

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063602.D
 Acq On : 23 Sep 2020 20:30
 Operator : JC/MD
 Sample : L4083-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D1-20200917

Quant Time: Sep 24 13:13:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

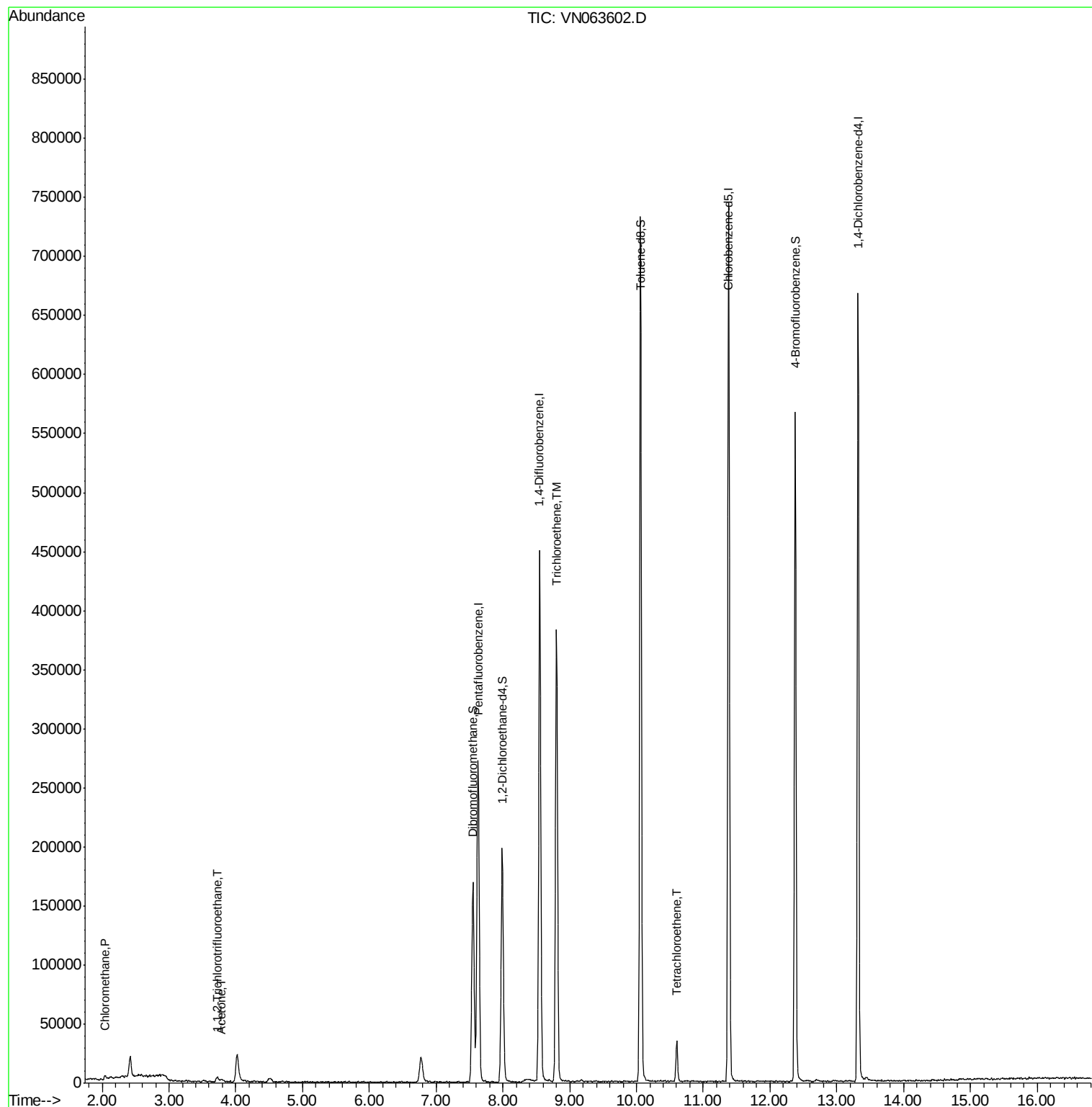
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	200682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	374048	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	390660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	161178	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	175241	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.60%	
35) Dibromofluoromethane	7.55	113	125404	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.86%	
50) Toluene-d8	10.06	98	487592	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
62) 4-Bromofluorobenzene	12.38	95	188443	52.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.58%	
Target Compounds						
3) Chloromethane	2.04	50	2675	0.889	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	2213	0.990	ug/l #	61
16) Acetone	3.78	43	4013	3.655	ug/l	96
44) Trichloroethene	8.80	130	128930	46.729	ug/l	99
64) Tetrachloroethene	10.60	164	6887	2.589	ug/l	93

