

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062856.D
 Acq On : 12 Aug 2020 14:31
 Operator : JC/MD
 Sample : L3666-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB179-GW-598-600

Quant Time: Aug 13 05:57:05 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

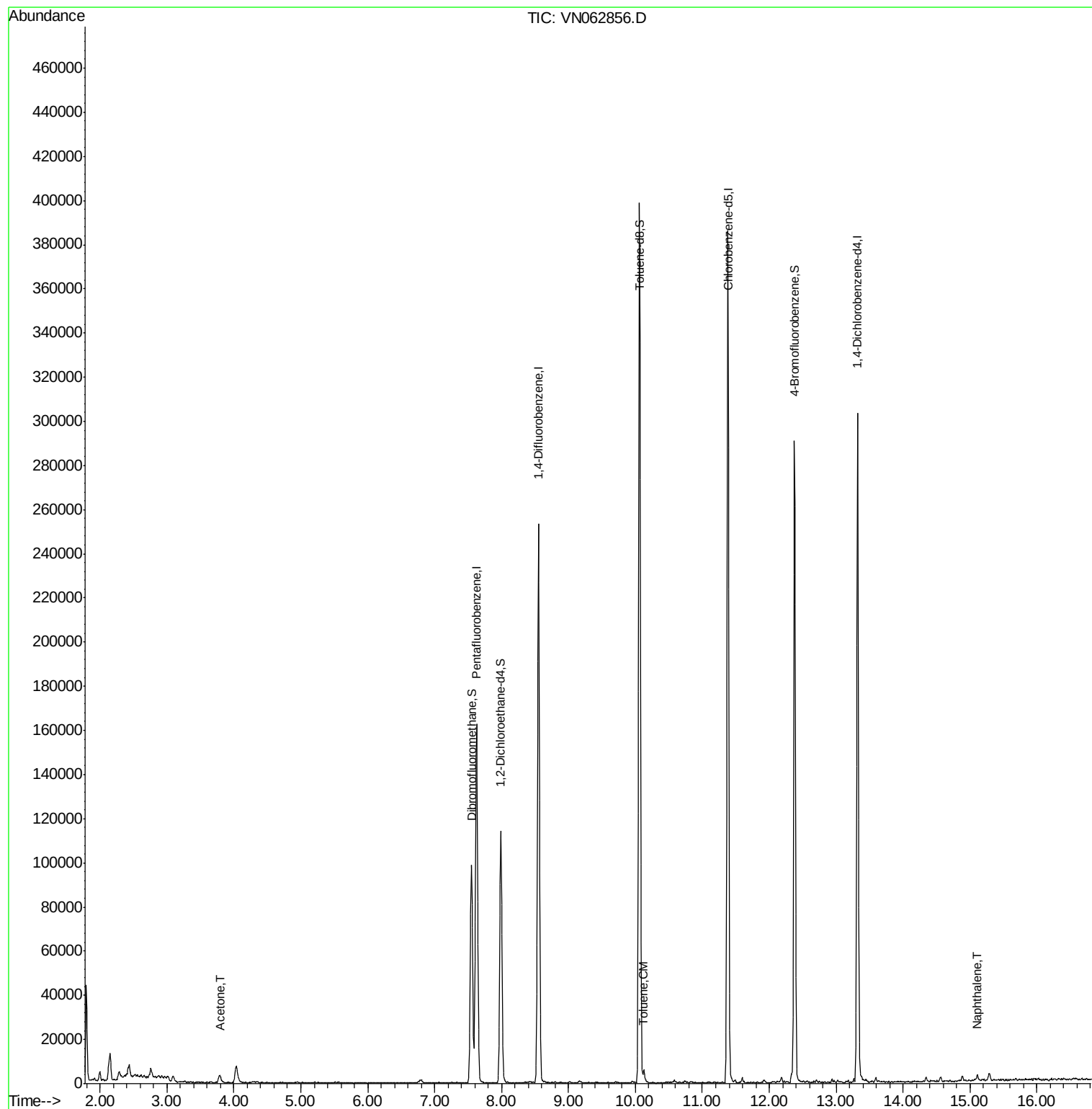
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	122400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	214343	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	215246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	80952	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	106126	52.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.86%	
35) Dibromofluoromethane	7.55	113	74042	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
50) Toluene-d8	10.06	98	272771	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.30%	
62) 4-Bromofluorobenzene	12.38	95	104136	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.28%	
Target Compounds						
16) Acetone	3.79	43	6463	8.837	ug/l	93
52) Toluene	10.13	92	2324	0.604	ug/l	95
95) Naphthalene	15.11	128	3320	4.534	ug/l #	92

