

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056168.D
 Acq On : 10 Jun 2019 14:32
 Operator : JC/SP
 Sample : K3255-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE122D3-20190604

Quant Time: Jun 11 04:00:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

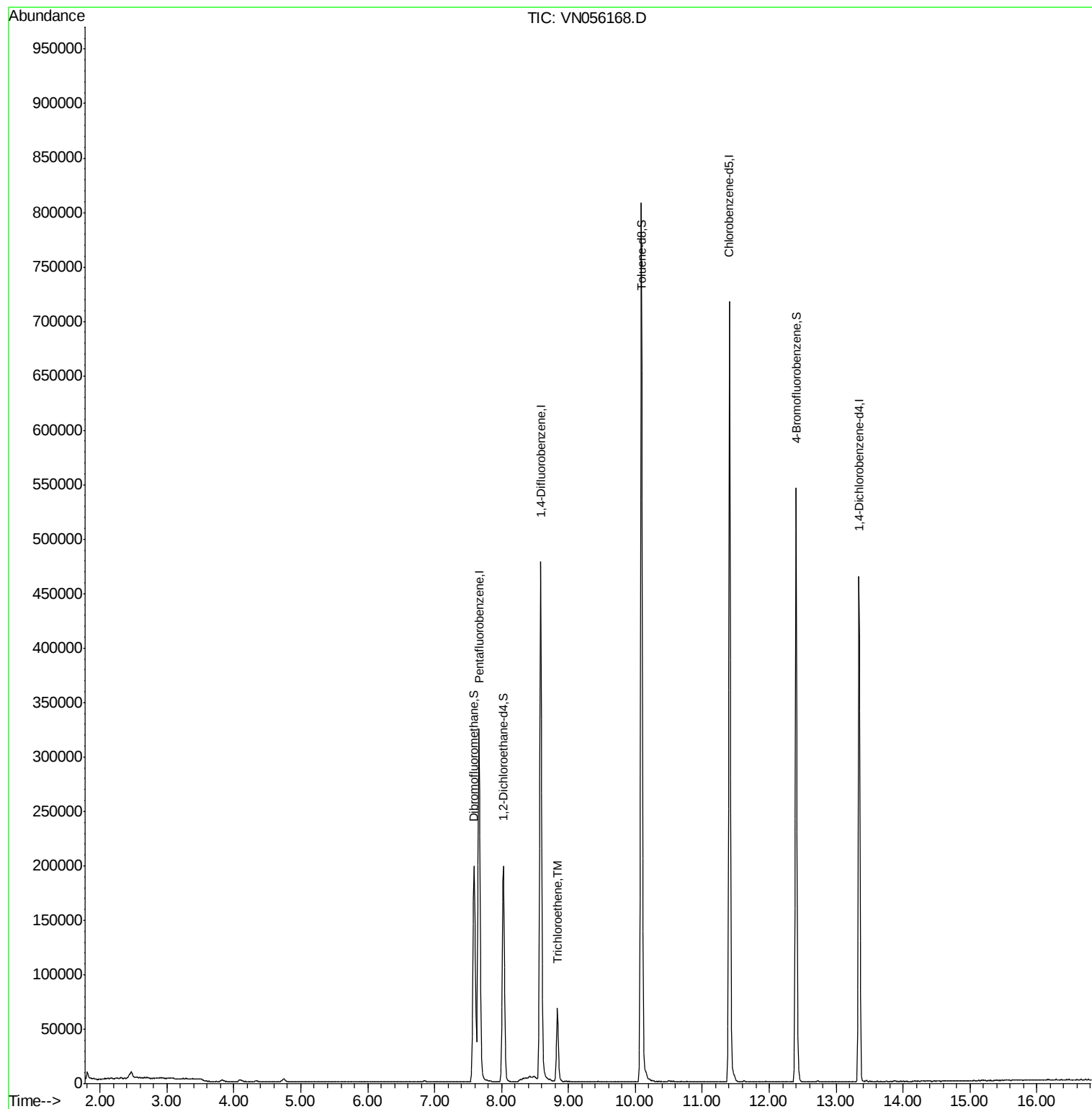
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	307043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	466881	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	456644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	145136	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	166549	54.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.26%	
35) Dibromofluoromethane	7.59	113	152414	53.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.42%	
50) Toluene-d8	10.09	98	606255	55.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.00%	
62) 4-Bromofluorobenzene	12.40	95	191451	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.14%	
Target Compounds						
44) Trichloroethene	8.83	130	26433	7.544	ug/l	Qvalue 97

