

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080919\
 Data File : VN057150.D
 Acq On : 9 Aug 2019 16:38
 Operator : JC/SP
 Sample : K4262-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-19D_080819

Quant Time: Aug 10 07:59:24 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

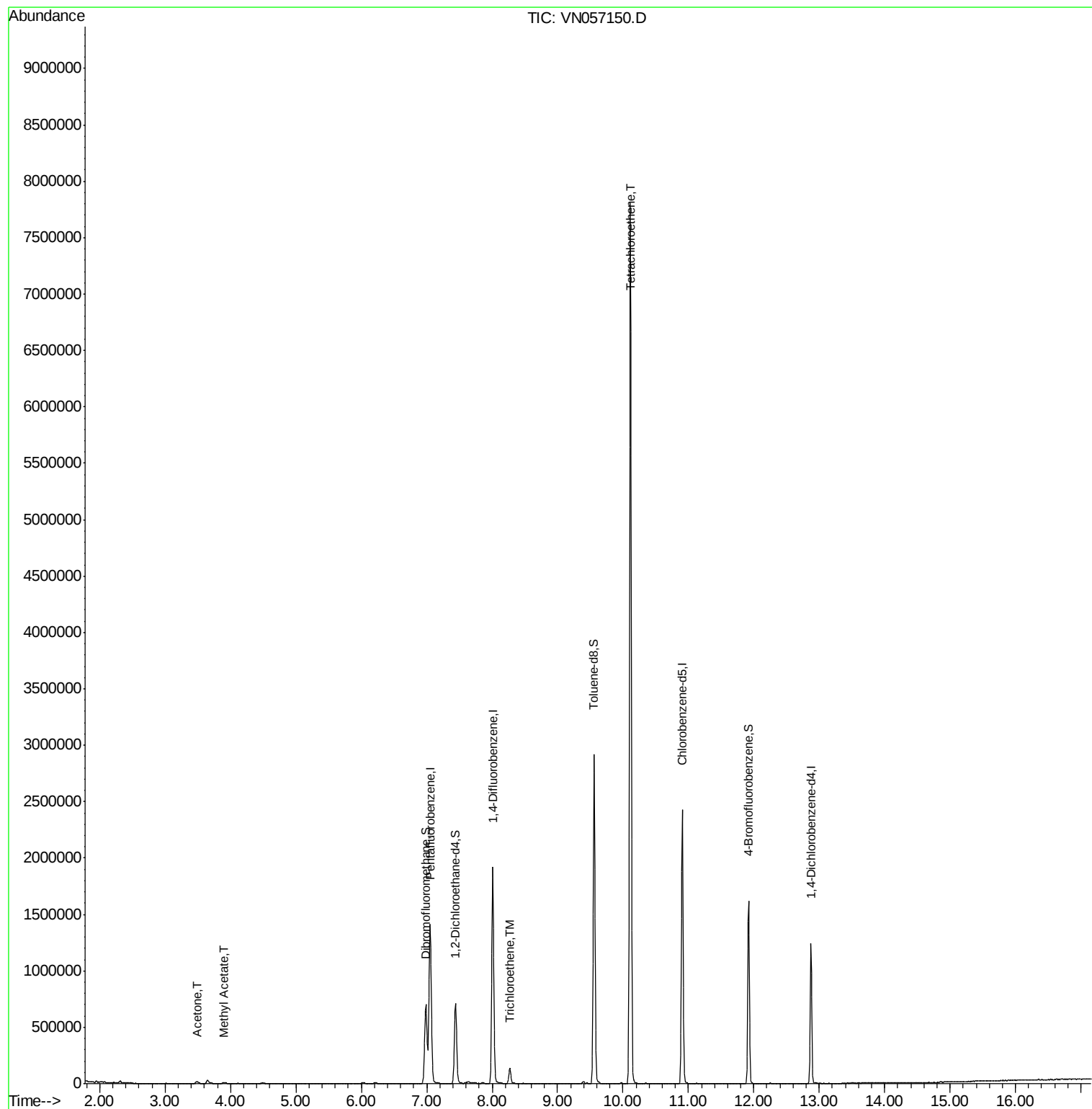
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1369616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1912944	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1561749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	375179	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	629585	44.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.40%	
35) Dibromofluoromethane	6.99	113	568415	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.70%	
50) Toluene-d8	9.56	98	2206681	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
62) 4-Bromofluorobenzene	11.92	95	567831	38.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.74%	
Target Compounds						
16) Acetone	3.48	43	24209	5.691	ug/l	95
18) Methyl Acetate	3.90	43	16311	0.638	ug/l	99
44) Trichloroethene	8.27	130	58232	4.169	ug/l	97
64) Tetrachloroethene	10.11	164	2046365	157.556	ug/l	96

