

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055531.D
 Acq On : 10 May 2019 6:15
 Operator : JC/SP
 Sample : K2758-24
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CKMW-21

Quant Time: May 10 13:56:40 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	845522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1405692	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1178492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	326609	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	575840	45.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.46%	
35) Dibromofluoromethane	7.59	113	445951	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
50) Toluene-d8	10.09	98	1694679	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
62) 4-Bromofluorobenzene	12.40	95	495353	41.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.14%	

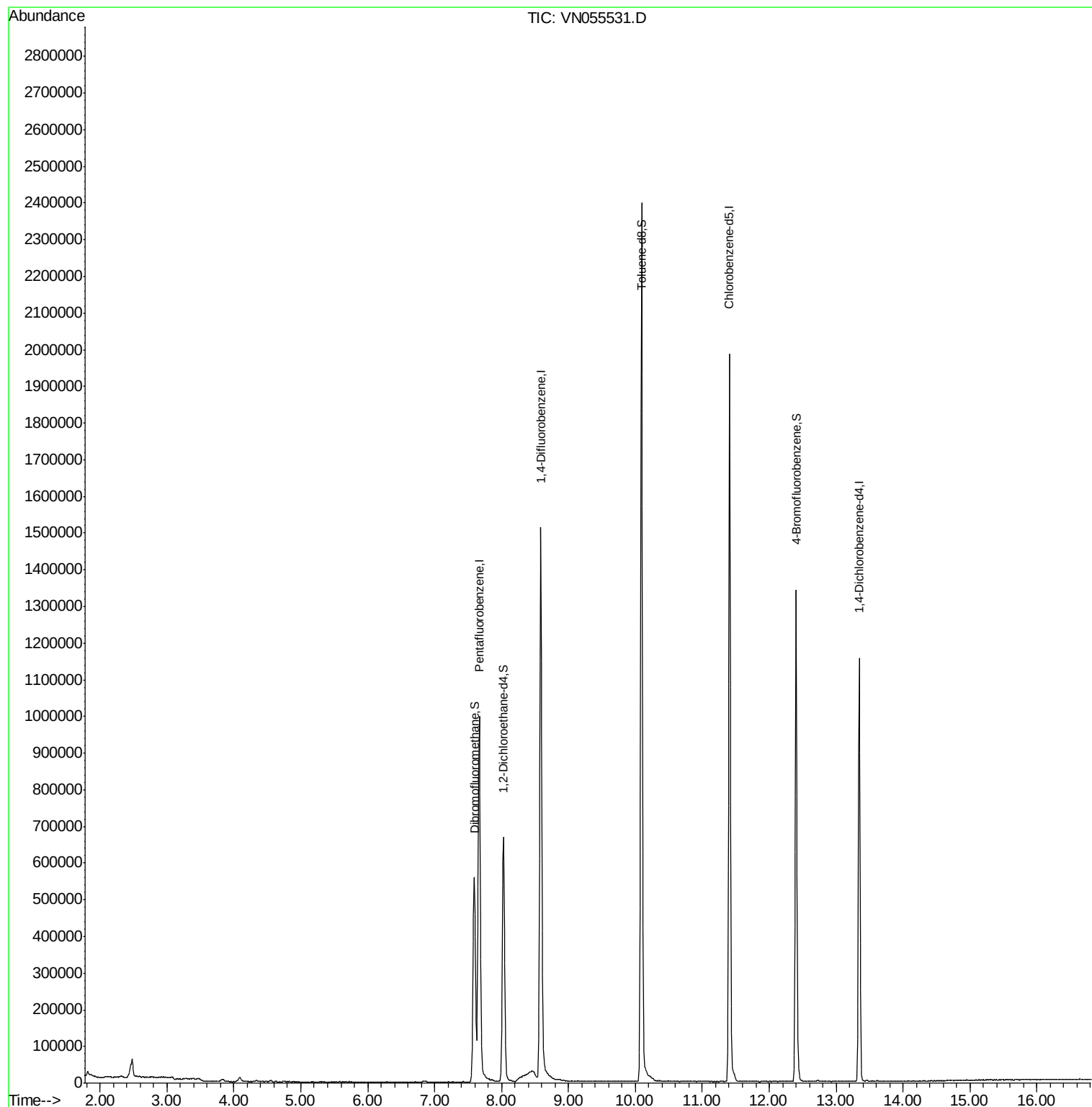
Target Compounds	Qvalue

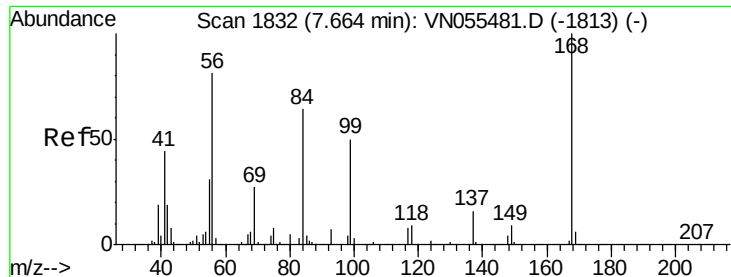
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055531.D

Acq: 10 May 2019 6:15

Instrument :

MSVOA_N

ClientSampleId :

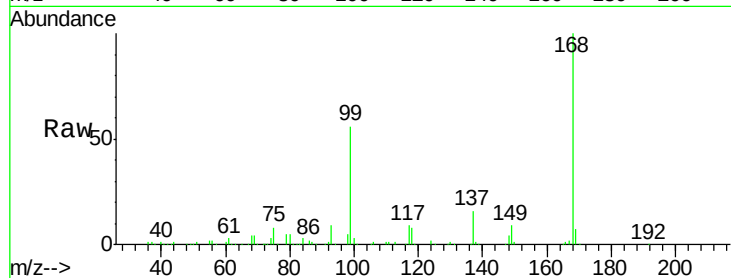
CKMW-21

Tot Ion:168 Resp: 845522

Ion Ratio Lower Upper

168 100

99 56.5 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

7.67

400000

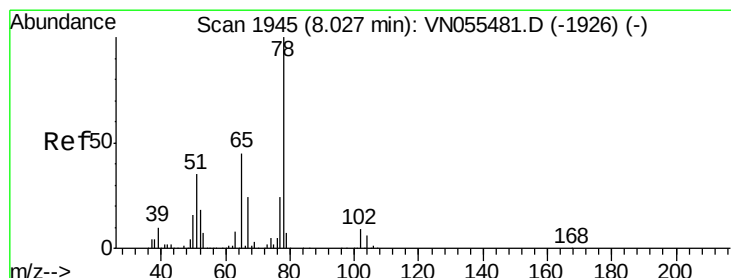
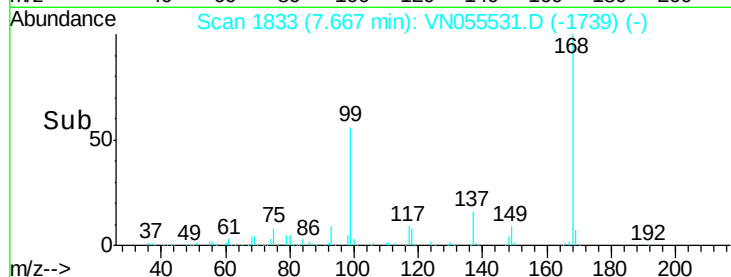
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.232 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN055531.D