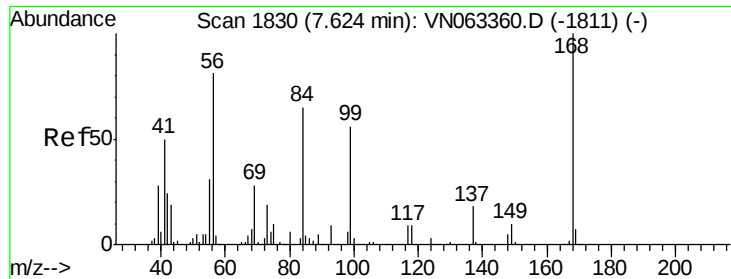
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092320\
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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN063602.D

Acq: 23 Sep 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

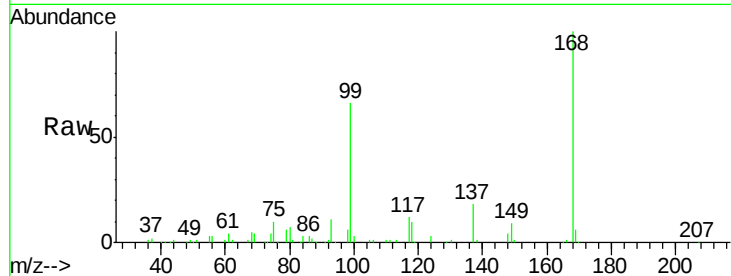
RE104D1-20200917

Tot Ion:168 Resp: 200682

Ion Ratio Lower Upper

168 100

99 65.5 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

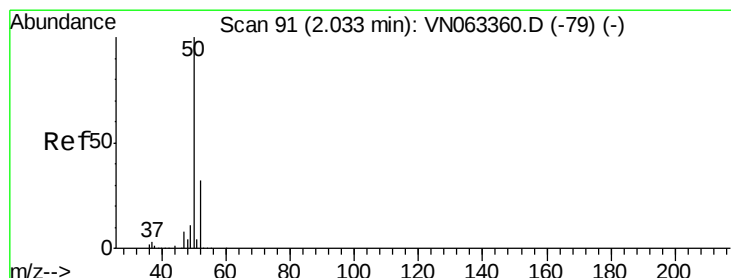
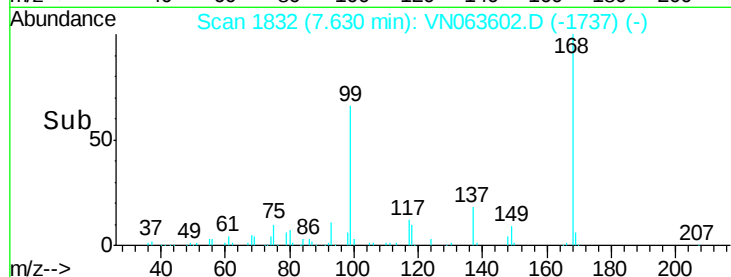
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 0.889 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063602.D