(#) = 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: VN056168.D

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Instrument :

MSVOA_N

ClientSampleId :

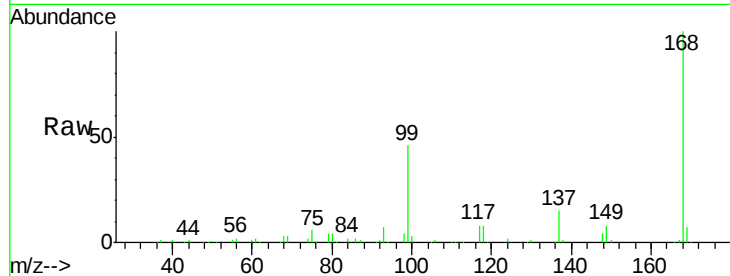
RE122D3-20190604

Tot Ion:168 Resp: 307043

Ion Ratio Lower Upper

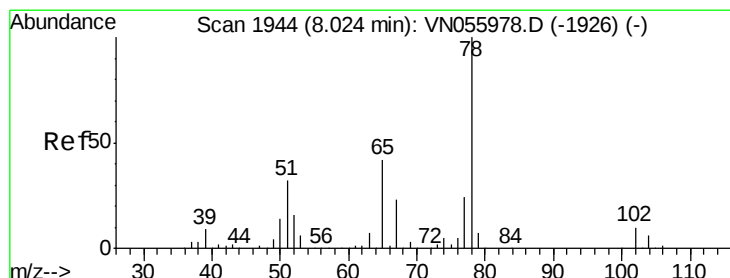
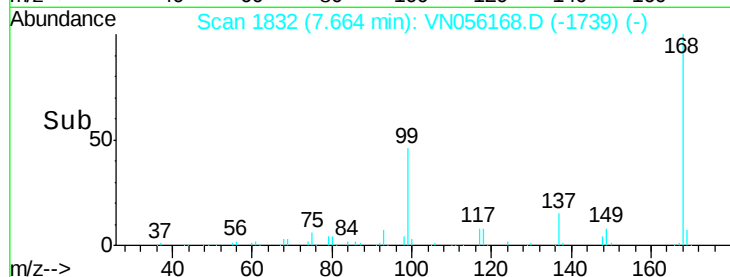
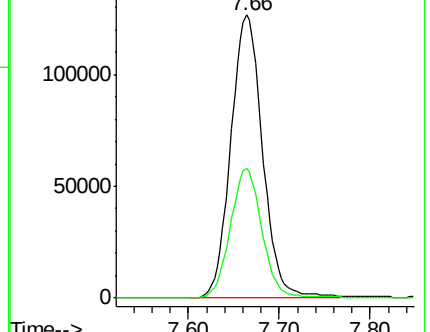
168 100

99 46.0 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 54.630 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056168.D