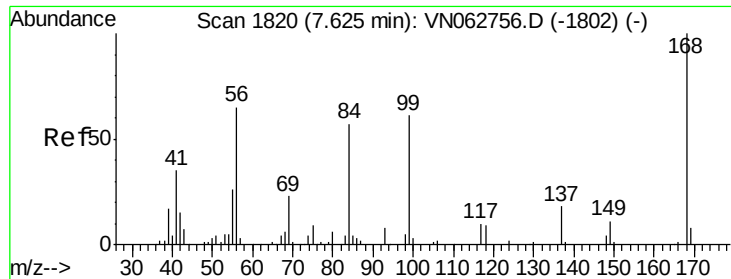
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 13 05:57:05 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
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

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Acq: 12 Aug 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

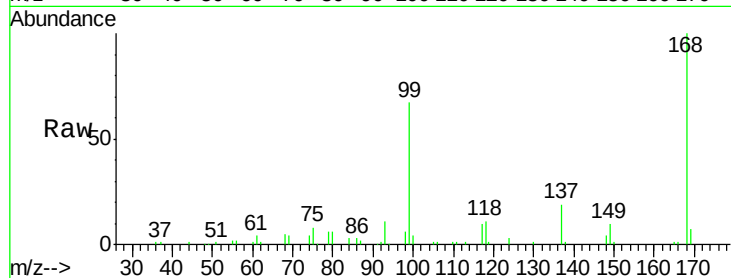
BP-VPB179-GW-598-600

Tot Ion:168 Resp: 122400

Ion Ratio Lower Upper

168 100

99 67.1 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

60000

50000

40000

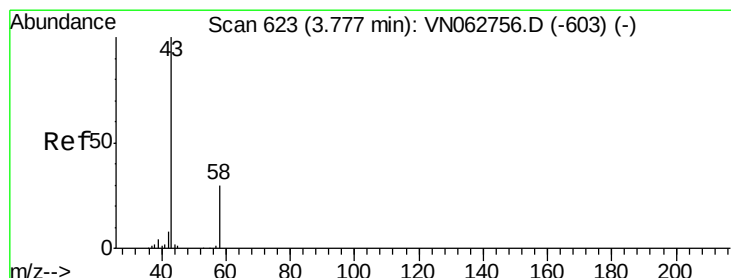
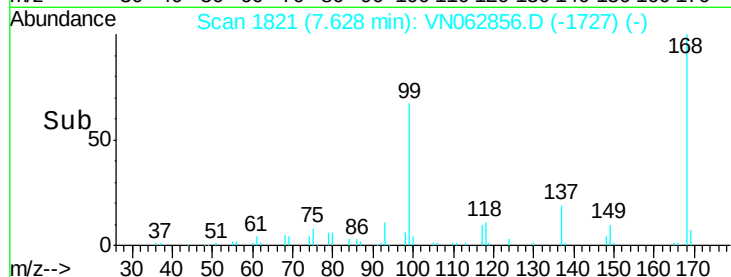
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 8.837 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.02 min