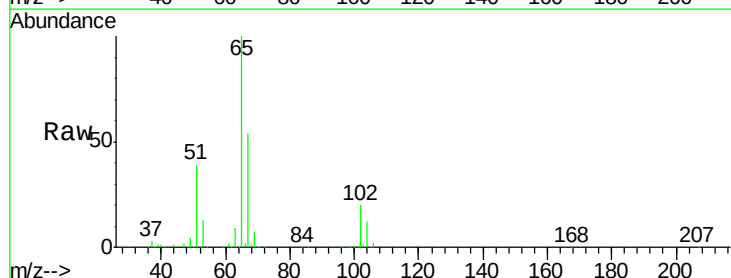
Acq: 10 May 2019 6:15

Tgt Ion: 65 Resp: 575840

Ion Ratio Lower Upper

65 100

67 53.5 0.0 109.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

250000

200000

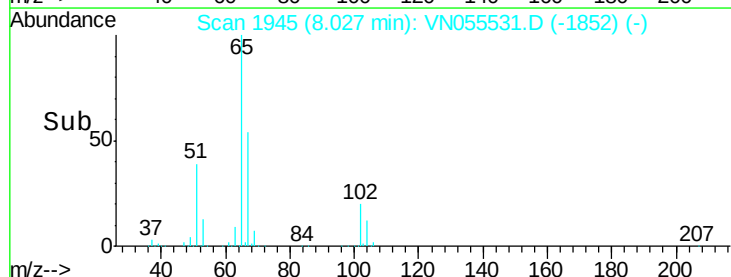
150000

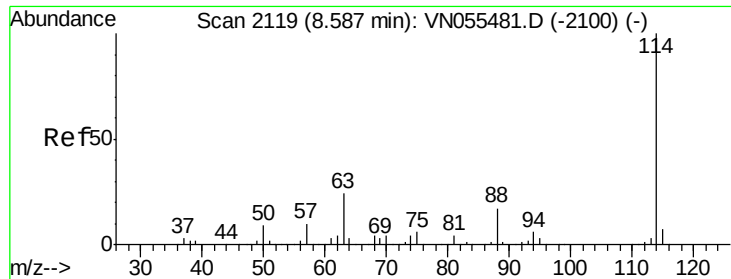
100000

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: VN055531.D

Acq: 10 May 2019 6:15

Instrument :

MSVOA_N

ClientSampleId :

CKMW-21

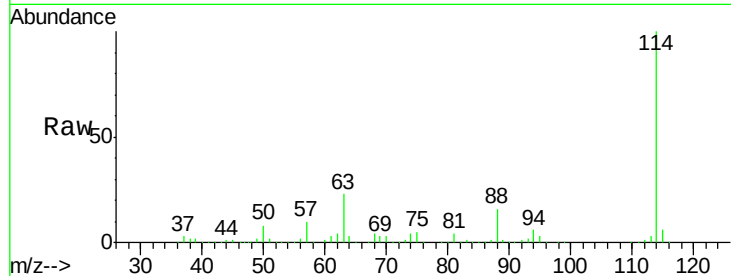
Tot Ion:114 Resp: 1405692

Ion Ratio Lower Upper

114 100

63 22.8 0.0 47.4

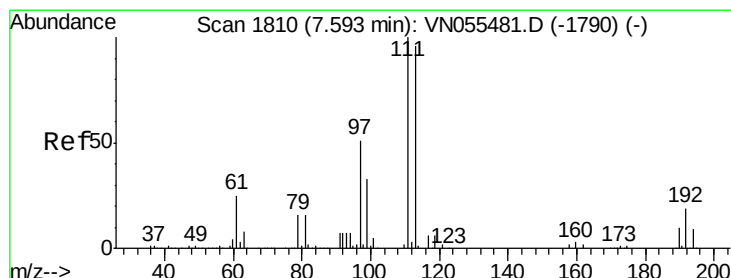
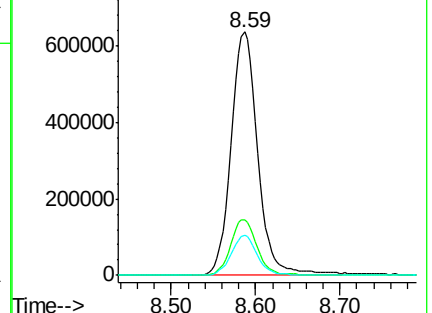
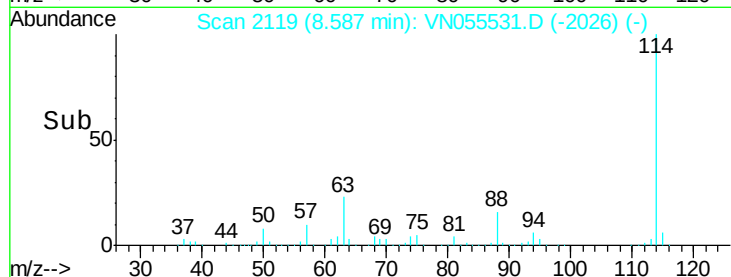
88 16.2 0.0 34.0