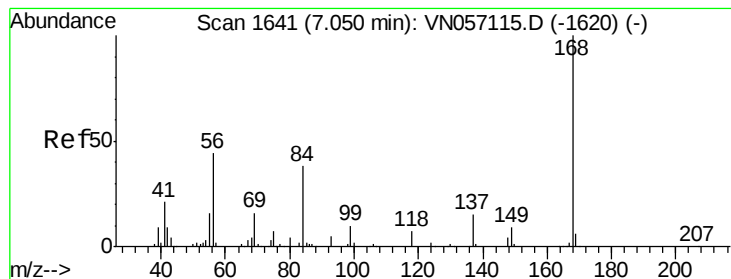
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:49:25 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. 0.00 min

Lab File: VN057150.D

Acq: 9 Aug 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

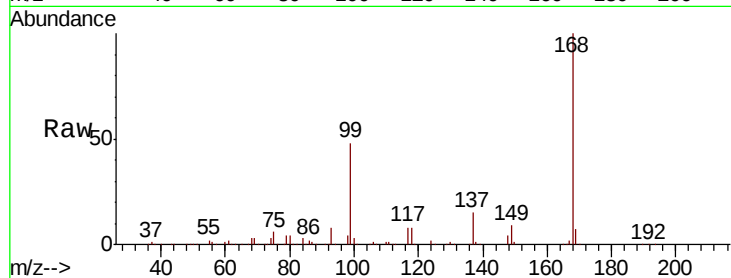
MW-19D_080819

Tot Ion:168 Resp: 1369616

Ion Ratio Lower Upper

168 100

99 48.5 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): VN057115.D (-1620) (-)

Ion 98.90 (98.60 to 99.60): VN057115.D (-1620) (-)

7.05

600000

500000

400000

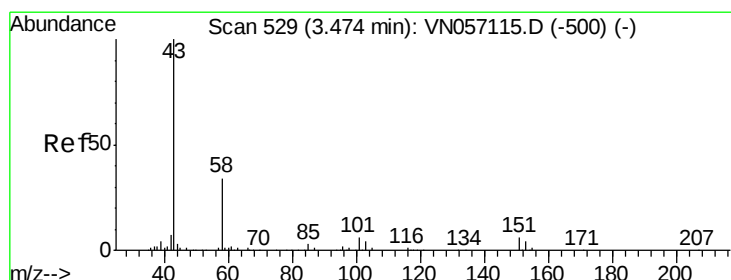
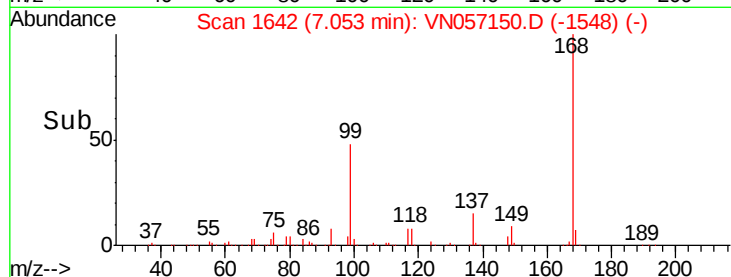
300000

200000

100000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 5.691 ug/l

RT: 3.48 min Scan# 531

Delta R.T. 0.01 min

Lab File: VN057150.D

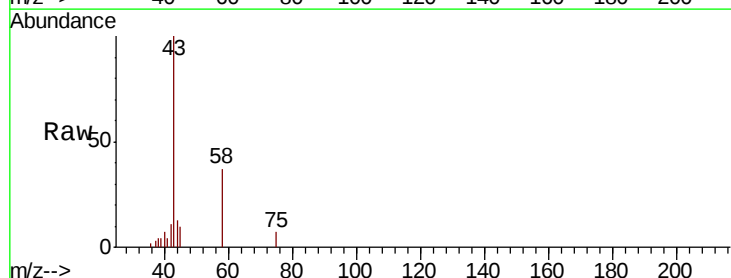
Acq: 9 Aug 2019 16:38

Tgt Ion: 43 Resp: 24209

Ion Ratio Lower Upper

43 100

58 37.1 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VN057115.D (-500) (-)

Ion 58.00 (57.70 to 58.70): VN057115.D (-500) (-)

