

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081219\
 Data File : VN057214.D
 Acq On : 12 Aug 2019 14:49
 Operator : JC/SP
 Sample : K4262-04DL 4X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-19D_080819DL

Quant Time: Aug 13 02:17:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:49:25 2019
 Response via : Initial Calibration

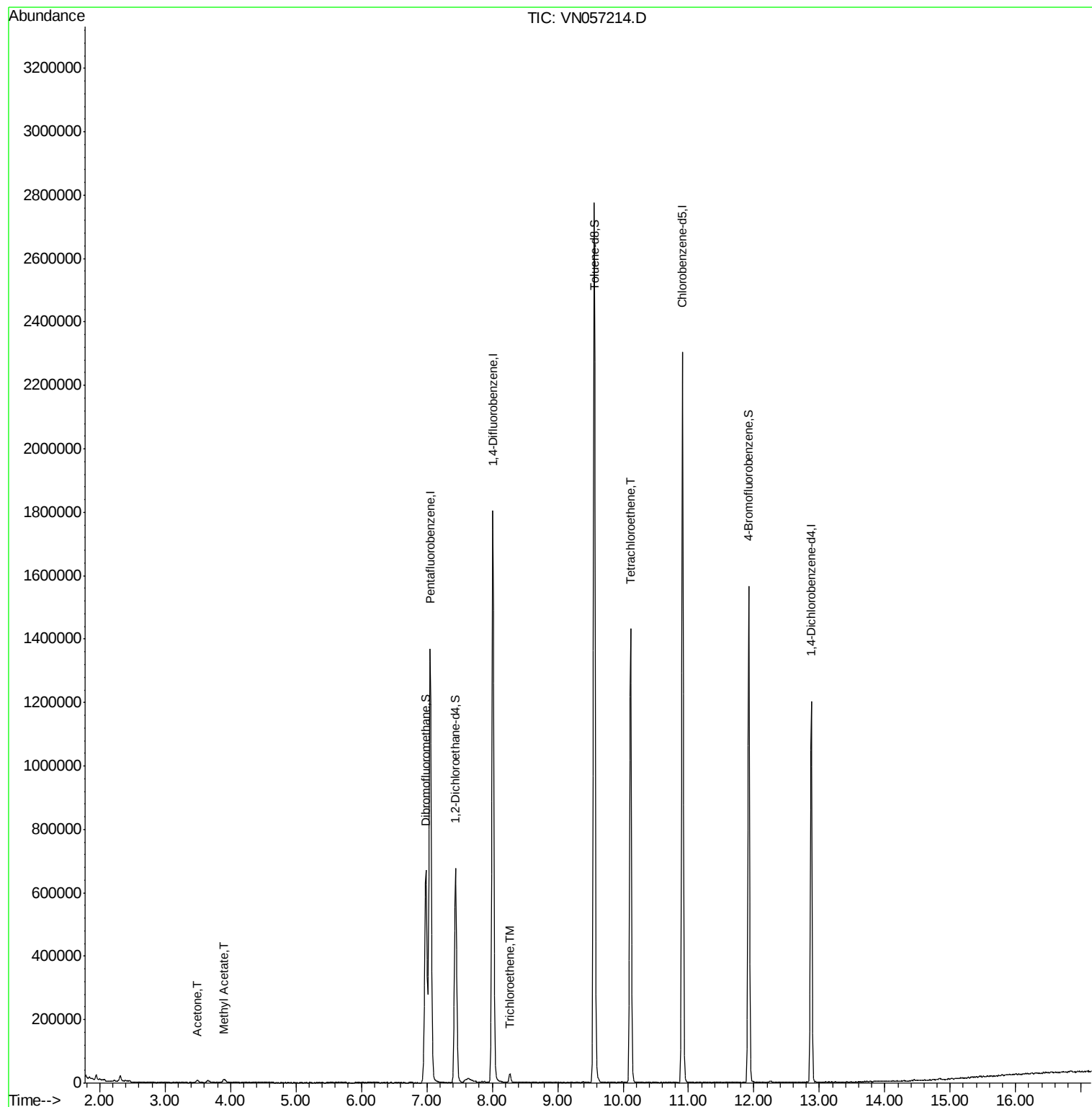
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1305403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1795491	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1481502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	360686	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	600865	44.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.52%	
35) Dibromofluoromethane	6.99	113	547815	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
50) Toluene-d8	9.56	98	2094456	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
62) 4-Bromofluorobenzene	11.92	95	541150	38.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.92%	
Target Compounds						
16) Acetone	3.49	43	7335	1.809	ug/l #	79
18) Methyl Acetate	3.90	43	19617	0.980	ug/l	97
44) Trichloroethene	8.27	130	11772	0.898	ug/l	96
64) Tetrachloroethene	10.11	164	375829	30.504	ug/l	95

