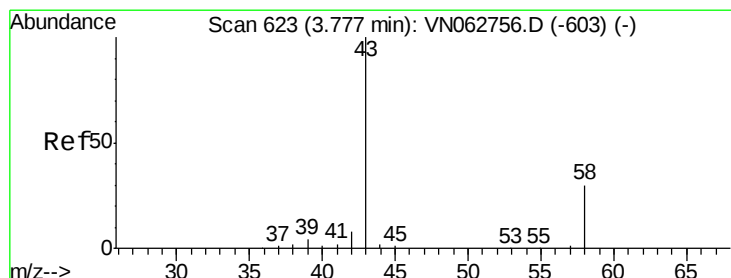
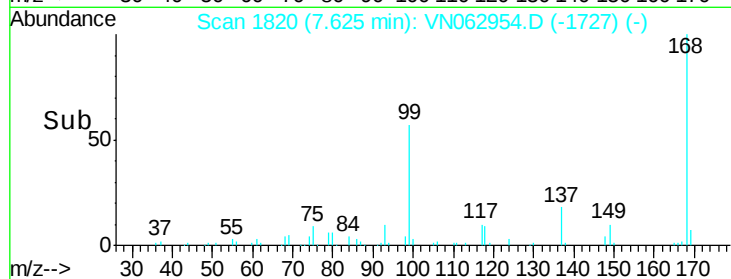
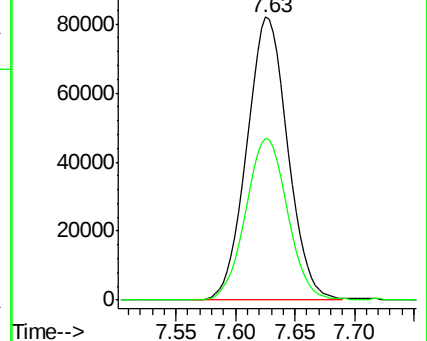
168 100

99 57.1 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 4.275 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN062954.D

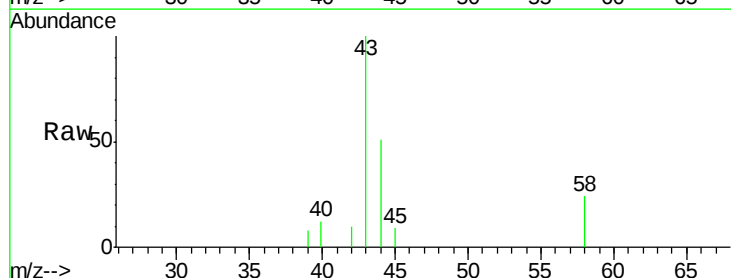
Acq: 14 Aug 2020 23:46

Tgt Ion: 43 Resp: 5000

Ion Ratio Lower Upper

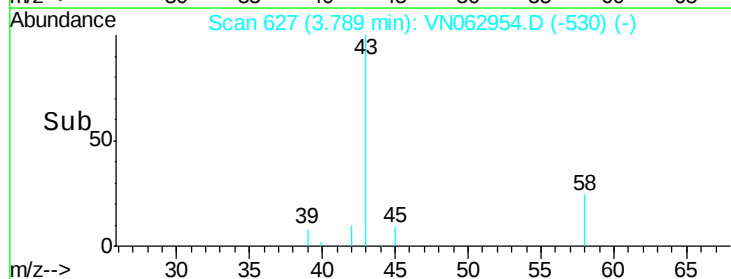
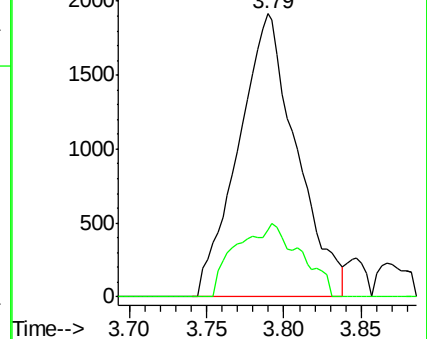
43 100