Lab File: VN062856.D

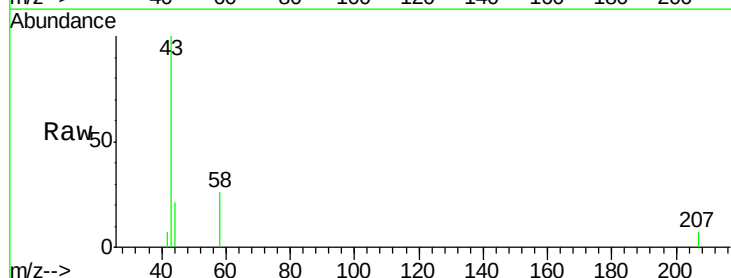
Acq: 12 Aug 2020 14:31

Tgt Ion: 43 Resp: 6463

Ion Ratio Lower Upper

43 100

58 26.3 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.79

2500

2000

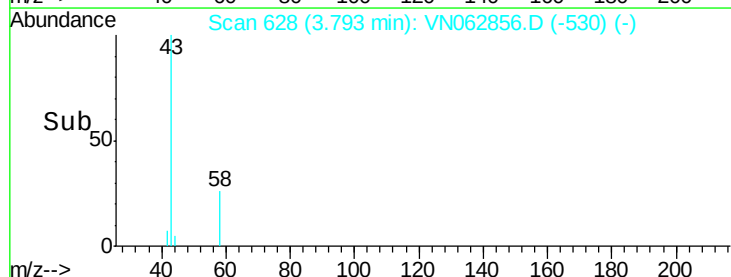
1500

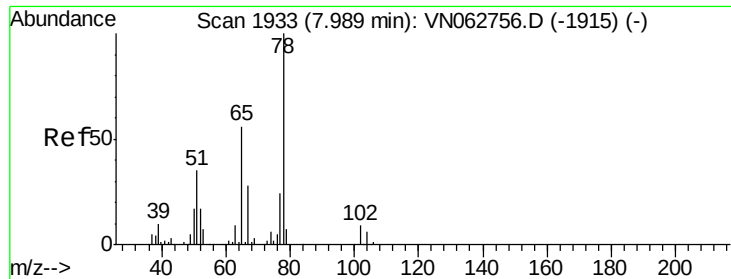
1000

500

0

Time-->

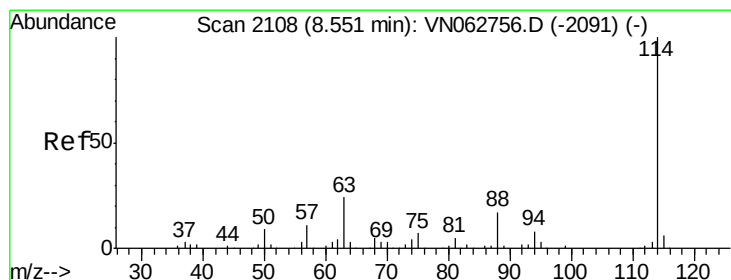
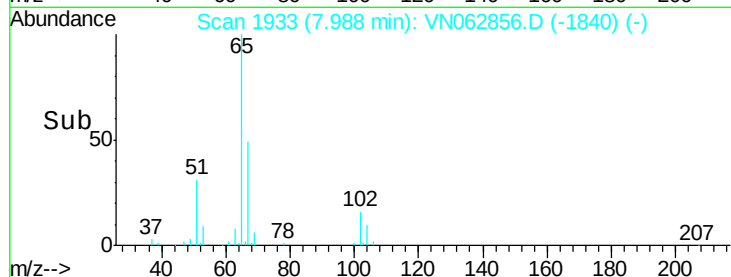
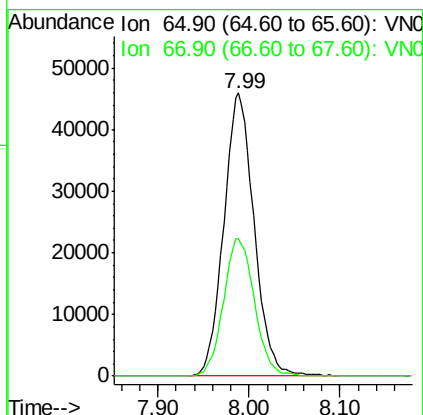
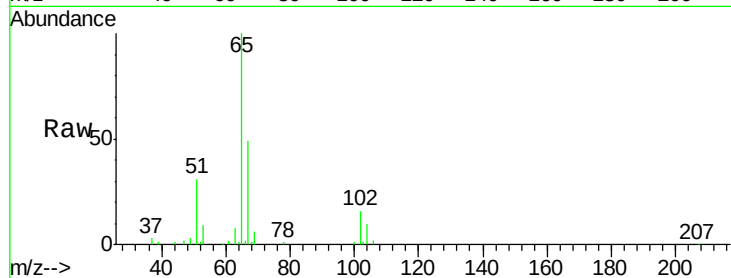




