

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052419\
 Data File : VN055811.D
 Acq On : 24 May 2019 22:23
 Operator : JC/SP
 Sample : VN0524WBL03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524WBL03

Quant Time: May 25 05:22:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	424821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	599774	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	543435	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	187655	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	194680	44.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.74%	
35) Dibromofluoromethane	7.59	113	181702	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
50) Toluene-d8	10.09	98	711742	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
62) 4-Bromofluorobenzene	12.40	95	227506	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	

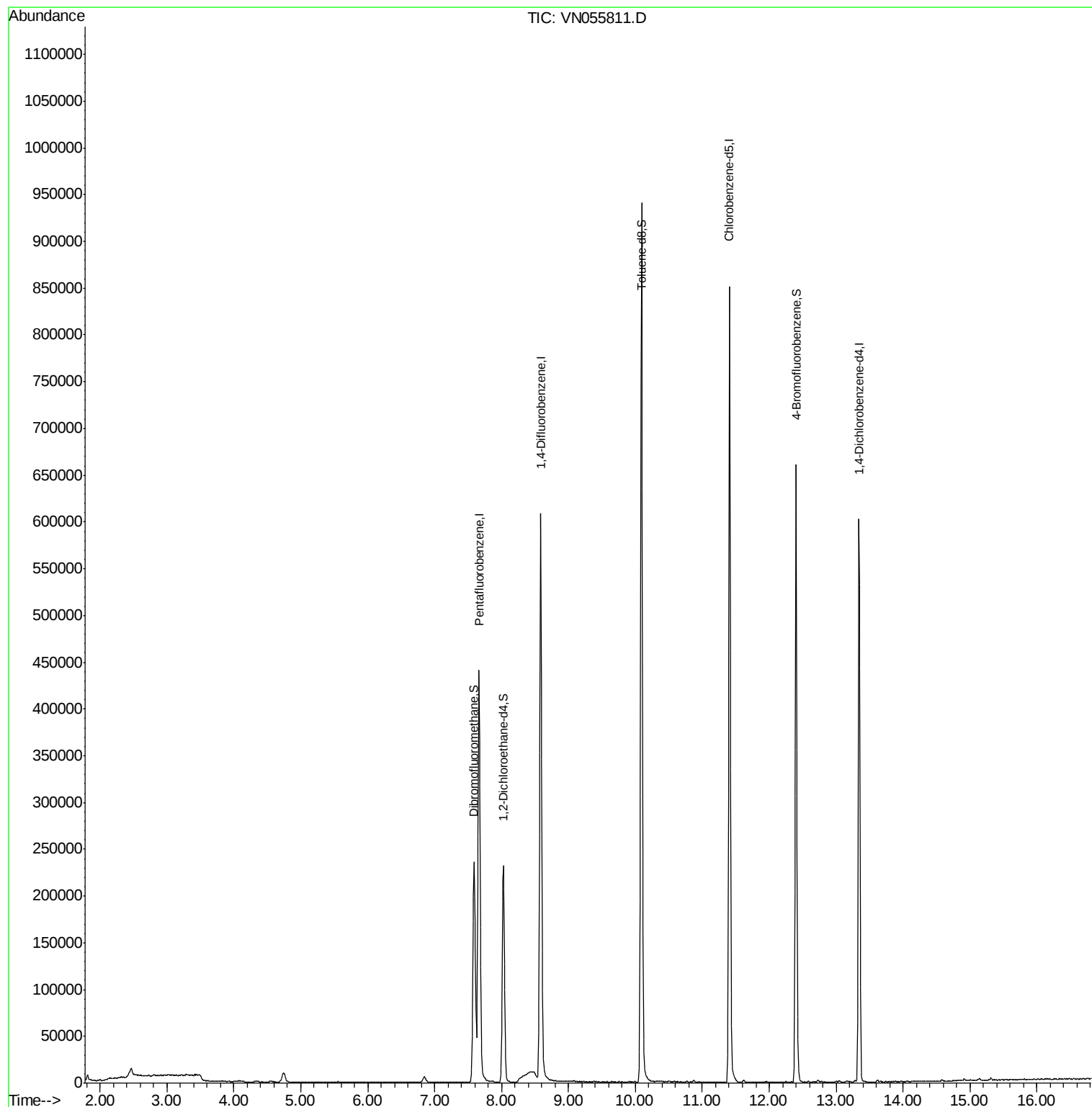
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055811.D

