

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055525.D
 Acq On : 10 May 2019 3:44
 Operator : JC/SP
 Sample : K2758-19
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CKMW-05

Quant Time: May 10 13:54:05 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

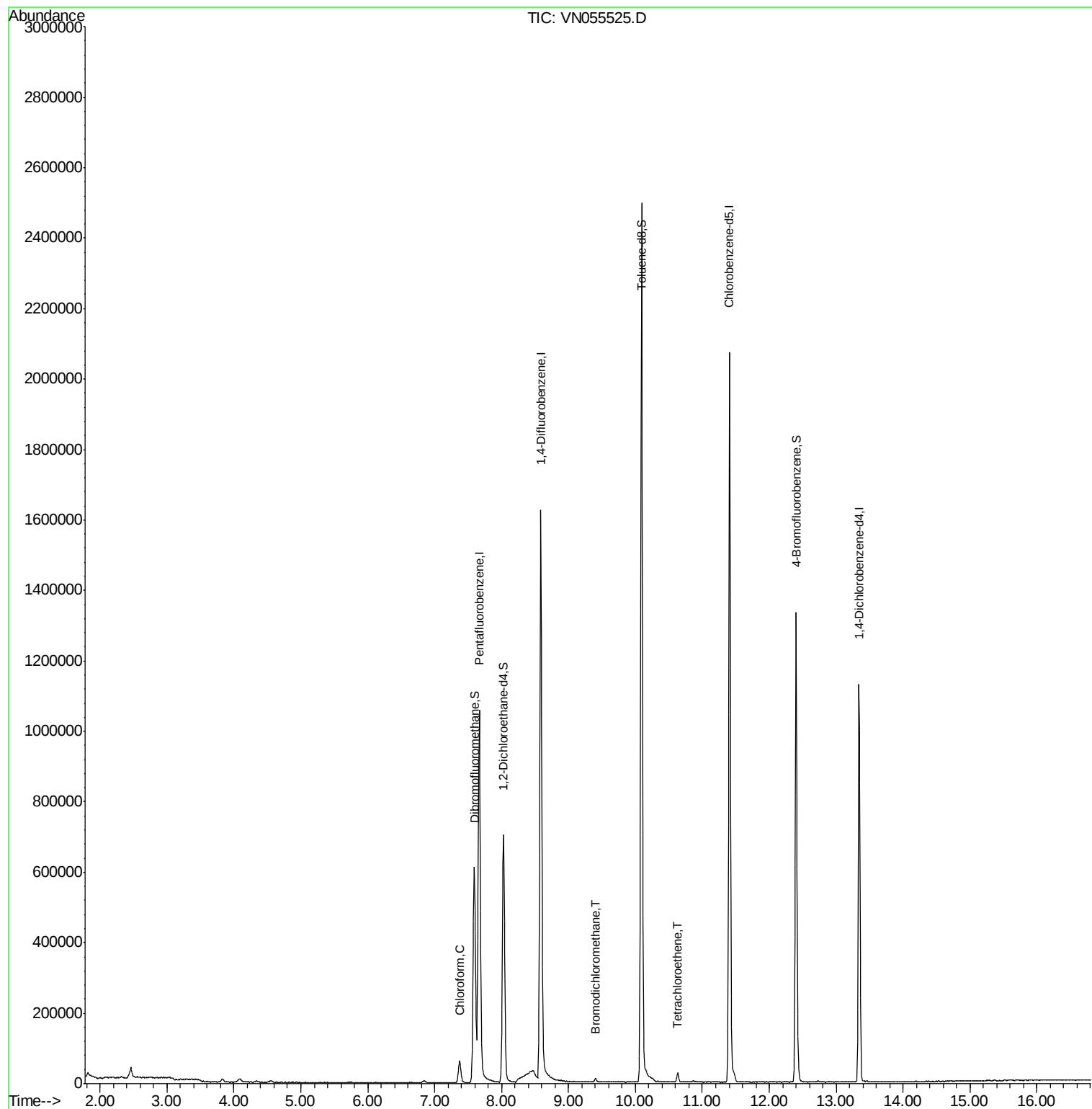
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	883666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1487397	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1230869	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	313912	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	599343	45.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.10%	
35) Dibromofluoromethane	7.59	113	467010	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
50) Toluene-d8	10.09	98	1822584	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
62) 4-Bromofluorobenzene	12.40	95	503727	39.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.90%	
Target Compounds						
30) Chloroform	7.37	83	66628	3.321	ug/l	99
47) Bromodichloromethane	9.41	83	7392	0.512	ug/l	90
64) Tetrachloroethene	10.63	164	6245	0.619	ug/l	91