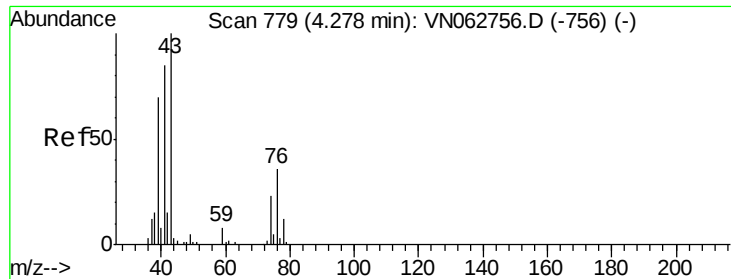
58 23.8 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

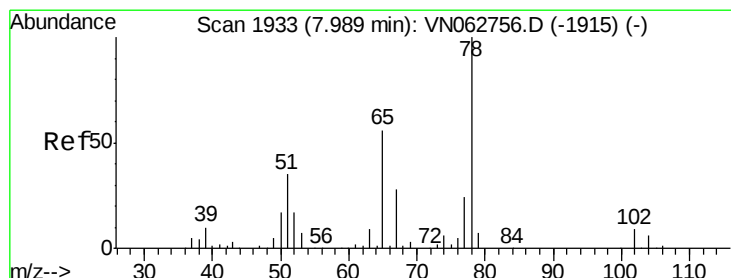
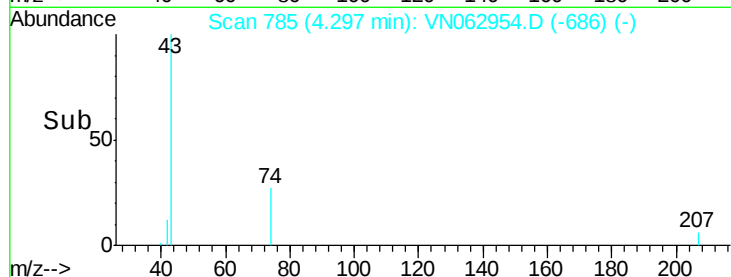
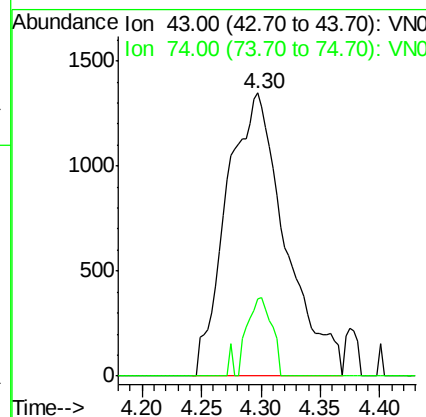
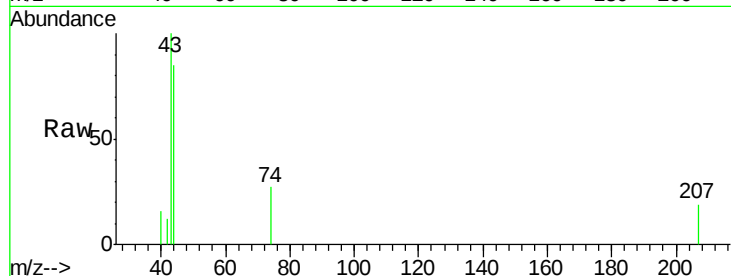




#18
Methyl Acetate
Concen: 0.553 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.02 min
Lab File: VN062954.D
Acq: 14 Aug 2020 23:46