Acq: 24 May 2019 22:23

Instrument :

MSVOA_N

ClientSampleId :

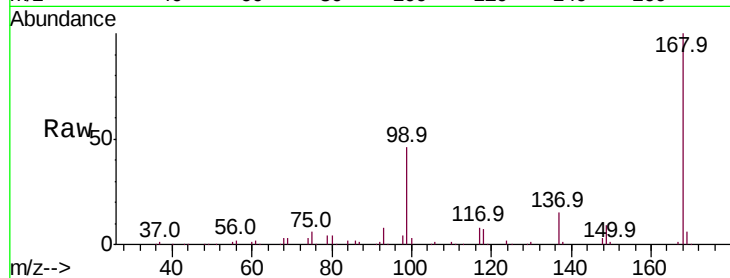
VN0524WBL03

Tot Ion:168 Resp: 424821

Ion Ratio Lower Upper

168 100

99 45.5 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

200000 Ion 98.90 (98.60 to 99.60): VN0

7.66

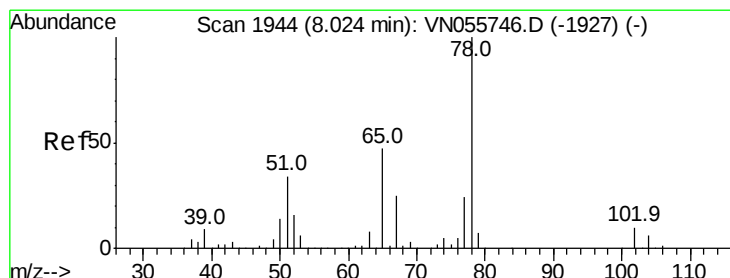
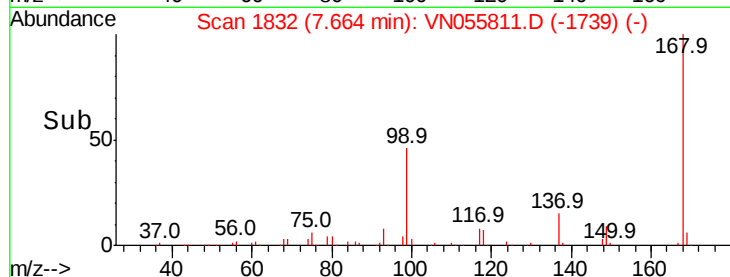
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 44.374 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055811.D

