

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055527.D
 Acq On : 10 May 2019 4:34
 Operator : JC/SP
 Sample : K2758-27
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CKMW-07

Quant Time: May 10 13:54:56 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

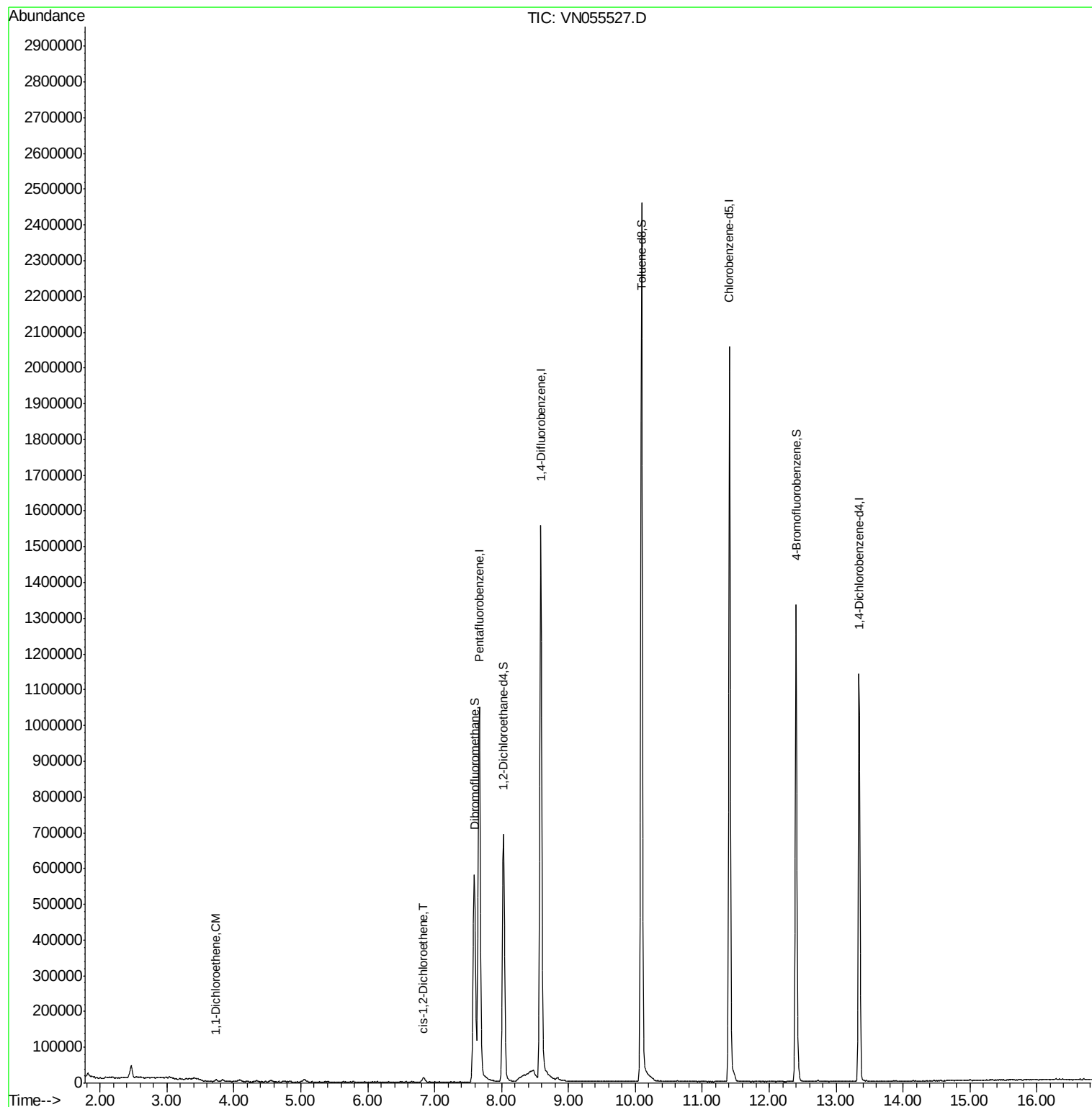
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	868854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1448668	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1209921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	315211	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	599042	45.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.58%	
35) Dibromofluoromethane	7.59	113	457928	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
50) Toluene-d8	10.09	98	1760713	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
62) 4-Bromofluorobenzene	12.40	95	500059	40.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.44%	
Target Compounds						
12) 1,1-Dichloroethene	3.73	96	2805	0.295	ug/l #	71
27) cis-1,2-Dichloroethene	6.83	96	7250	0.609	ug/l	93