3.48

10000

8000

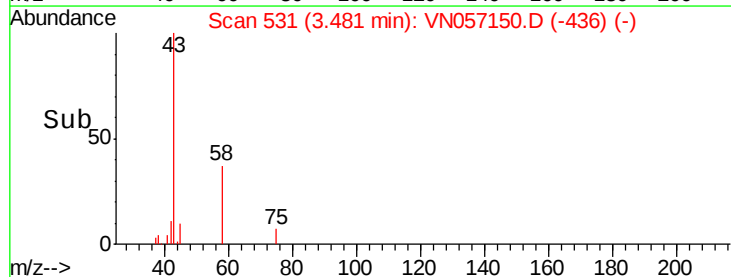
6000

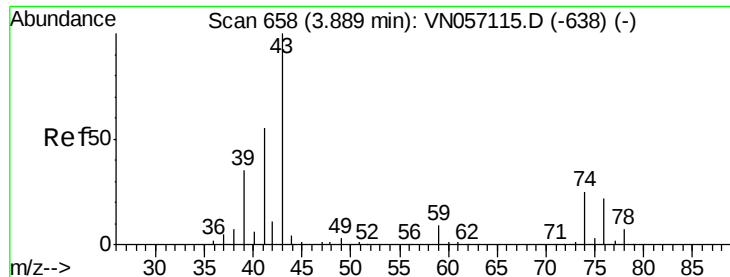
4000

2000

0

Time--> 3.40 3.45 3.50 3.55

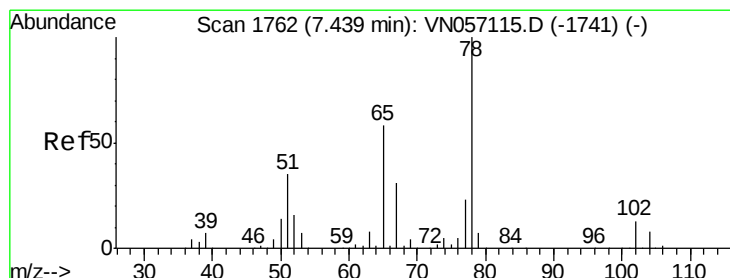
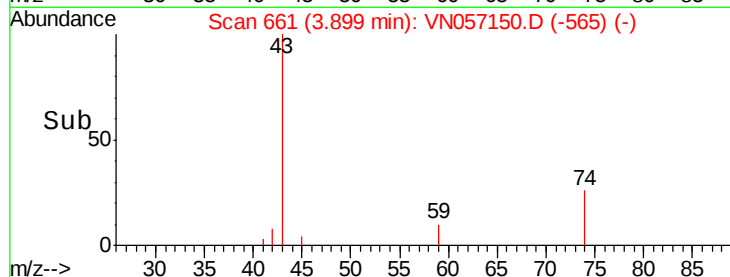
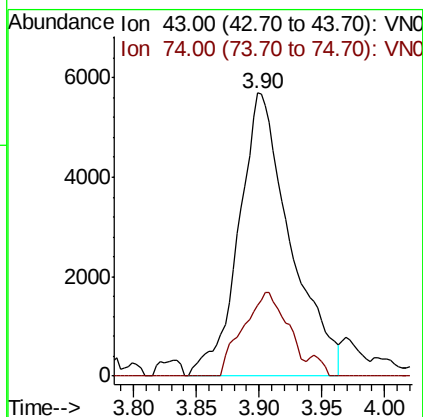
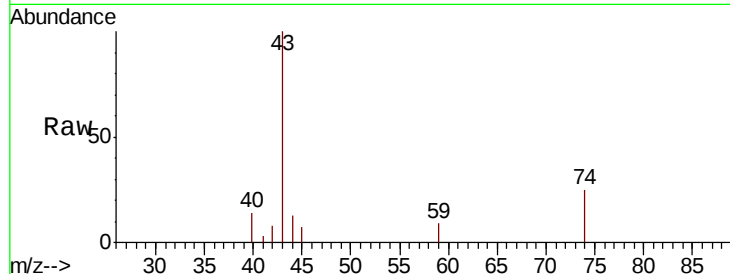




#18
Methvl Acetate
Concen: 0.638 ug/l
RT: 3.90 min Scan# 661
Delta R.T. 0.01 min
Lab File: VN057150.D
Acq: 9 Aug 2019 16:38