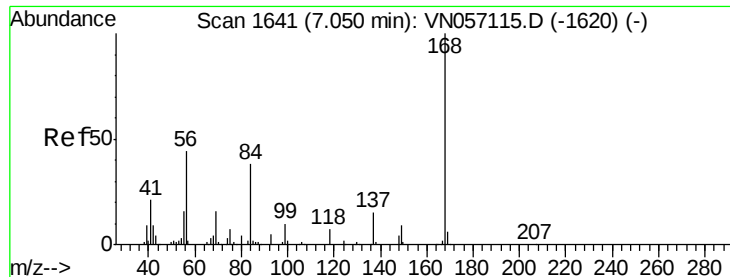
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VN057214.D

Acq: 12 Aug 2019 14:49

Instrument :

MSVOA_N

ClientSampleId :

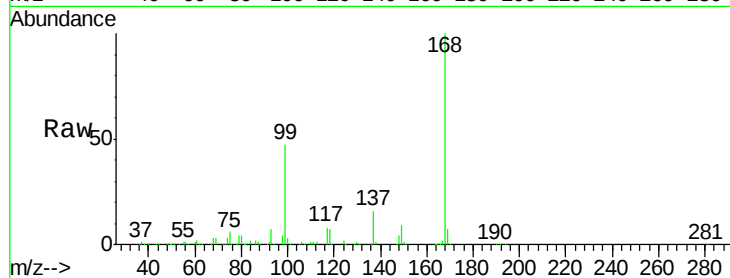
MW-19D_080819DL

Tot Ion:168 Resp: 1305403

Ion Ratio Lower Upper

168 100

99 46.7 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.05

600000

500000

400000

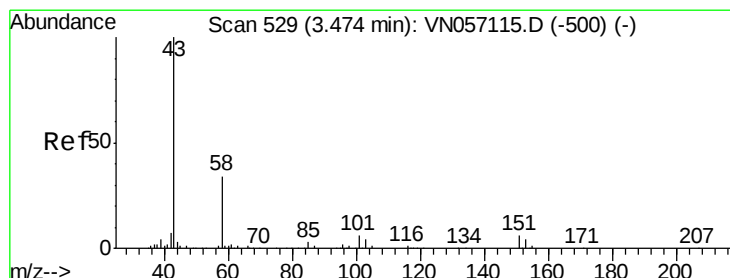
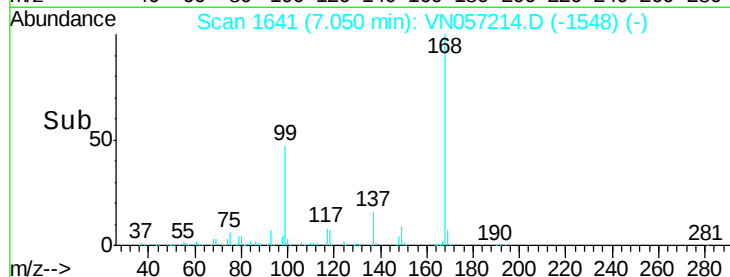
300000

