

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055521.D
 Acq On : 10 May 2019 2:04
 Operator : JC/SP
 Sample : K2758-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CKMW-18

Quant Time: May 10 13:51:57 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	897923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1495298	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1254530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	336804	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	612839	45.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.66%	
35) Dibromofluoromethane	7.59	113	470117	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
50) Toluene-d8	10.09	98	1817950	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
62) 4-Bromofluorobenzene	12.40	95	520817	41.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.18%	

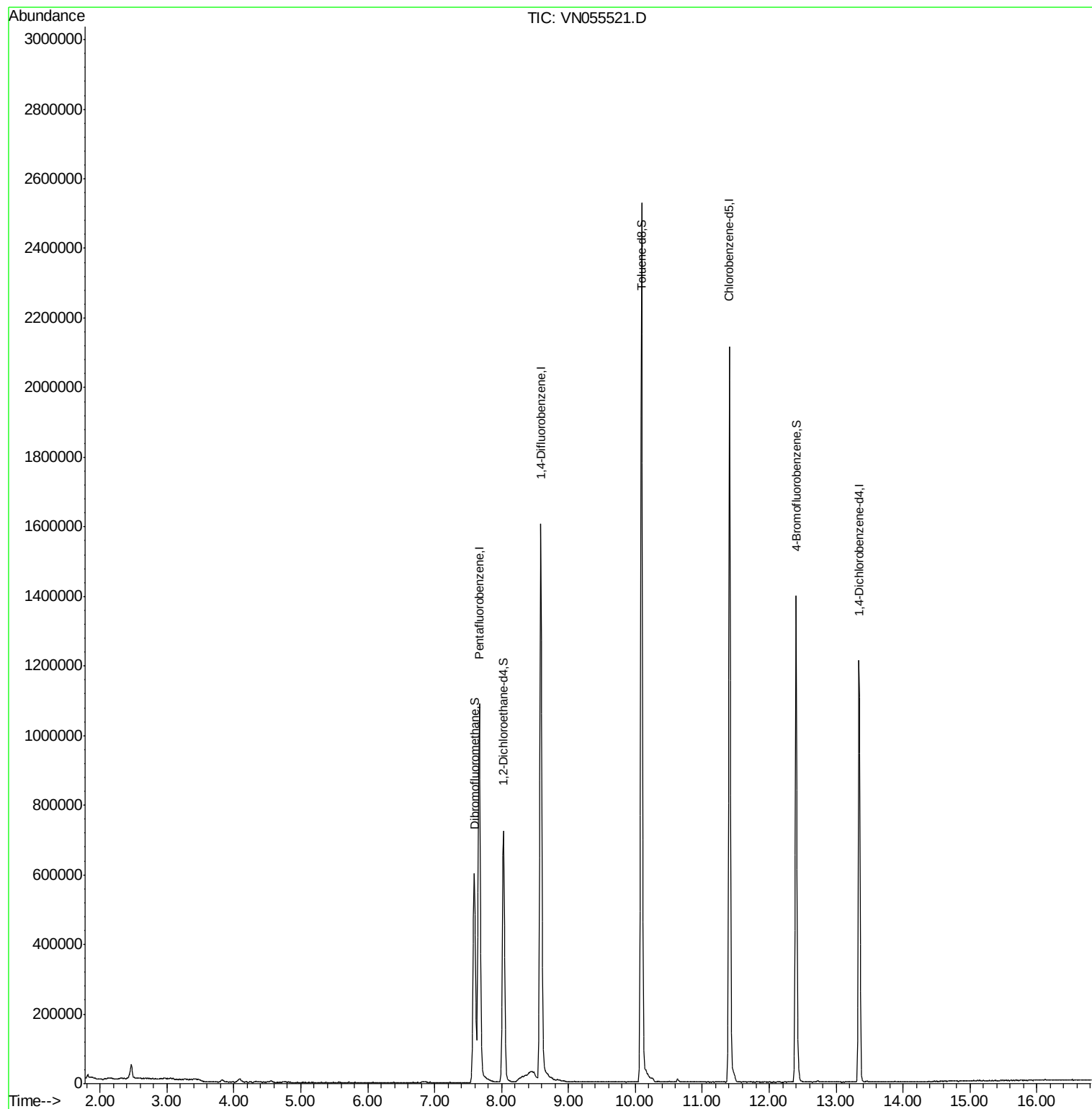
Target Compounds Qvalue