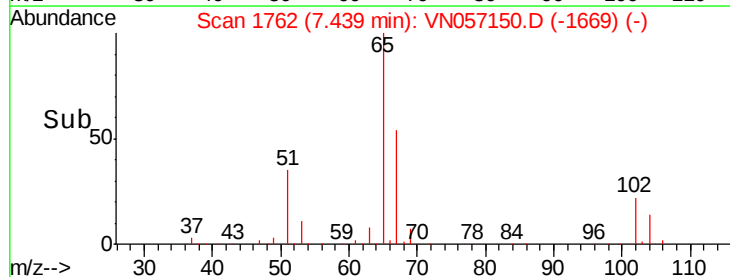
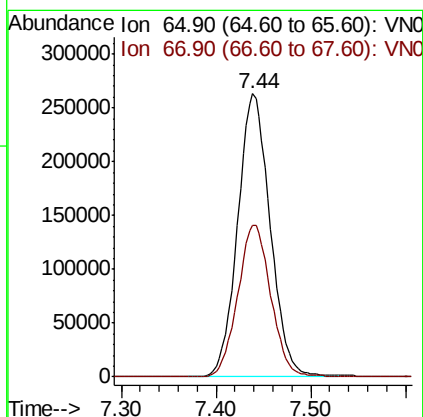
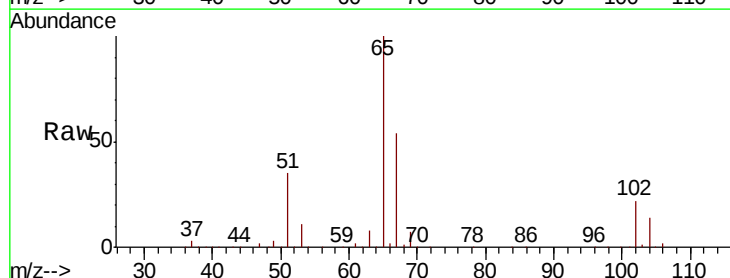
Instrument :
MSVOA_N
ClientSampleId :
MW-19D_080819

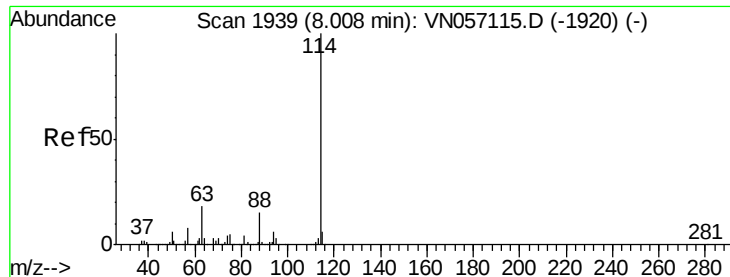
Tot Ion: 43 Resp: 16311
Ion Ratio Lower Upper
43 100
74 25.6 20.2 30.4



#33
1,2-Dichloroethane-d4
Concen: 44.697 ug/l
RT: 7.44 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VN057150.D
Acq: 9 Aug 2019 16:38

Tgt Ion: 65 Resp: 629585
Ion Ratio Lower Upper
65 100
67 54.5 0.0 108.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. -0.00 min

Lab File: VN057150.D

Acq: 9 Aug 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

MW-19D_080819

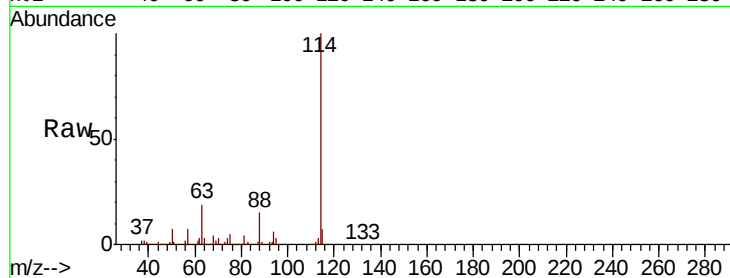
Tot Ion:114 Resp: 1912944

Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.2

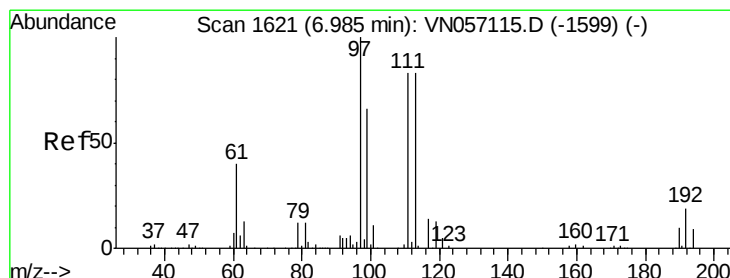
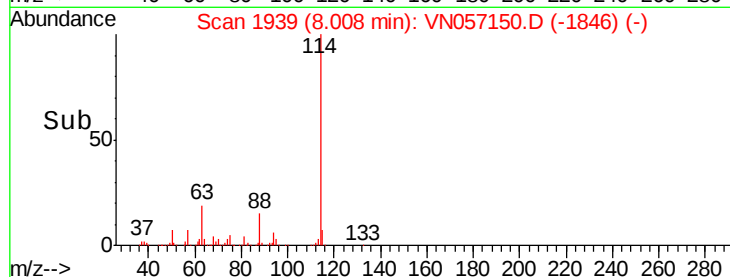
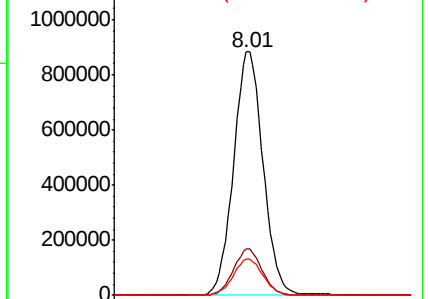
88 15.0 0.0 30.0