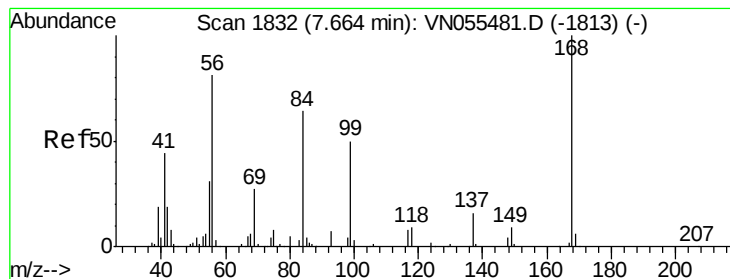
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055525.D

Acq: 10 May 2019 3:44

Instrument :

MSVOA_N

ClientSampleId :

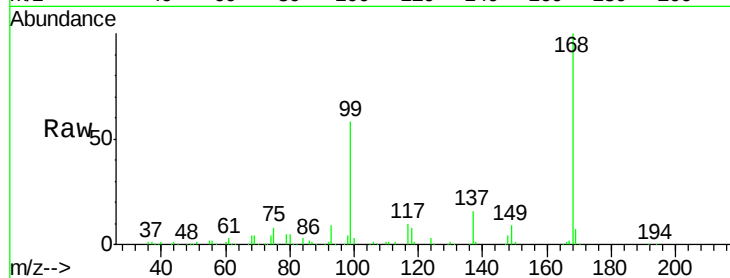
CKMW-05

Tot Ion:168 Resp: 883666

Ion Ratio Lower Upper

168 100

99 57.6 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): VN055525.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN055525.D (-1739) (-)

7.67

400000

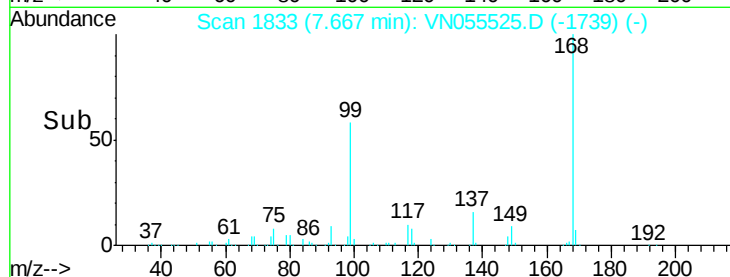
300000

200000

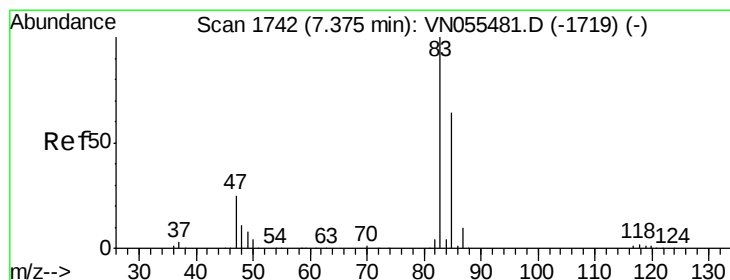
100000

0

7.60 7.70 7.80



Time-->



#30

Chloroform

Concen: 3.321 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VN055525.D

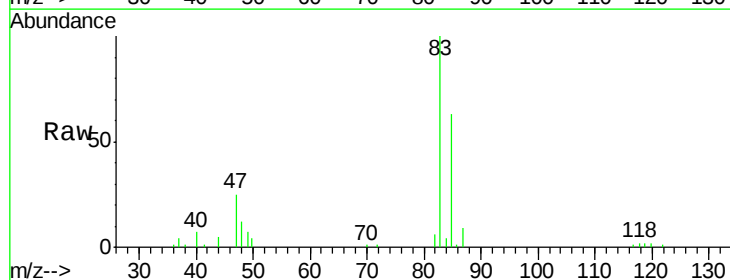
Acq: 10 May 2019 3:44

Tgt Ion: 83 Resp: 66628

Ion Ratio Lower Upper

83 100

85 63.5 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VN055525.D (-1649) (-)