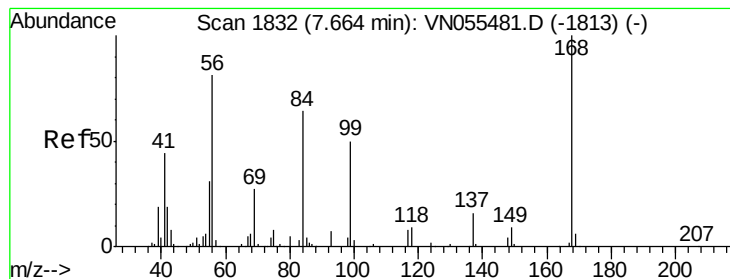
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055527.D

Acq: 10 May 2019 4:34

Instrument :

MSVOA_N

ClientSampleId :

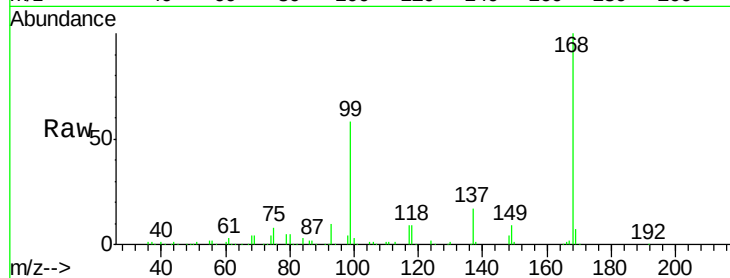
CKMW-07

Tot Ion:168 Resp: 868854

Ion Ratio Lower Upper

168 100

99 57.9 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

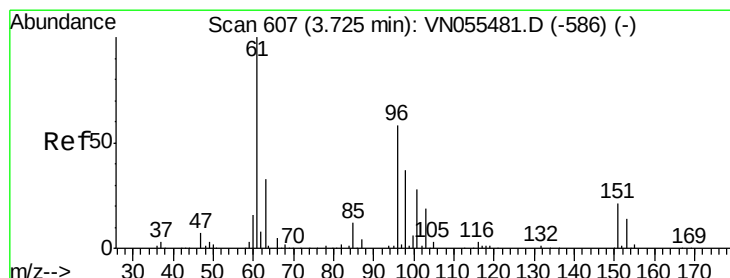
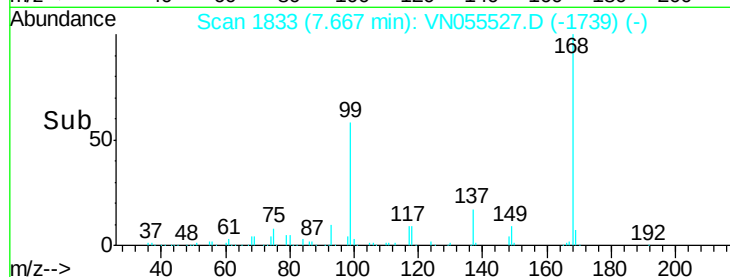
200000

