

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055528.D
 Acq On : 10 May 2019 4:59
 Operator : JC/SP
 Sample : K2758-28
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CKMW-25

Quant Time: May 10 13:55:26 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

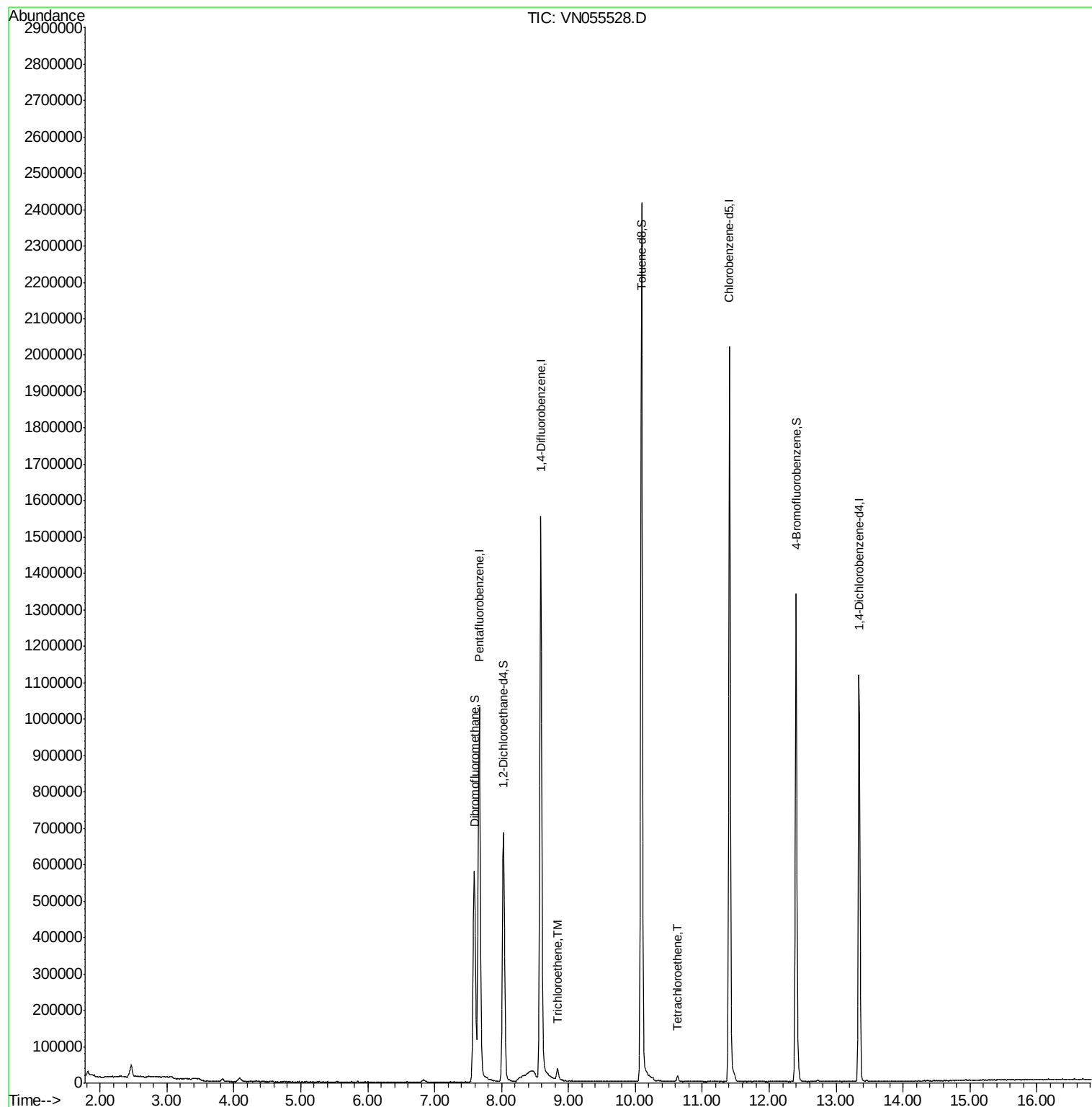
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	852936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1424413	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1193103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	309477	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	579601	45.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.26%	
35) Dibromofluoromethane	7.59	113	451292	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
50) Toluene-d8	10.09	98	1730786	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
62) 4-Bromofluorobenzene	12.40	95	488877	40.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.98%	
Target Compounds						
44) Trichloroethene	8.83	130	12358	1.193	ug/l	91
64) Tetrachloroethene	10.63	164	3746	0.383	ug/l	95