Ion 84.90 (84.60 to 85.60): VN055525.D (-1649) (-)

7.37

30000

25000

20000

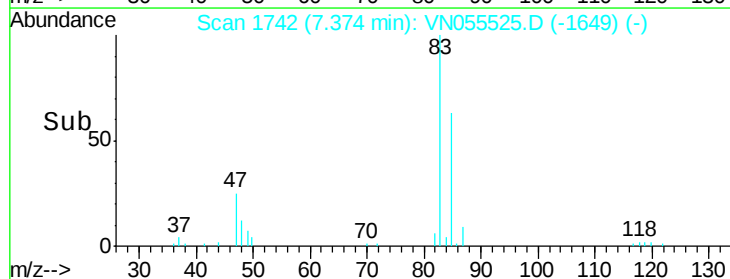
15000

10000

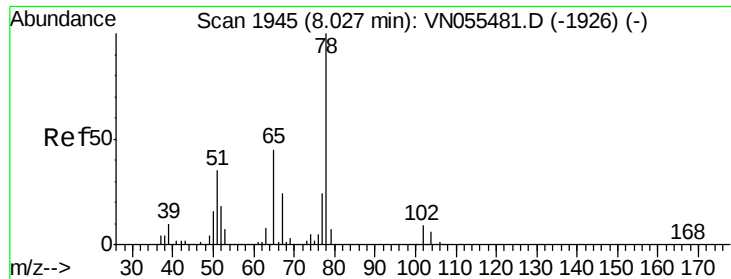
5000

0

7.30 7.35 7.40 7.45



Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.046 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN055525.D

Acq: 10 May 2019 3:44

Instrument :

MSVOA_N

ClientSampleId :

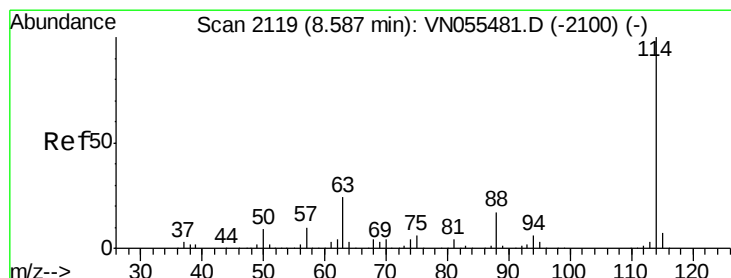
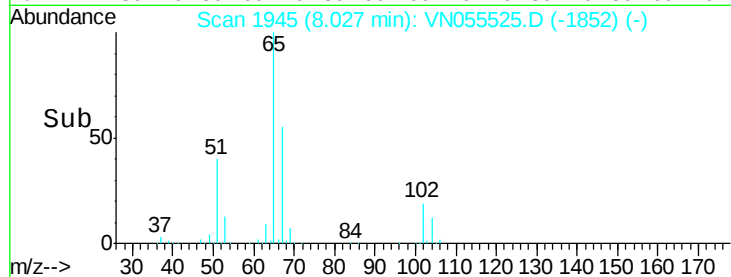
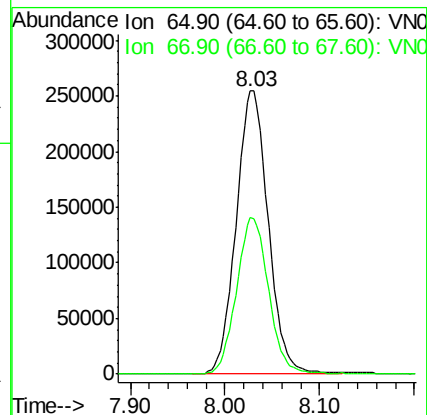
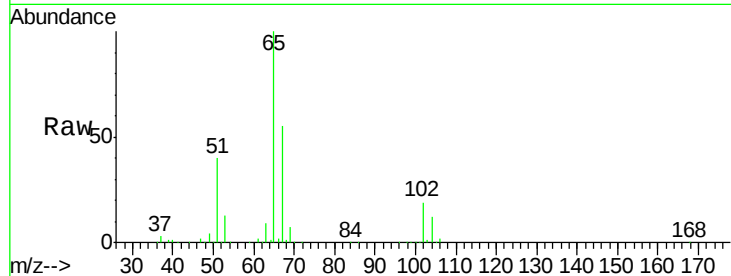
CKMW-05