100000

0

7.60 7.70 7.80

Time-->



#12

1,1-Dichloroethene

Concen: 0.295 ug/l

RT: 3.73 min Scan# 609

Delta R.T. 0.01 min

Lab File: VN055527.D

Acq: 10 May 2019 4:34

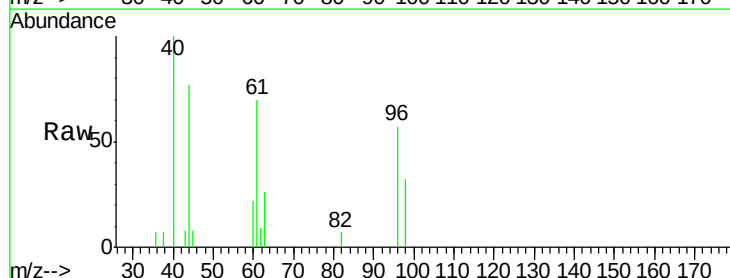
Tgt Ion: 96 Resp: 2805

Ion Ratio Lower Upper

96 100

61 122.7 138.7 208.1#

98 55.9 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

2000

1500

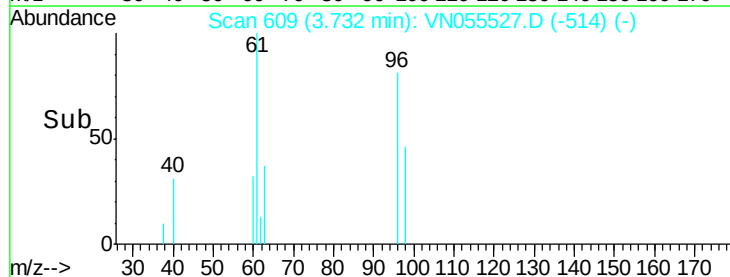
1000

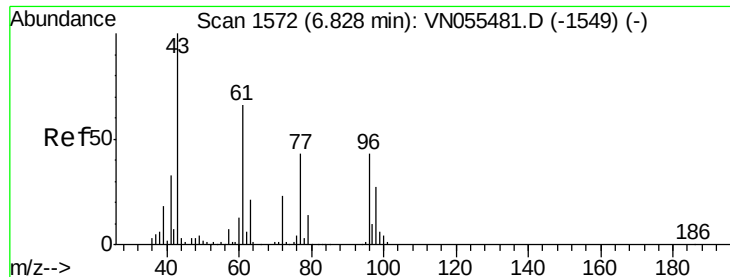
500

0

3.70 3.75 3.80

Time-->

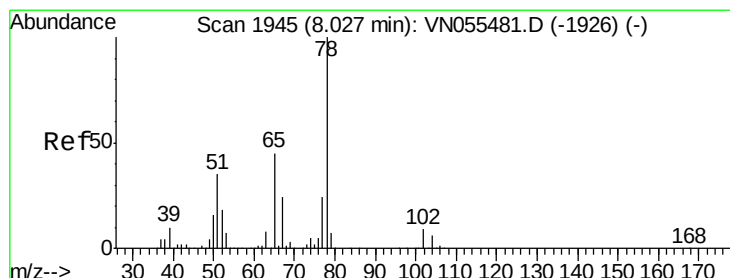
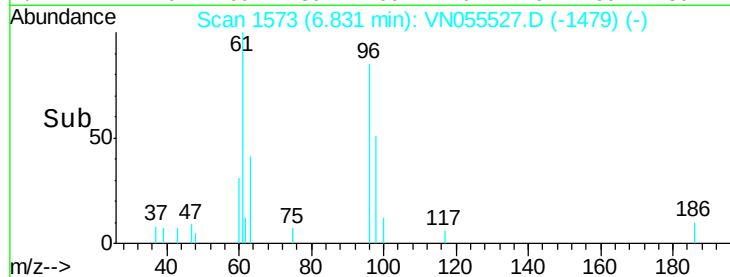
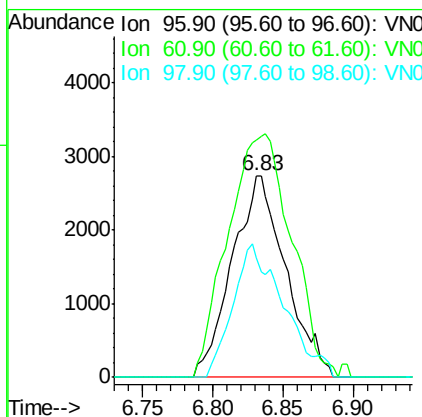
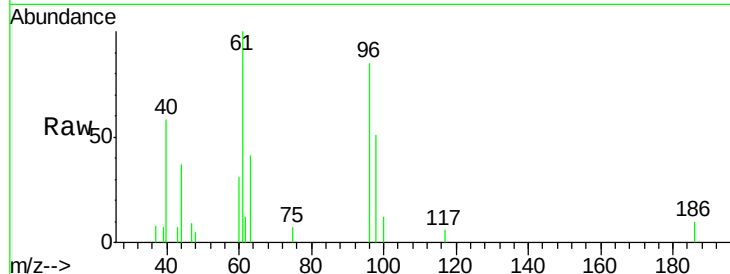




#27
 cis-1,2-Dichloroethene
 Concen: 0.609 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN055527.D
 Acq: 10 May 2019 4:34