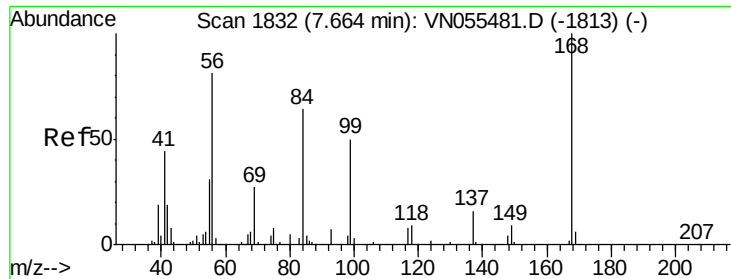
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055521.D

Acq: 10 May 2019 2:04

Instrument :

MSVOA_N

ClientSampleId :

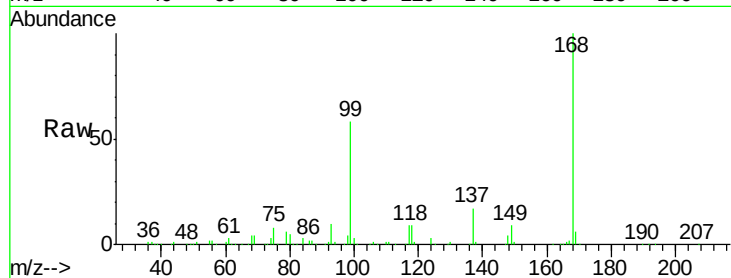
CKMW-18

Tot Ion:168 Resp: 897923

Ion Ratio Lower Upper

168 100

99 57.8 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): VN055521.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN055521.D (-1739) (-)

7.67

400000

300000

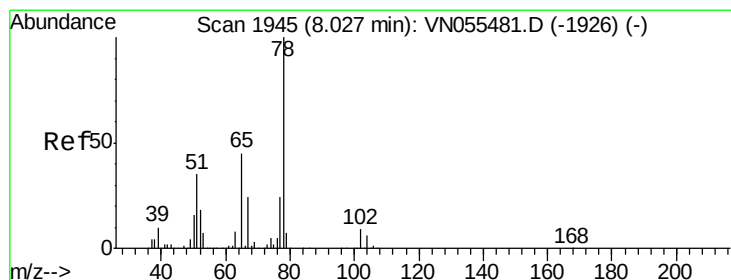
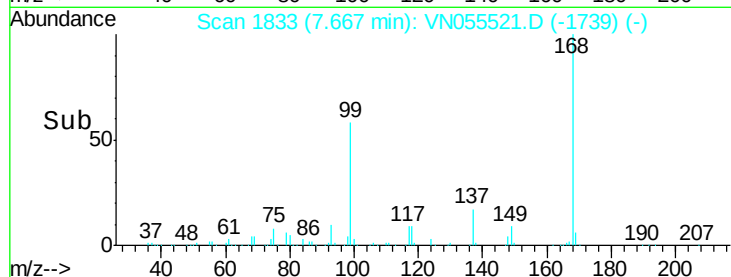
200000

100000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.329 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN055521.D

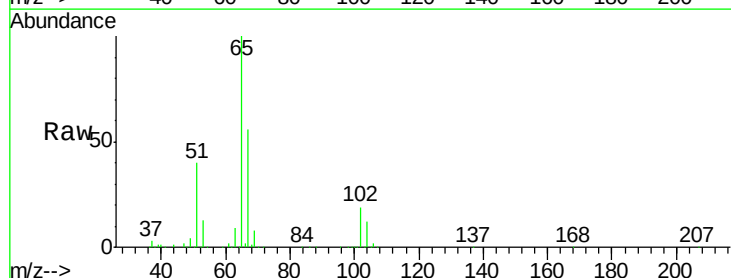
Acq: 10 May 2019 2:04

Tgt Ion: 65 Resp: 612839

Ion Ratio Lower Upper

65 100

67 54.8 0.0 109.6



Abundance Ion 64.90 (64.60 to 65.60): VN055521.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN055521.D (-1852) (-)