Tot Ion: 65 Resp: 599343

Ion Ratio Lower Upper

65 100

67 55.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN055525.D

Acq: 10 May 2019 3:44

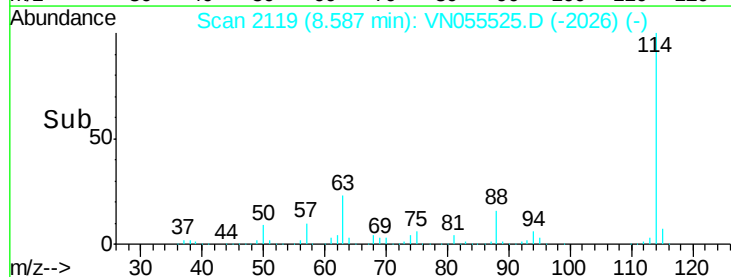
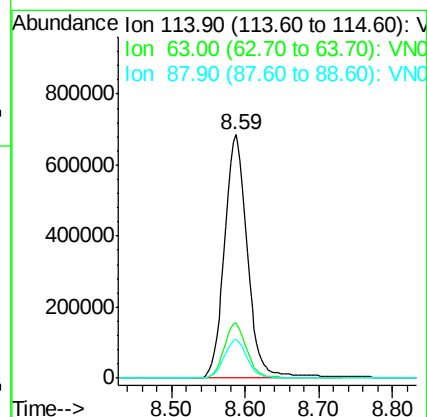
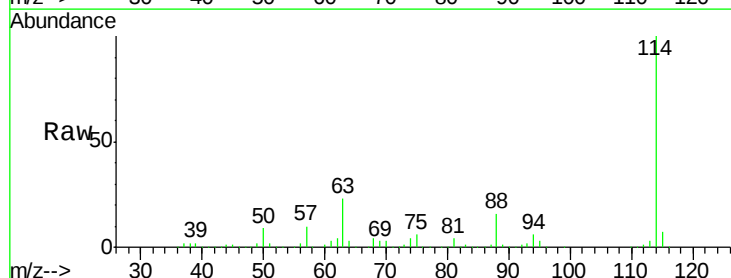
Tgt Ion: 114 Resp: 1487397

