

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055522.D
 Acq On : 10 May 2019 2:29
 Operator : JC/SP
 Sample : K2758-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CKMW-19

Quant Time: May 10 13:52:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 04:17:44 2019
 Response via : Initial Calibration

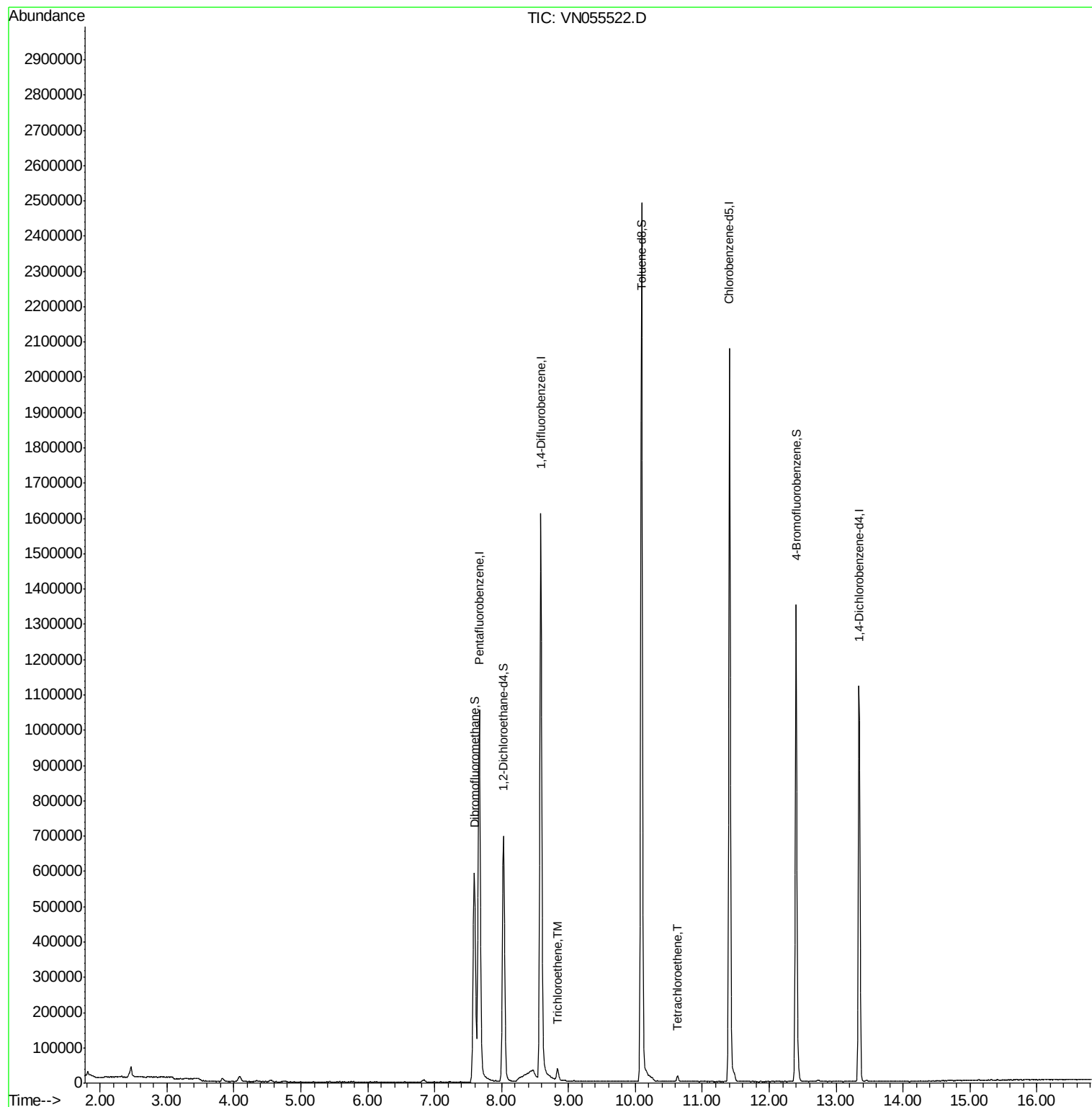
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	888211	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1482833	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1227078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	317912	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	597995	44.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.44%	
35) Dibromofluoromethane	7.59	113	466393	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
50) Toluene-d8	10.09	98	1807025	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
62) 4-Bromofluorobenzene	12.40	95	499684	39.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.52%	
Target Compounds						
44) Trichloroethene	8.83	130	11192	1.037	ug/l	99
64) Tetrachloroethene	10.63	164	3751	0.373	ug/l	93