8.03

300000

250000

200000

150000

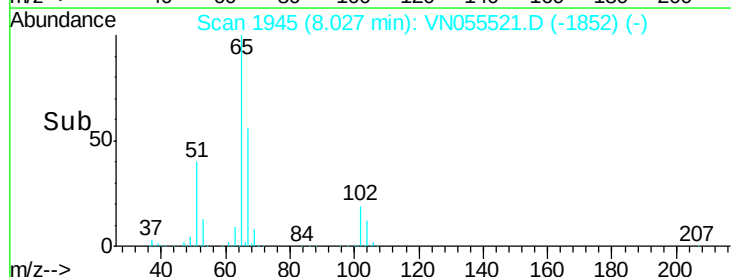
100000

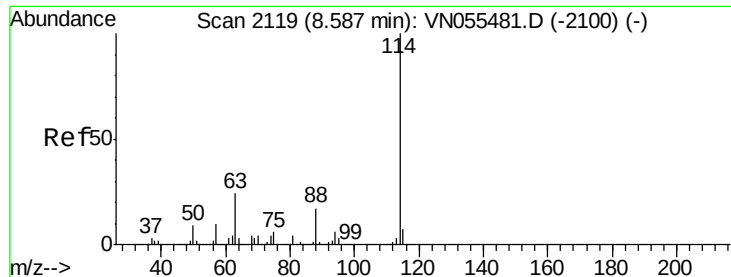
50000

0

7.90 8.00 8.10

Time-->



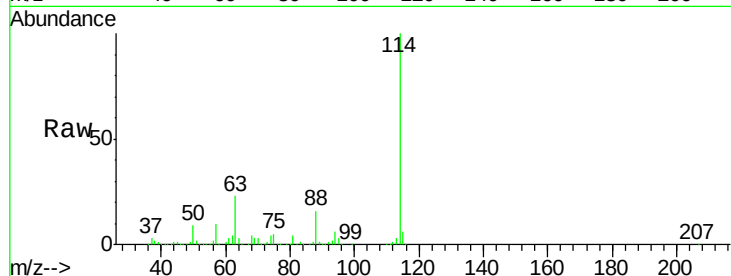


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055521.D
 Acq: 10 May 2019 2:04

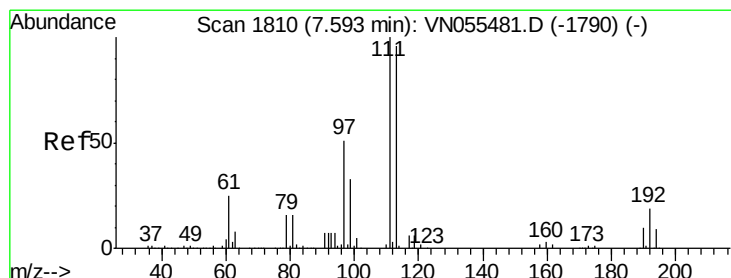
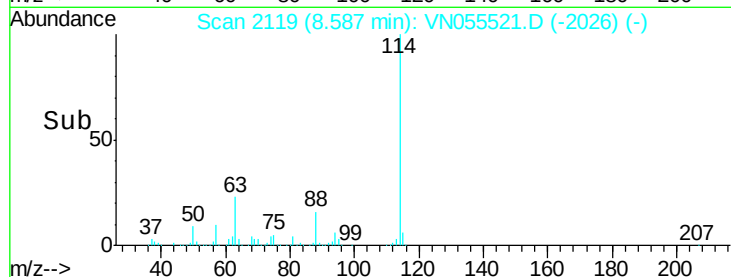
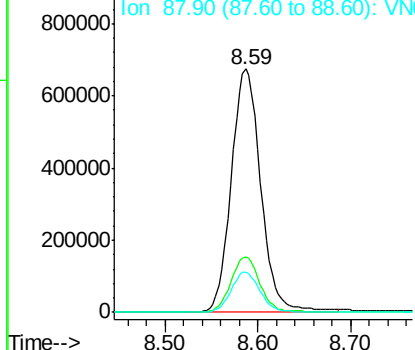
Instrument :
 MSVOA_N
 ClientSampleId :
 CKMW-18