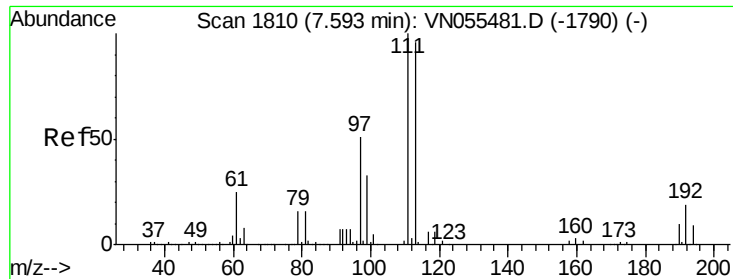
Ion Ratio Lower Upper

114 100

63 22.7 0.0 47.4

88 15.9 0.0 34.0

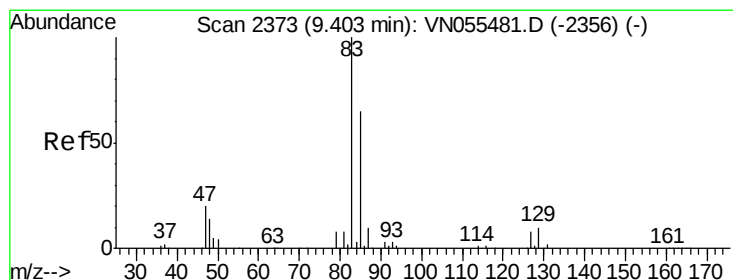
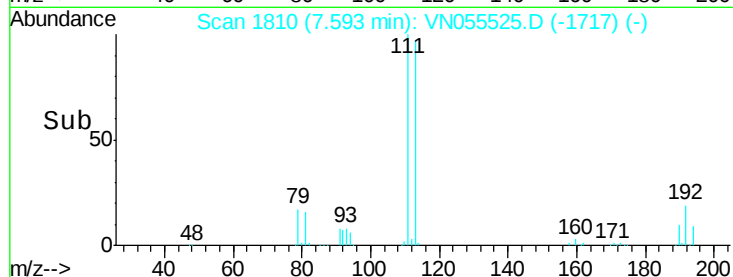
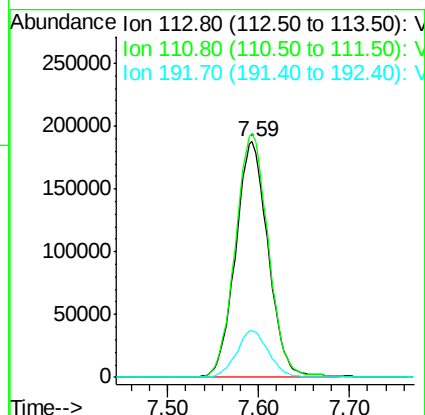
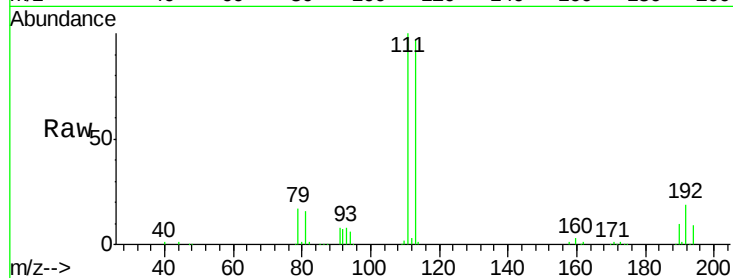




#35
 Dibromofluoromethane
 Concen: 48.673 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN055525.D
 Acq: 10 May 2019 3:44

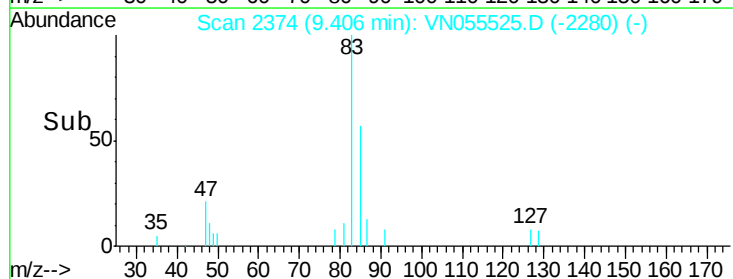
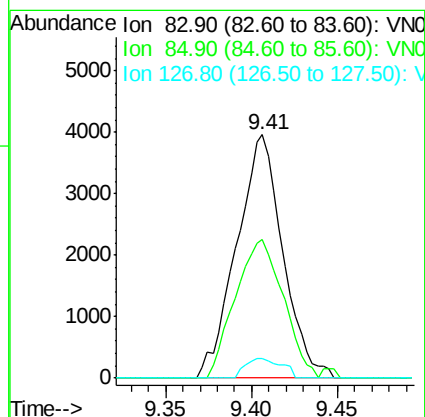
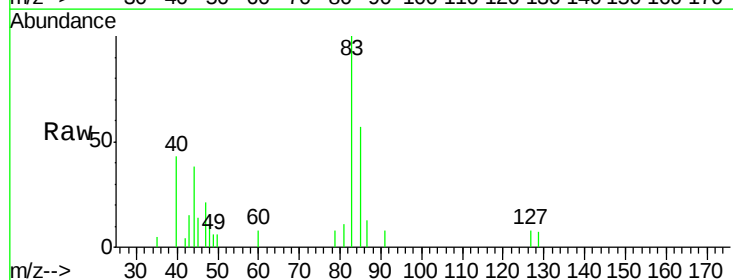
Instrument :
 MSVOA_N
 ClientSampleId :
 CKMW-05

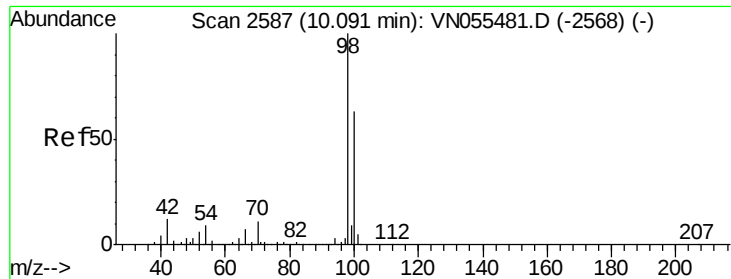
Tot Ion:113 Resp: 467010
 Ion Ratio Lower Upper
 113 100
 111 105.0 82.9 124.3
 192 19.6 15.6 23.4



