

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063637.D
 Acq On : 24 Sep 2020 18:40
 Operator : JC/MD
 Sample : L4119-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE123D2-20200922

Quant Time: Sep 25 04:58:01 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

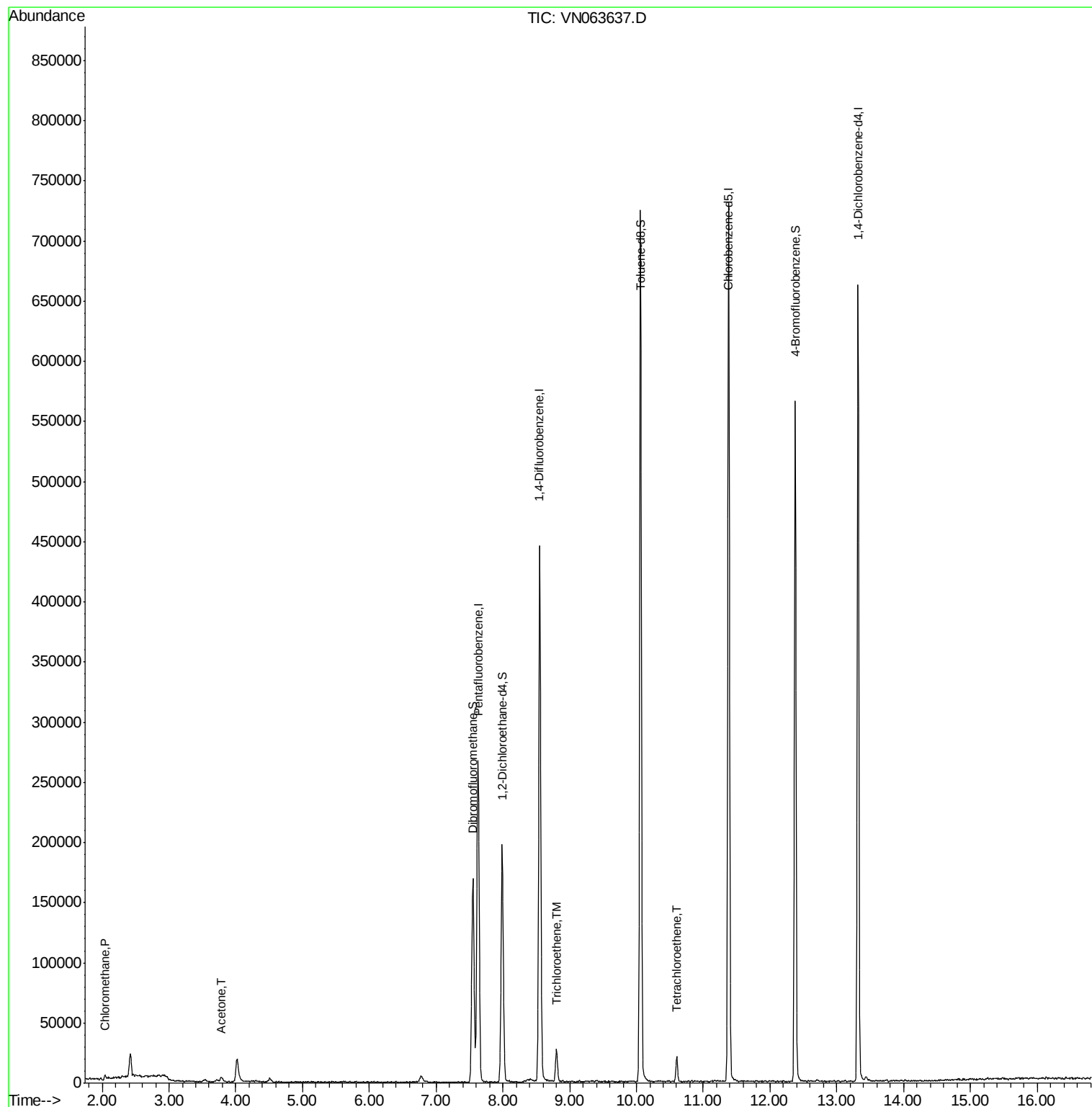
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	196415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	372930	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	383228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	159485	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	171040	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
35) Dibromofluoromethane	7.55	113	126552	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
50) Toluene-d8	10.06	98	478343	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.38	95	184471	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.68%	
Target Compounds						
3) Chloromethane	2.04	50	2849	0.968	ug/l	96
16) Acetone	3.79	43	6327	5.888	ug/l #	83
44) Trichloroethene	8.80	130	8222	2.989	ug/l	93
64) Tetrachloroethene	10.60	164	4461	1.710	ug/l	96