Tot Ion:114 Resp: 1495298

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	47.4
88	16.4	0.0	34.0



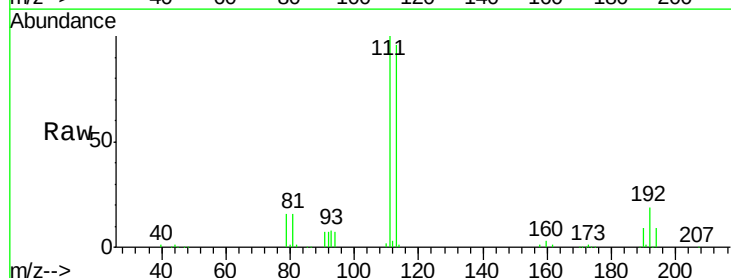
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



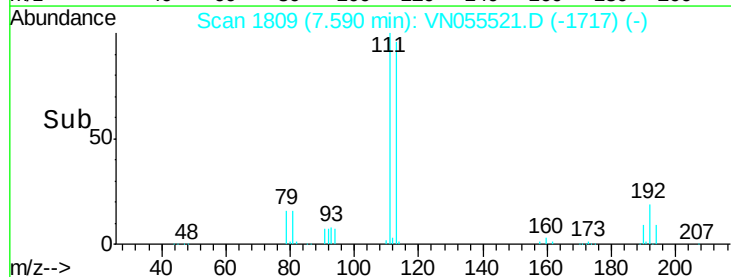
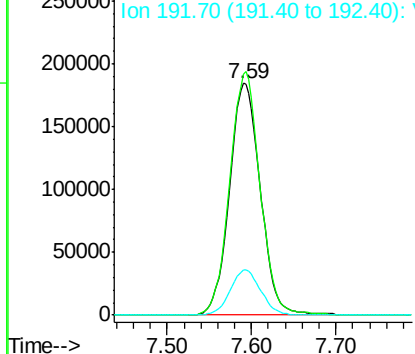
#35
 Dibromofluoromethane
 Concen: 48.738 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055521.D
 Acq: 10 May 2019 2:04

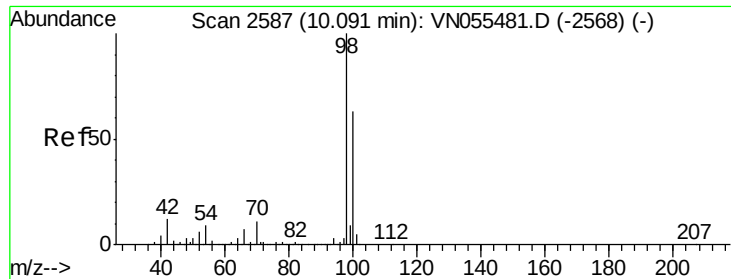
Tgt Ion:113 Resp: 470117

Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.9	124.3
192	19.2	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: 48.364 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055521.D

Acq: 10 May 2019 2:04

Instrument :

MSVOA_N

ClientSampled :