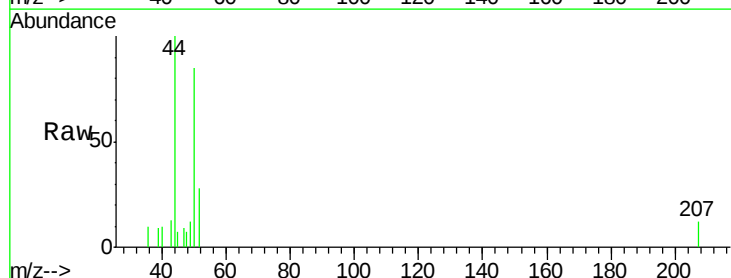
Acq: 23 Sep 2020 20:30

Tgt Ion: 50 Resp: 2675

Ion Ratio Lower Upper

50 100

52 32.6 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

2000

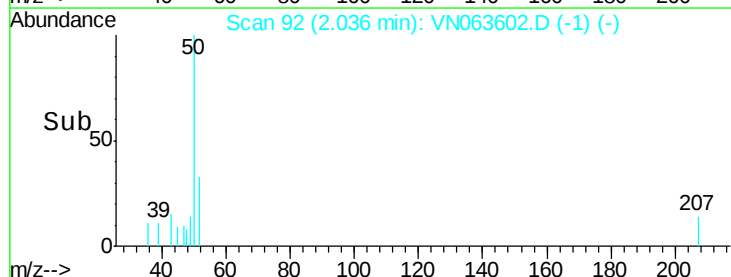
1500

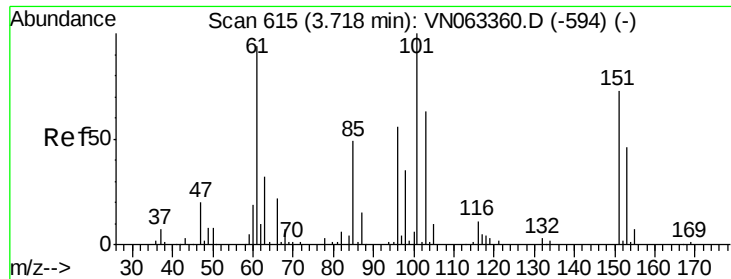
1000

500

0

Time--> 2.00 2.05





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.990 ug/l

RT: 3.73 min Scan# 618

Delta R.T. 0.01 min

Lab File: VN063602.D

Acq: 23 Sep 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

RE104D1-20200917

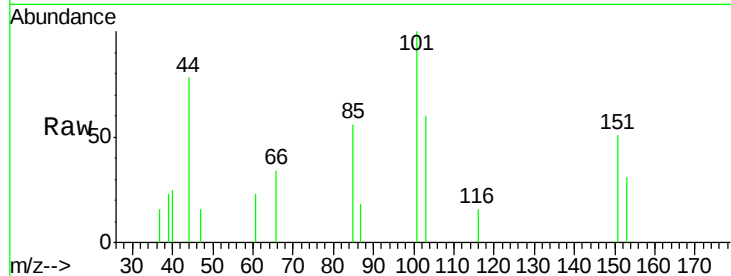
Tot Ion:101 Resp: 2213

Ion Ratio Lower Upper

101 100

85 28.0 37.7 56.5#

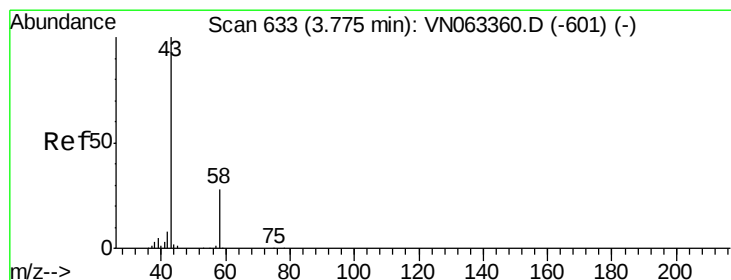
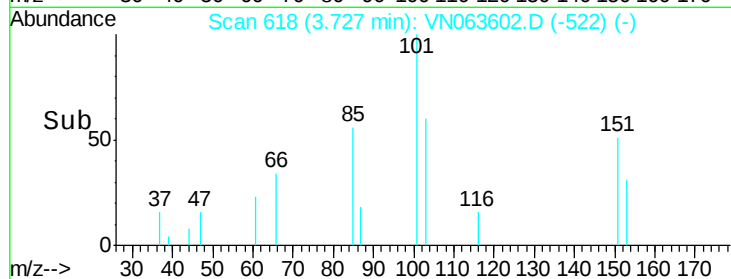
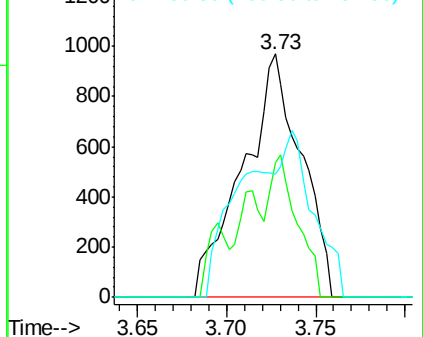
151 33.8 57.7 86.5#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VNO