200000

100000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 1.809 ug/l

RT: 3.49 min Scan# 534

Delta R.T. 0.02 min

Lab File: VN057214.D

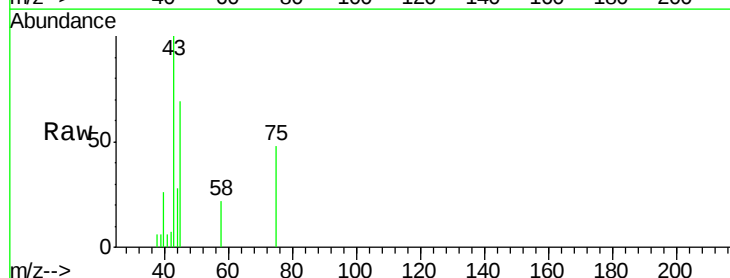
Acq: 12 Aug 2019 14:49

Tgt Ion: 43 Resp: 7335

Ion Ratio Lower Upper

43 100

58 22.4 27.4 41.2#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.49

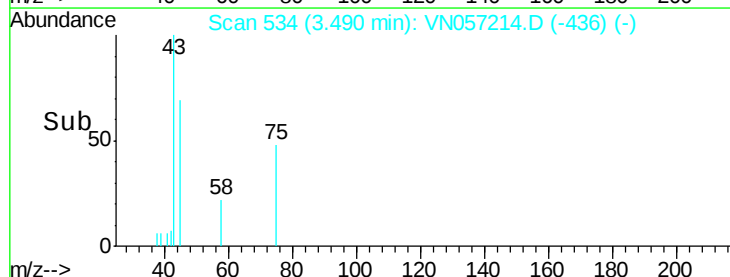
3000

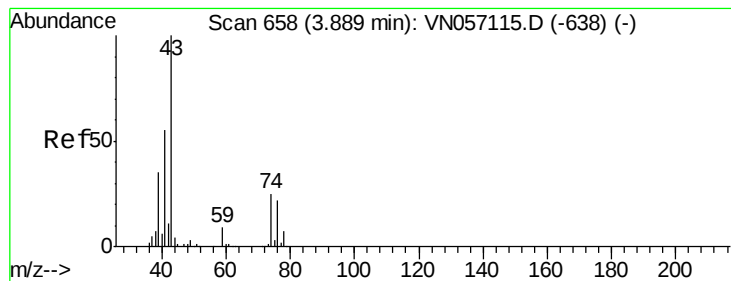
2000

1000

0

Time--> 3.40 3.45 3.50 3.55





#18

Methvl Acetate

Concen: 0.980 ug/l

RT: 3.90 min Scan# 660

Delta R.T. 0.01 min

Lab File: VN057214.D

Acq: 12 Aug 2019 14:49

Instrument :

MSVOA_N

ClientSampleId :

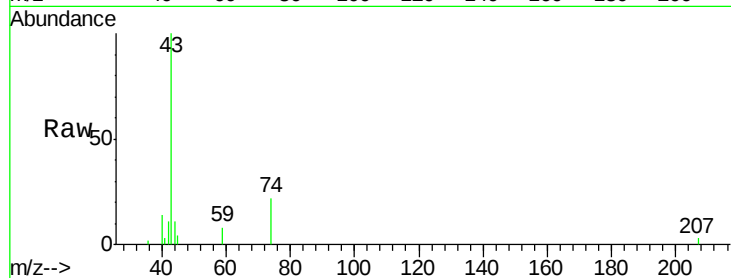
MW-19D_080819DL

Tot Ion: 43 Resp: 19617

Ion Ratio Lower Upper

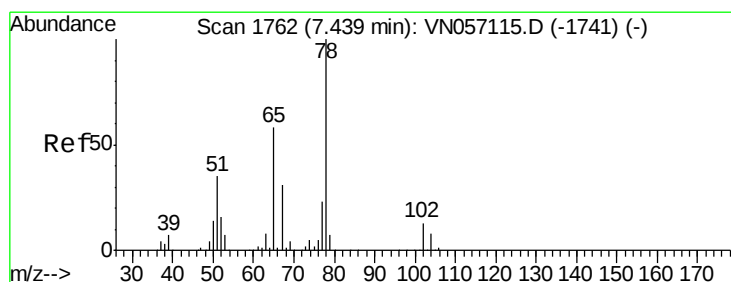
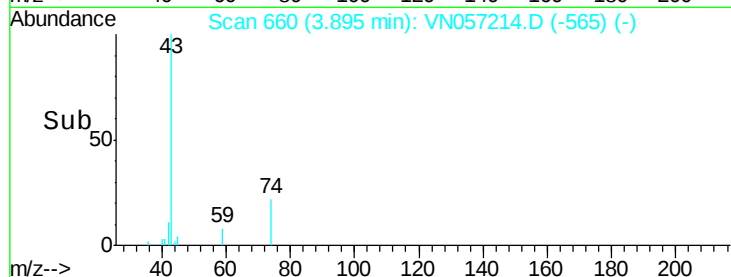
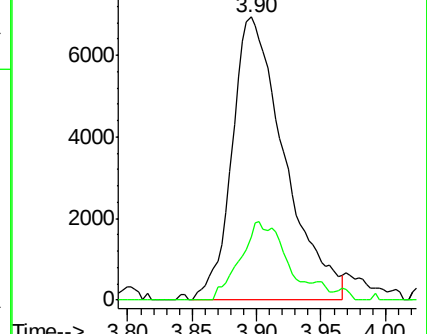
43 100