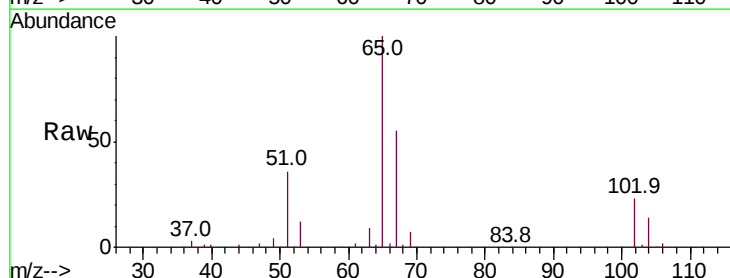
Acq: 24 May 2019 22:23

Tgt Ion: 65 Resp: 194680

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

100000 Ion 66.90 (66.60 to 67.60): VN0

8.03

80000

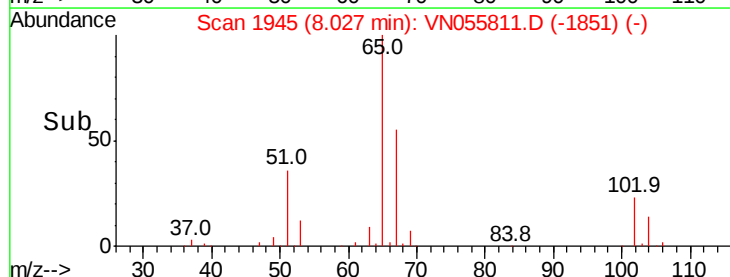
60000

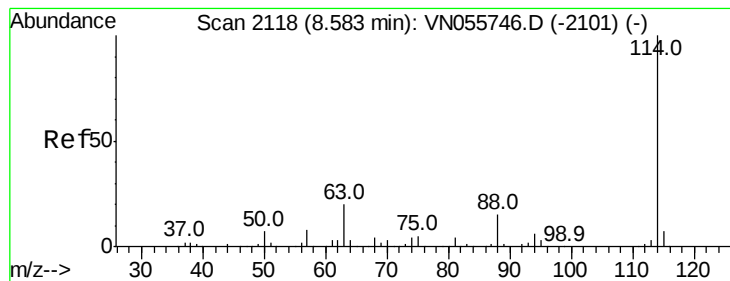
40000

20000

0

Time--> 7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN055811.D

Acq: 24 May 2019 22:23

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBL03

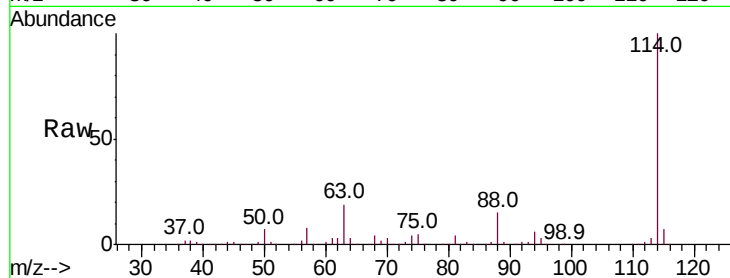
Tot Ion:114 Resp: 599774

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.2

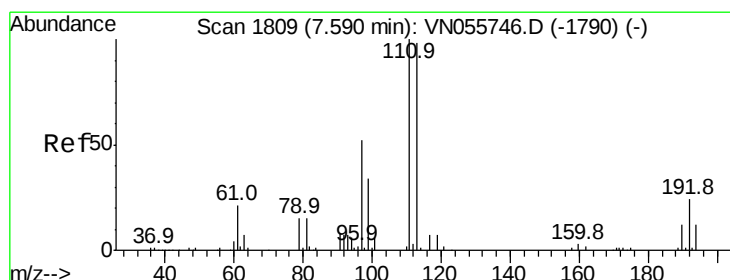
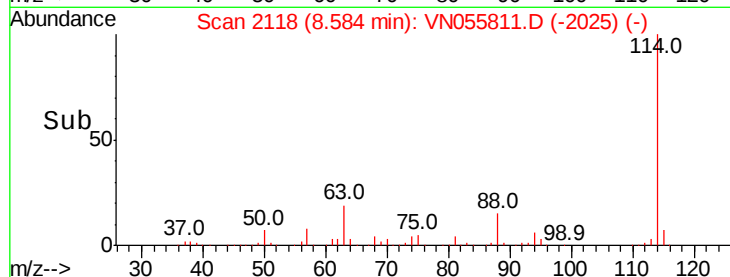
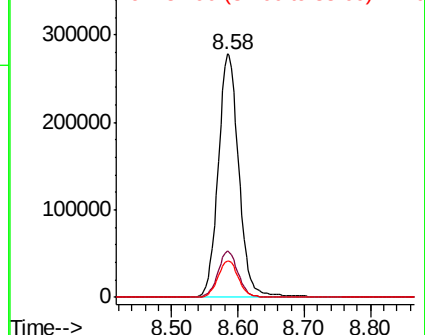
88 15.1 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 47.918 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055811.D