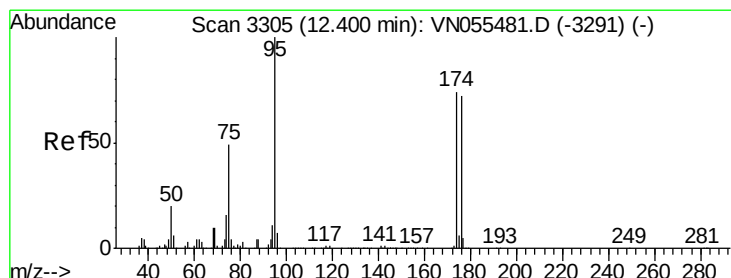
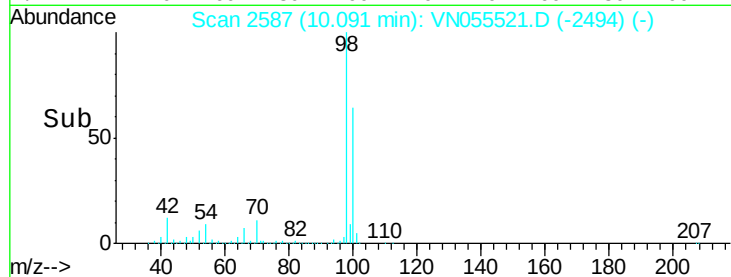
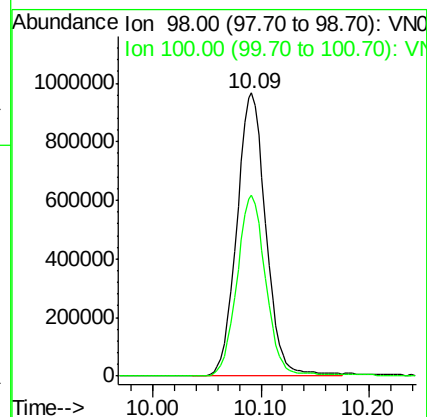
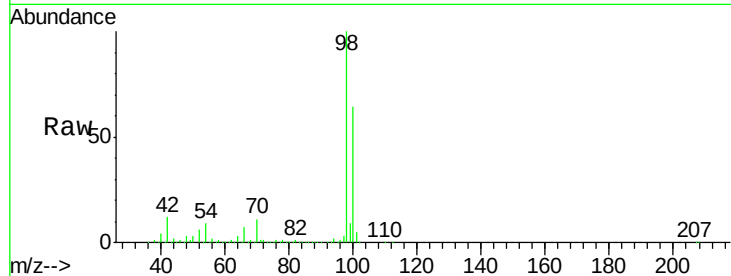
CKMW-18

Tot Ion: 98 Resp: 1817950

Ion Ratio Lower Upper

98 100

100 64.0 50.4 75.6



#62

4-Bromofluorobenzene

Concen: 41.092 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055521.D

Acq: 10 May 2019 2:04

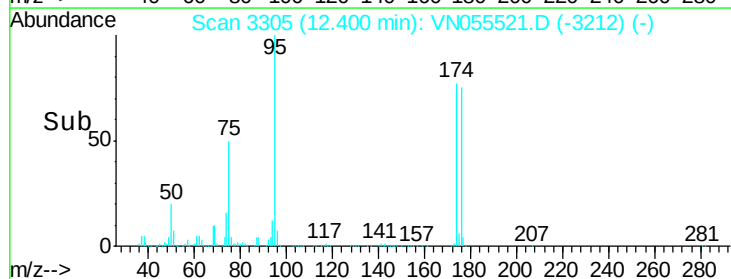
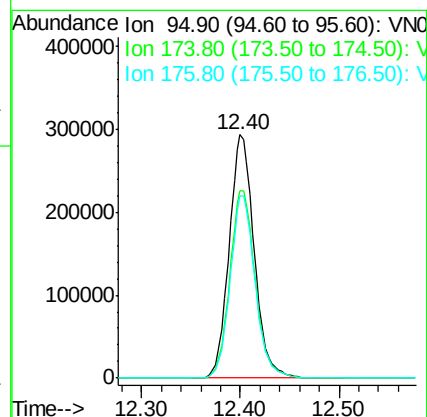
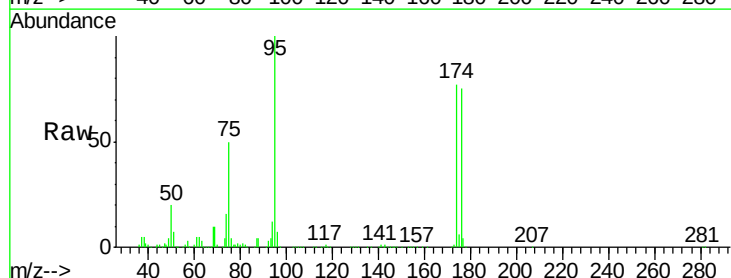
Tgt Ion: 95 Resp: 520817