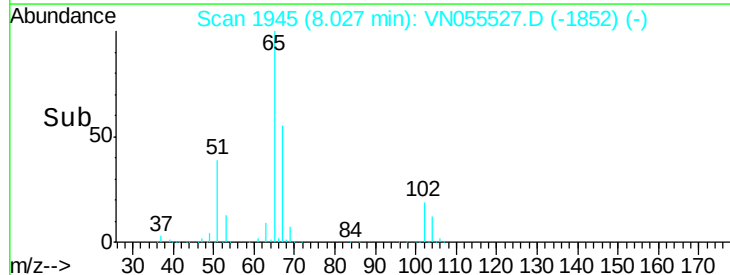
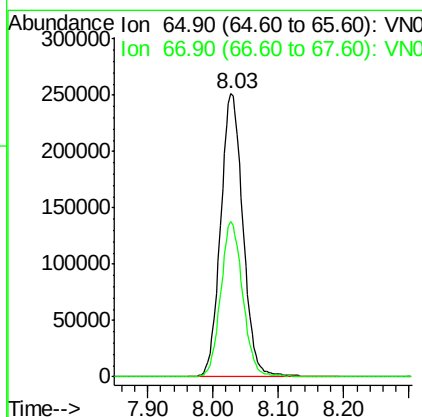
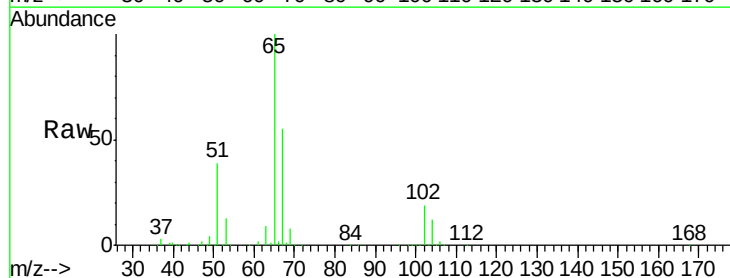
Instrument :
 MSVOA_N
 ClientSampleId :
 CKMW-07

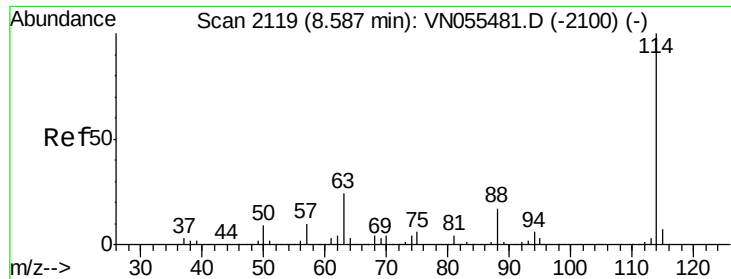
Tot Ion: 96 Resp: 7250
 Ion Ratio Lower Upper
 96 100
 61 143.0 0.0 310.8
 98 62.8 0.0 129.4



#33
 1,2-Dichloroethane-d4
 Concen: 45.791 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055527.D
 Acq: 10 May 2019 4:34

Tgt Ion: 65 Resp: 599042
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 109.6