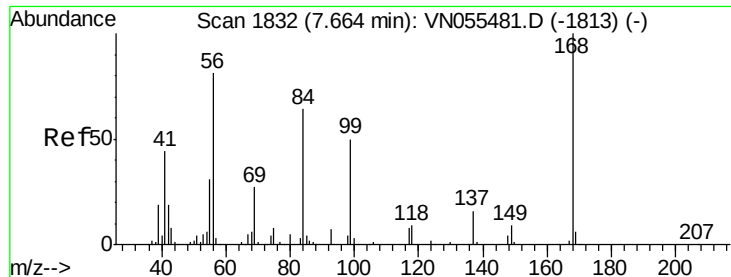
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055522.D

Acq: 10 May 2019 2:29

Instrument :

MSVOA_N

ClientSampleId :

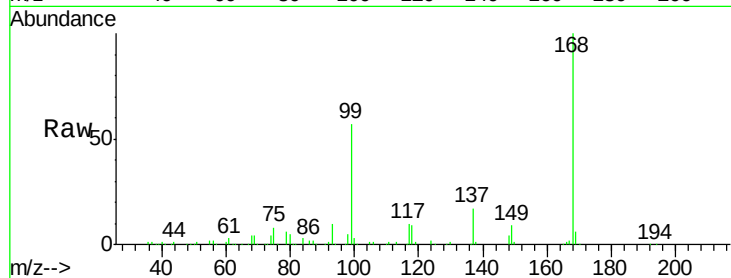
CKMW-19

Tot Ion:168 Resp: 888211

Ion Ratio Lower Upper

168 100

99 57.3 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

300000

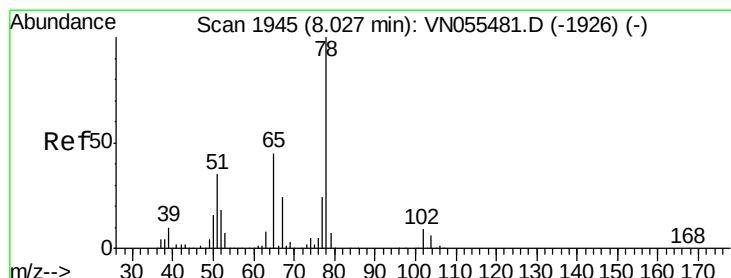
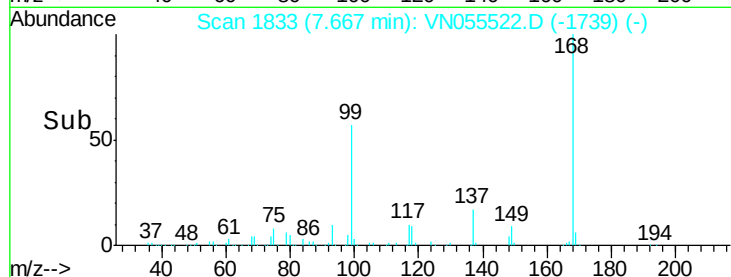
200000

100000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 44.715 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN055522.D