#47
 Bromodichloromethane
 Concen: 0.512 ug/l
 RT: 9.41 min Scan# 2374
 Delta R.T. 0.00 min
 Lab File: VN055525.D
 Acq: 10 May 2019 3:44

Tgt Ion: 83 Resp: 7392
 Ion Ratio Lower Upper
 83 100
 85 56.7 52.2 78.2
 127 8.0 6.5 9.7





#50

Toluene-d8

Concen: 48.745 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055525.D

Acq: 10 May 2019 3:44

Instrument :

MSVOA_N

ClientSampled :

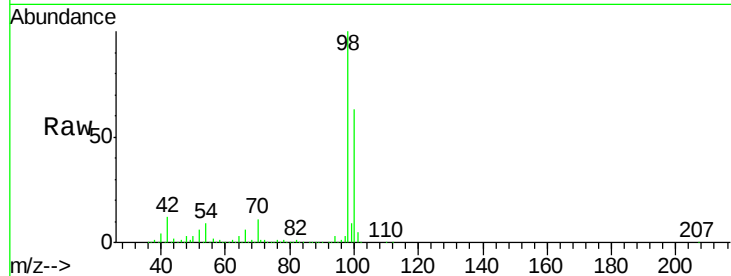
CKMW-05

Tot Ion: 98 Resp: 1822584

Ion Ratio Lower Upper

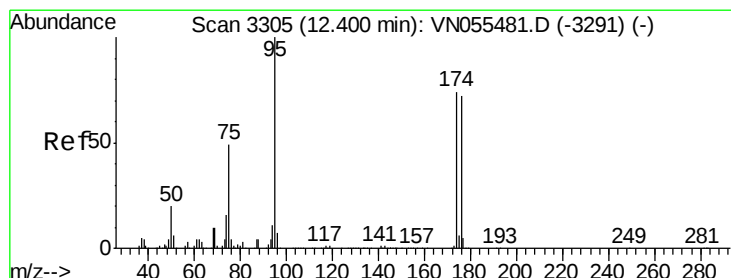
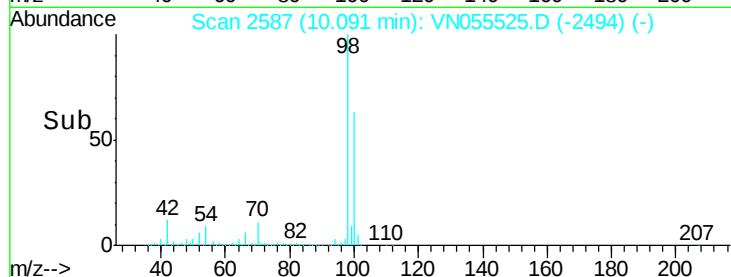
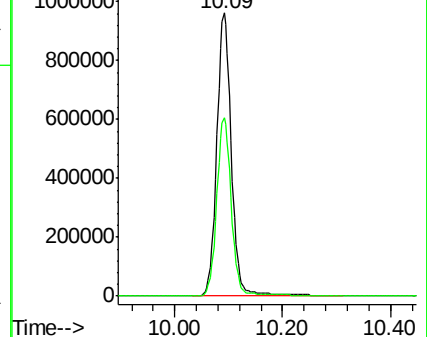
98 100

100 62.6 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 39.954 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055525.D