#33
 1,2-Dichloroethane-d4
 Concen: 52.431 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062856.D
 Acq: 12 Aug 2020 14:31

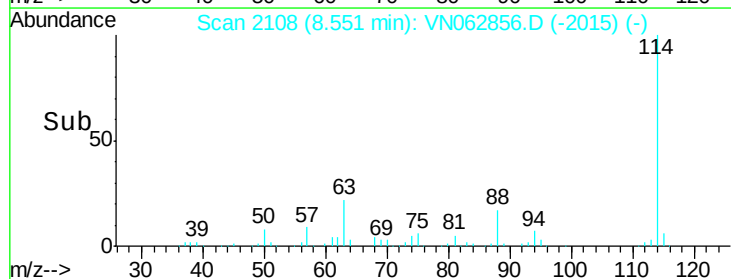
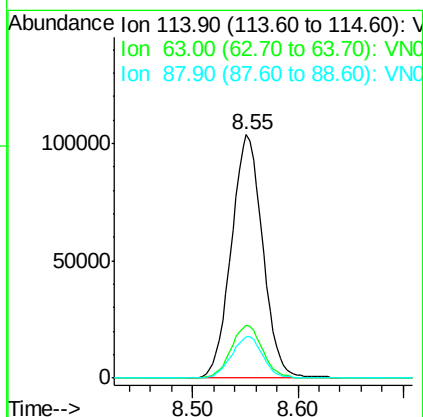
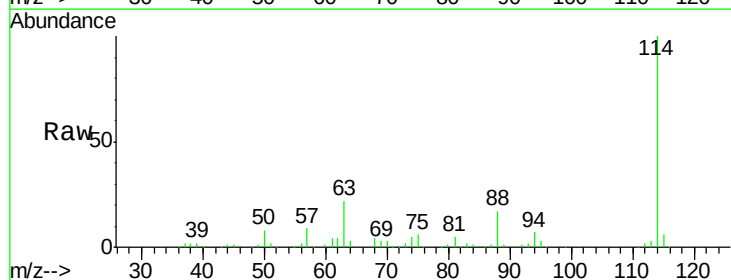
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB179-GW-598-600

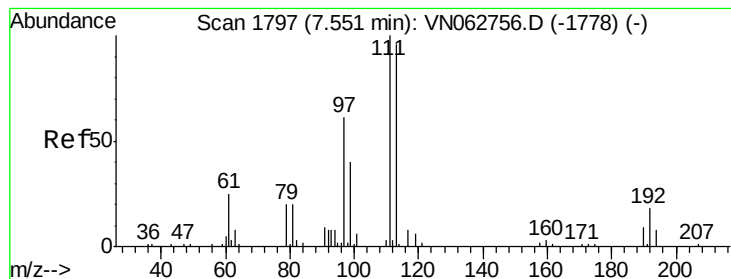
Tot Ion: 65 Resp: 106126
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062856.D
 Acq: 12 Aug 2020 14:31

Tgt Ion: 114 Resp: 214343
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 47.6
 88 17.0 0.0 34.4