74 23.6 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 44.757 ug/l

RT: 7.44 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VN057214.D

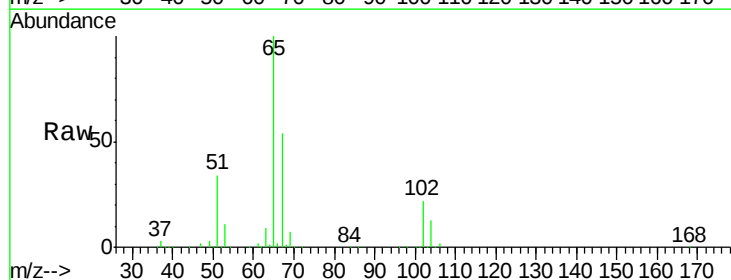
Acq: 12 Aug 2019 14:49

Tgt Ion: 65 Resp: 600865

Ion Ratio Lower Upper

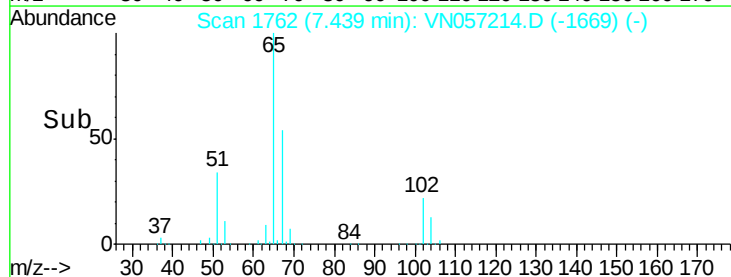
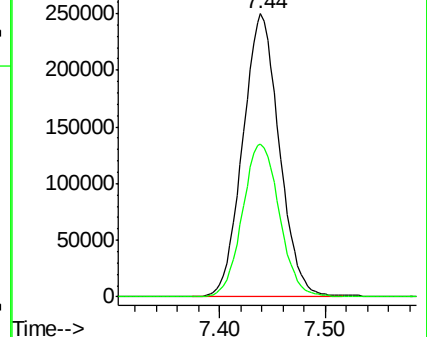
65 100

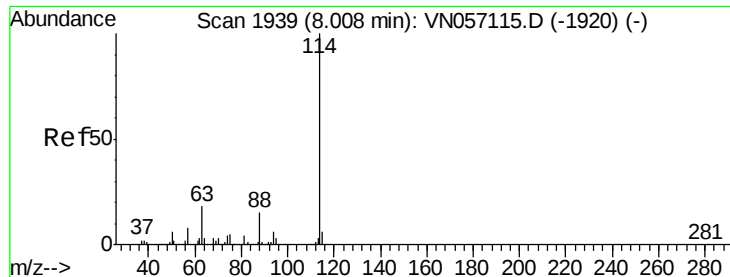
67 54.7 0.0 108.2



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: 8.01 min Scan# 1939

Delta R.T. -0.00 min

Lab File: VN057214.D

Acq: 12 Aug 2019 14:49

Instrument :

MSVOA_N

ClientSampleId :

MW-19D_080819DL

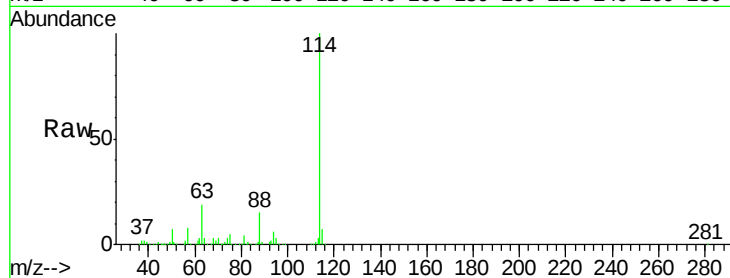
Tot Ion:114 Resp: 1795491

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.2

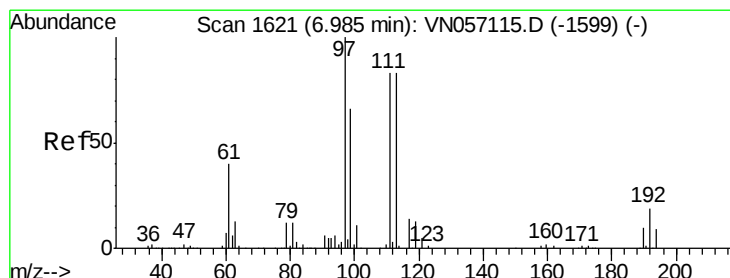
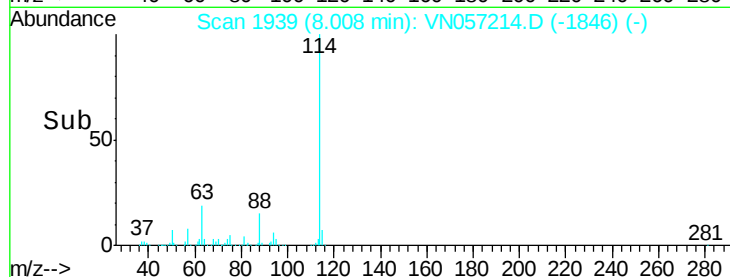
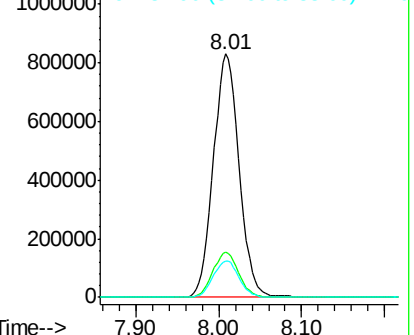
88 15.1 0.0 30.0