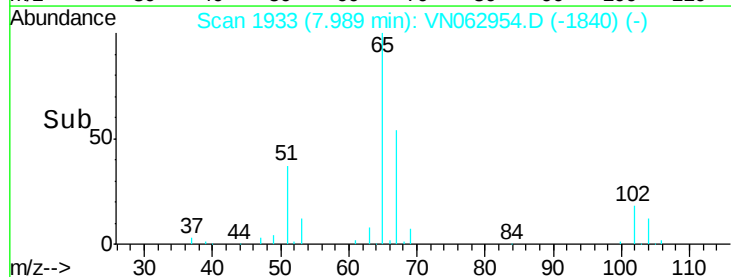
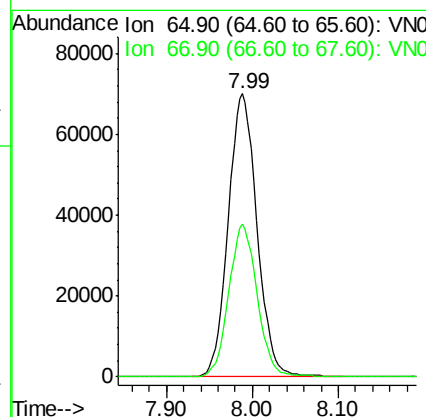
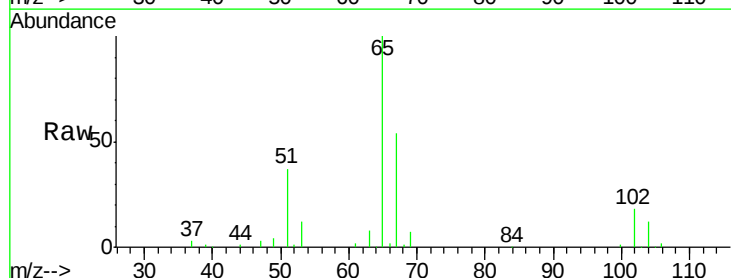
Instrument :
MSVOA_N
ClientSampled :
FB-01-081320

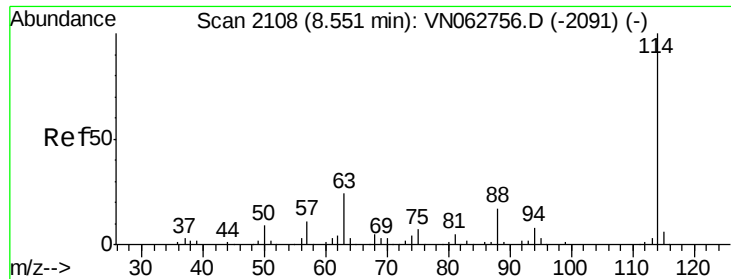
Tot Ion: 43 Resp: 4620
Ion Ratio Lower Upper
43 100
74 11.5 18.6 28.0#



#33
1,2-Dichloroethane-d4
Concen: 50.279 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN062954.D
Acq: 14 Aug 2020 23:46