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: 47.352 ug/l

RT: 6.99 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VN057150.D

Acq: 9 Aug 2019 16:38

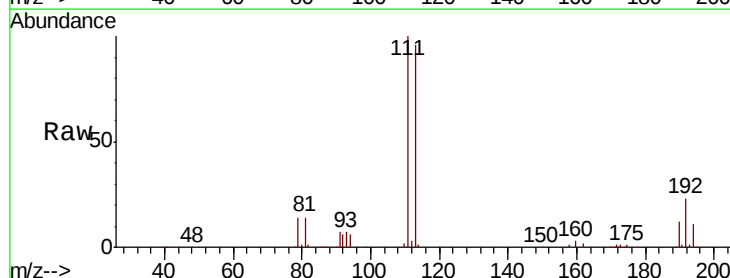
Tgt Ion:113 Resp: 568415

Ion Ratio Lower Upper

113 100

111 103.6 81.3 121.9

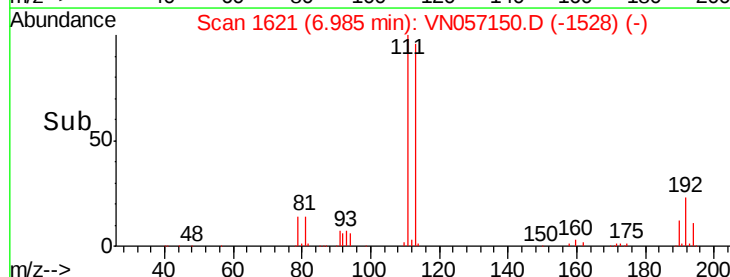
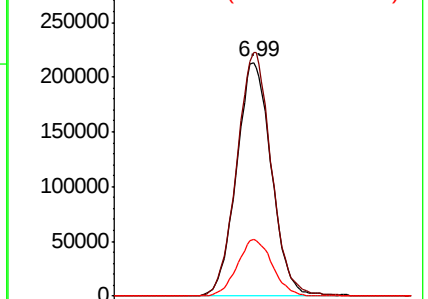
192 24.4 19.0 28.4