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: 48.621 ug/l

RT: 6.99 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VN057214.D

Acq: 12 Aug 2019 14:49

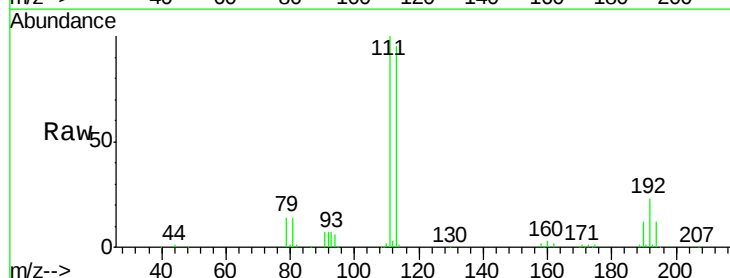
Tgt Ion:113 Resp: 547815

Ion Ratio Lower Upper

113 100

111 102.5 81.3 121.9

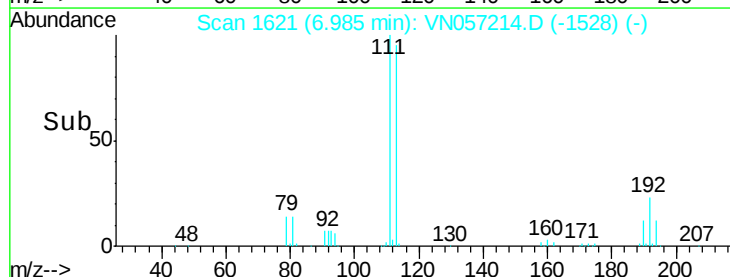
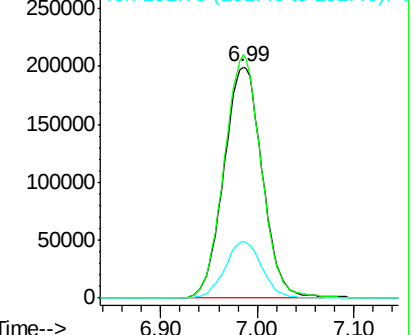
192 23.6 19.0 28.4

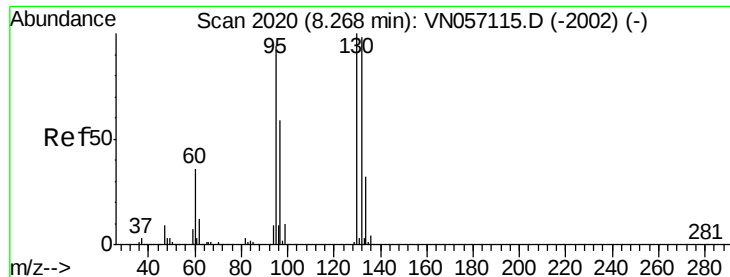


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.898 ug/l

RT: 8.27 min Scan# 2021

Delta R.T. 0.00 min

Lab File: VN057214.D

Acq: 12 Aug 2019 14:49

Instrument :

MSVOA_N

ClientSampleId :