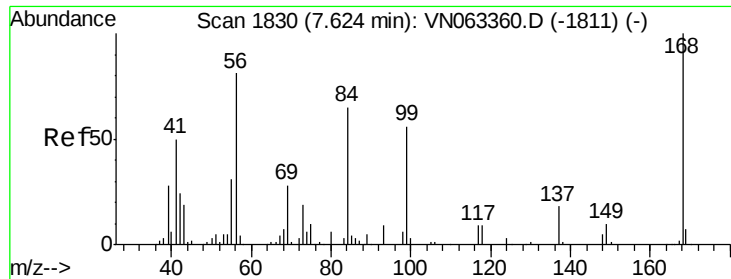
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092420\
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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: VN063637.D

Acq: 24 Sep 2020 18:40

Instrument :

MSVOA_N

ClientSampleId :

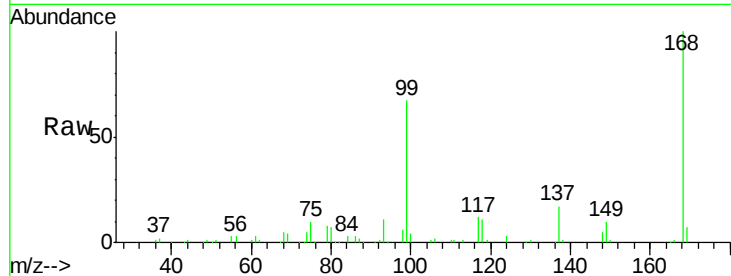
RE123D2-20200922

Tot Ion:168 Resp: 196415

Ion Ratio Lower Upper

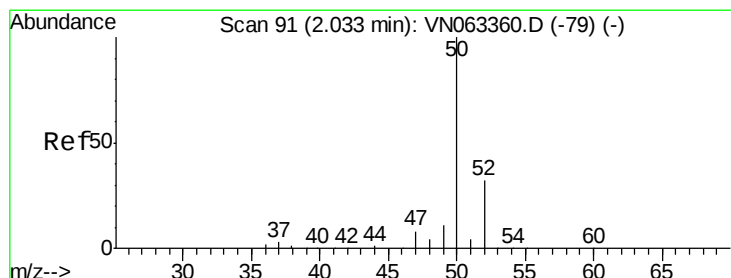
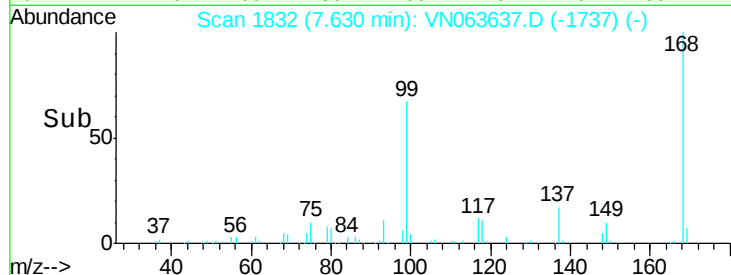
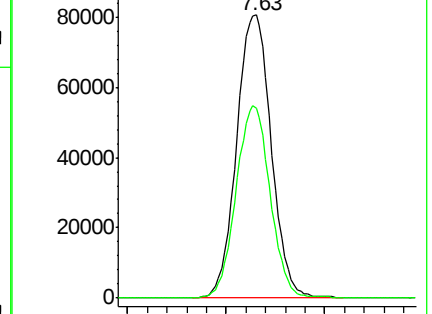
168 100

99 67.2 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.968 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063637.D