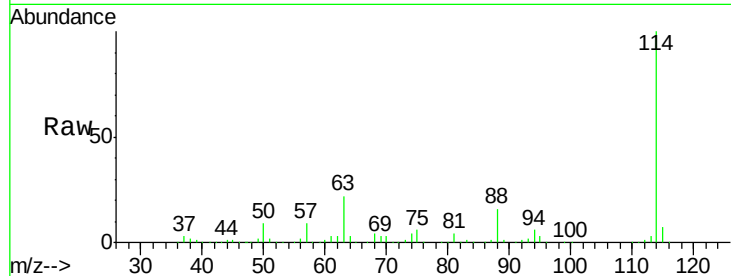




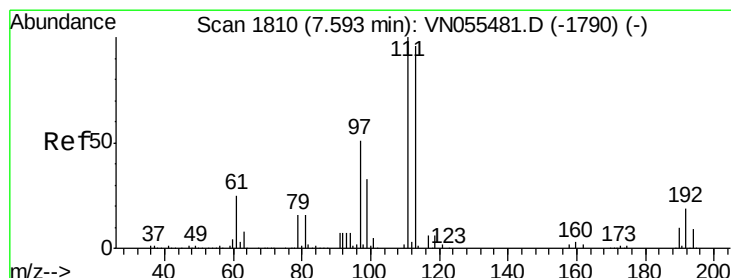
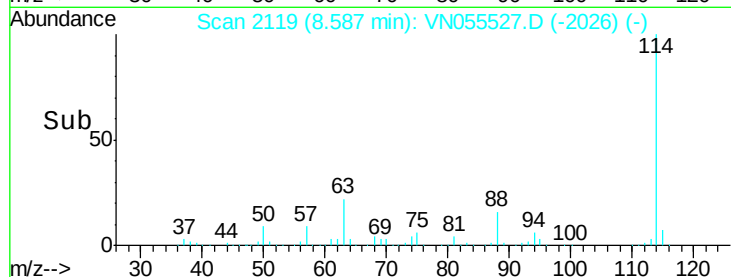
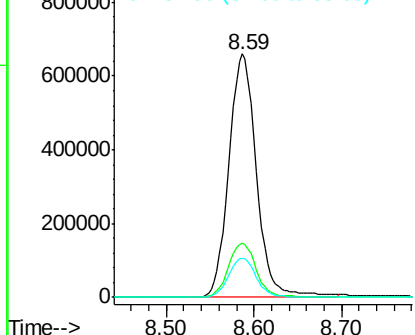
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055527.D
 Acq: 10 May 2019 4:34

Instrument :
 MSVOA_N
 ClientSampleId :
 CKMW-07

Tot Ion:114 Resp: 1448668
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 47.4
 88 16.2 0.0 34.0

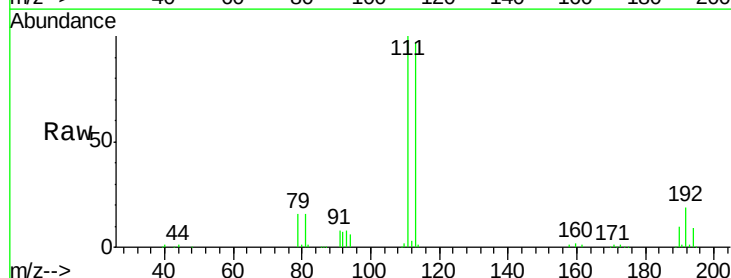


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

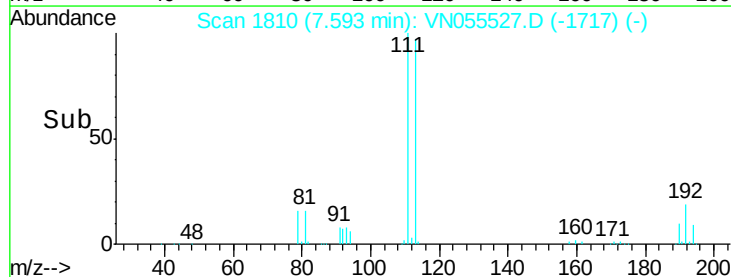
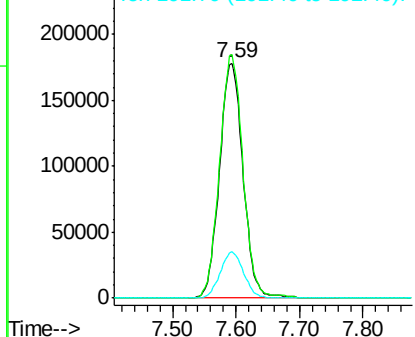


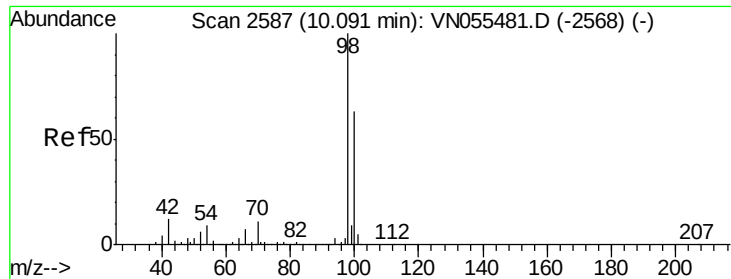
#35
 Dibromofluoromethane
 Concen: 49.002 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN055527.D
 Acq: 10 May 2019 4:34

Tgt Ion:113 Resp: 457928
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.9 124.3
 192 19.5 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





#50

Toluene-d8

Concen: 48.349 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055527.D

Acq: 10 May 2019 4:34

Instrument :