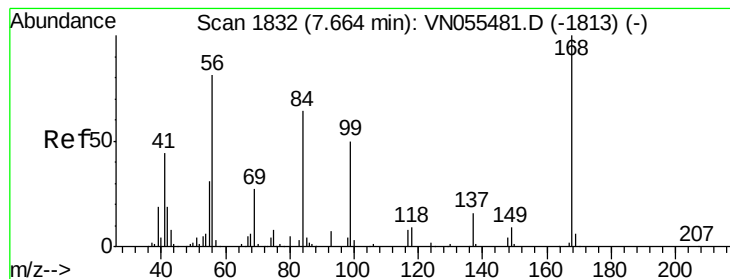
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055528.D

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Instrument :

MSVOA_N

ClientSampleId :

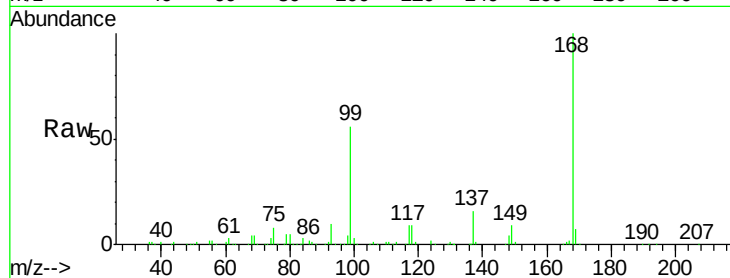
CKMW-25

Tot Ion:168 Resp: 852936

Ion Ratio Lower Upper

168 100

99 56.1 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

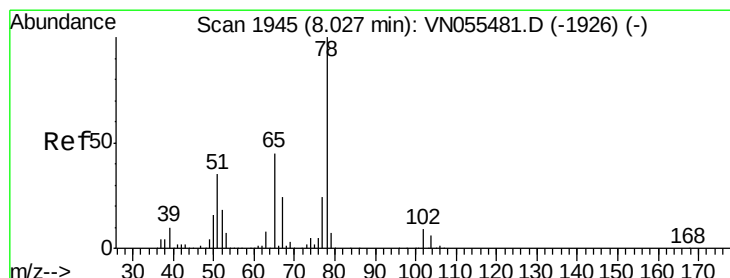
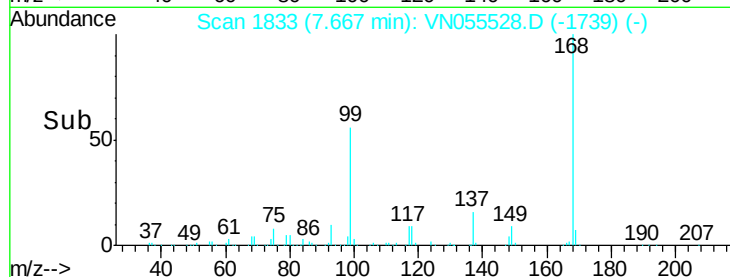
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.132 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN055528.D