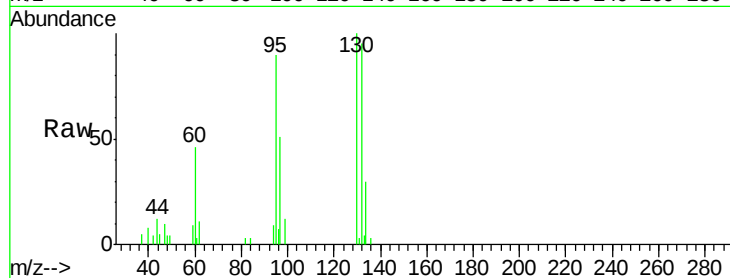
MW-19D_080819DL

Tot Ion:130 Resp: 11772

Ion Ratio Lower Upper

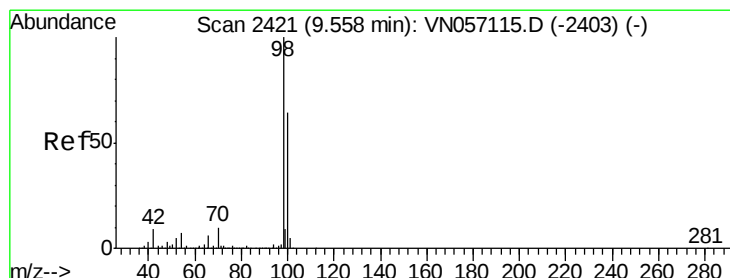
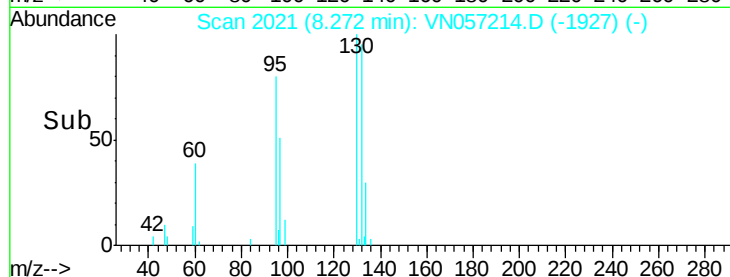
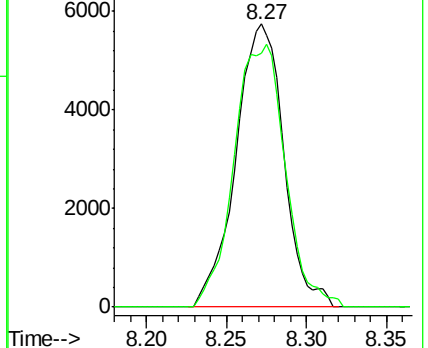
130 100

95 89.7 0.0 187.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VNO



#50

Toluene-d8

Concen: 48.589 ug/l

RT: 9.56 min Scan# 2422

Delta R.T. 0.00 min

Lab File: VN057214.D

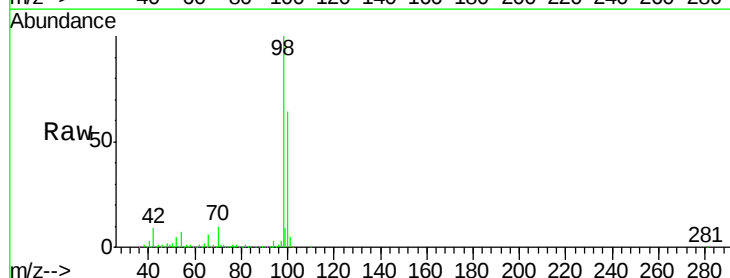
Acq: 12 Aug 2019 14:49

Tgt Ion: 98 Resp: 2094456

Ion Ratio Lower Upper

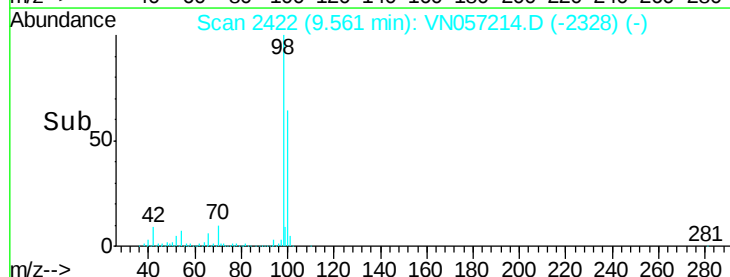
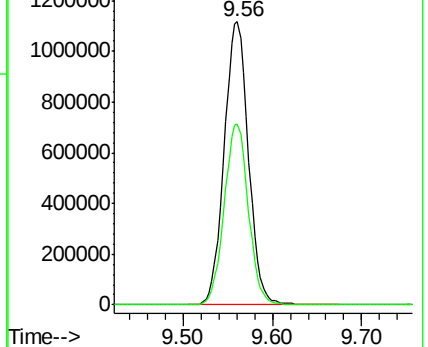
98 100

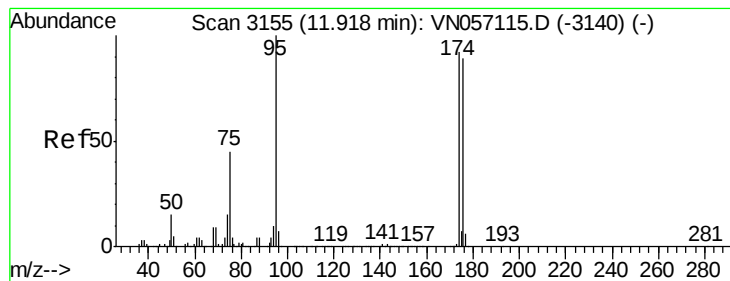
100 63.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VNO

Ion 100.00 (99.70 to 100.70): VNO





#62

4-Bromofluorobenzene

Concen: 38.963 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN057214.D

Acq: 12 Aug 2019 14:49

Instrument :

MSVOA_N

ClientSampleId :