Acq: 10 May 2019 3:44

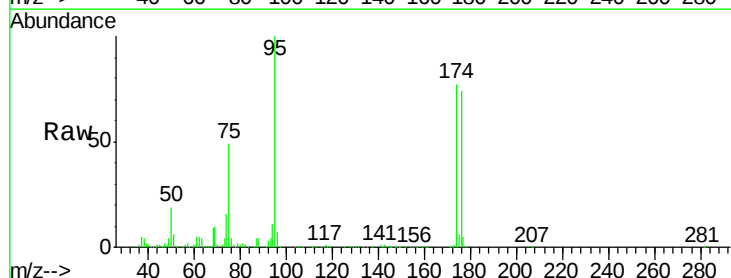
Tgt Ion: 95 Resp: 503727

Ion Ratio Lower Upper

95 100

174 78.3 0.0 152.2

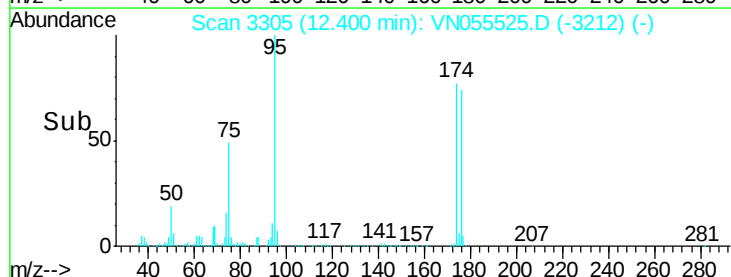
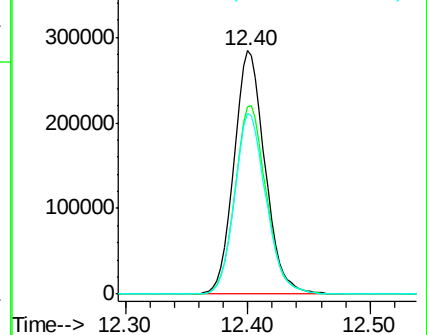
176 75.1 0.0 147.8

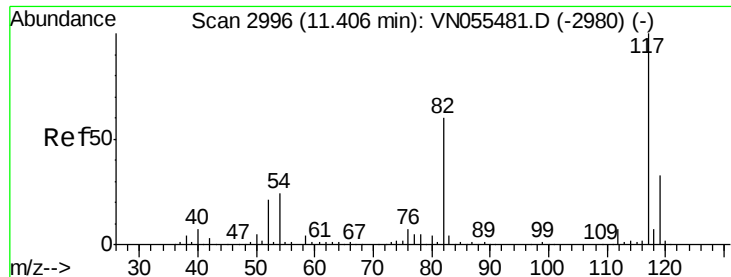


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

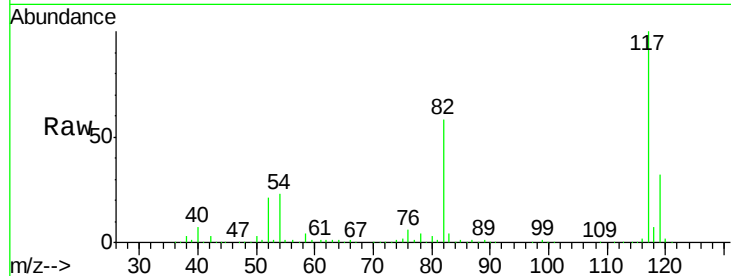




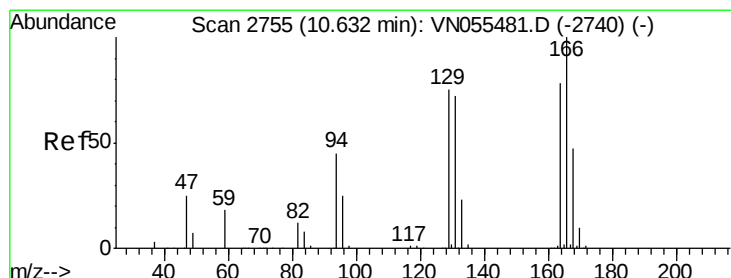
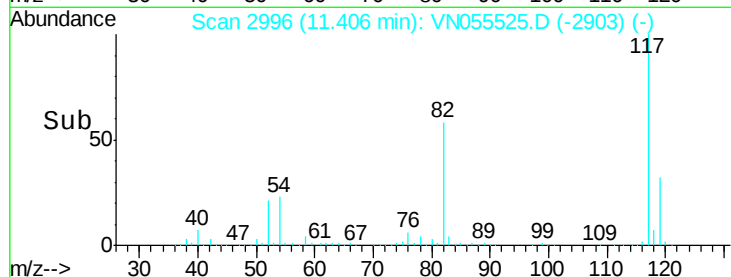
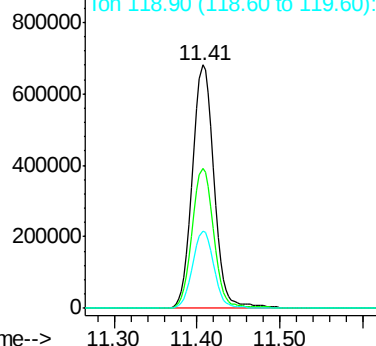
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055525.D
Acq: 10 May 2019 3:44