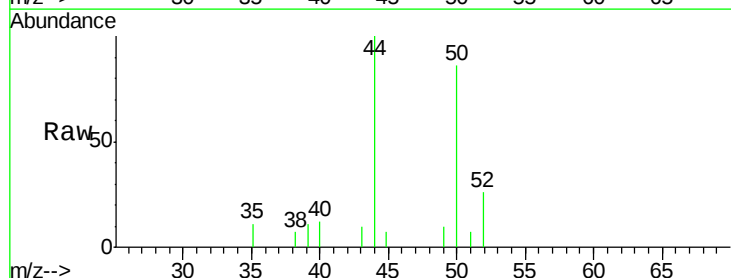
Acq: 24 Sep 2020 18:40

Tgt Ion: 50 Resp: 2849

Ion Ratio Lower Upper

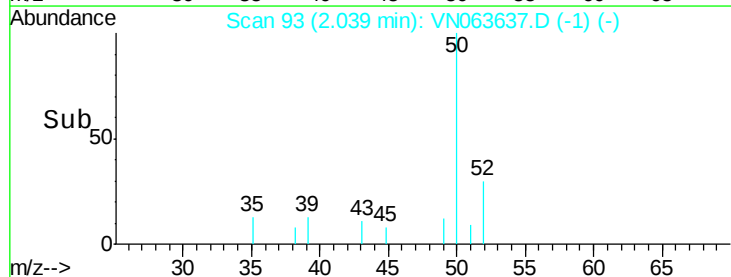
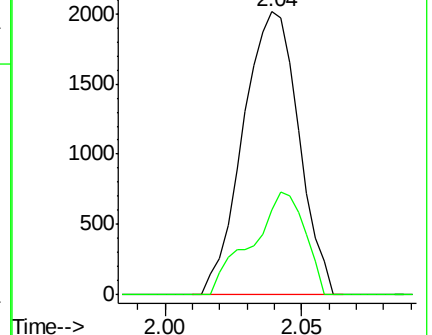
50 100

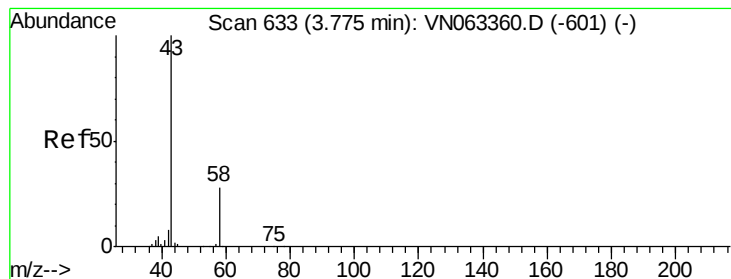
52 30.1 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





#16

Acetone

Concen: 5.888 ug/l

RT: 3.79 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN063637.D

Acq: 24 Sep 2020 18:40

Instrument :

MSVOA_N

ClientSampleId :

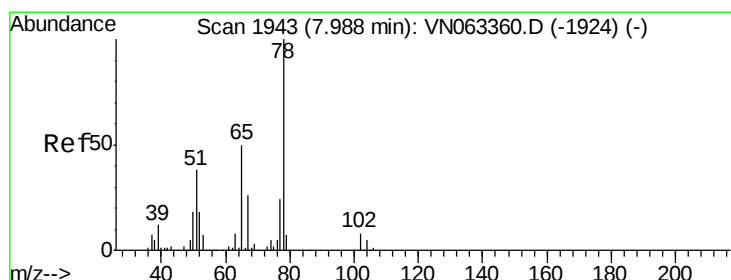
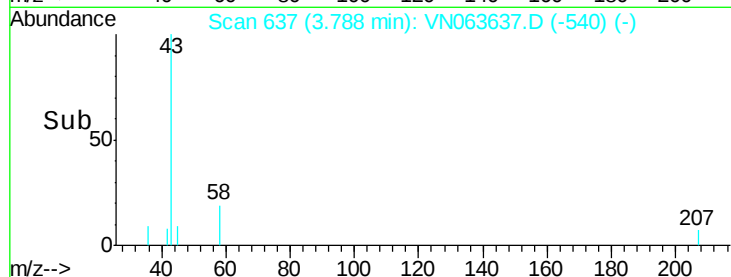
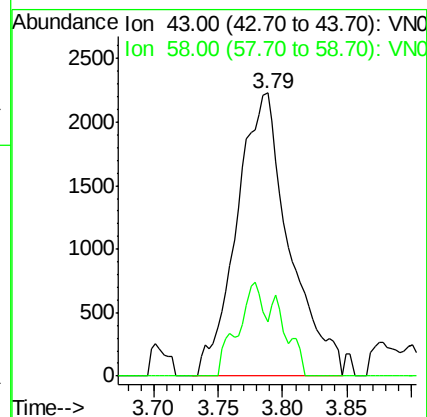
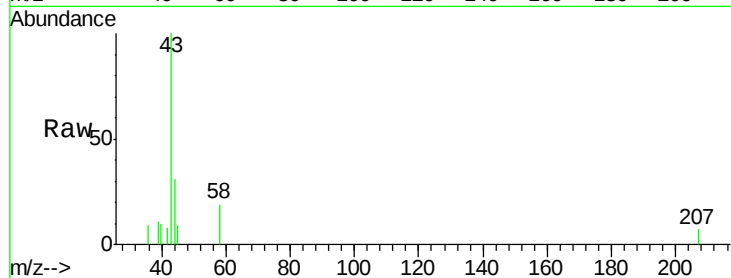
RE123D2-20200922