Acq: 24 May 2019 22:23

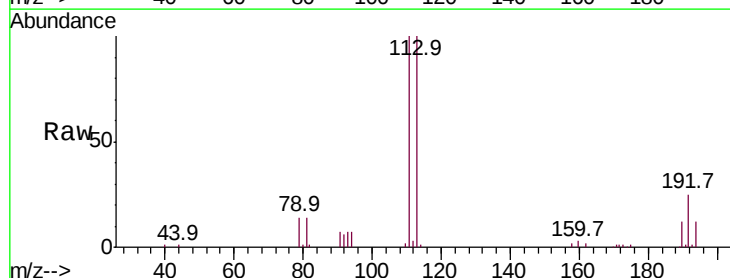
Tgt Ion:113 Resp: 181702

Ion Ratio Lower Upper

113 100

111 101.0 81.9 122.9

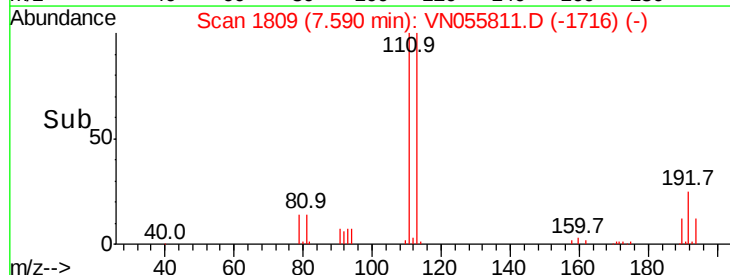
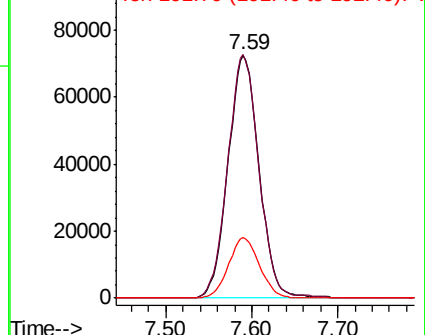
192 24.8 19.5 29.3

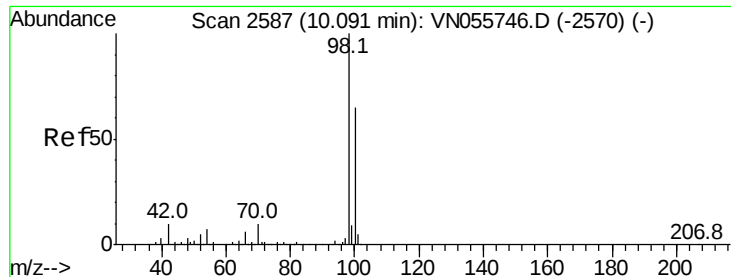


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.932 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055811.D

Acq: 24 May 2019 22:23

Instrument :

MSVOA_N

ClientSampleId :