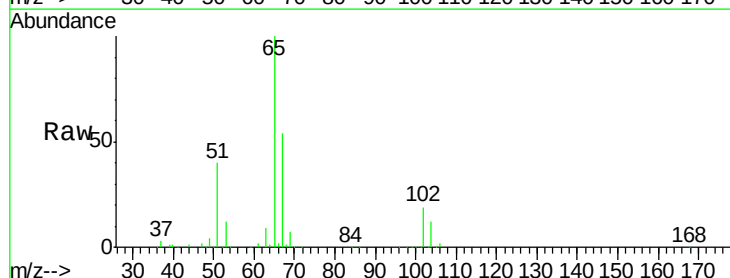
Acq: 10 May 2019 4:59

Tgt Ion: 65 Resp: 579601

Ion Ratio Lower Upper

65 100

67 54.9 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

250000

200000

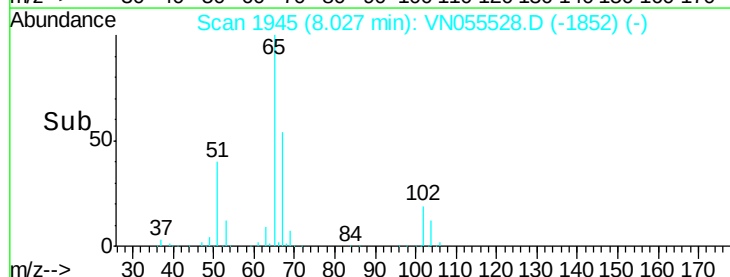
150000

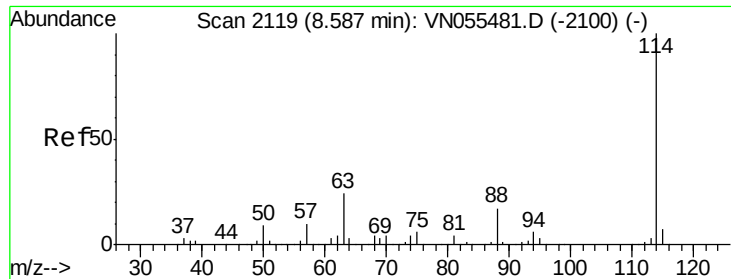
100000

50000

0

Time-->

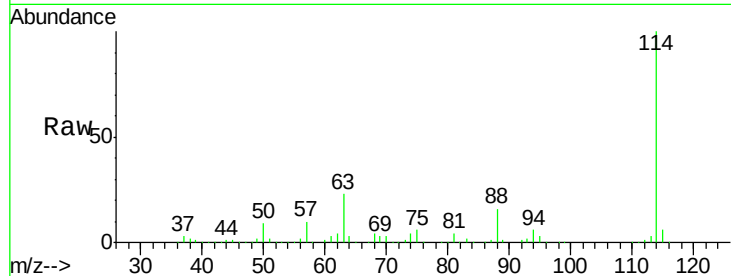




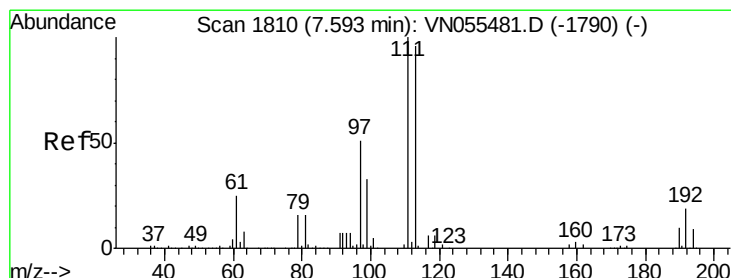
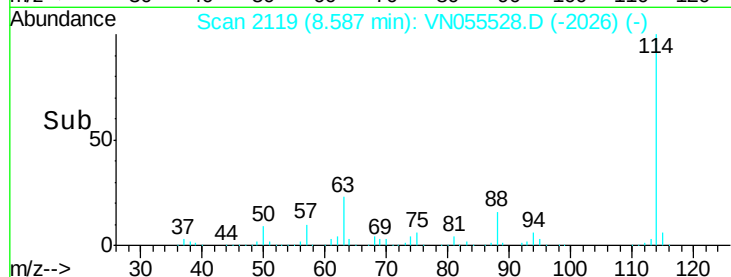
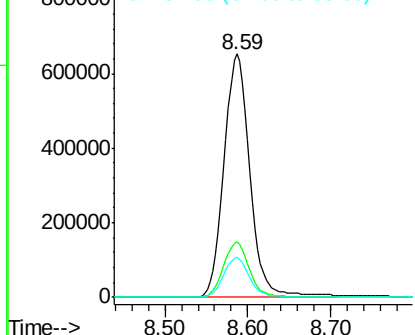
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055528.D
 Acq: 10 May 2019 4:59

Instrument :
 MSVOA_N
 ClientSampleId :
 CKMW-25

Tot Ion:114 Resp: 1424413
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 47.4
 88 16.3 0.0 34.0