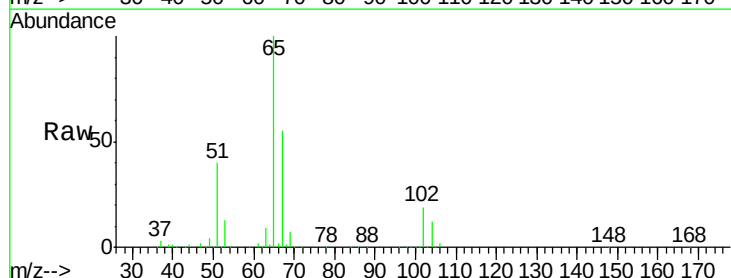
Acq: 10 May 2019 2:29

Tgt Ion: 65 Resp: 597995

Ion Ratio Lower Upper

65 100

67 55.0 0.0 109.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

300000

250000

200000

150000

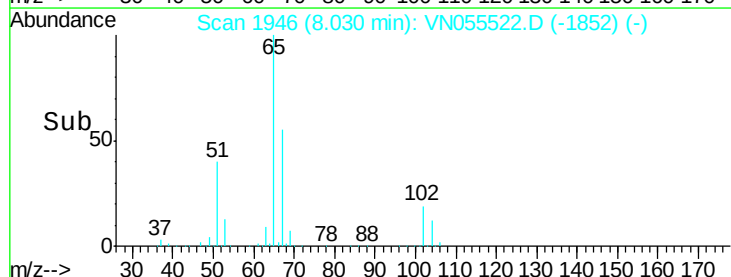
100000

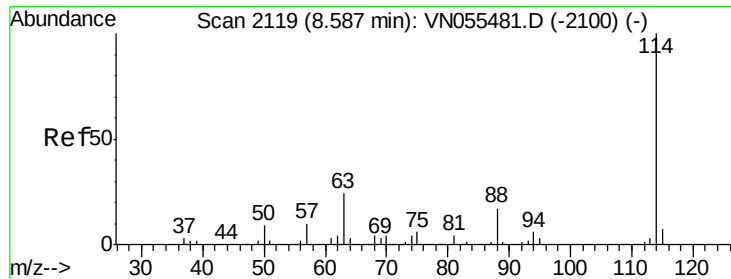
50000

0

7.90 8.00 8.10 8.20

Time-->

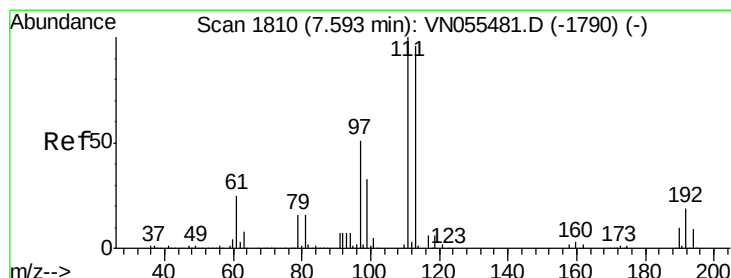
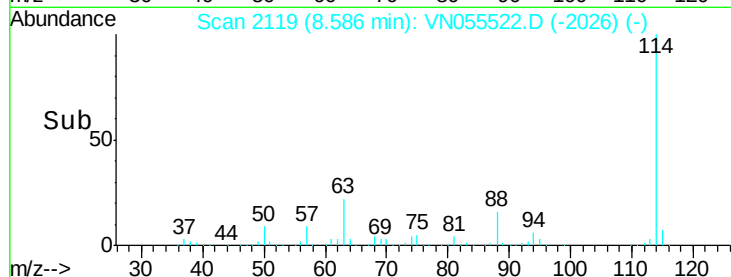
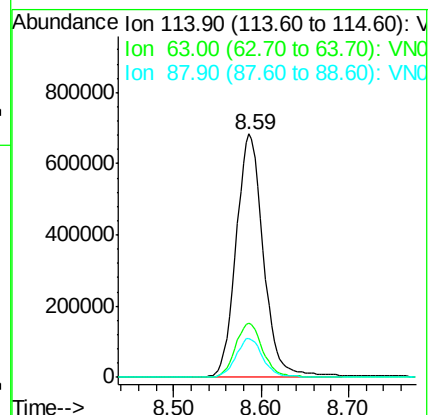
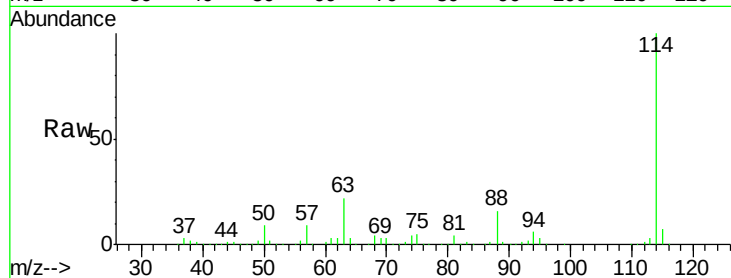




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN055522.D
Acq: 10 May 2019 2:29