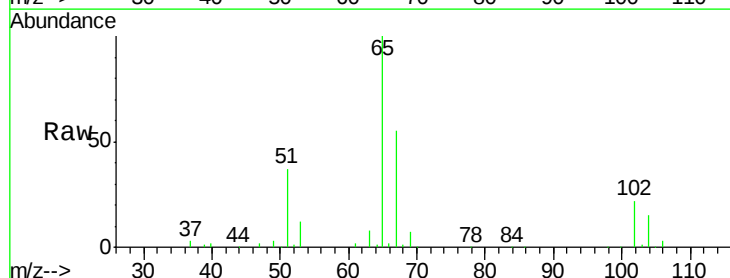
Acq: 10 Jun 2019 14:32

Tgt Ion: 65 Resp: 166549

Ion Ratio Lower Upper

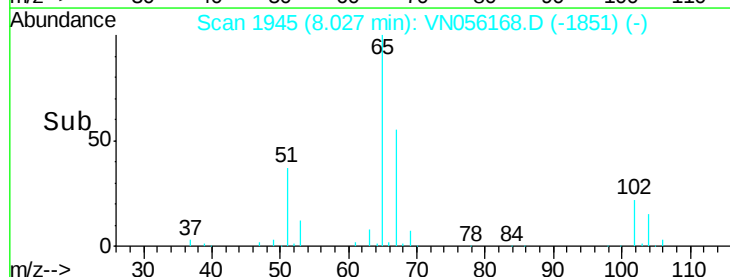
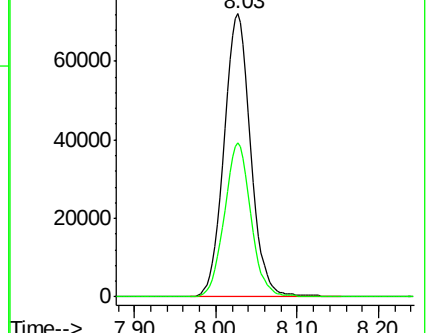
65 100

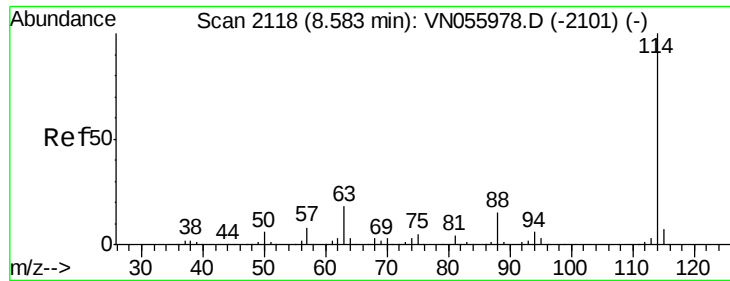
67 54.1 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

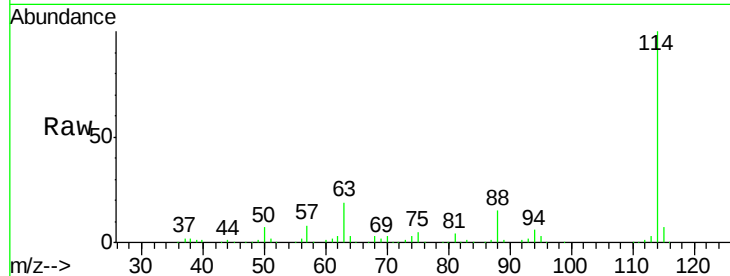




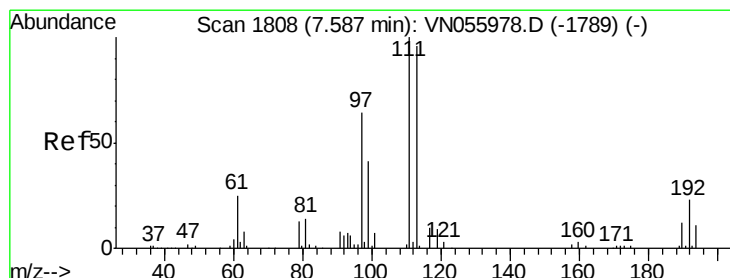
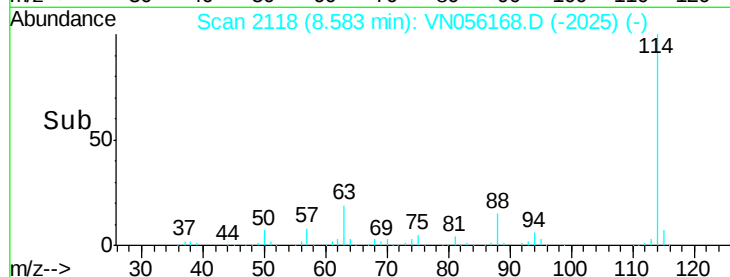
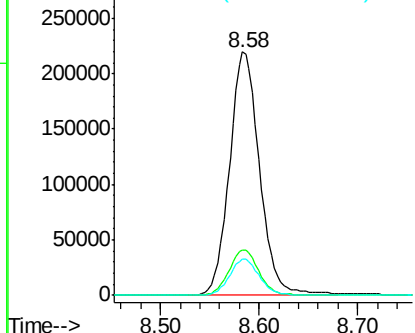
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN056168.D
Acq: 10 Jun 2019 14:32