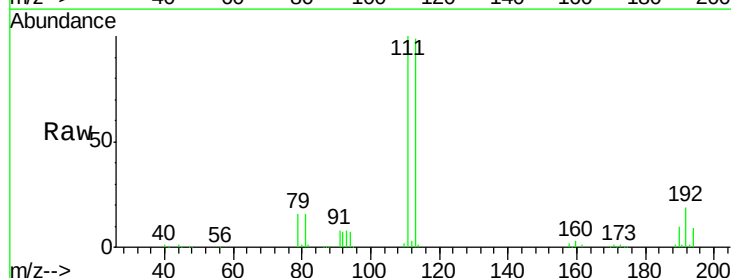


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

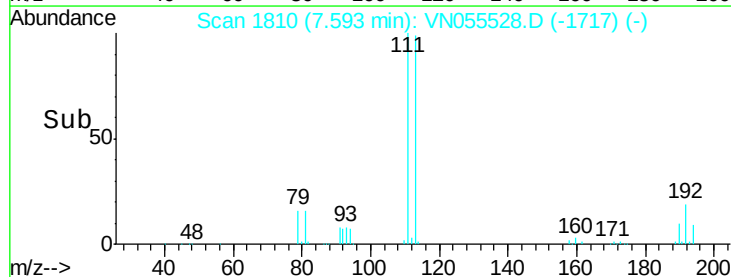
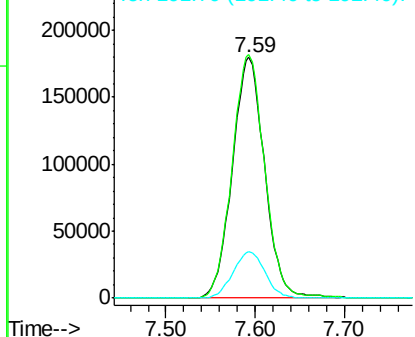


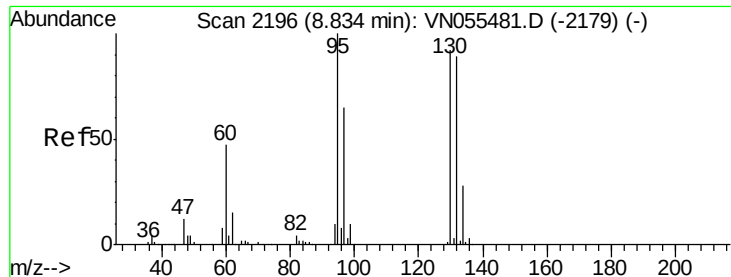
#35
 Dibromofluoromethane
 Concen: 49.114 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN055528.D
 Acq: 10 May 2019 4:59

Tgt Ion:113 Resp: 451292
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.9 124.3
 192 19.1 15.6 23.4



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: 1.193 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN055528.D

Acq: 10 May 2019 4:59

Instrument :

MSVOA_N

ClientSampleId :

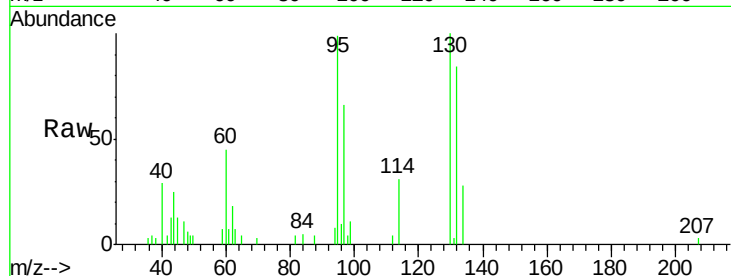
CKMW-25

Tot Ion:130 Resp: 12358

Ion Ratio Lower Upper

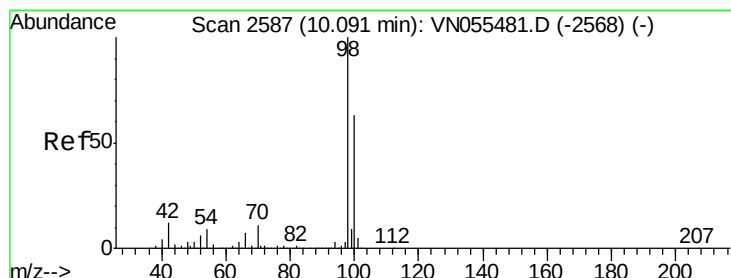
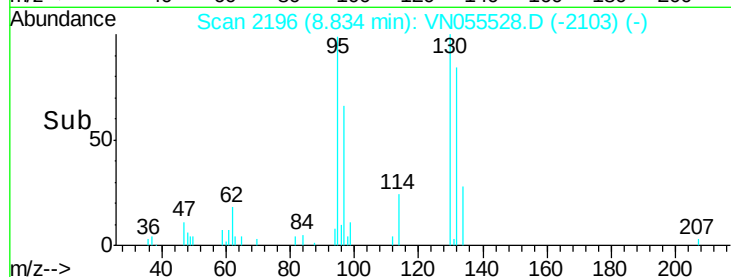
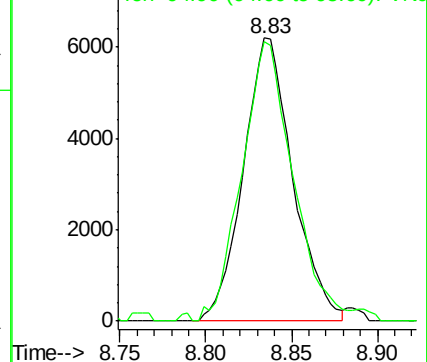
130 100