#35

Dibromofluoromethane

Concen: 50.498 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VN062856.D

Acq: 12 Aug 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB179-GW-598-600

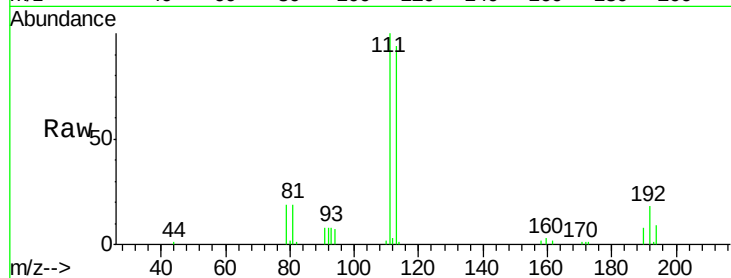
Tot Ion:113 Resp: 74042

Ion Ratio Lower Upper

113 100

111 104.8 81.8 122.6

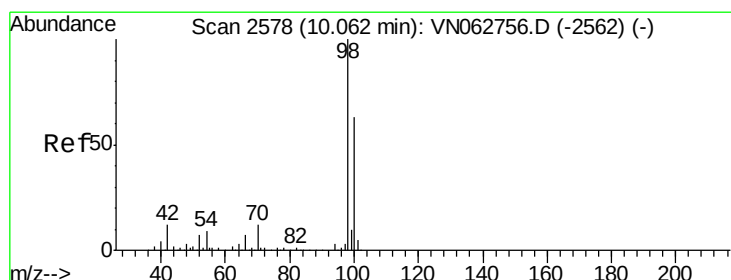
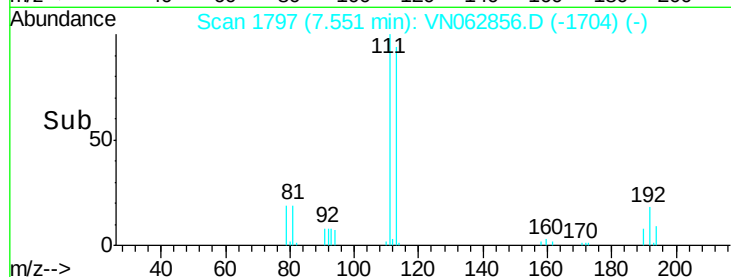
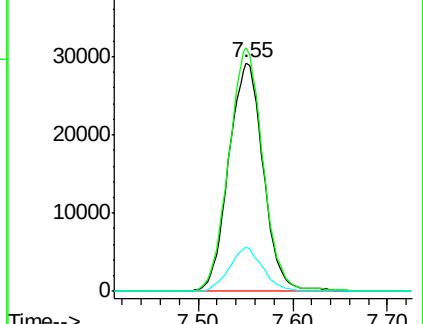
192 18.5 15.0 22.4



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: 47.652 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. -0.00 min

Lab File: VN062856.D

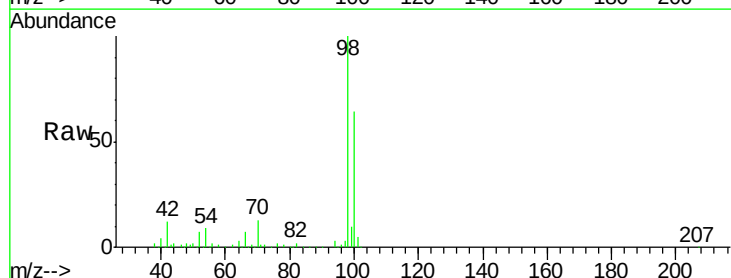
Acq: 12 Aug 2020 14:31

Tgt Ion: 98 Resp: 272771

Ion Ratio Lower Upper

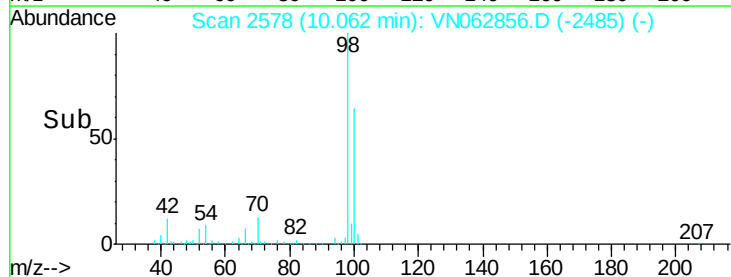
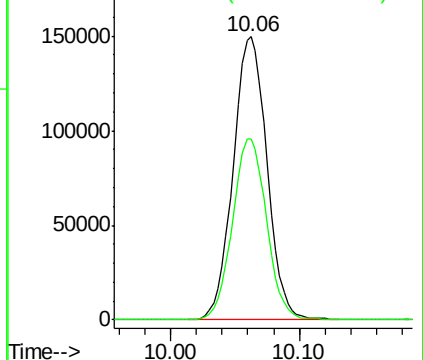
98 100