Instrument :
MSVOA_N
ClientSampleId :
RE122D3-20190604

Tot Ion:114 Resp: 466881
Ion Ratio Lower Upper
114 100
63 18.7 0.0 39.2
88 15.0 0.0 31.0

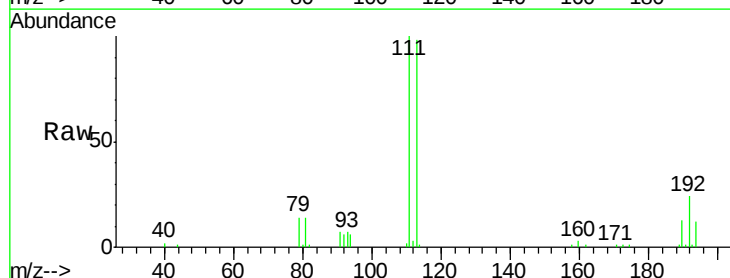


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

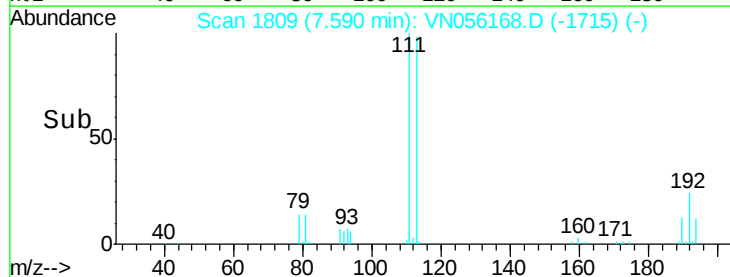
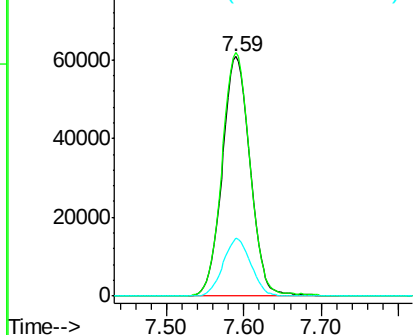


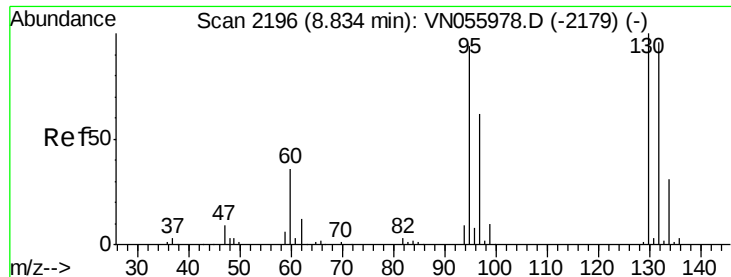
#35
Dibromofluoromethane
Concen: 53.208 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056168.D
Acq: 10 Jun 2019 14:32

Tgt Ion:113 Resp: 152414
Ion Ratio Lower Upper
113 100
111 101.3 81.9 122.9
192 24.0 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





#44

Trichloroethene

Concen: 7.544 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056168.D

Acq: 10 Jun 2019 14:32

Instrument :

MSVOA_N

ClientSampleId :