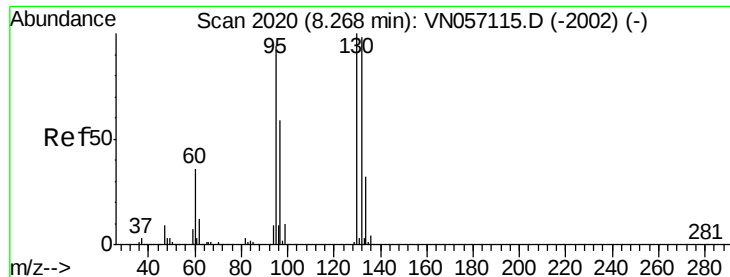


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 4.169 ug/l

RT: 8.27 min Scan# 2021

Delta R.T. 0.00 min

Lab File: VN057150.D

Acq: 9 Aug 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

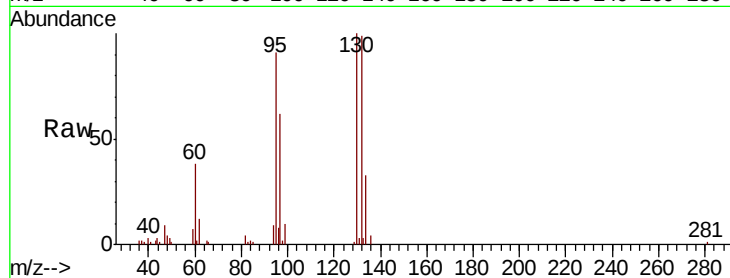
MW-19D_080819

Tot Ion:130 Resp: 58232

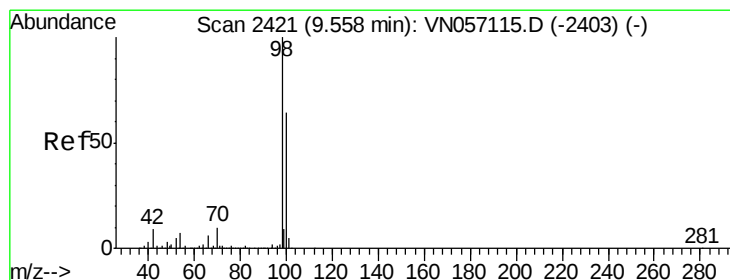
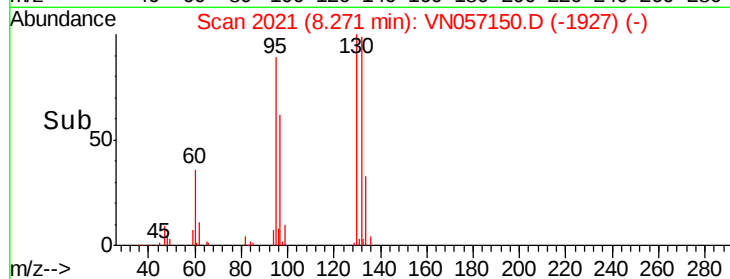
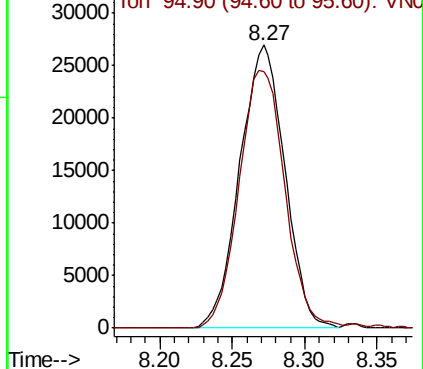
Ion Ratio Lower Upper

130 100

95 90.7 0.0 187.4



Abundance Ion 129.80 (129.50 to 130.50): VN057115.D (-2002) (-)



#50

Toluene-d8

Concen: 48.049 ug/l

RT: 9.56 min Scan# 2421

Delta R.T. -0.00 min

Lab File: VN057150.D

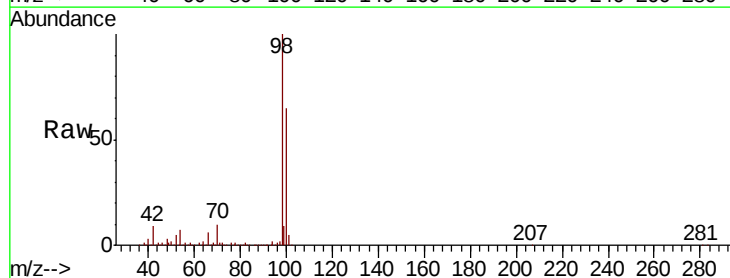
Acq: 9 Aug 2019 16:38

Tgt Ion: 98 Resp: 2206681

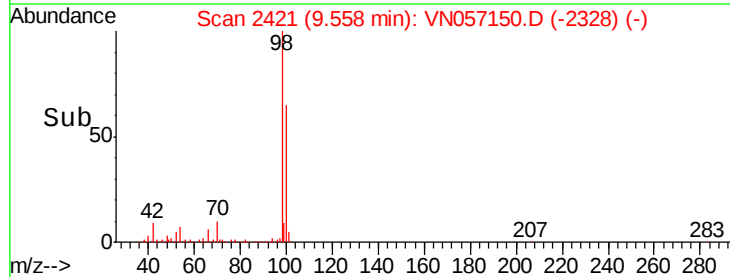
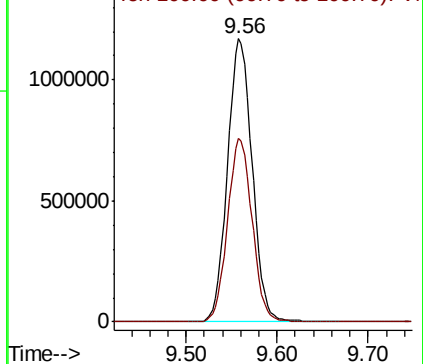
Ion Ratio Lower Upper

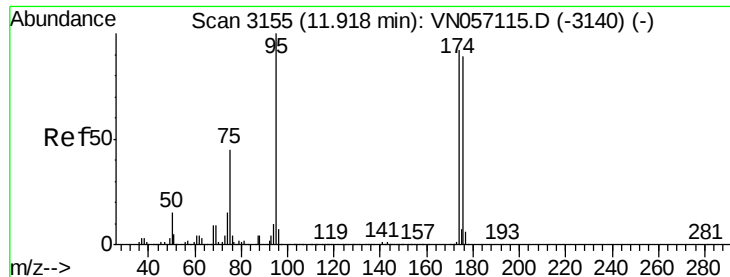
98 100

100 64.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN057115.D (-2403) (-)