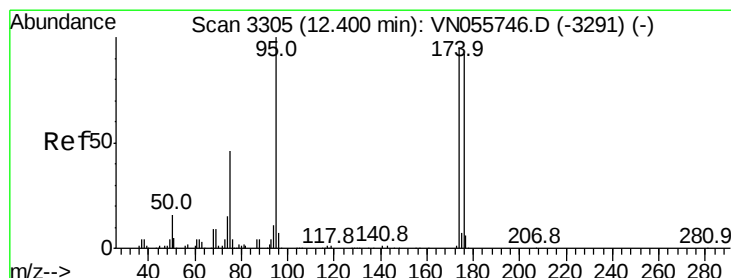
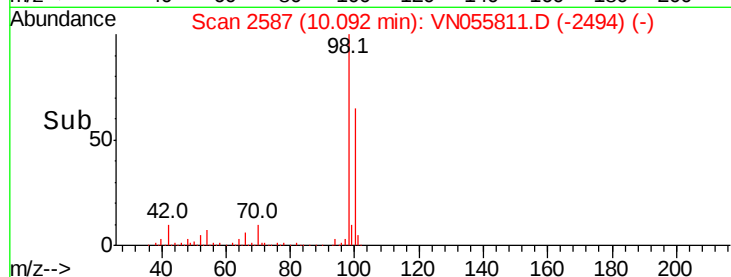
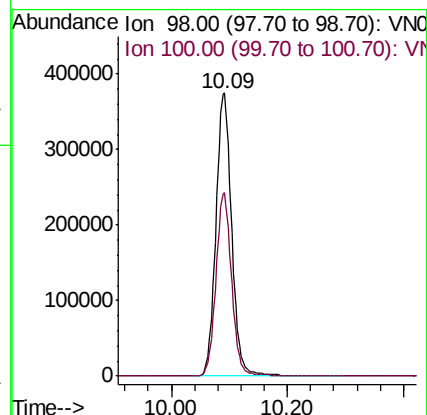
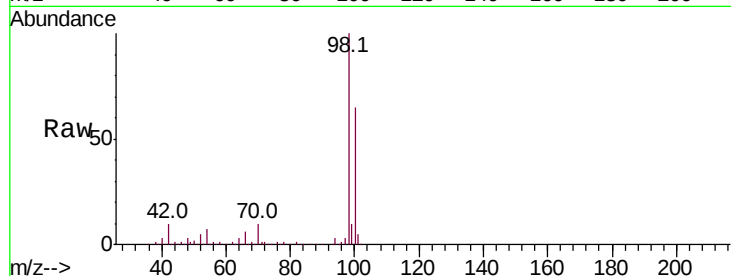
VN0524WBL03

Tot Ion: 98 Resp: 711742

Ion Ratio Lower Upper

98 100

100 64.3 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 45.615 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055811.D

Acq: 24 May 2019 22:23

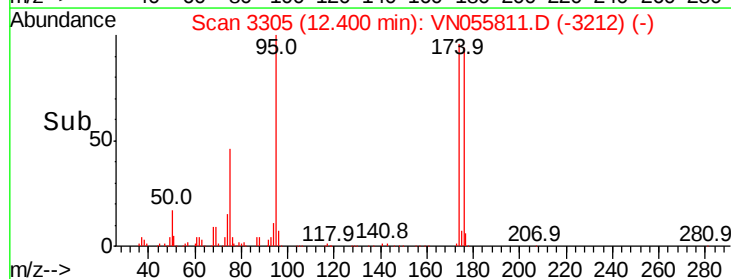
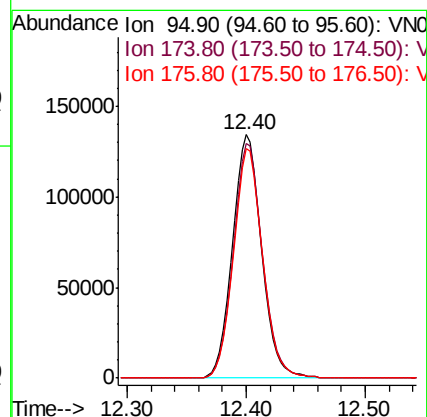
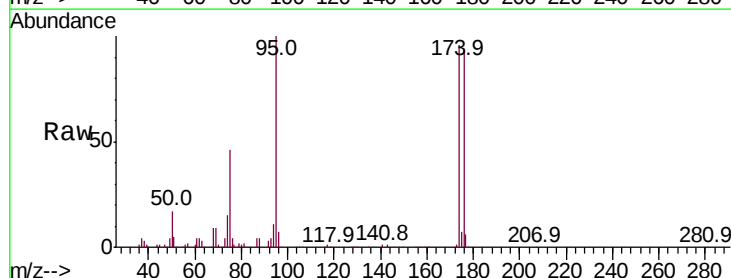
Tgt Ion: 95 Resp: 227506