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: 49.179 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055531.D

Acq: 10 May 2019 6:15

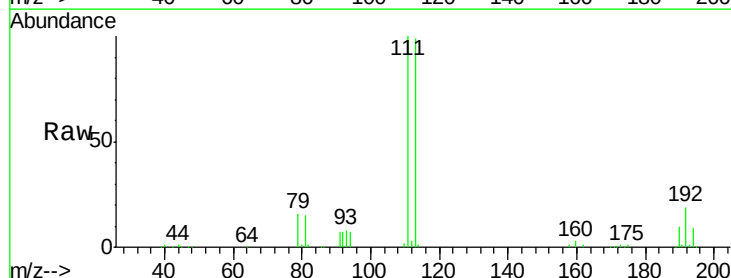
Tgt Ion:113 Resp: 445951

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

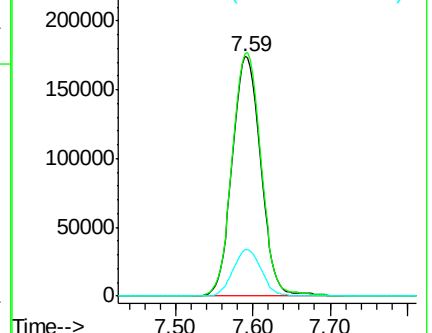
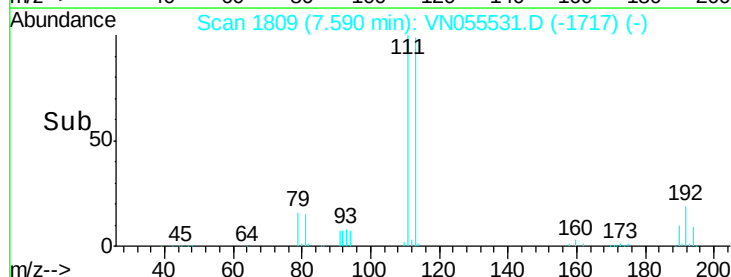
192 19.1 15.6 23.4

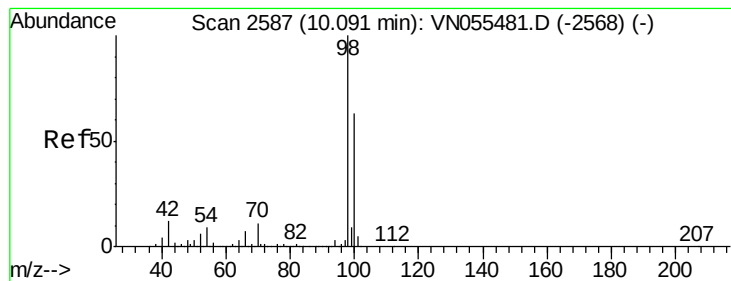


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.958 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055531.D

Acq: 10 May 2019 6:15

Instrument :

MSVOA_N

ClientSampled :