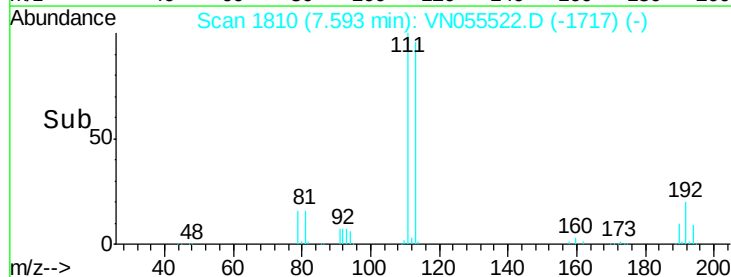
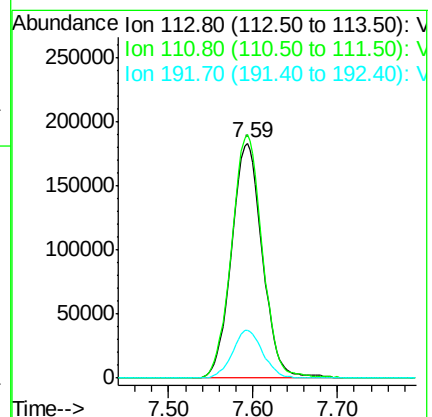
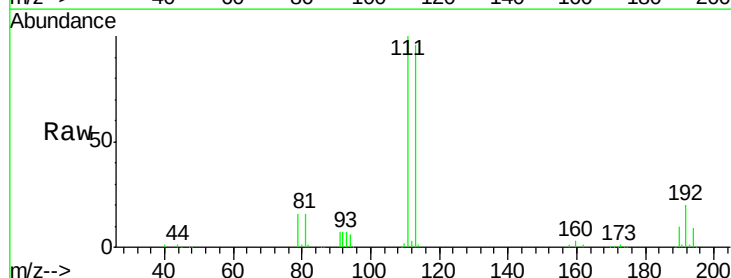
Instrument :
MSVOA_N
ClientSampleId :
CKMW-19

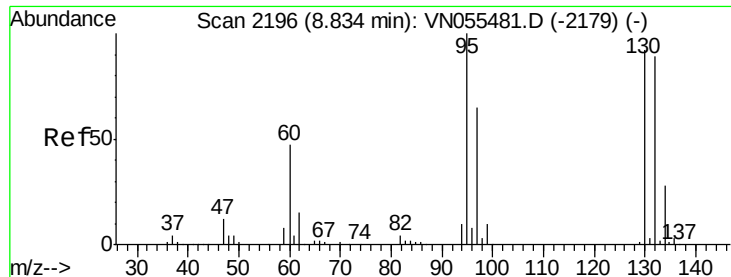
Tot Ion:114 Resp: 1482833
Ion Ratio Lower Upper
114 100
63 22.2 0.0 47.4
88 16.2 0.0 34.0



#35
Dibromofluoromethane
Concen: 48.758 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN055522.D
Acq: 10 May 2019 2:29

Tgt Ion:113 Resp: 466393
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 20.0 15.6 23.4





#44

Trichloroethene

Concen: 1.037 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN055522.D

Acq: 10 May 2019 2:29

Instrument :

MSVOA_N

ClientSampleId :