MSVOA_N

ClientSampled :

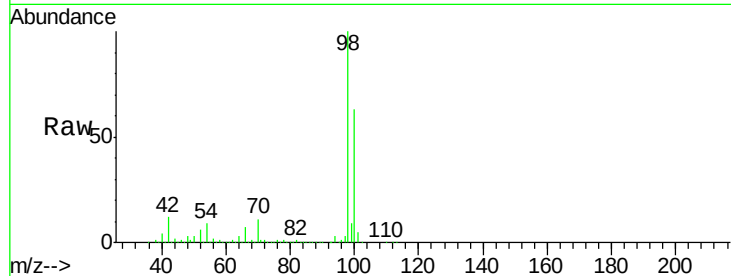
CKMW-07

Tot Ion: 98 Resp: 1760713

Ion Ratio Lower Upper

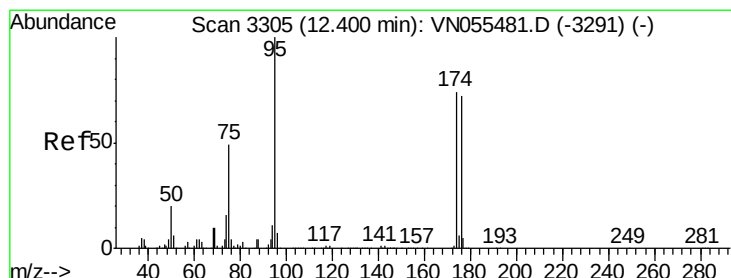
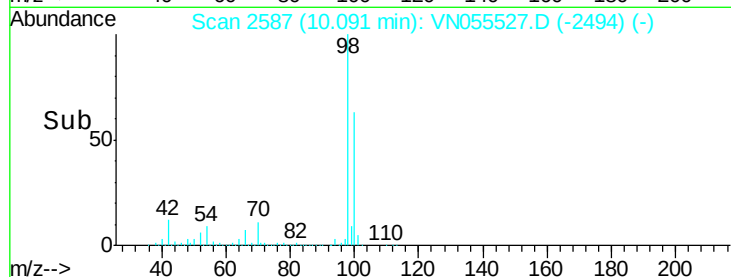
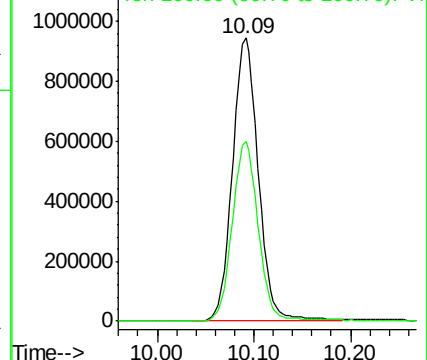
98 100

100 63.7 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: 40.724 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055527.D

Acq: 10 May 2019 4:34

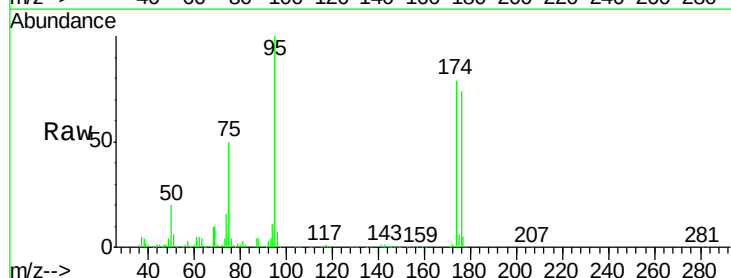
Tgt Ion: 95 Resp: 500059

Ion Ratio Lower Upper

95 100

174 78.7 0.0 152.2

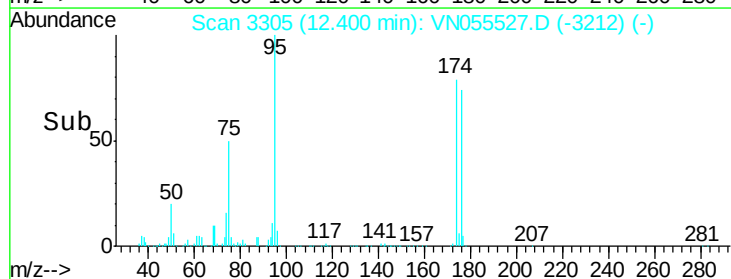
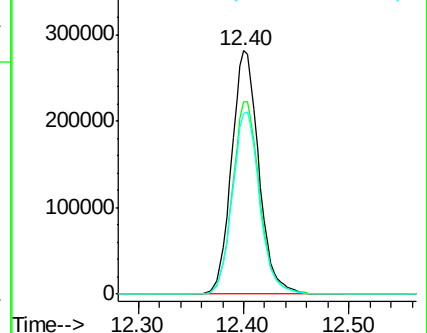
176 75.1 0.0 147.8