#62

4-Bromofluorobenzene

Concen: 38.373 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN057150.D

Acq: 9 Aug 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

MW-19D_080819

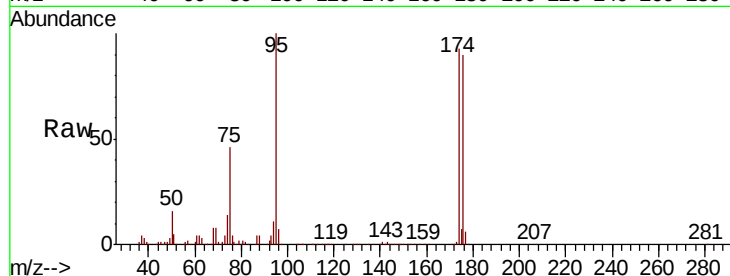
Tot Ion: 95 Resp: 567831

Ion Ratio Lower Upper

95 100

174 92.8 0.0 185.0

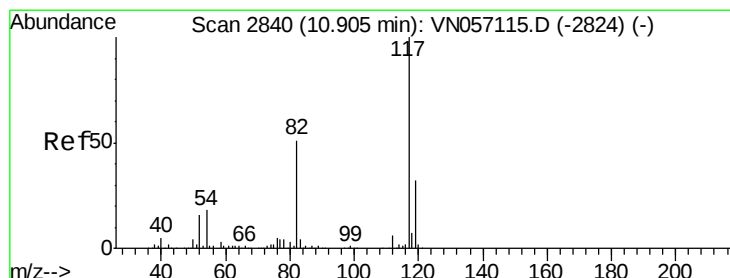
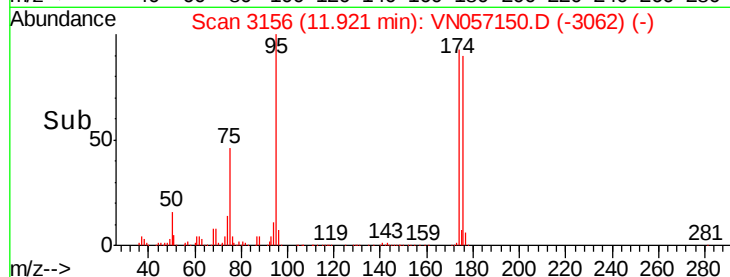
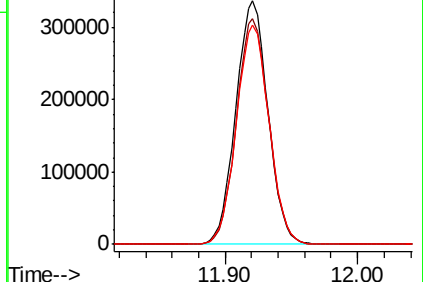
176 91.5 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VN057115.D (-3140) (-)

Ion 173.80 (173.50 to 174.50): VN057115.D (-3140) (-)

Ion 175.80 (175.50 to 176.50): VN057115.D (-3140) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.91 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN057150.D

Acq: 9 Aug 2019 16:38

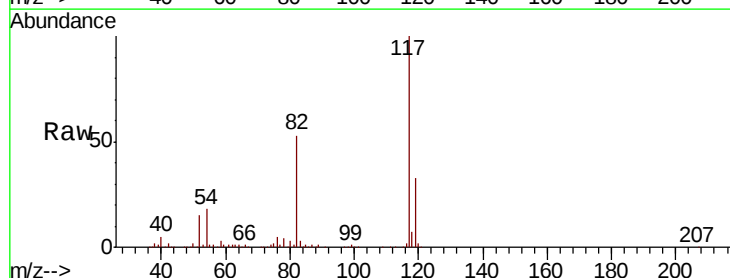
Tgt Ion: 117 Resp: 1561749

Ion Ratio Lower Upper

117 100

82 52.7 40.8 61.2

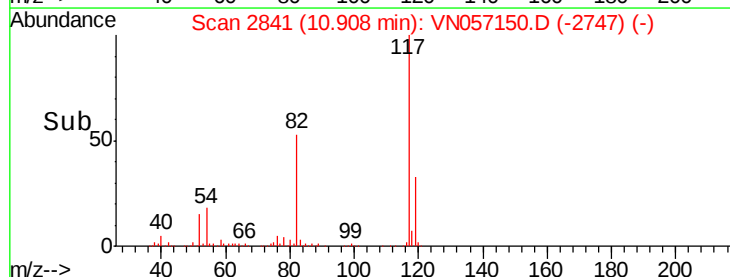
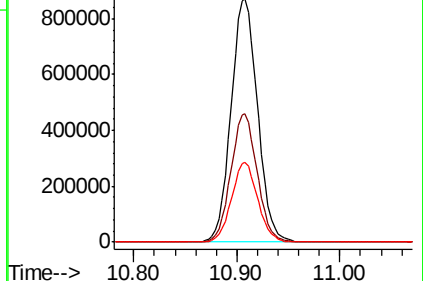
119 32.9 25.7 38.5