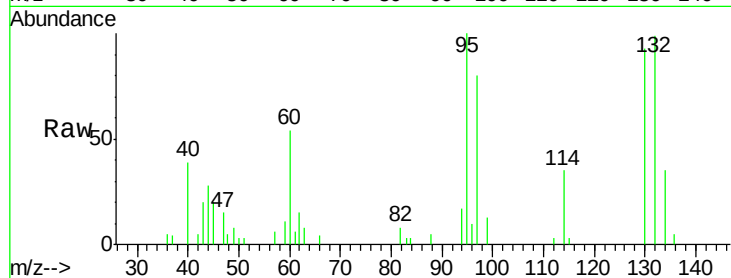
CKMW-19

Tot Ion:130 Resp: 11192

Ion Ratio Lower Upper

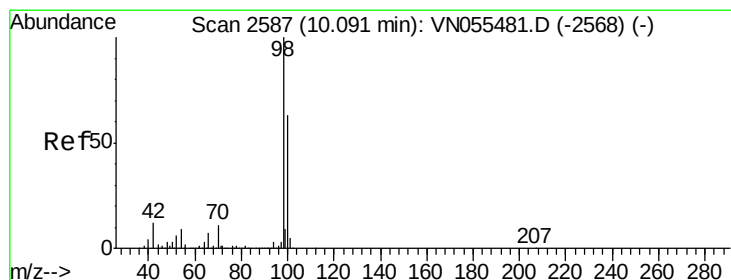
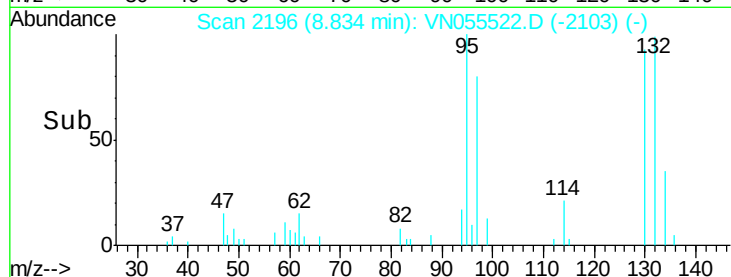
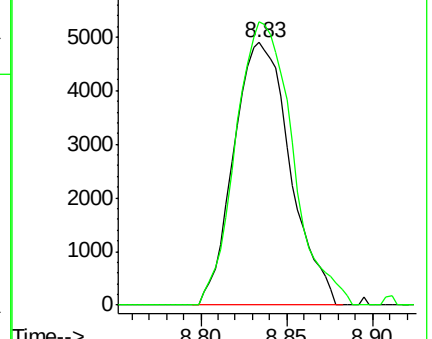
130 100

95 107.8 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 48.477 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055522.D

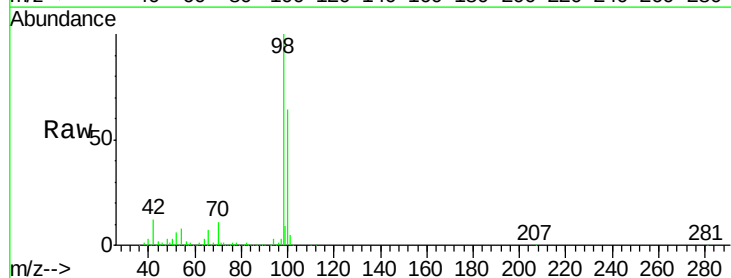
Acq: 10 May 2019 2:29

Tgt Ion: 98 Resp: 1807025

Ion Ratio Lower Upper

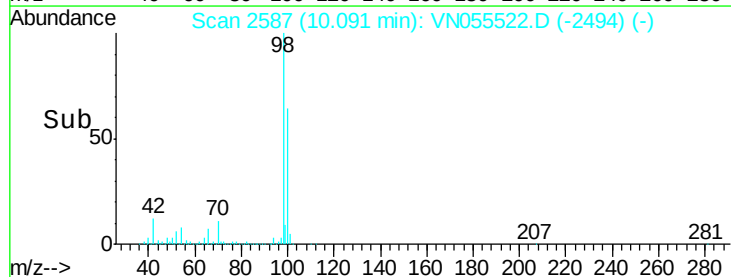
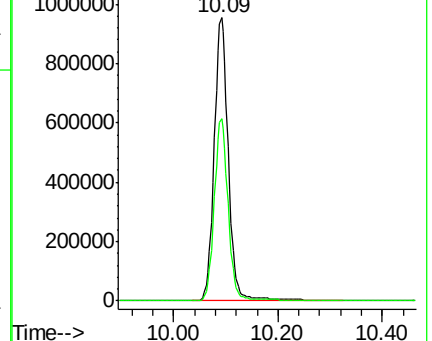
98 100

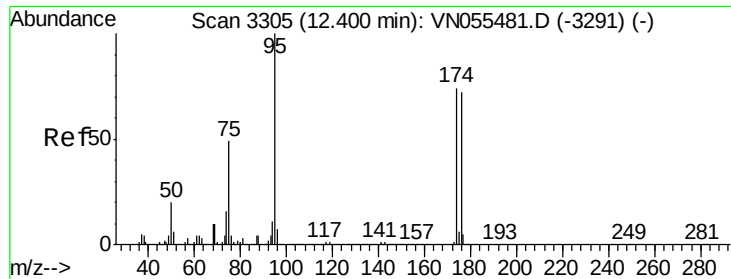
100 63.3 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 39.756 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055522.D

Acq: 10 May 2019 2:29

Instrument :

MSVOA_N

ClientSampleId :