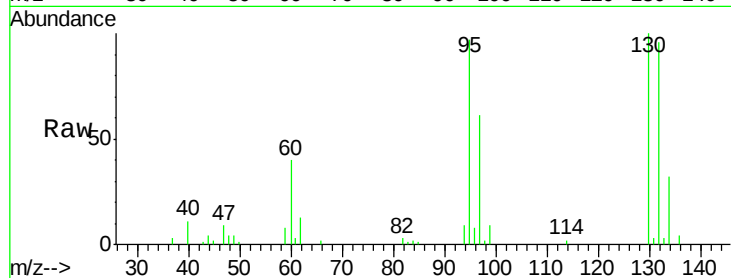
RE122D3-20190604

Tot Ion:130 Resp: 26433

Ion Ratio Lower Upper

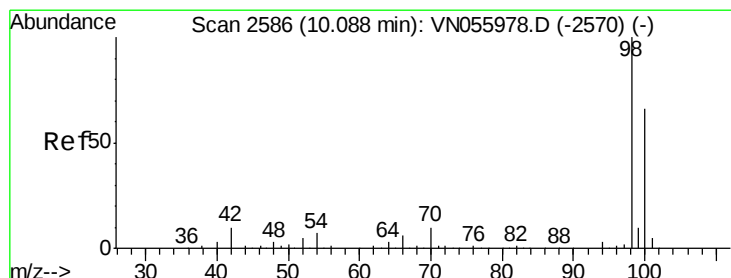
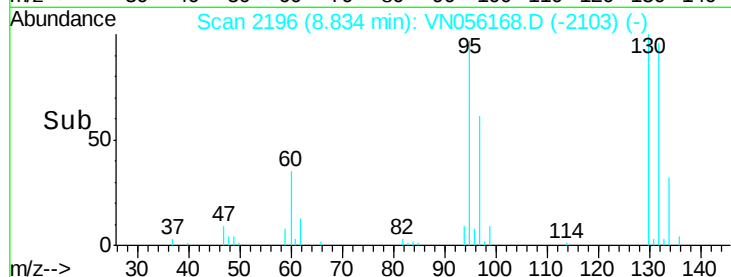
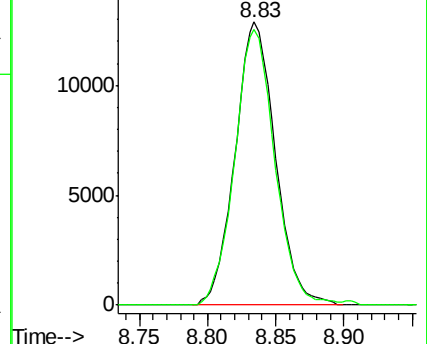
130 100

95 97.3 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 55.002 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056168.D

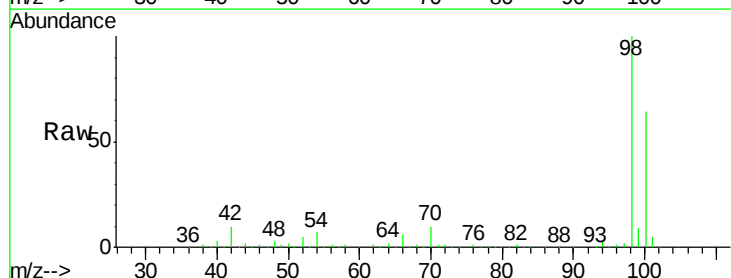
Acq: 10 Jun 2019 14:32

Tgt Ion: 98 Resp: 606255

Ion Ratio Lower Upper

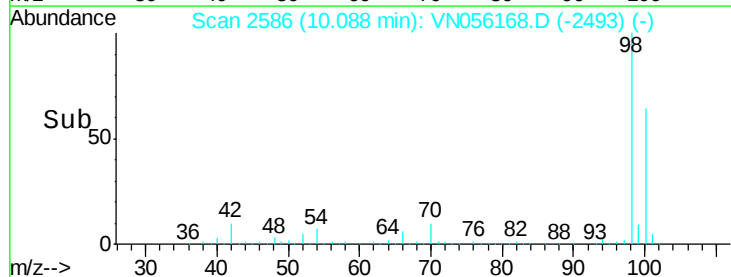
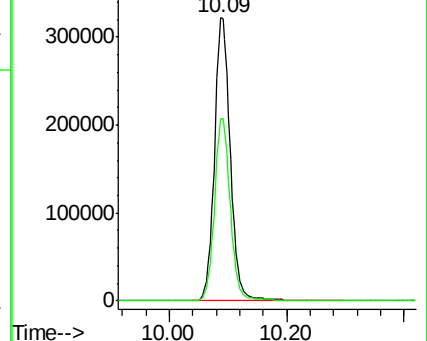
98 100