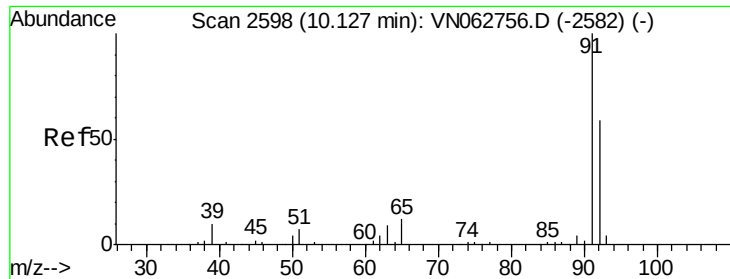
100 64.4 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#52

Toluene

Concen: 0.604 ug/l

RT: 10.13 min Scan# 2599

Delta R.T. 0.00 min

Lab File: VN062856.D

Acq: 12 Aug 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

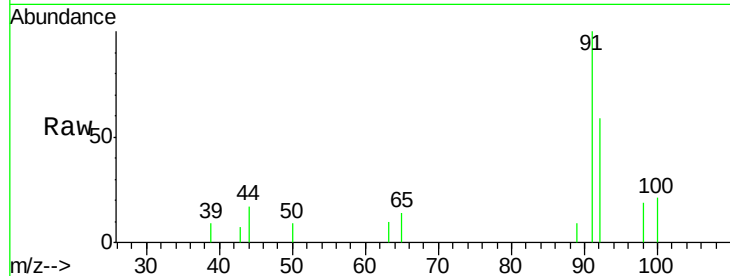
BP-VPB179-GW-598-600

Tot Ion: 92 Resp: 2324

Ion Ratio Lower Upper

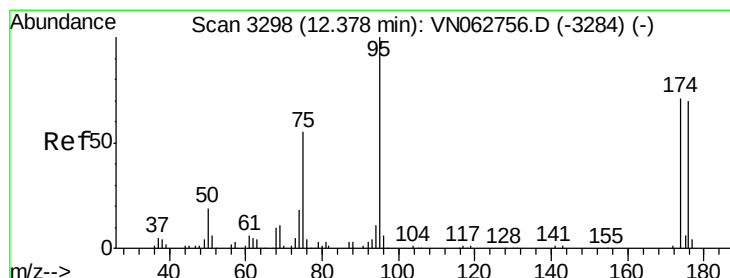
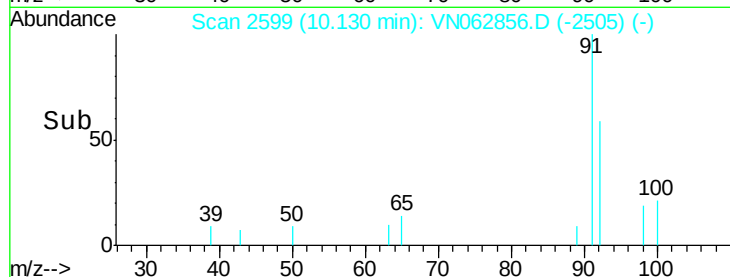
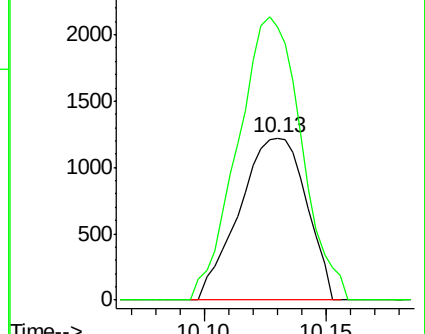
92 100