Ion 150.80 (150.50 to 151.50): V



#16

Acetone

Concen: 3.655 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN063602.D

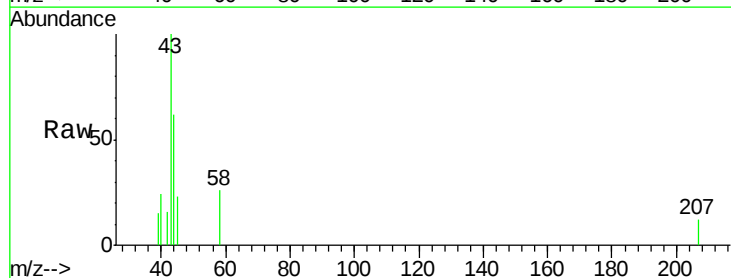
Acq: 23 Sep 2020 20:30

Tgt Ion: 43 Resp: 4013

Ion Ratio Lower Upper

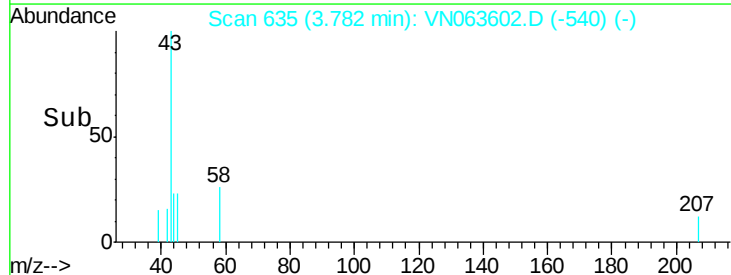
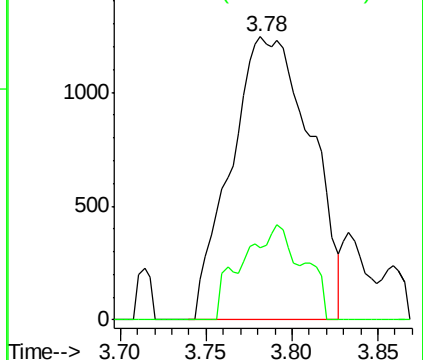
43 100

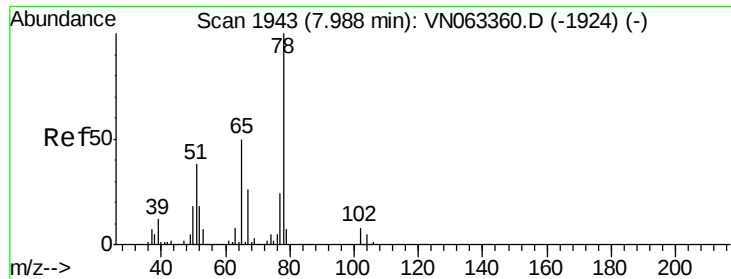
58 25.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#33

1,2-Dichloroethane-d4

Concen: 51.298 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN063602.D

Acq: 23 Sep 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

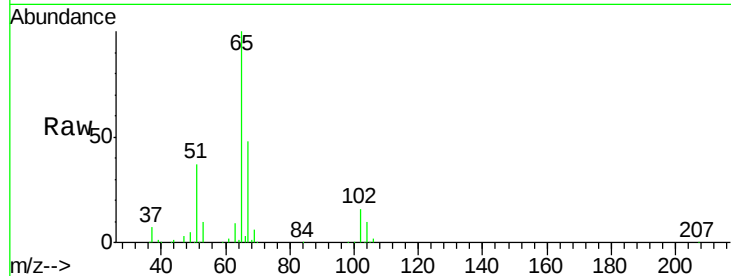
RE104D1-20200917

Tot Ion: 65 Resp: 175241

Ion Ratio Lower Upper

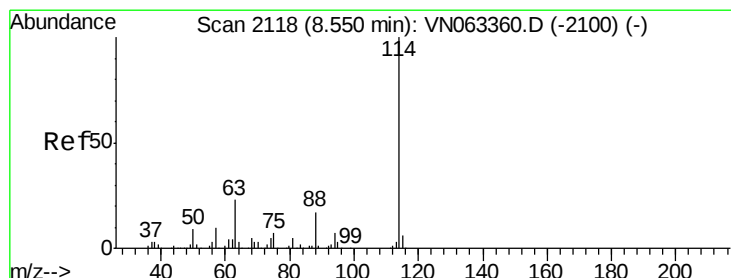
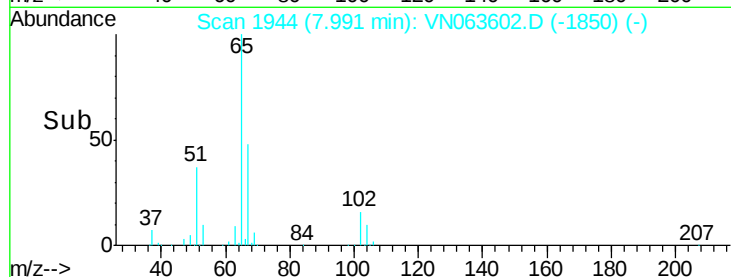
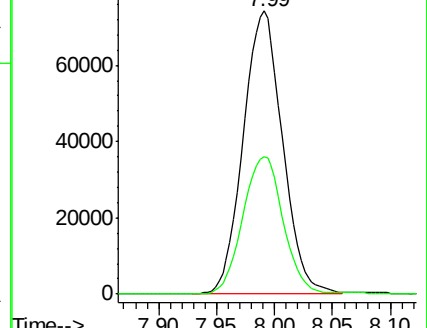
65 100

67 49.8 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN063360.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063360.D (-1924) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063602.D