Tot Ion: 43 Resp: 6327

Ion Ratio Lower Upper

43 100

58 19.2 22.3 33.5#



#33

1,2-Dichloroethane-d4

Concen: 51.156 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063637.D

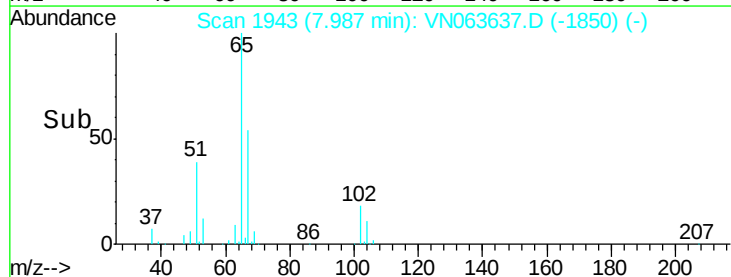
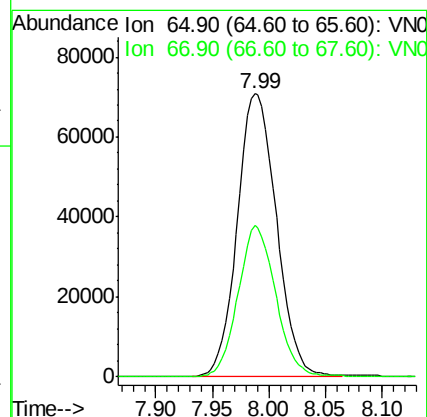
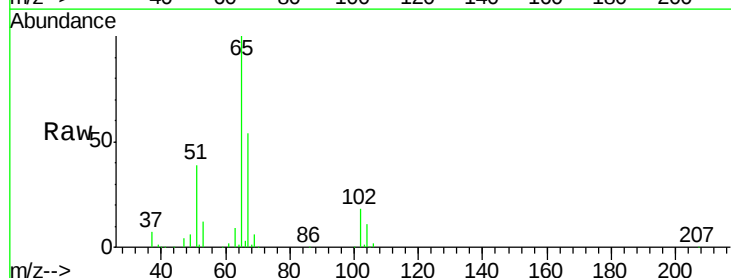
Acq: 24 Sep 2020 18:40

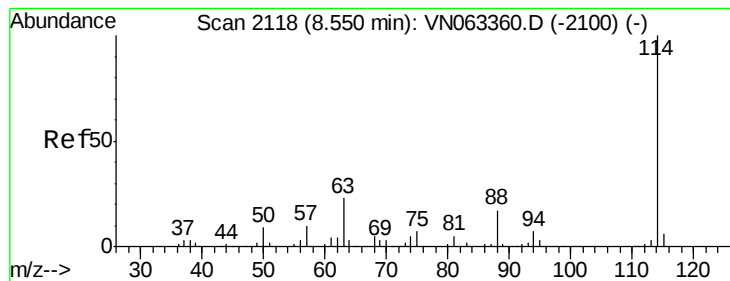
Tgt Ion: 65 Resp: 171040

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063637.D

Acq: 24 Sep 2020 18:40

Instrument :

MSVOA_N

ClientSampleId :

RE123D2-20200922

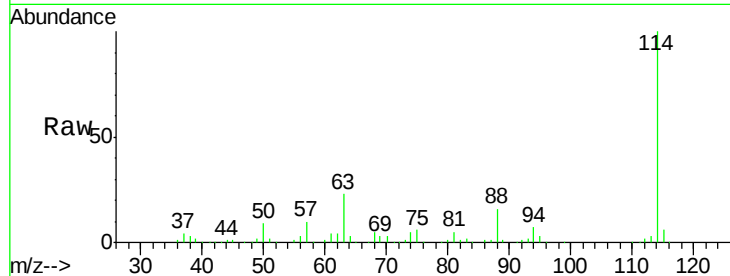
Tot Ion:114 Resp: 372930

Ion Ratio Lower Upper

114 100

63 23.1 0.0 46.4

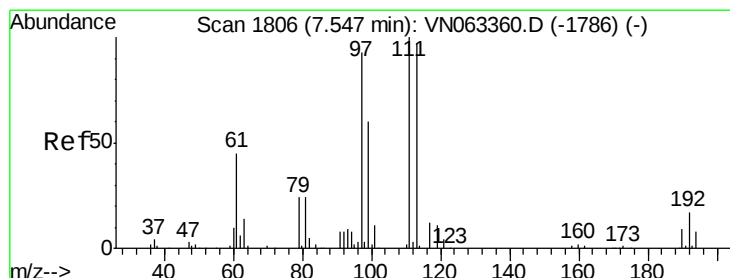
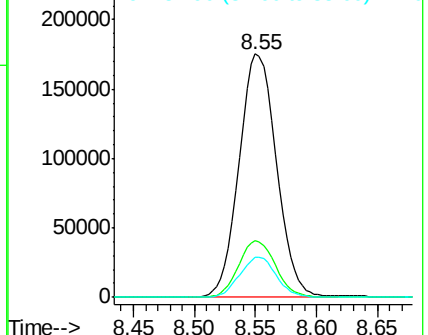
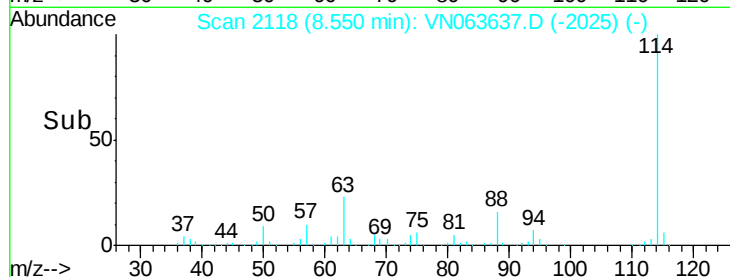
88 16.2 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 49.019 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063637.D