95 98.9 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: 48.336 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055528.D

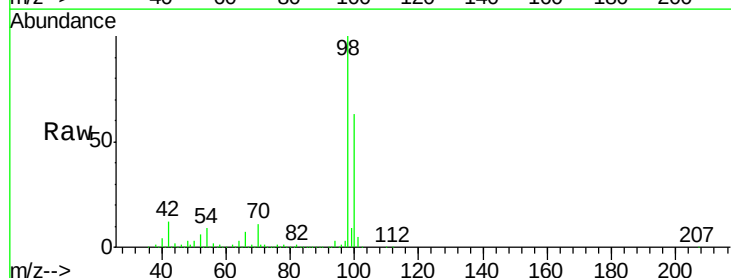
Acq: 10 May 2019 4:59

Tgt Ion: 98 Resp: 1730786

Ion Ratio Lower Upper

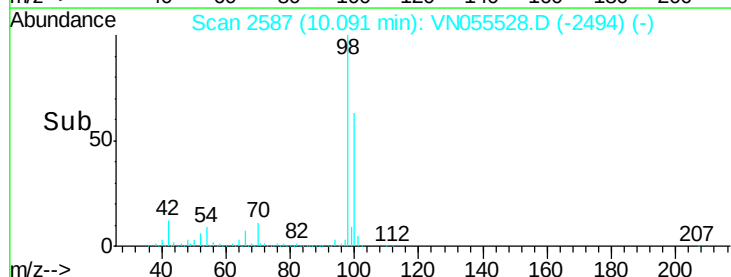
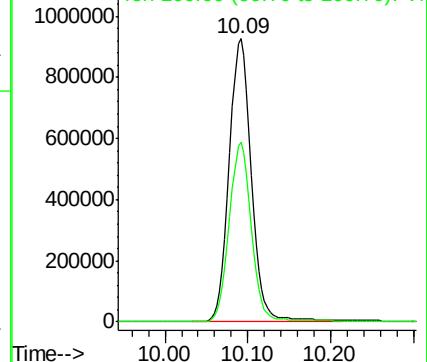
98 100

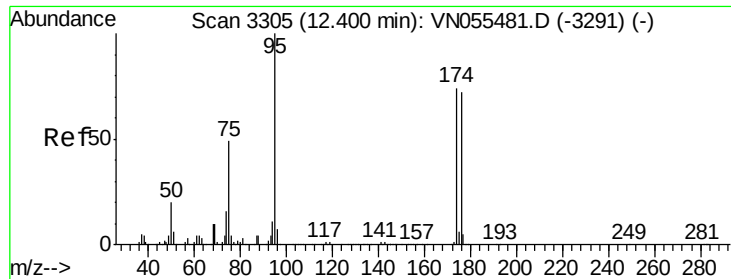
100 62.7 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 40.491 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055528.D

Acq: 10 May 2019 4:59

Instrument :

MSVOA_N

ClientSampleId :