Acq: 23 Sep 2020 20:30

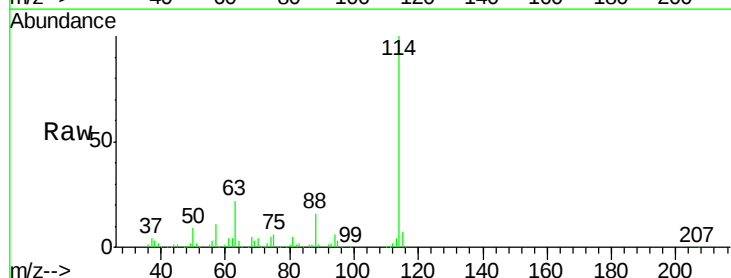
Tgt Ion: 114 Resp: 374048

Ion Ratio Lower Upper

114 100

63 22.2 0.0 46.4

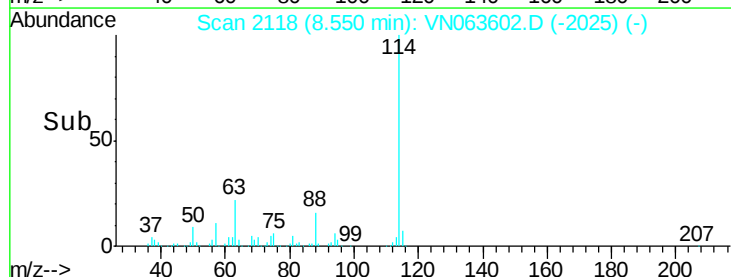
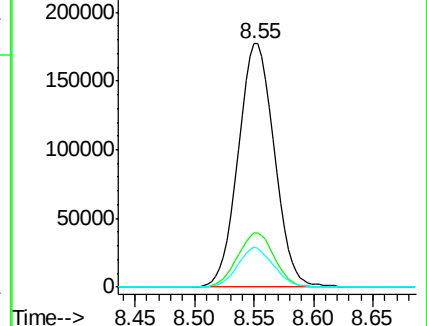
88 16.3 0.0 33.2

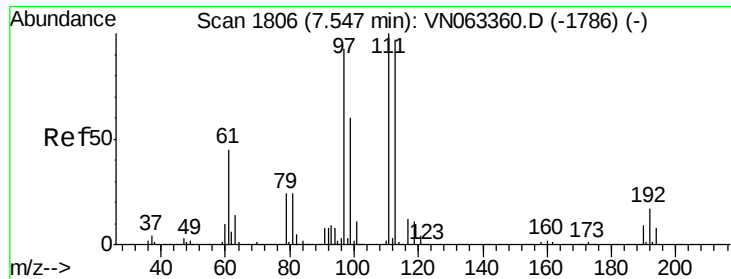


Abundance Ion 113.90 (113.60 to 114.60): VN063360.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN063360.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN063360.D (-2100) (-)

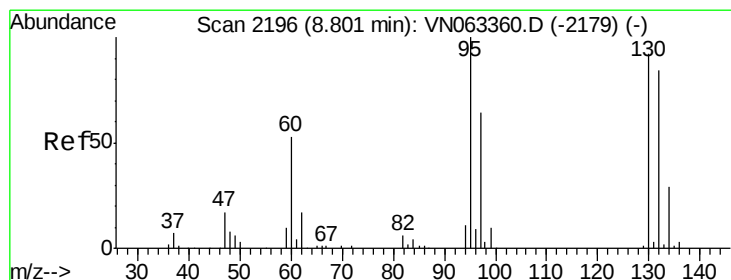
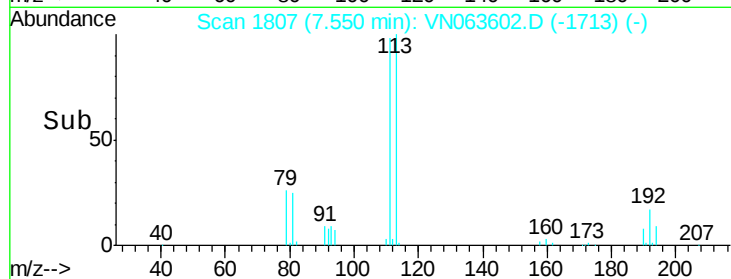
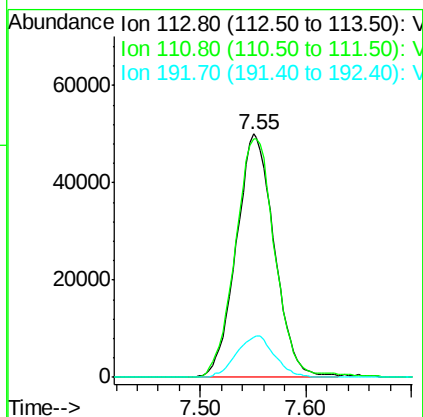
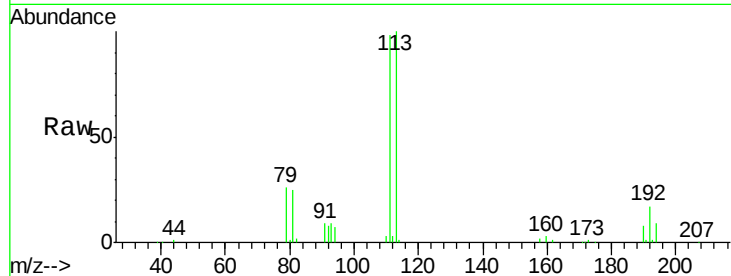