Acq: 24 Sep 2020 18:40

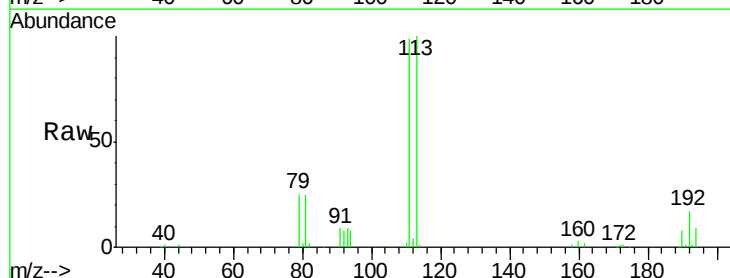
Tgt Ion:113 Resp: 126552

Ion Ratio Lower Upper

113 100

111 101.2 82.9 124.3

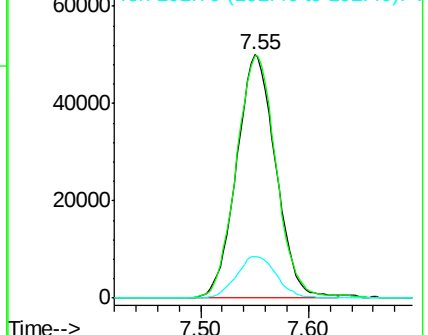
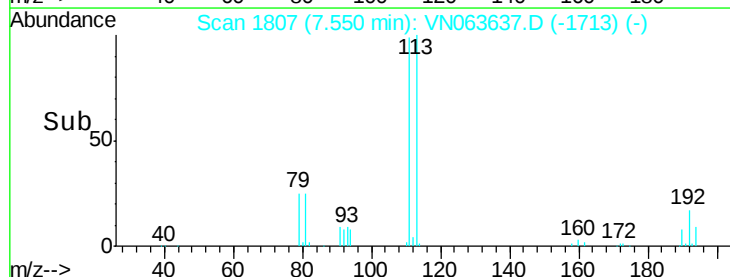
192 17.5 13.9 20.9