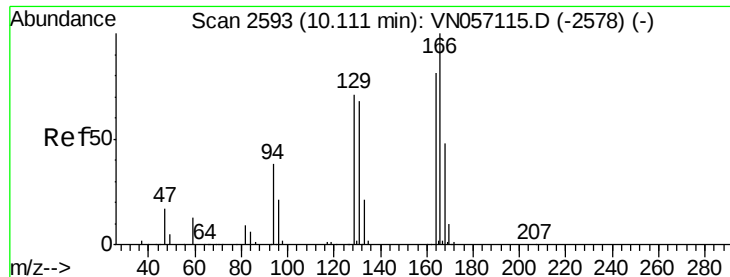


Abundance Ion 116.90 (116.60 to 117.60): VN057115.D (-2824) (-)

Ion 82.00 (81.70 to 82.70): VN057115.D (-2824) (-)

Ion 118.90 (118.60 to 119.60): VN057115.D (-2824) (-)





#64

Tetrachloroethene

Concen: 157.556 ug/l

RT: 10.11 min Scan# 2594

Delta R.T. 0.00 min

Lab File: VN057150.D

Acq: 9 Aug 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

MW-19D_080819

Tot Ion:164 Resp: 2046365

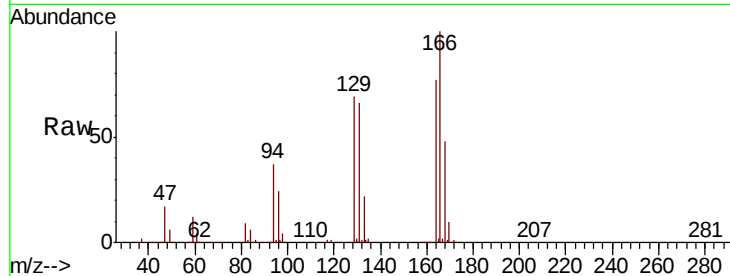
Ion Ratio Lower Upper

164 100

166 130.0 98.3 147.5

129 89.7 69.8 104.6

131 86.1 66.8 100.2

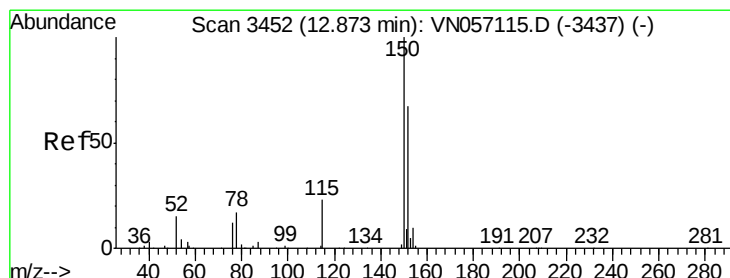
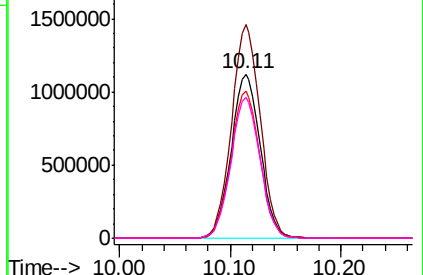
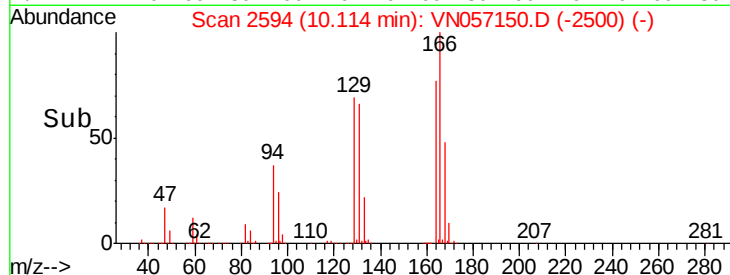


Abundance Ion 163.80 (163.50 to 164.50): V

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: VN057150.D

Acq: 9 Aug 2019 16:38

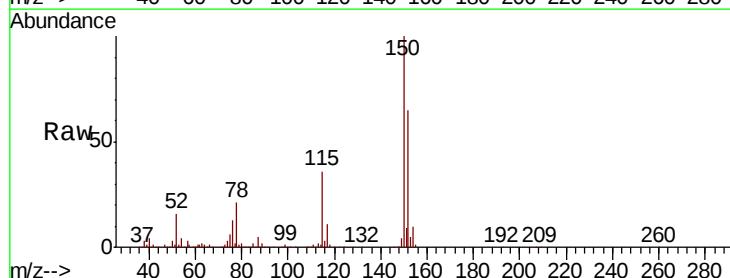
Tgt Ion:152 Resp: 375179

Ion Ratio Lower Upper

152 100

115 56.1 27.5 82.5

150 155.8 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