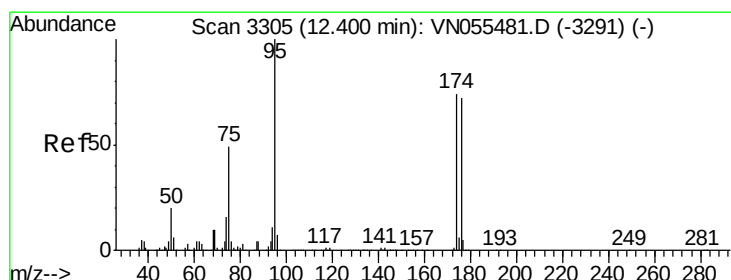
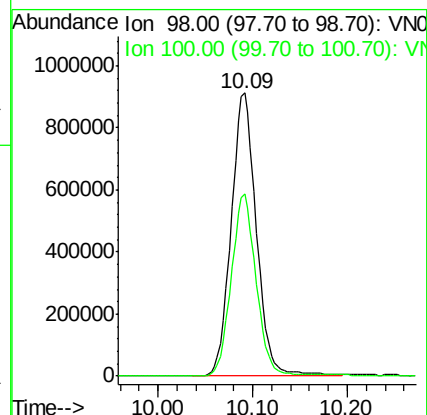
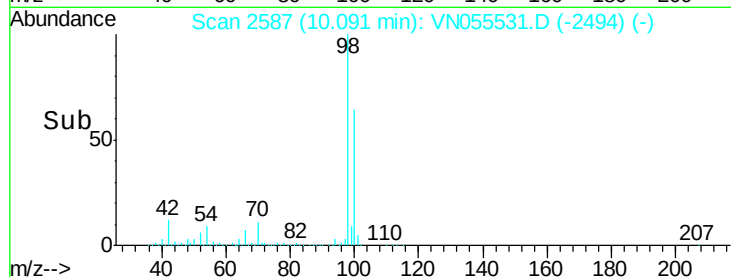
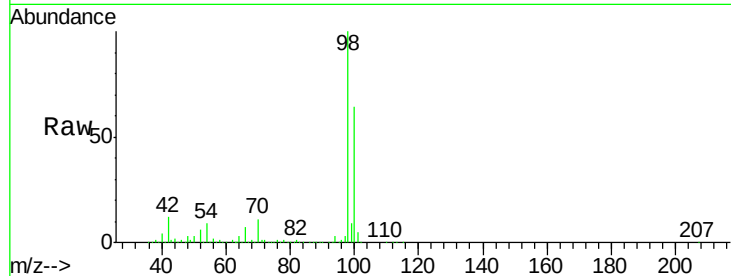
CKMW-21

Tot Ion: 98 Resp: 1694679

Ion Ratio Lower Upper

98 100

100 63.7 50.4 75.6



#62

4-Bromofluorobenzene

Concen: 41.574 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055531.D

Acq: 10 May 2019 6:15

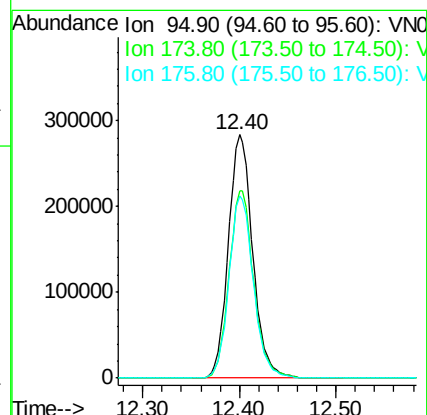
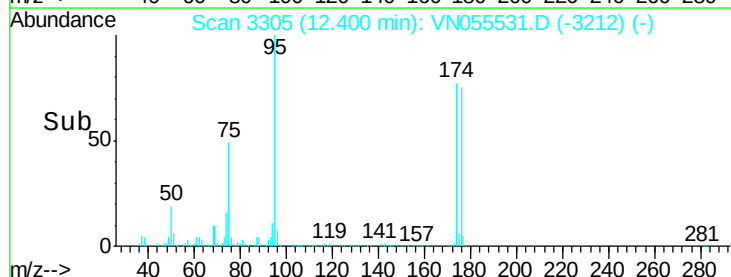
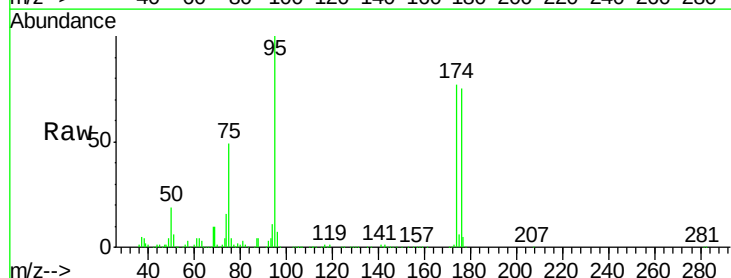
Tgt Ion: 95 Resp: 495353