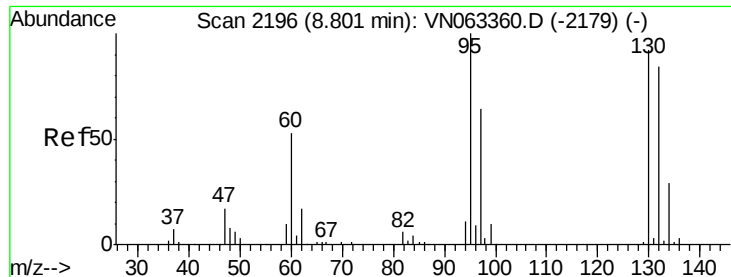


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

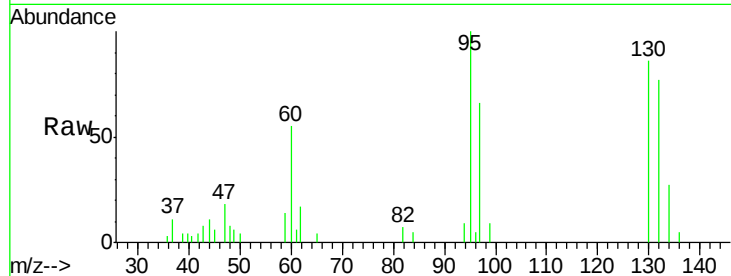




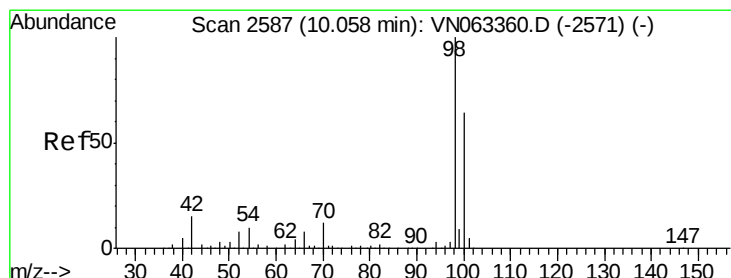
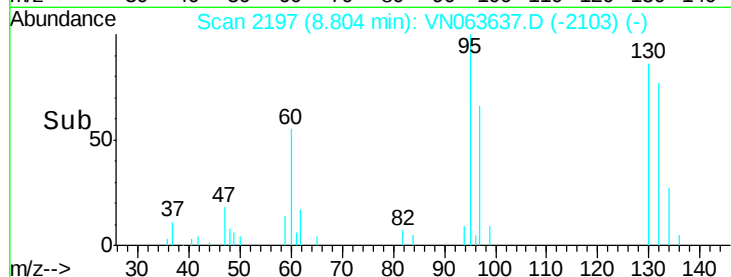
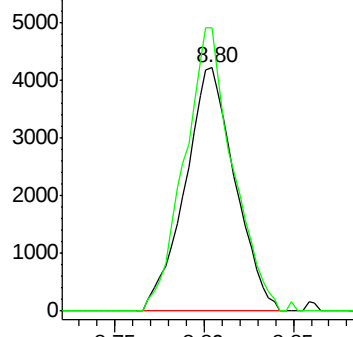
#44
 Trichloroethene
 Concen: 2.989 ug/l
 RT: 8.80 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN063637.D
 Acq: 24 Sep 2020 18:40

Instrument :
 MSVOA_N
 ClientSampleId :
 RE123D2-20200922

Tot Ion:130 Resp: 8222
 Ion Ratio Lower Upper
 130 100
 95 116.1 0.0 217.4

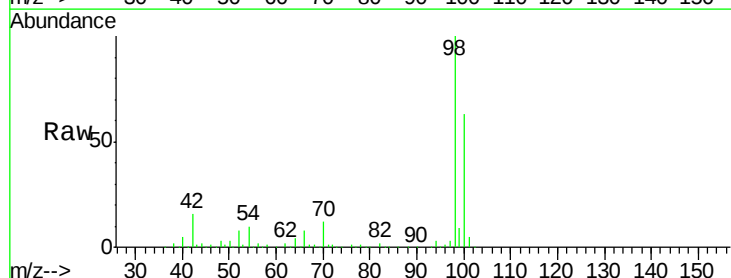


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN

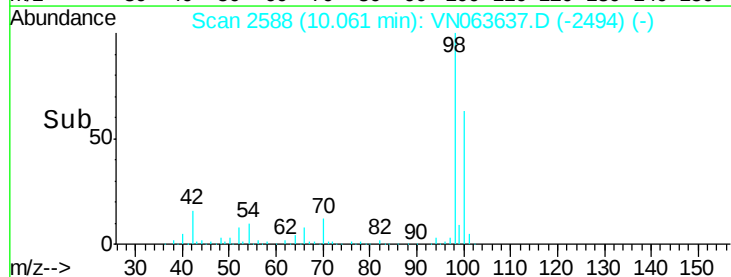
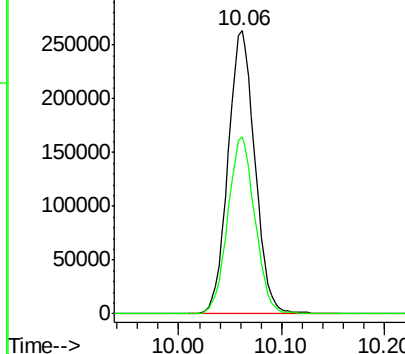


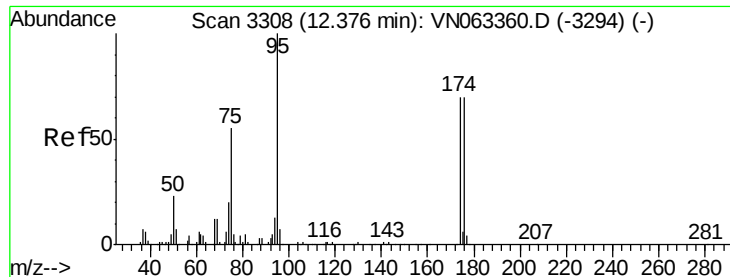
#50
 Toluene-d8
 Concen: 49.274 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN063637.D
 Acq: 24 Sep 2020 18:40

Tgt Ion: 98 Resp: 478343
 Ion Ratio Lower Upper
 98 100
 100 62.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN
 Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 51.837 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063637.D

Acq: 24 Sep 2020 18:40

Instrument :

MSVOA_N

ClientSampleId :