Instrument :
MSVOA_N
ClientSampleId :
CKMW-05

Tot Ion:117 Resp: 1230869
Ion Ratio Lower Upper
117 100
82 57.7 48.0 72.0
119 31.7 26.0 39.0

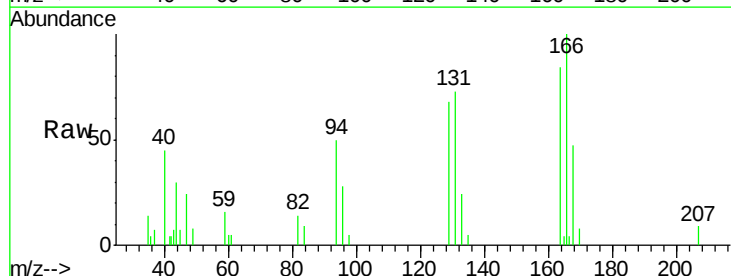


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

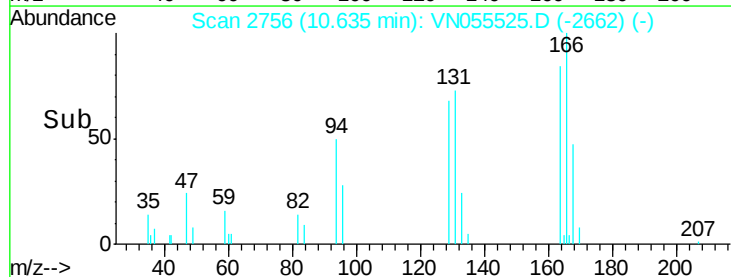
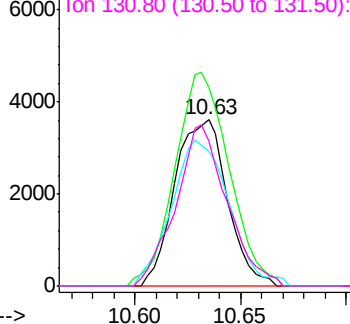


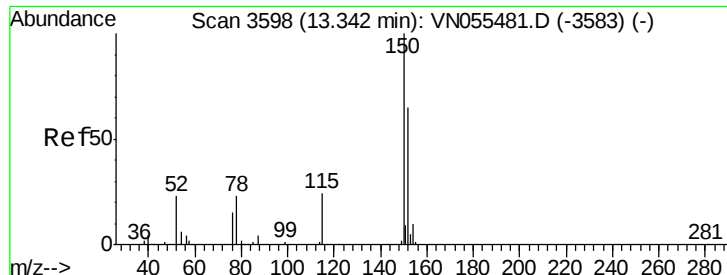
#64
Tetrachloroethene
Concen: 0.619 ug/l
RT: 10.63 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN055525.D
Acq: 10 May 2019 3:44

Tgt Ion:164 Resp: 6245
Ion Ratio Lower Upper
164 100
166 119.4 102.6 153.8
129 80.7 77.0 115.6
131 87.1 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: VN055525.D

Acq: 10 May 2019 3:44

Instrument :

MSVOA_N

ClientSampleId :

CKMW-05

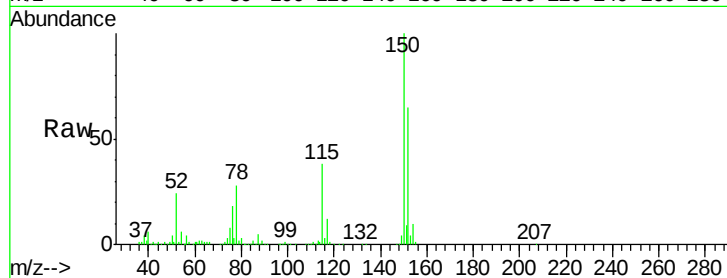
Tot Ion:152 Resp: 313912

Ion Ratio Lower Upper

152 100

115 59.9 30.1 90.5

150 159.1 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