MW-19D_080819DL

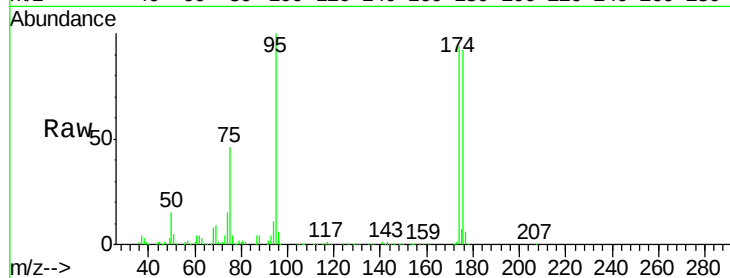
Tot Ion: 95 Resp: 541150

Ion Ratio Lower Upper

95 100

174 95.4 0.0 185.0

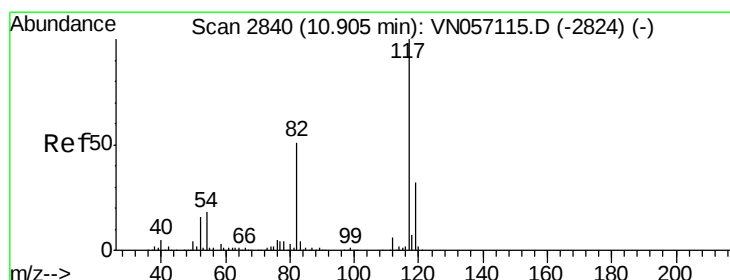
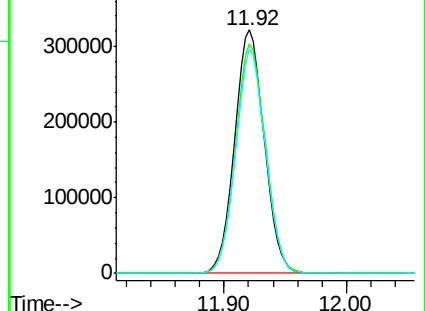
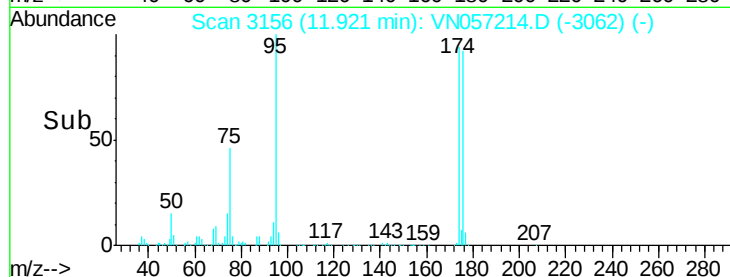
176 92.9 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VN057214.D (-3062) (-)

Ion 173.80 (173.50 to 174.50): VN057214.D (-3062) (-)

Ion 175.80 (175.50 to 176.50): VN057214.D (-3062) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.91 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN057214.D

Acq: 12 Aug 2019 14:49

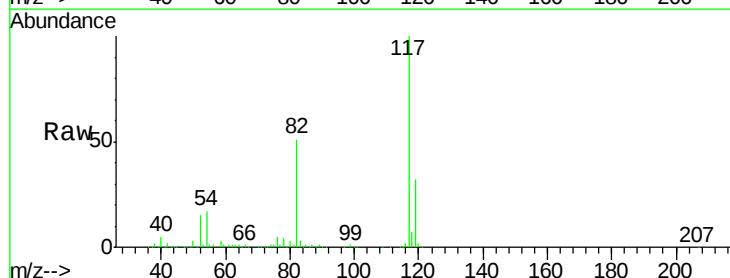
Tgt Ion: 117 Resp: 1481502

Ion Ratio Lower Upper

117 100

82 51.3 40.8 61.2

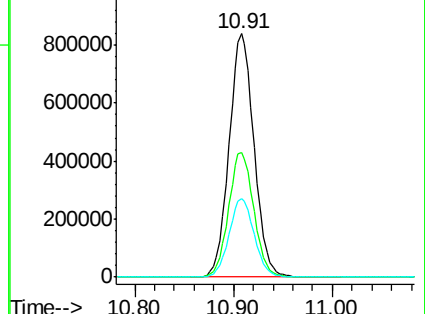
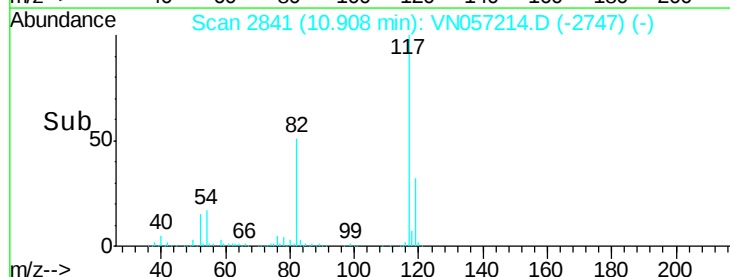
119 32.2 25.7 38.5