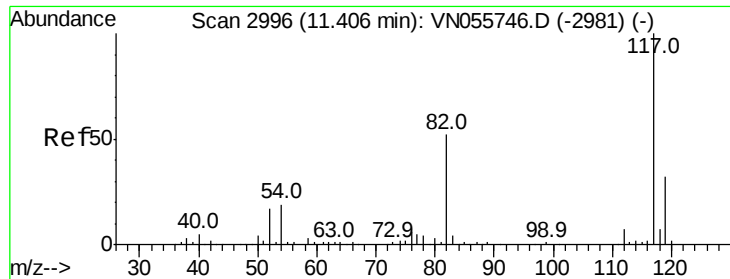
Ion Ratio Lower Upper

95 100

174 96.6 0.0 191.0

176 94.2 0.0 185.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055811.D

Acq: 24 May 2019 22:23

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBL03

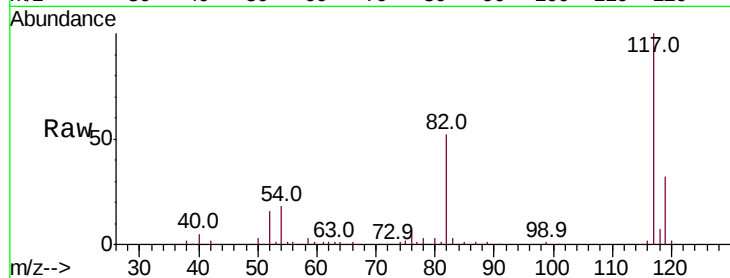
Tot Ion:117 Resp: 543435

Ion Ratio Lower Upper

117 100

82 51.9 41.8 62.8

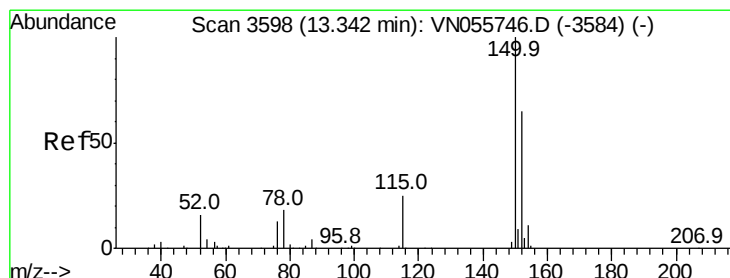
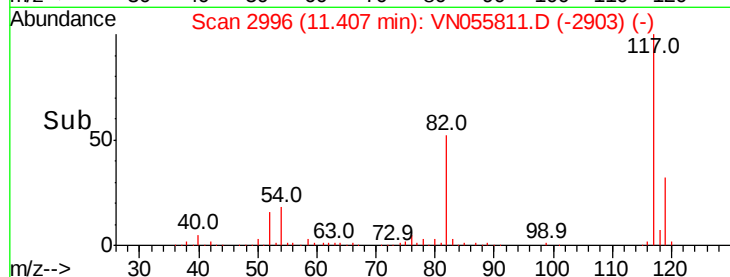
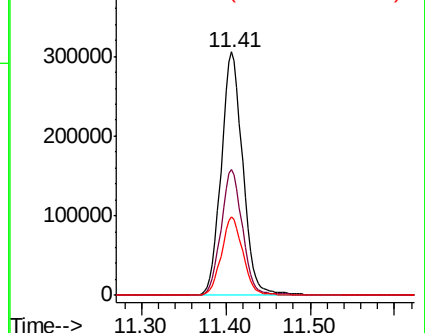
119 32.3 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): 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: VN055811.D

Acq: 24 May 2019 22:23

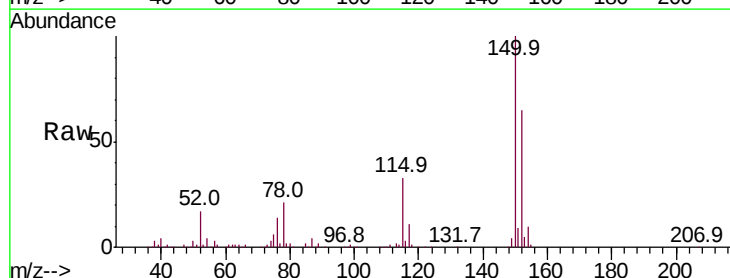
Tgt Ion:152 Resp: 187655

Ion Ratio Lower Upper

152 100

115 51.5 27.0 81.0

150 154.6 0.0 343.2



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