#35
Dibromofluoromethane
Concen: 48.429 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063602.D
Acq: 23 Sep 2020 20:30

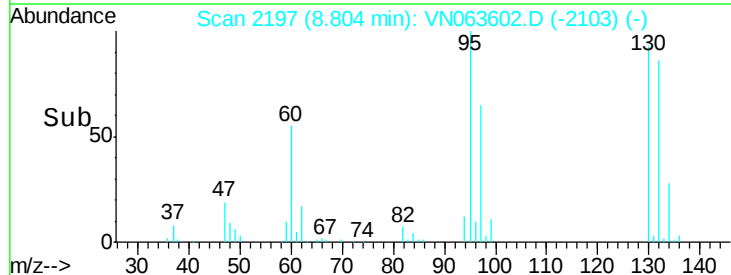
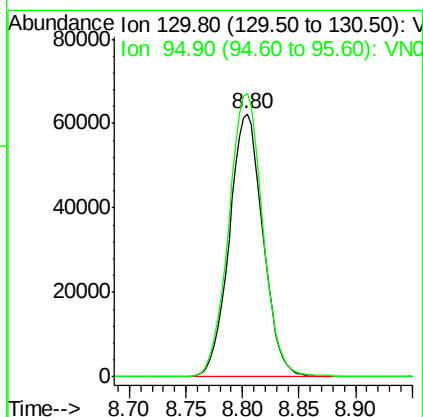
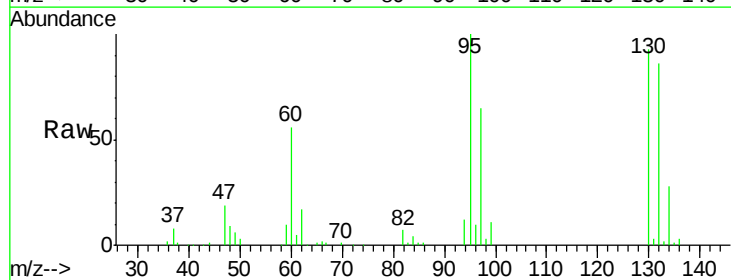
Instrument :
MSVOA_N
ClientSampleId :
RE104D1-20200917

Tot Ion:113 Resp: 125404
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 17.0 13.9 20.9



#44
Trichloroethene
Concen: 46.729 ug/l
RT: 8.80 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN063602.D
Acq: 23 Sep 2020 20:30

Tgt Ion:130 Resp: 128930
Ion Ratio Lower Upper
130 100
95 107.5 0.0 217.4





#50

Toluene-d8

Concen: 50.077 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN063602.D

Acq: 23 Sep 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

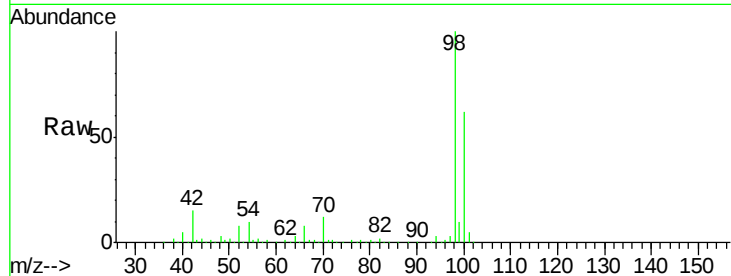
RE104D1-20200917

Tot Ion: 98 Resp: 487592

Ion Ratio Lower Upper

98 100

100 62.7 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063360.D (-2571) (-)

10.06

250000

200000

150000

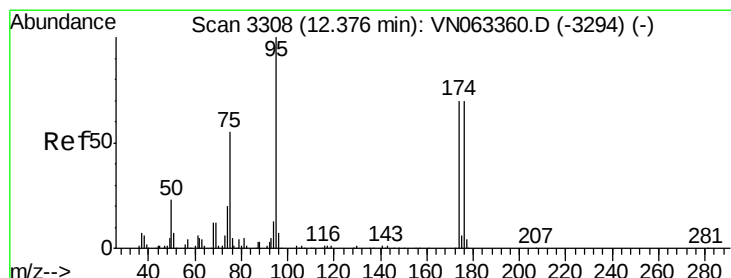
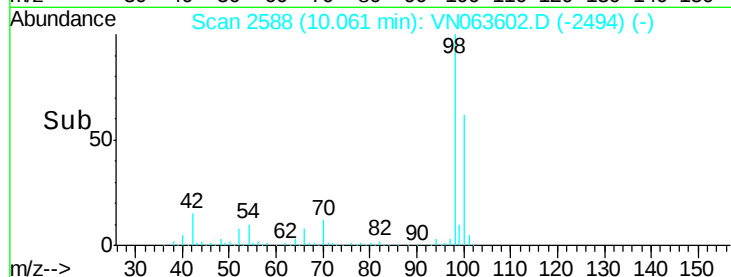
100000