Tgt Ion: 65 Resp: 162744
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.4

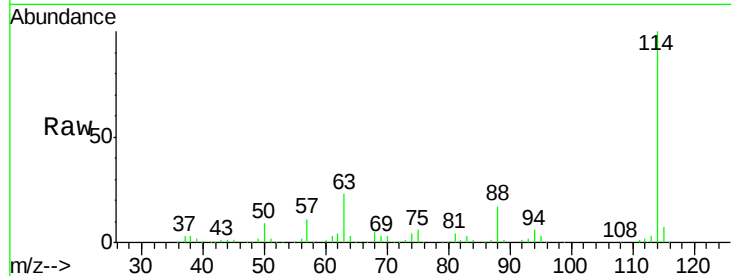




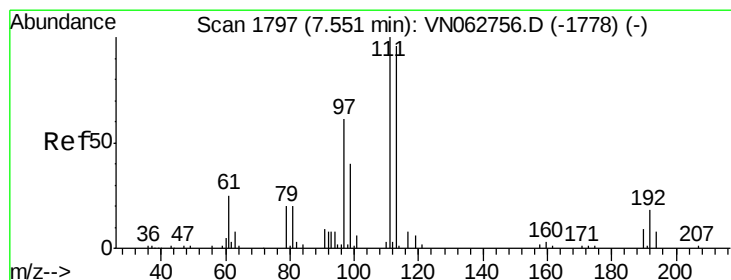
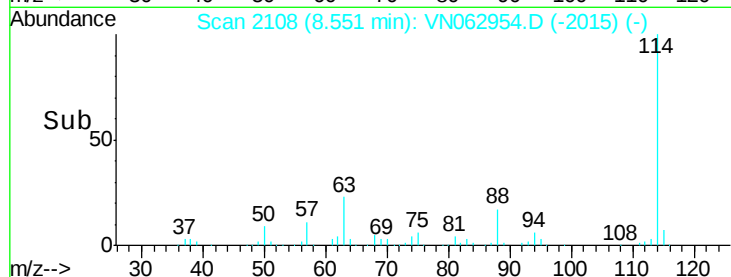
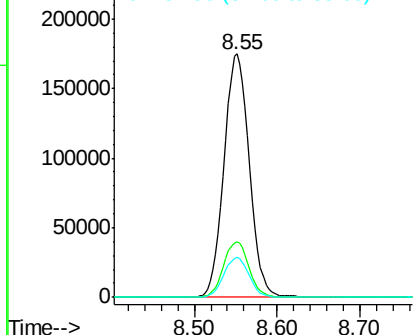
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062954.D
 Acq: 14 Aug 2020 23:46

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-01-081320

Tot Ion:114 Resp: 371074
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 47.6
 88 16.5 0.0 34.4

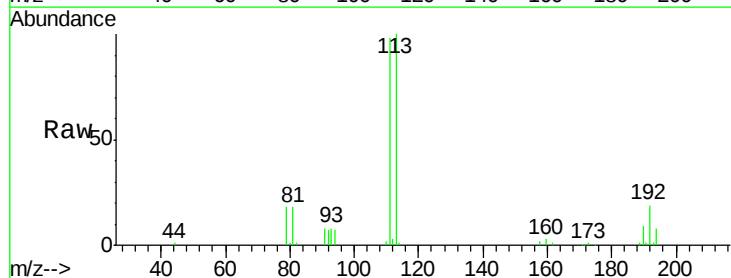


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

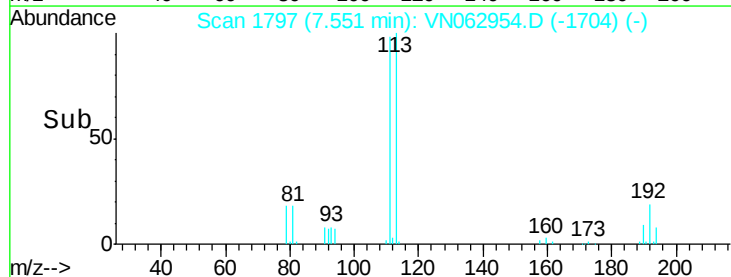
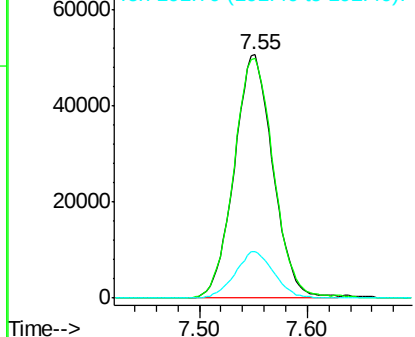


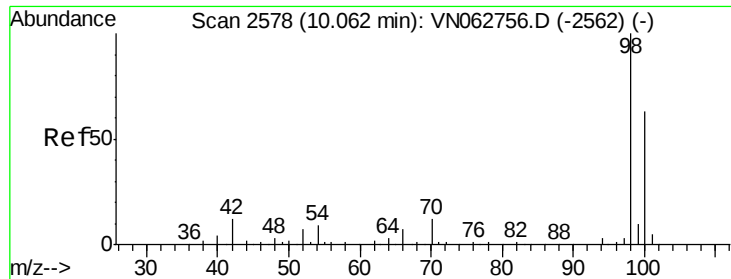
#35
 Dibromofluoromethane
 Concen: 49.843 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: VN062954.D
 Acq: 14 Aug 2020 23:46