RE123D2-20200922

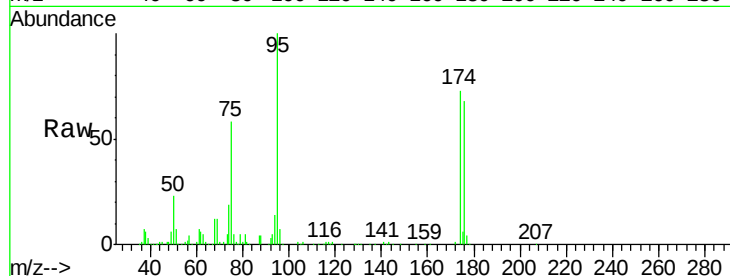
Tot Ion: 95 Resp: 184471

Ion Ratio Lower Upper

95 100

174 73.9 0.0 140.8

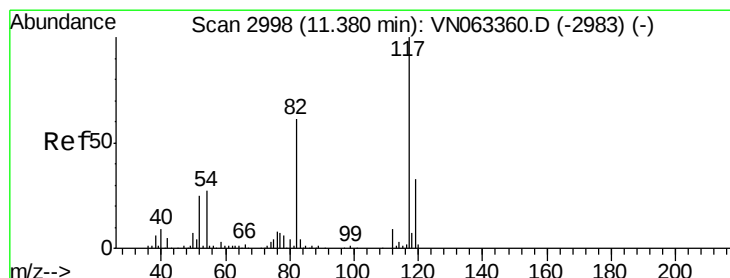
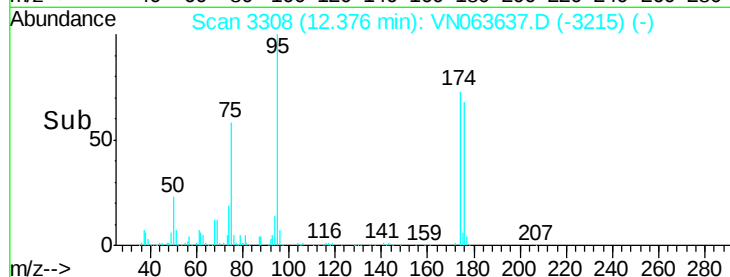
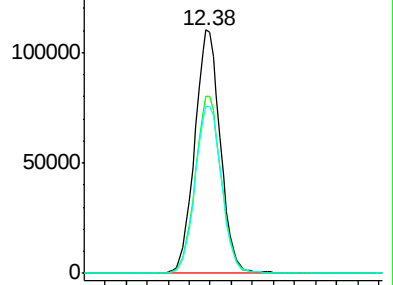
176 70.9 0.0 137.6



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN063637.D

Acq: 24 Sep 2020 18:40

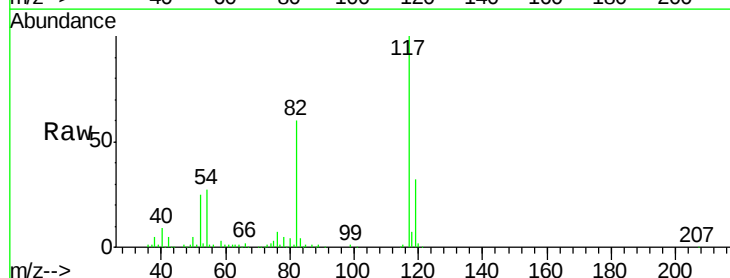
Tgt Ion: 117 Resp: 383228

Ion Ratio Lower Upper

117 100

82 59.9 49.2 73.8

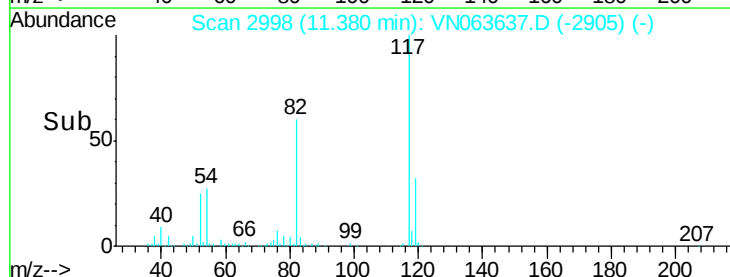
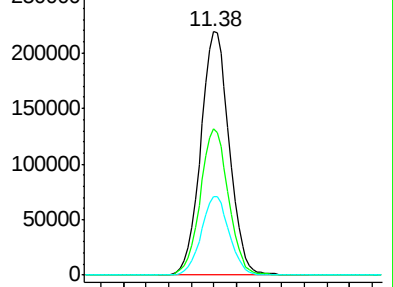
119 32.3 26.2 39.4