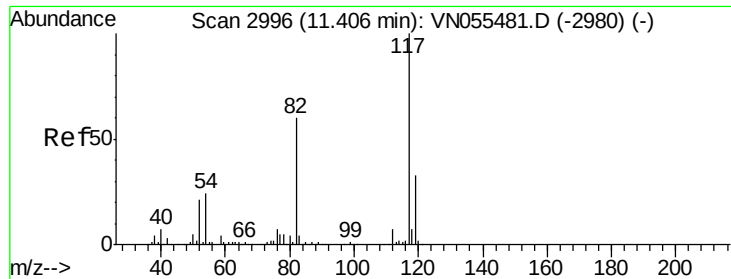
Ion Ratio Lower Upper

95 100

174 77.8 0.0 152.2

176 75.0 0.0 147.8

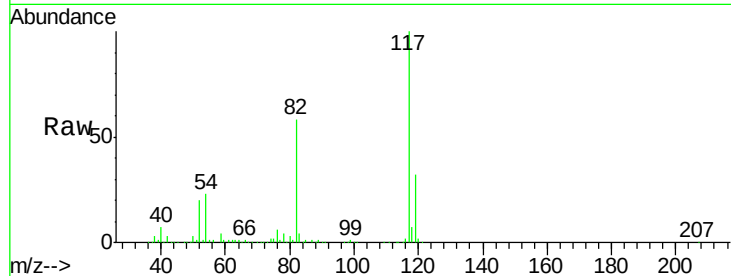




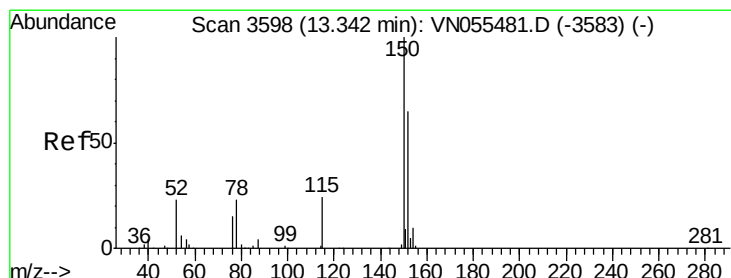
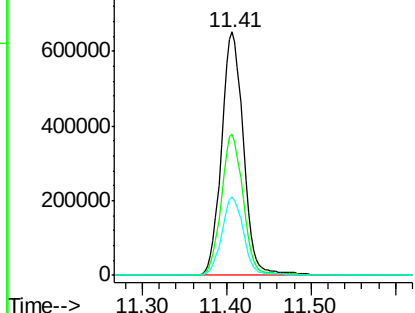
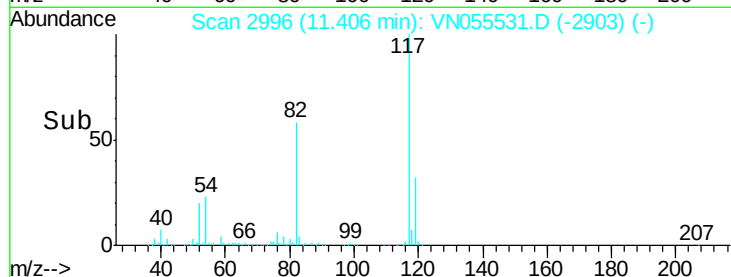
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055531.D
Acq: 10 May 2019 6:15

Instrument :
MSVOA_N
ClientSampleId :
CKMW-21

Tot Ion:117 Resp: 1178492
Ion Ratio Lower Upper
117 100
82 58.1 48.0 72.0
119 32.1 26.0 39.0

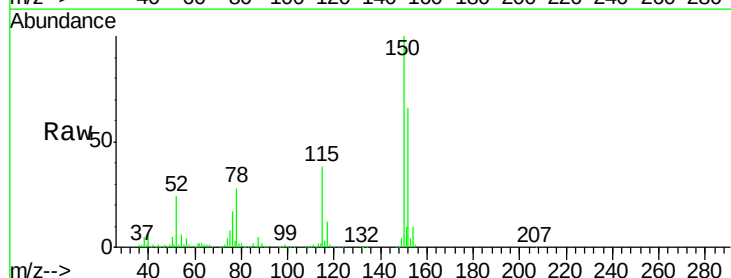


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN055531.D
Acq: 10 May 2019 6:15

Tgt Ion:152 Resp: 326609
Ion Ratio Lower Upper
152 100
115 58.8 30.1 90.5
150 154.8 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