CKMW-25

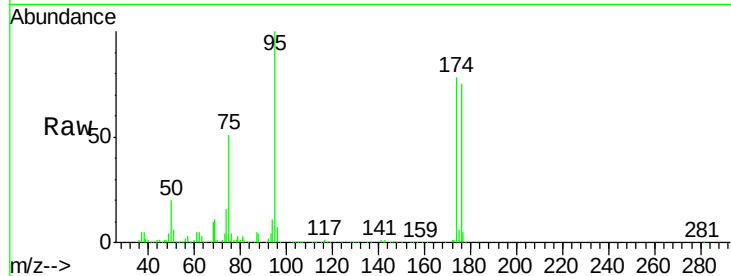
Tot Ion: 95 Resp: 488877

Ion Ratio Lower Upper

95 100

174 78.9 0.0 152.2

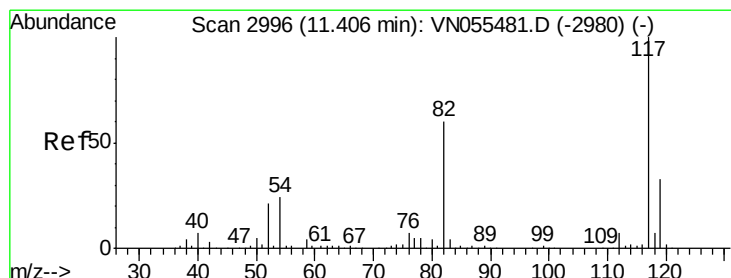
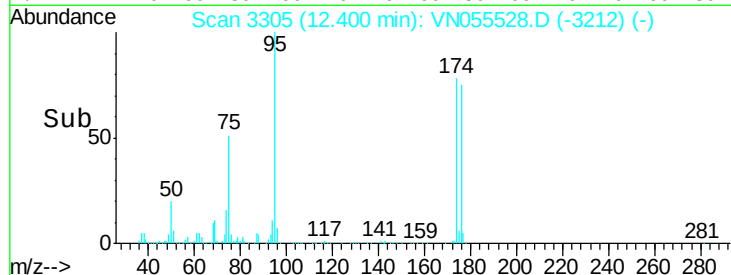
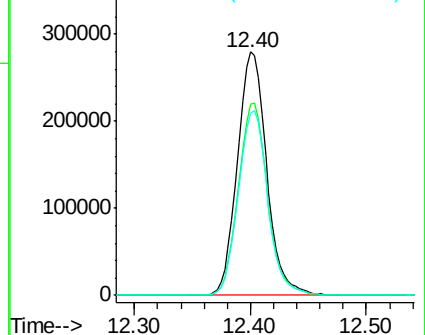
176 76.4 0.0 147.8



Abundance Ion 94.90 (94.60 to 95.60): VN055528.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN055528.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN055528.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055528.D

Acq: 10 May 2019 4:59

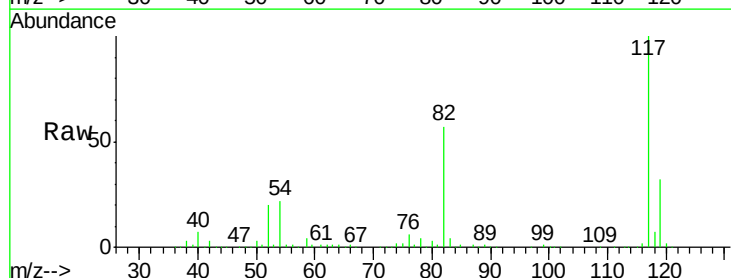
Tgt Ion: 117 Resp: 1193103

Ion Ratio Lower Upper

117 100

82 56.8 48.0 72.0

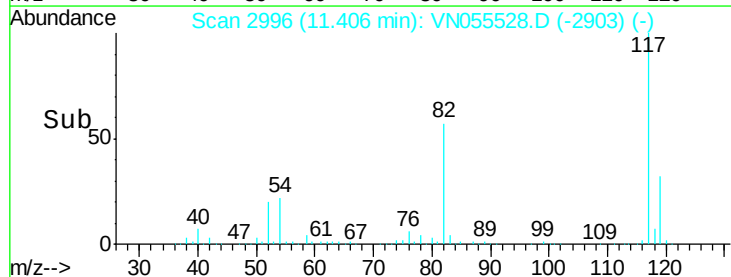
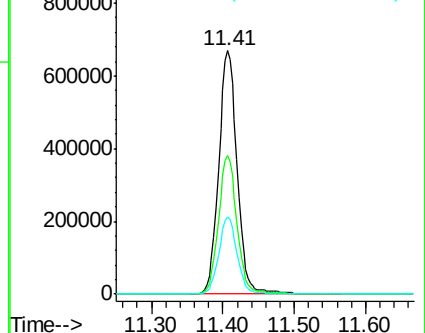
119 31.7 26.0 39.0