50000

0

10.00 10.10 10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 52.795 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063602.D

Acq: 23 Sep 2020 20:30

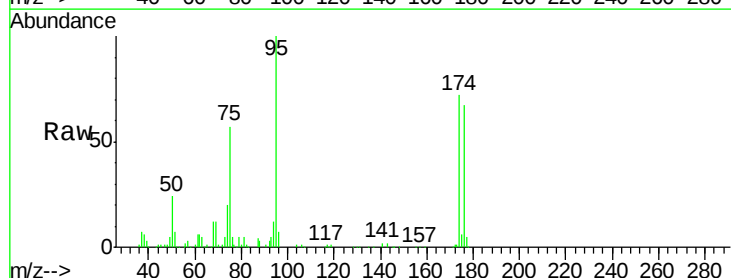
Tgt Ion: 95 Resp: 188443

Ion Ratio Lower Upper

95 100

174 73.4 0.0 140.8

176 69.5 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN063360.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN063360.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN063360.D (-3294) (-)

12.38

150000

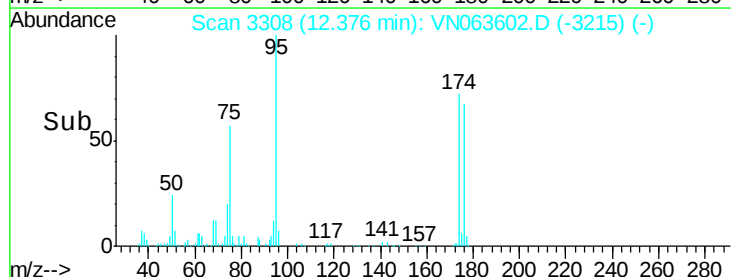
100000

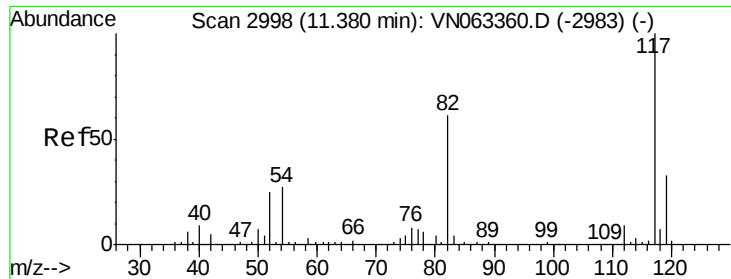
50000

0

12.30 12.35 12.40 12.45

Time-->

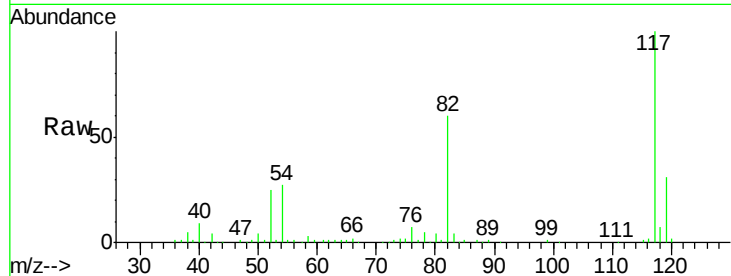




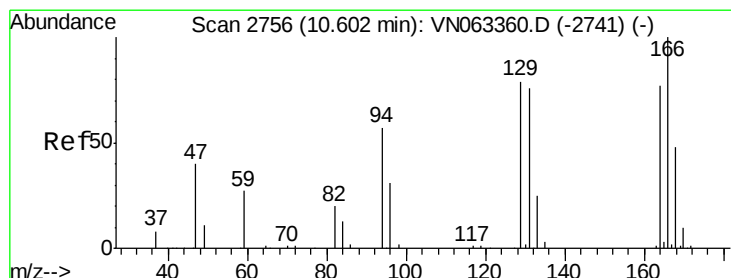
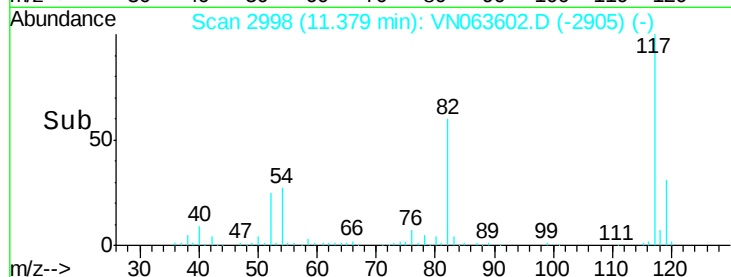
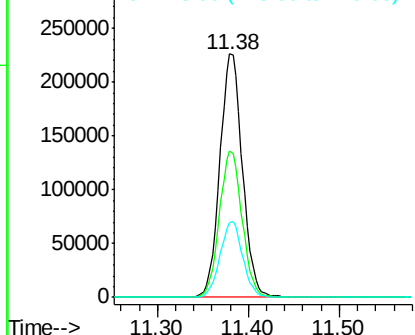
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063602.D
Acq: 23 Sep 2020 20:30