CKMW-19

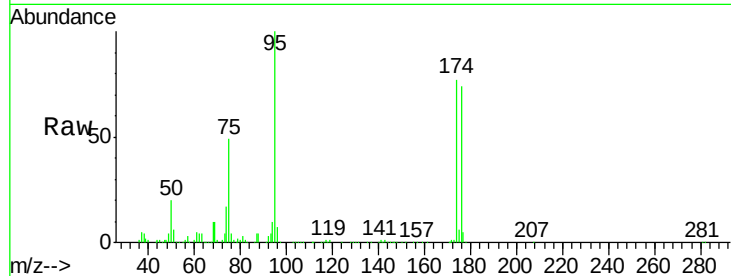
Tot Ion: 95 Resp: 499684

Ion Ratio Lower Upper

95 100

174 77.8 0.0 152.2

176 75.3 0.0 147.8

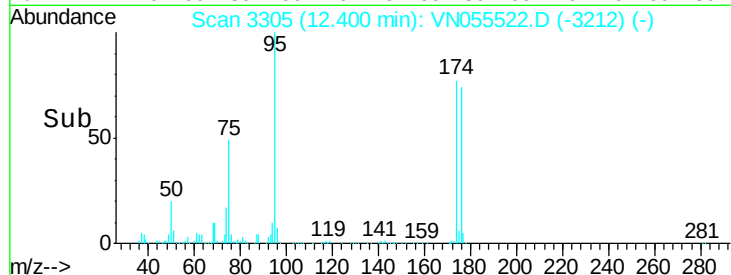


Abundance Ion 94.90 (94.60 to 95.60): VN055522.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055522.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055522.D (-3291) (-)

Time-->



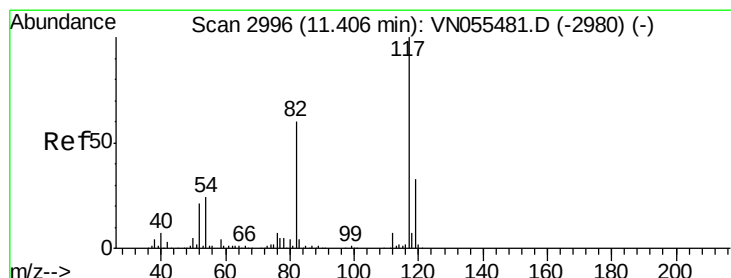
Abundance

Ion 94.90 (94.60 to 95.60): VN055522.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055522.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055522.D (-3291) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055522.D

Acq: 10 May 2019 2:29

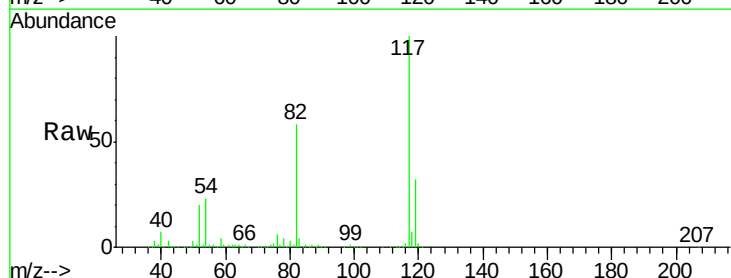
Tgt Ion: 117 Resp: 1227078

Ion Ratio Lower Upper

117 100

82 58.0 48.0 72.0

119 31.6 26.0 39.0

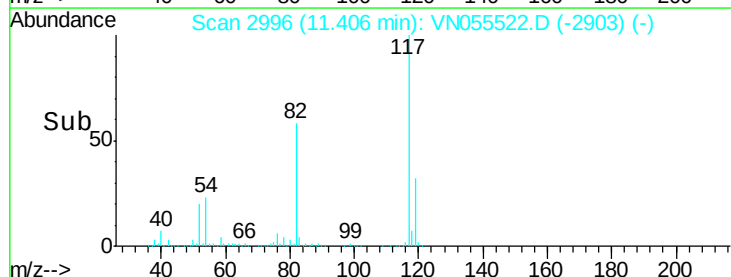


Abundance Ion 116.90 (116.60 to 117.60): VN055522.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055522.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055522.D (-2903) (-)