Tgt Ion:113 Resp: 126518
 Ion Ratio Lower Upper
 113 100
 111 100.7 81.8 122.6
 192 19.0 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





#50

Toluene-d8

Concen: 46.548 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. -0.00 min

Lab File: VN062954.D

Acq: 14 Aug 2020 23:46

Instrument :

MSVOA_N

ClientSampled :

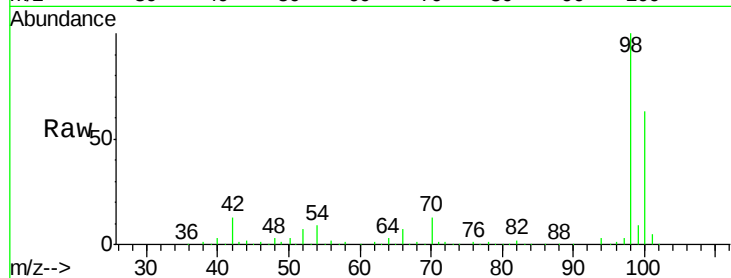
FB-01-081320

Tot Ion: 98 Resp: 461289

Ion Ratio Lower Upper

98 100

100 63.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062756.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062756.D (-2562) (-)

10.06

250000

200000

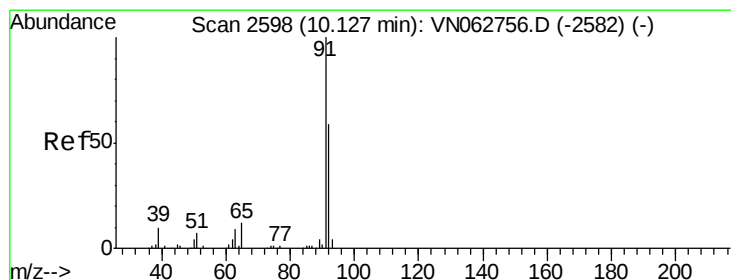
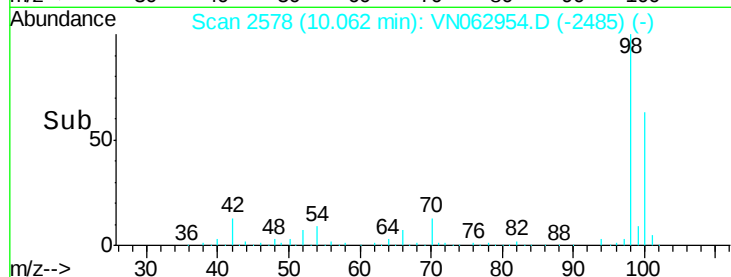
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 0.366 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062954.D

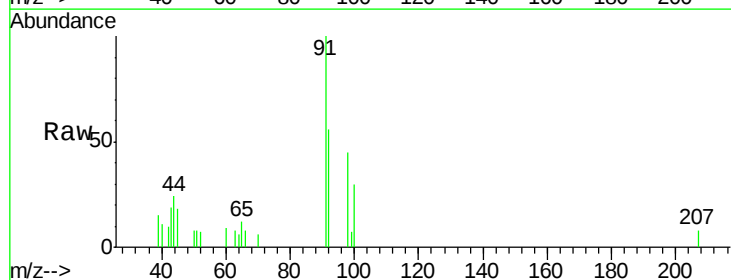
Acq: 14 Aug 2020 23:46

Tgt Ion: 92 Resp: 2439

Ion Ratio Lower Upper

92 100

91 205.7 138.9 208.3



Abundance Ion 92.00 (91.70 to 92.70): VN062756.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN062756.D (-2582) (-)