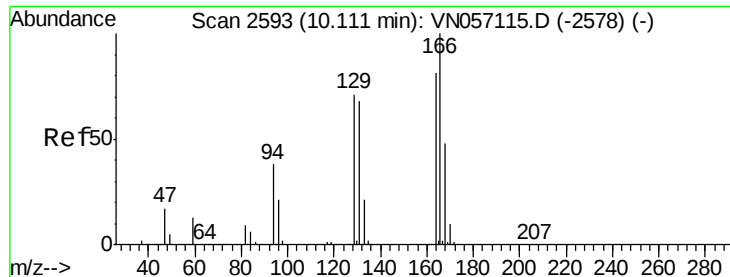


Abundance Ion 116.90 (116.60 to 117.60): VN057214.D (-2747) (-)

Ion 82.00 (81.70 to 82.70): VN057214.D (-2747) (-)

Ion 118.90 (118.60 to 119.60): VN057214.D (-2747) (-)





#64

Tetrachloroethene

Concen: 30.504 ug/l

RT: 10.11 min Scan# 2594

Delta R.T. 0.00 min

Lab File: VN057214.D

Acq: 12 Aug 2019 14:49

Instrument :

MSVOA_N

ClientSampleId :

MW-19D_080819DL

Tot Ion:164 Resp: 375829

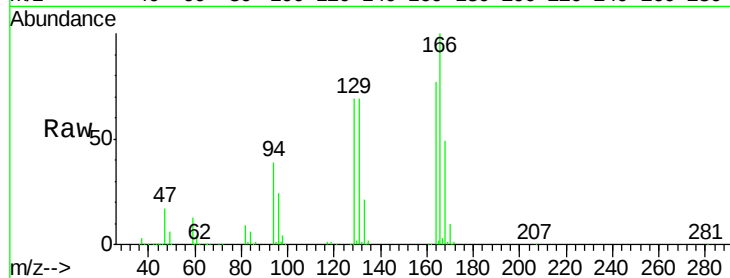
Ion Ratio Lower Upper

164 100

166 129.8 98.3 147.5

129 89.3 69.8 104.6

131 89.1 66.8 100.2

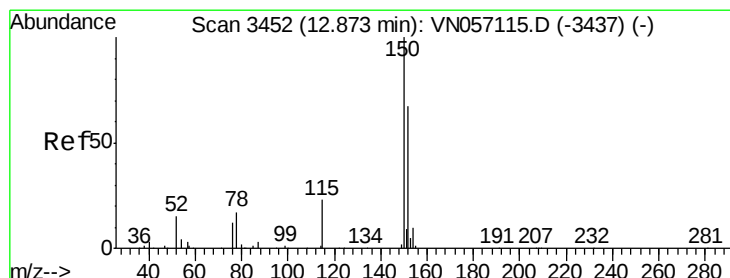
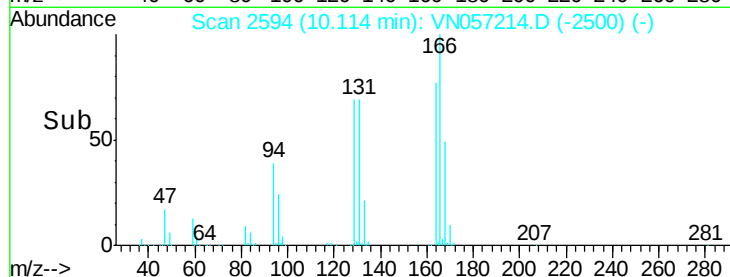
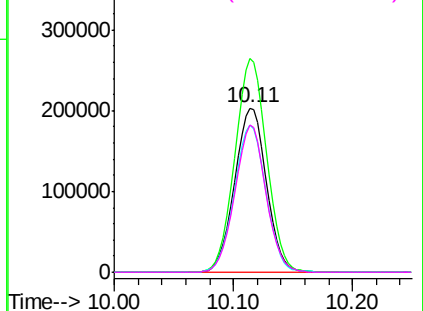


Abundance Ion 163.80 (163.50 to 164.50): V

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: 12.88 min Scan# 3453

Delta R.T. 0.00 min

Lab File: VN057214.D

Acq: 12 Aug 2019 14:49

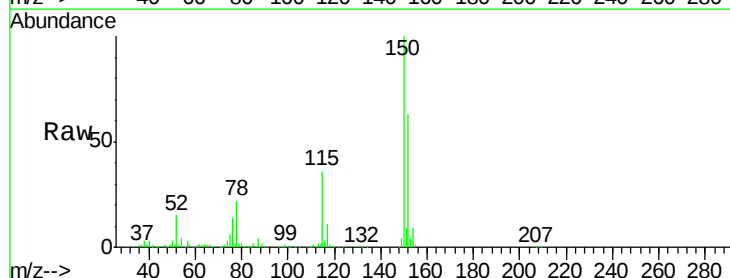
Tgt Ion:152 Resp: 360686

Ion Ratio Lower Upper

152 100

115 55.4 27.5 82.5

150 160.1 0.0 341.6



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