91 166.5 138.9 208.3



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

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



#62

4-Bromofluorobenzene

Concen: 48.140 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062856.D

Acq: 12 Aug 2020 14:31

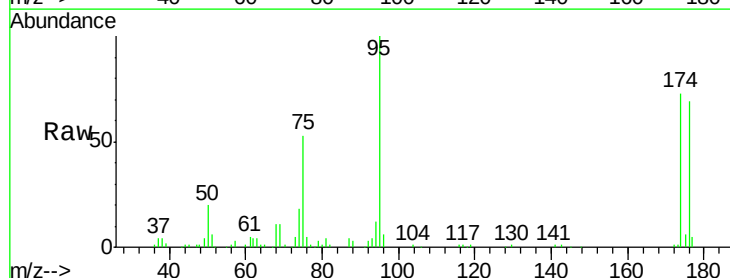
Tgt Ion: 95 Resp: 104136

Ion Ratio Lower Upper

95 100

174 73.6 0.0 144.8

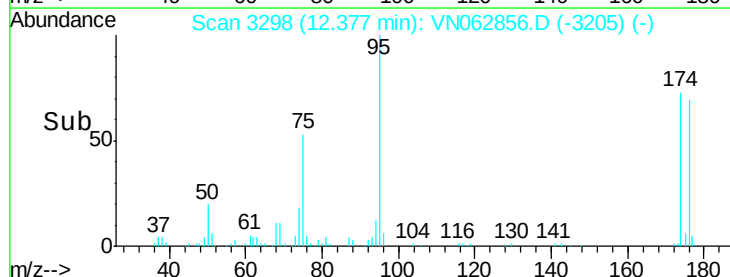
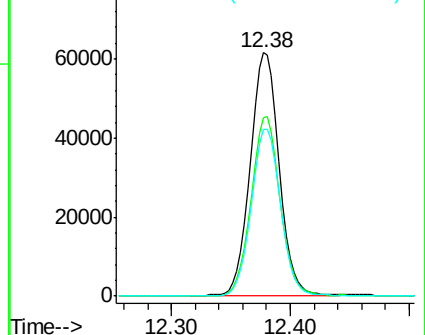
176 69.3 0.0 142.2

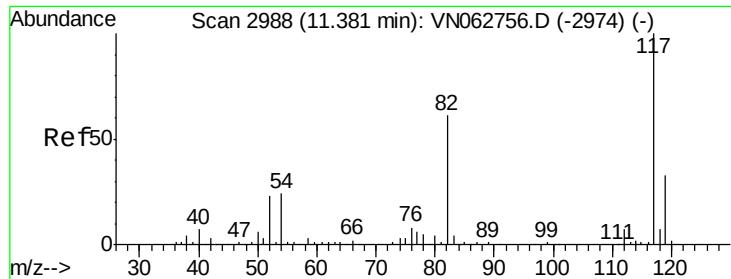


Abundance Ion 94.90 (94.60 to 95.60): VN062756.D (-3284) (-)

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

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

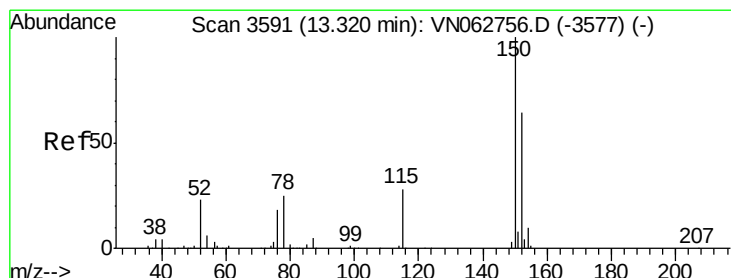
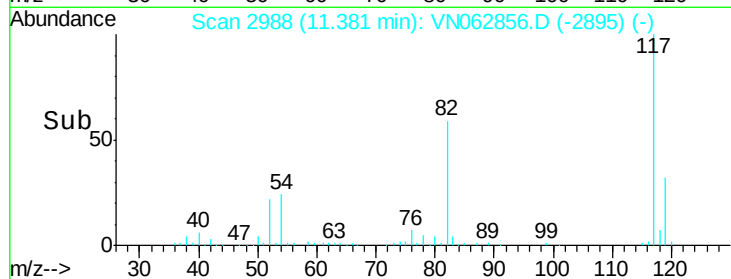
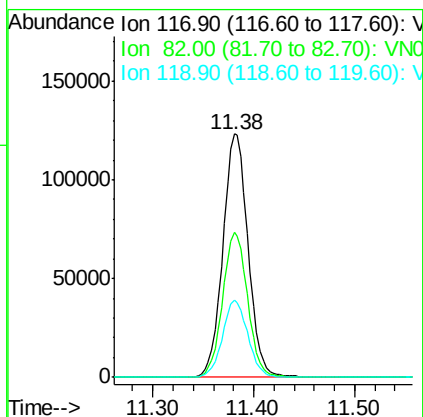
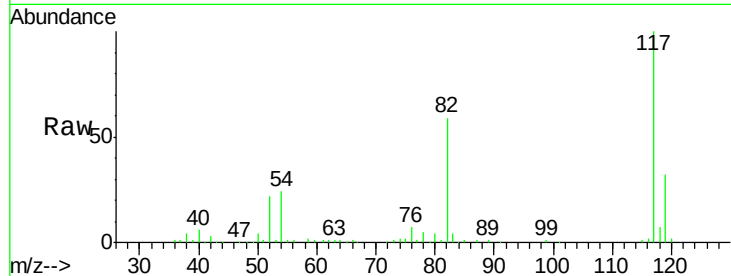