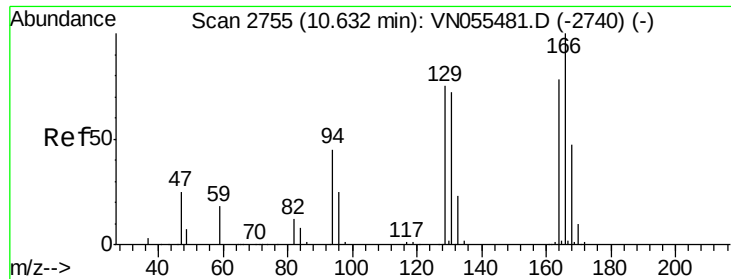


Abundance Ion 116.90 (116.60 to 117.60): VN055528.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055528.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055528.D (-2903) (-)





#64

Tetrachloroethene

Concen: 0.383 ug/l

RT: 10.63 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN055528.D

Acq: 10 May 2019 4:59

Instrument :

MSVOA_N

ClientSampleId :

CKMW-25

Tot Ion:164 Resp: 3746

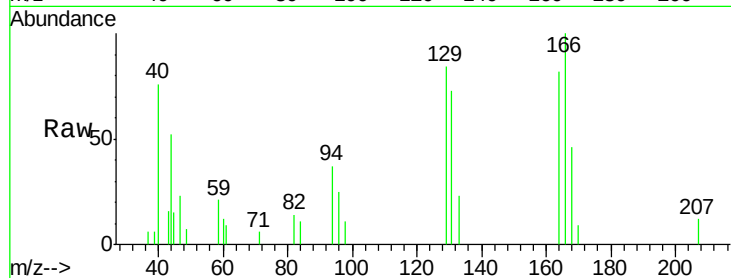
Ion Ratio Lower Upper

164 100

166 121.6 102.6 153.8

129 102.4 77.0 115.6

131 88.3 73.7 110.5

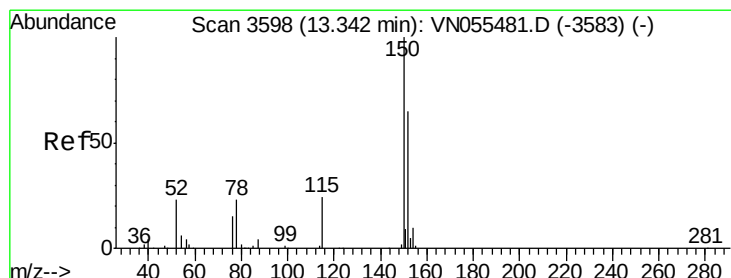
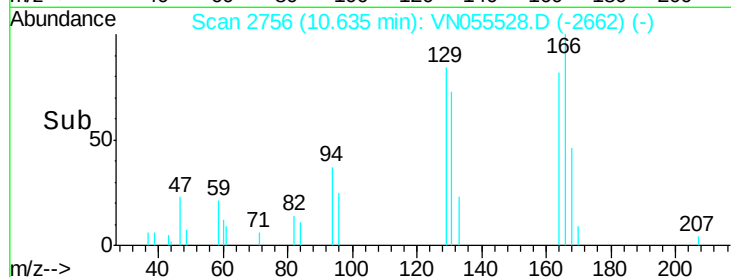
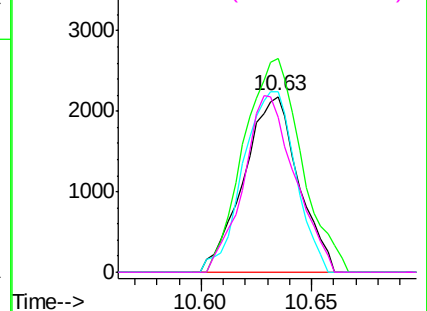


Abundance Ion 163.80 (163.50 to 164.50): V

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: VN055528.D

Acq: 10 May 2019 4:59

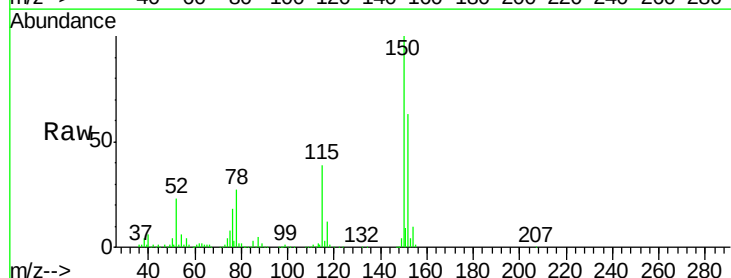
Tgt Ion:152 Resp: 309477

Ion Ratio Lower Upper

152 100

115 61.4 30.1 90.5

150 159.5 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