Time-->



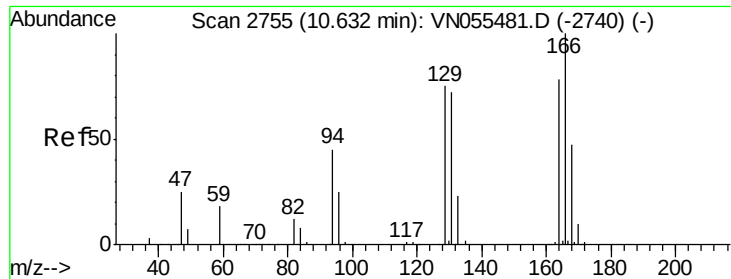
Abundance

Ion 116.90 (116.60 to 117.60): VN055522.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055522.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055522.D (-2903) (-)

Time-->



#64

Tetrachloroethene

Concen: 0.373 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VN055522.D

Acq: 10 May 2019 2:29

Instrument :

MSVOA_N

ClientSampleId :

CKMW-19

Tot Ion:164 Resp: 3751

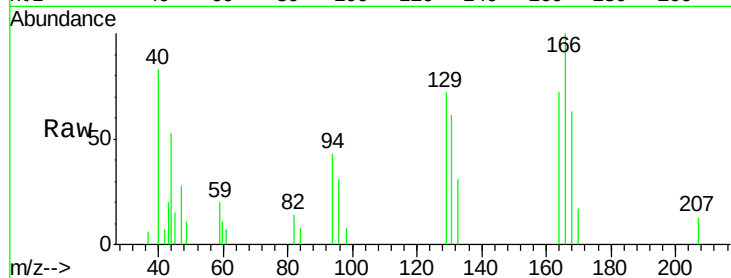
Ion Ratio Lower Upper

164 100

166 139.3 102.6 153.8

129 100.3 77.0 115.6

131 84.4 73.7 110.5

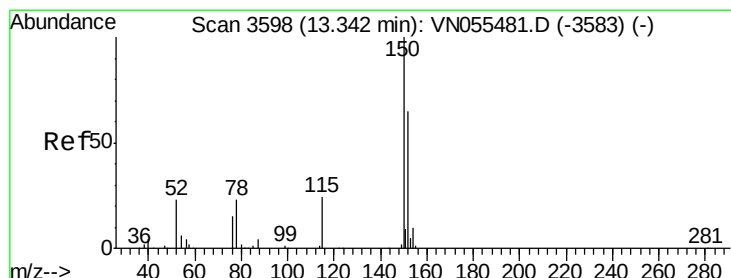
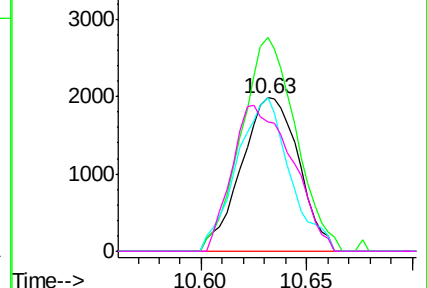
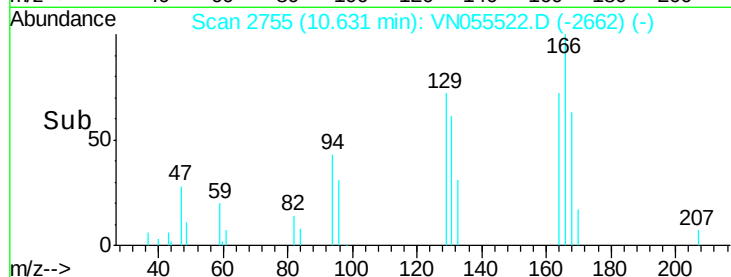


Abundance Ion 163.80 (163.50 to 164.50): V

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: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN055522.D

Acq: 10 May 2019 2:29

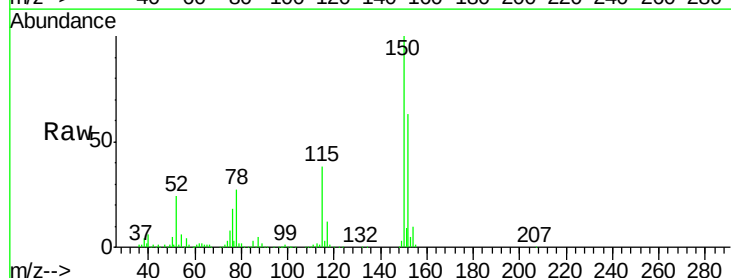
Tgt Ion:152 Resp: 317912

Ion Ratio Lower Upper

152 100

115 60.4 30.1 90.5

150 159.3 0.0 355.0



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