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062856.D
Acq: 12 Aug 2020 14:31

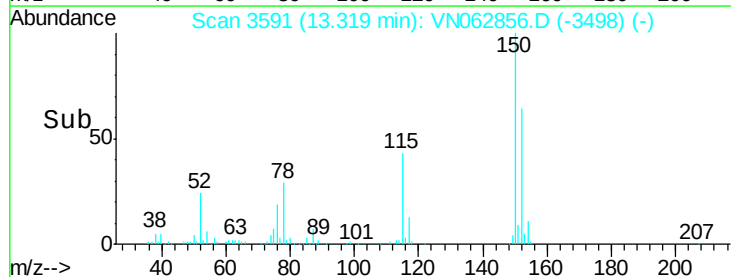
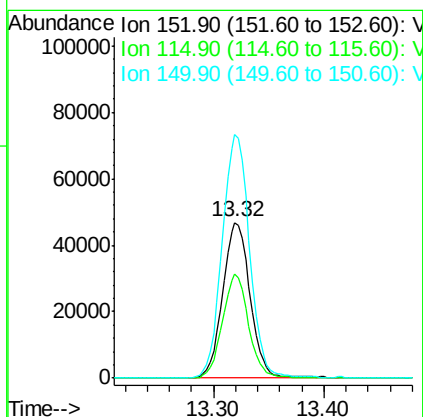
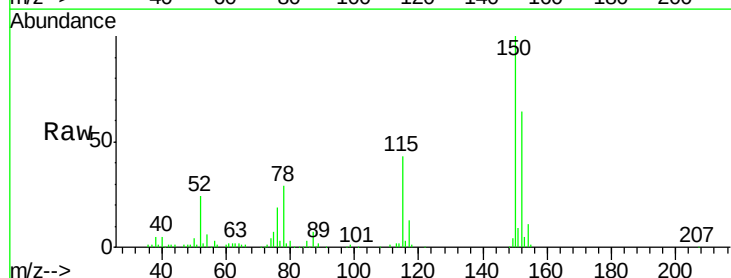
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB179-GW-598-600

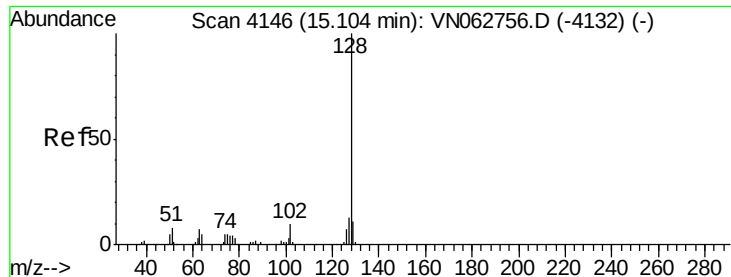
Tot Ion:117 Resp: 215246
Ion Ratio Lower Upper
117 100
82 59.4 49.0 73.4
119 31.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN062856.D
Acq: 12 Aug 2020 14:31

Tgt Ion:152 Resp: 80952
Ion Ratio Lower Upper
152 100
115 63.8 31.6 94.8
150 156.5 0.0 349.2





#95
Naphthalene
Concen: 4.534 ug/l
RT: 15.11 min Scan# 4148
Delta R.T. 0.01 min
Lab File: VN062856.D
Acq: 12 Aug 2020 14:31

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB179-GW-598-600

Tot Ion:128 Resp: 3320
Ion Ratio Lower Upper
128 100
127 9.6 10.8 16.2#
129 8.9 8.8 13.2