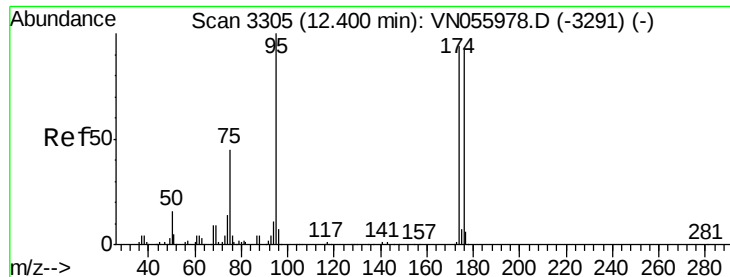
100 64.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 51.074 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056168.D

Acq: 10 Jun 2019 14:32

Instrument :

MSVOA_N

ClientSampleId :

RE122D3-20190604

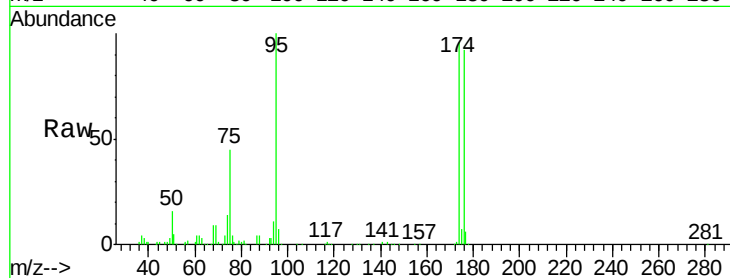
Tot Ion: 95 Resp: 191451

Ion Ratio Lower Upper

95 100

174 97.5 0.0 191.0

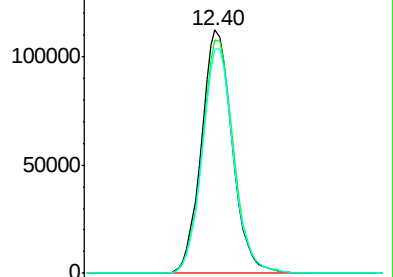
176 93.8 0.0 185.2



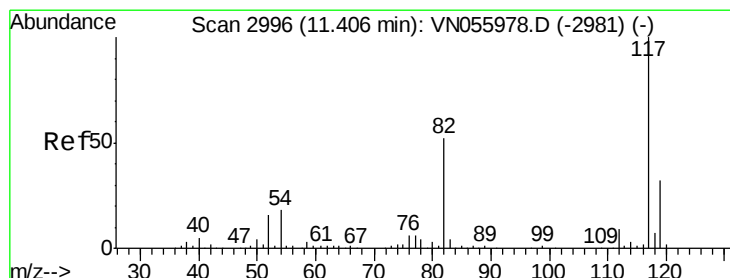
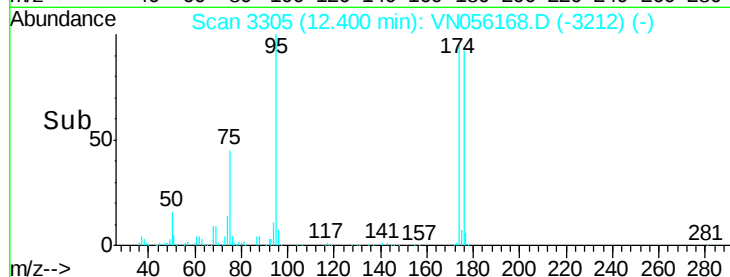
Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)



Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056168.D

Acq: 10 Jun 2019 14:32

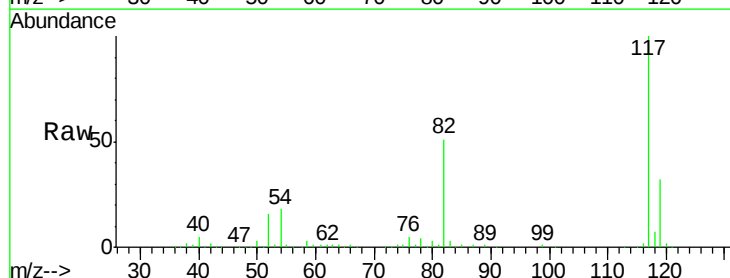
Tgt Ion: 117 Resp: 456644

Ion Ratio Lower Upper

117 100

82 51.3 41.8 62.8

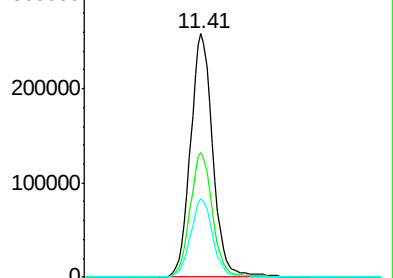
119 32.1 25.4 38.0



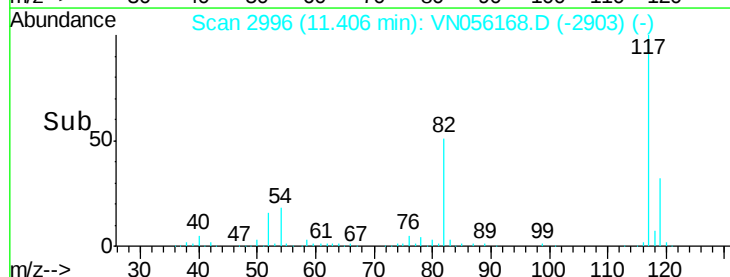
Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

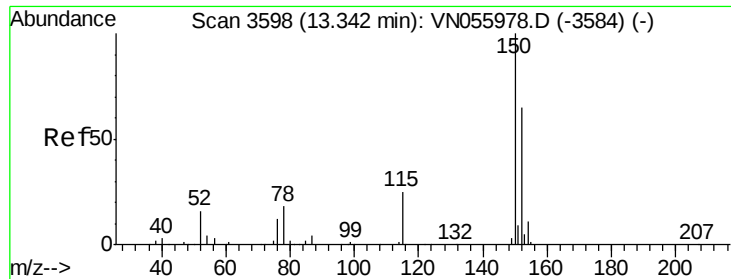
Ion 82.00 (81.70 to 82.70): VN055978.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055978.D (-2981) (-)



Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056168.D

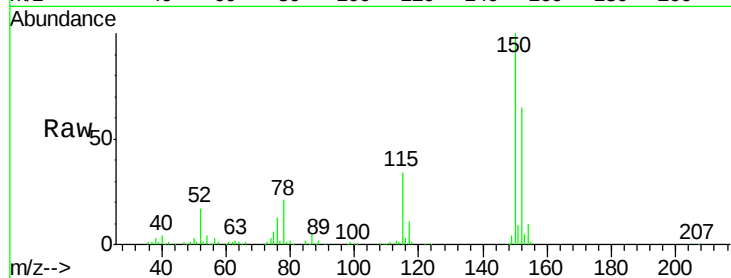
Acq: 10 Jun 2019 14:32

Instrument :

MSVOA_N

ClientSampleId :

RE122D3-20190604



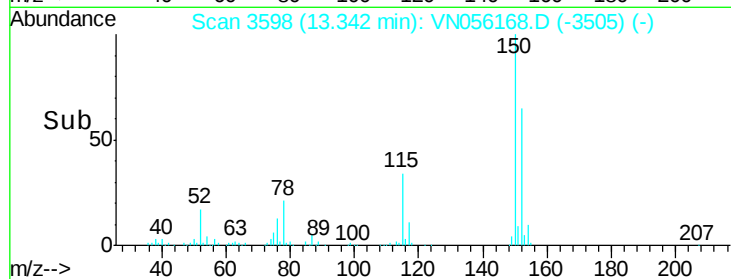
Tot Ion:152 Resp: 145136

Ion Ratio Lower Upper

152 100

115 52.1 27.0 81.0

150 155.3 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