Instrument :
MSVOA_N
ClientSampleId :
RE104D1-20200917

Tot Ion:117 Resp: 390660
Ion Ratio Lower Upper
117 100
82 60.3 49.2 73.8
119 30.5 26.2 39.4



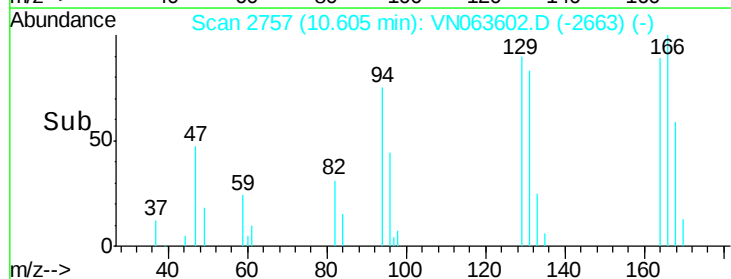
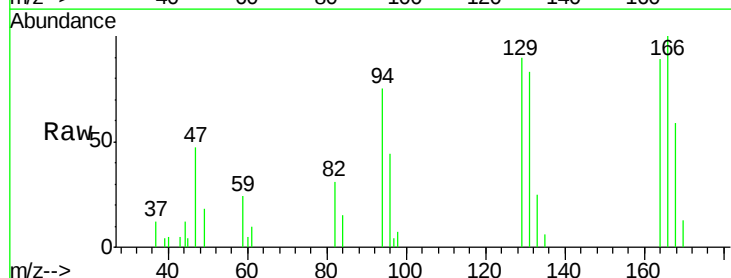
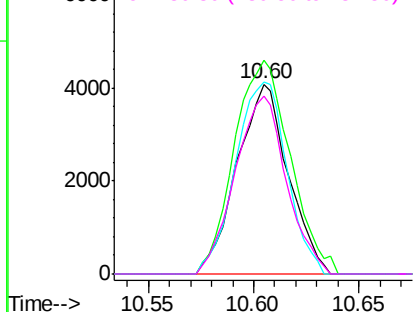
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

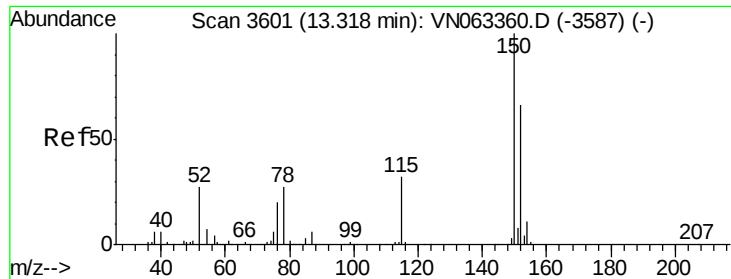


#64
Tetrachloroethene
Concen: 2.589 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063602.D
Acq: 23 Sep 2020 20:30

Tgt Ion:164 Resp: 6887
Ion Ratio Lower Upper
164 100
166 112.5 103.4 155.0
129 101.2 81.8 122.6
131 93.5 78.2 117.4

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3602

Delta R.T. 0.00 min

Lab File: VN063602.D

Acq: 23 Sep 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

RE104D1-20200917

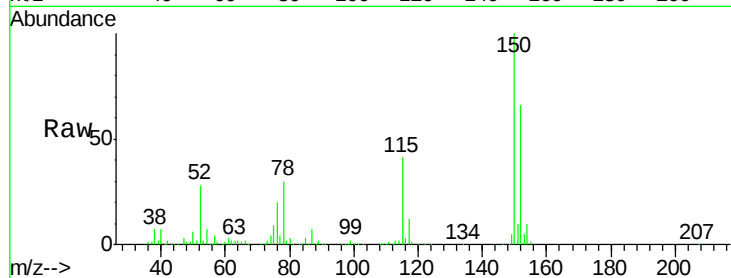
Tot Ion:152 Resp: 161178

Ion Ratio Lower Upper

152 100

115 62.6 32.2 96.6

150 155.0 0.0 343.4



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