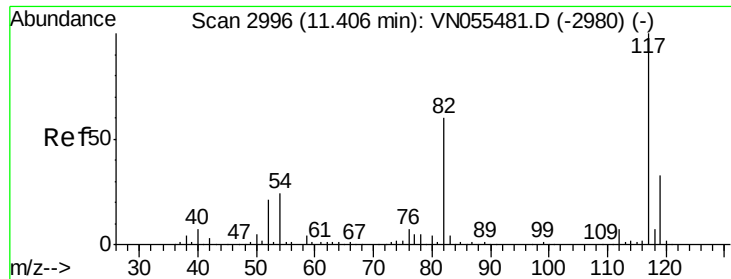
Ion Ratio Lower Upper

95 100

174 78.2 0.0 152.2

176 74.9 0.0 147.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055521.D

Acq: 10 May 2019 2:04

Instrument :

MSVOA_N

ClientSampleId :

CKMW-18

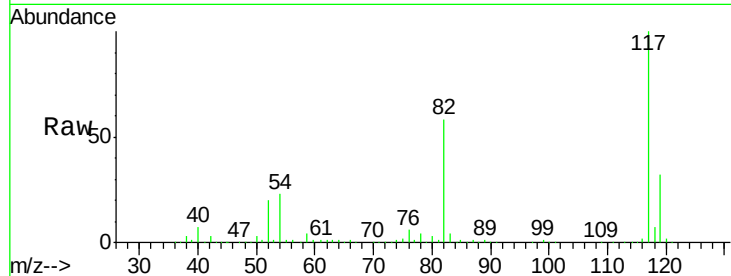
Tot Ion:117 Resp: 1254530

Ion Ratio Lower Upper

117 100

82 58.1 48.0 72.0

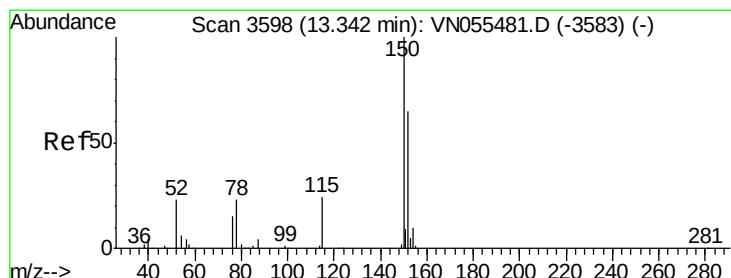
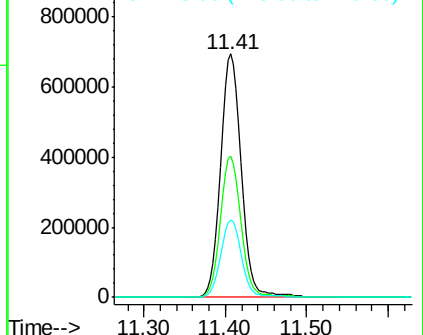
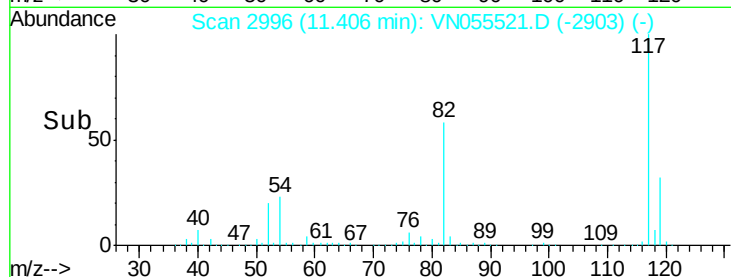
119 31.7 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055521.D

Acq: 10 May 2019 2:04

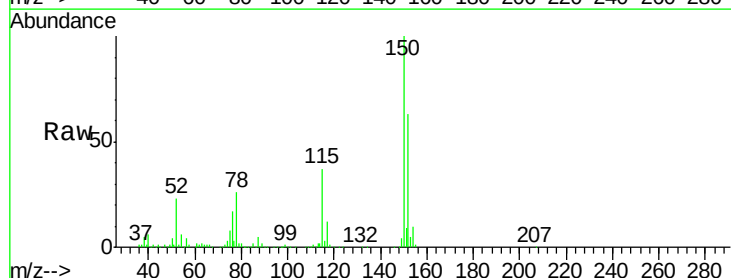
Tgt Ion:152 Resp: 336804

Ion Ratio Lower Upper

152 100

115 58.8 30.1 90.5

150 160.2 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