10.12

3000

2500

2000

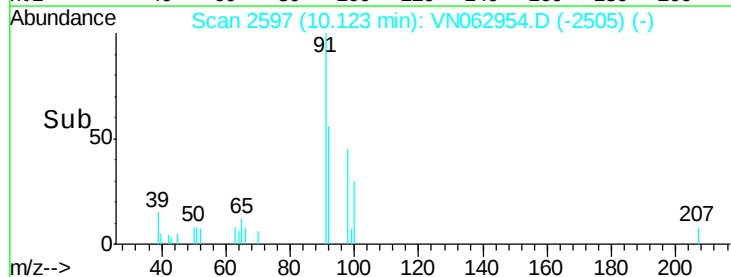
1500

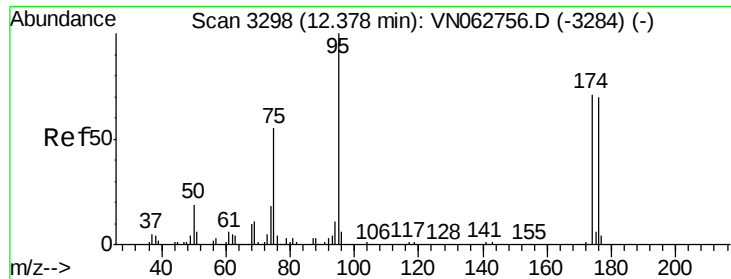
1000

500

0

Time-->





#62

4-Bromofluorobenzene

Concen: 42.972 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062954.D

Acq: 14 Aug 2020 23:46

Instrument :

MSVOA_N

ClientSampleId :

FB-01-081320

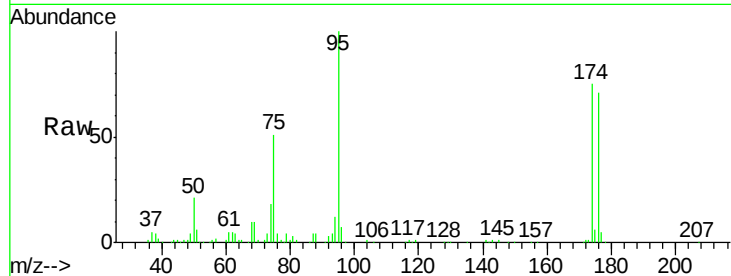
Tot Ion: 95 Resp: 160930

Ion Ratio Lower Upper

95 100

174 76.2 0.0 144.8

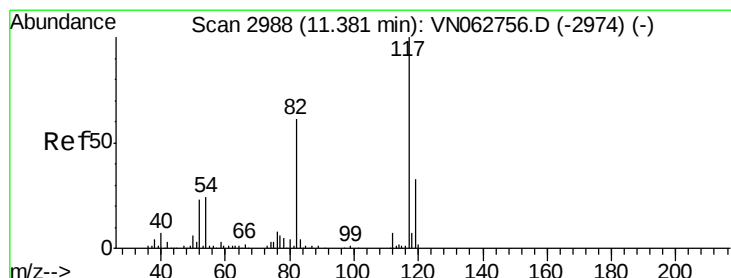
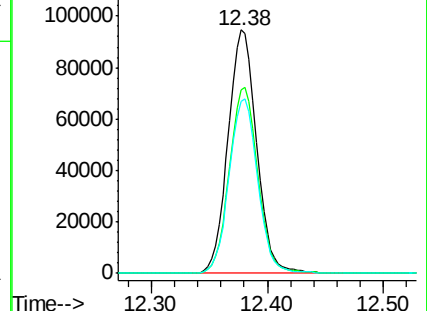
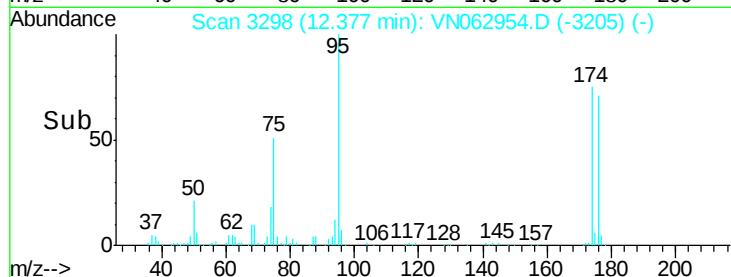
176 71.8 0.0 142.2