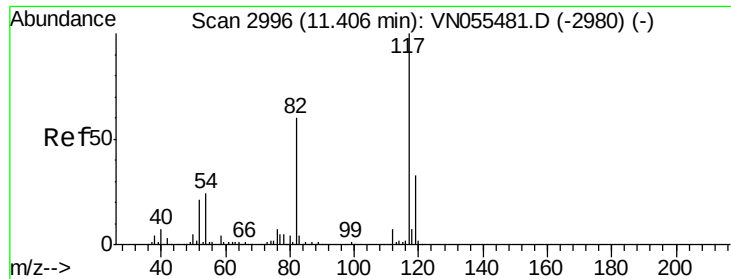


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

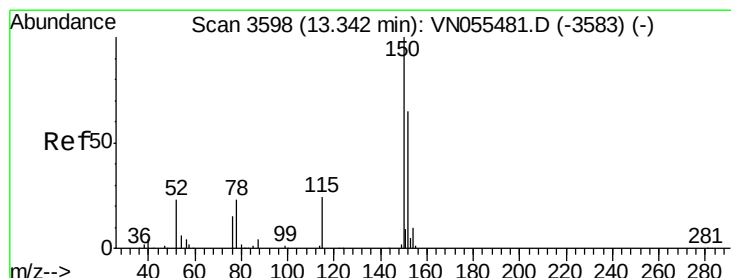
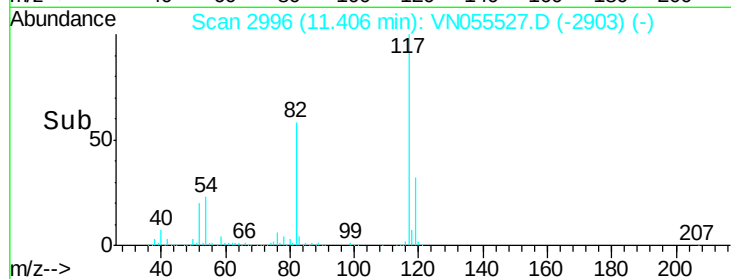
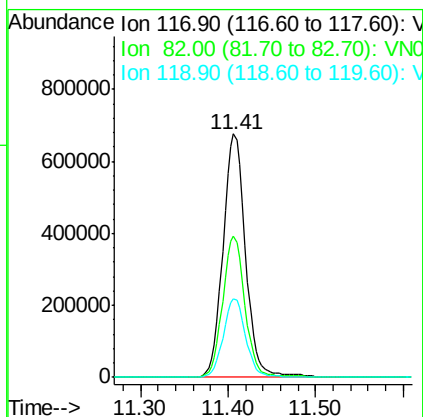
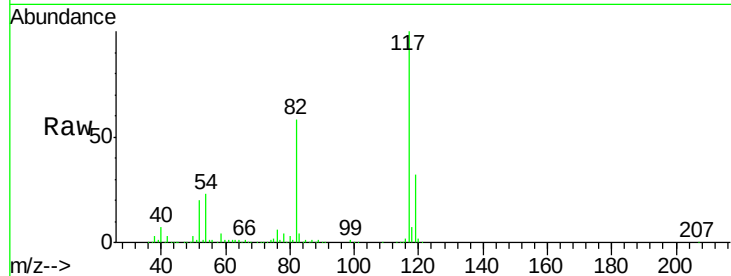




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055527.D
Acq: 10 May 2019 4:34

Instrument :
MSVOA_N
ClientSampleId :
CKMW-07

Tot Ion:117 Resp: 1209921
Ion Ratio Lower Upper
117 100
82 58.0 48.0 72.0
119 32.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055527.D
Acq: 10 May 2019 4:34

Tgt Ion:152 Resp: 315211
Ion Ratio Lower Upper
152 100
115 60.1 30.1 90.5
150 158.6 0.0 355.0