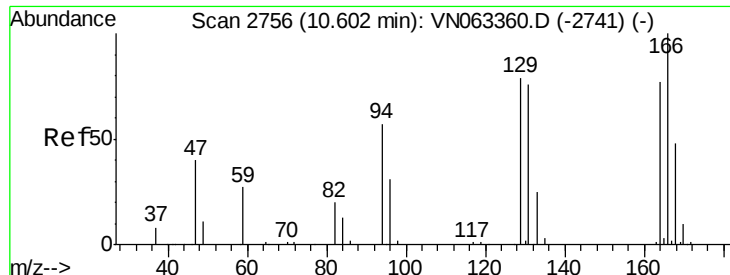


Abundance Ion 116.90 (116.60 to 117.60): VN063360.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN063360.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN063360.D (-2983) (-)





#64

Tetrachloroethene

Concen: 1.710 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VN063637.D

Acq: 24 Sep 2020 18:40

Instrument :

MSVOA_N

ClientSampleId :

RE123D2-20200922

Tot Ion:164 Resp: 4461

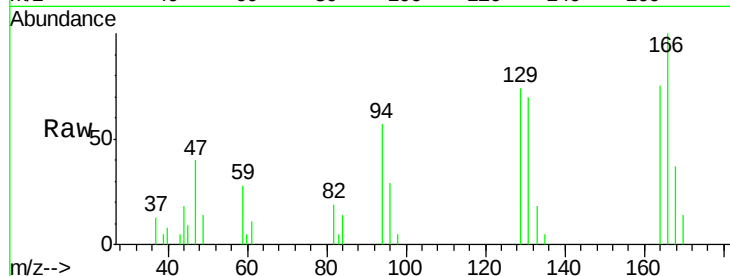
Ion Ratio Lower Upper

164 100

166 132.6 103.4 155.0

129 98.4 81.8 122.6

131 93.3 78.2 117.4

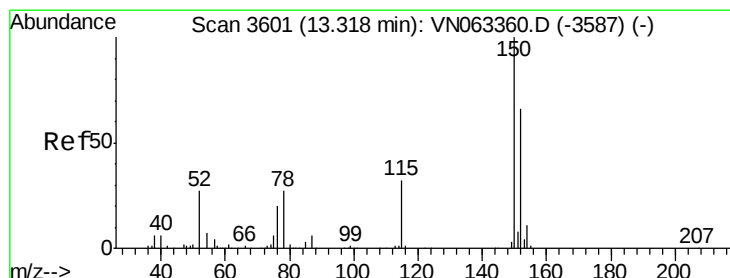
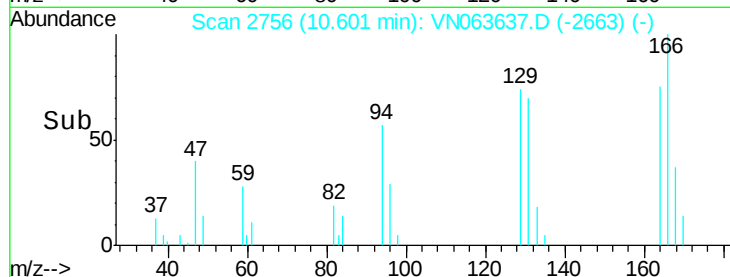
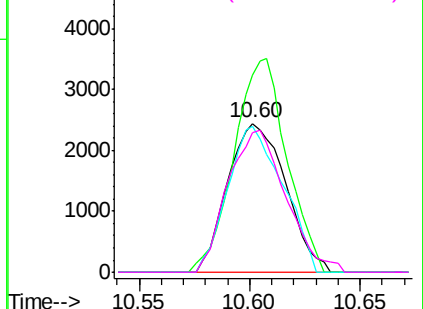


Abundance Ion 163.80 (163.50 to 164.50): V

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# 3601

Delta R.T. -0.00 min

Lab File: VN063637.D

Acq: 24 Sep 2020 18:40

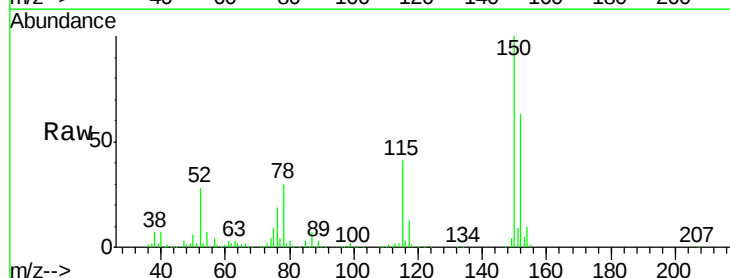
Tgt Ion:152 Resp: 159485

Ion Ratio Lower Upper

152 100

115 63.4 32.2 96.6

150 155.3 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