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: VN062954.D

Acq: 14 Aug 2020 23:46

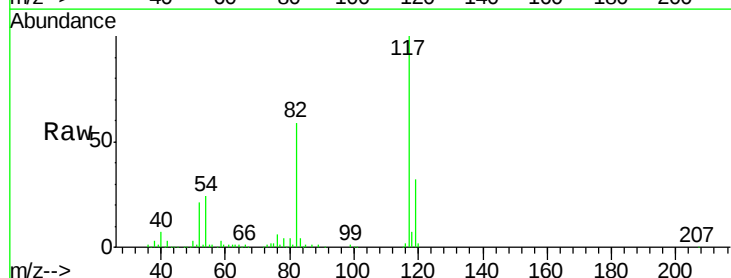
Tgt Ion: 117 Resp: 363433

Ion Ratio Lower Upper

117 100

82 59.4 49.0 73.4

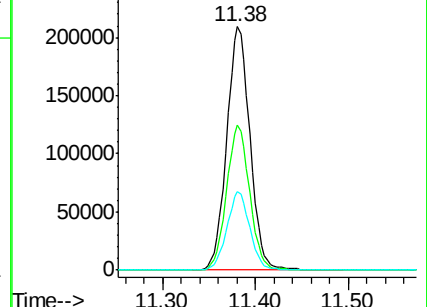
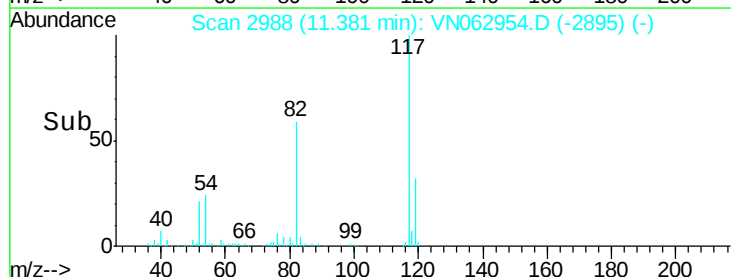
119 32.0 26.2 39.2

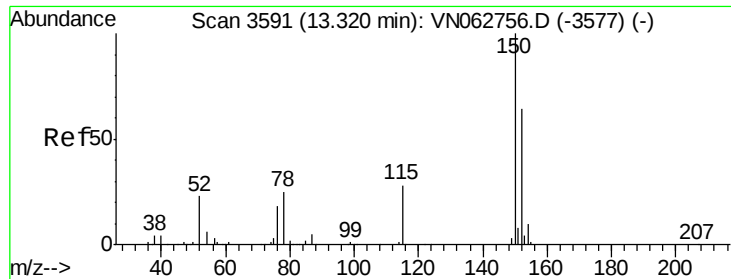


Abundance Ion 116.90 (116.60 to 117.60): VN062756.D (-2974) (-)

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: VN062954.D

Acq: 14 Aug 2020 23:46

Instrument :

MSVOA_N

ClientSampleId :

FB-01-081320

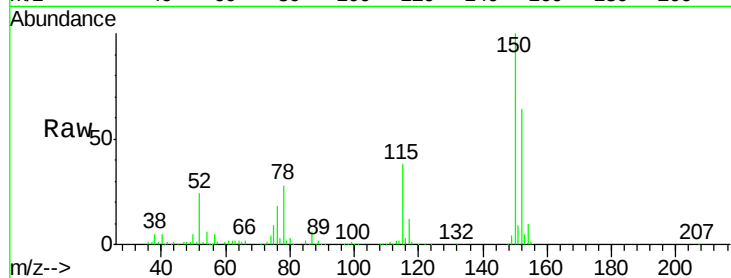
Tot Ion:152 Resp: 126828

Ion Ratio Lower Upper

152 100

115 59.8 31.6 94.8

150 157.0 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

