

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061219\
 Data File : VN056247.D
 Acq On : 12 Jun 2019 14:34
 Operator : JC/SP
 Sample : K3315-06 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP04-20190607

Quant Time: Jun 13 05:12:25 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	302099	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	455653	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	441280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	142045	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	151350	50.46	ug/l	0.00
Spiked Amount						
			Recovery	=	100.92%	
35) Dibromofluoromethane	7.59	113	145131	51.91	ug/l	0.00
Spiked Amount						
			Recovery	=	103.82%	
50) Toluene-d8	10.09	98	547804	50.92	ug/l	0.00
Spiked Amount						
			Recovery	=	101.84%	
62) 4-Bromofluorobenzene	12.40	95	174023	47.57	ug/l	0.00
Spiked Amount						
			Recovery	=	95.14%	

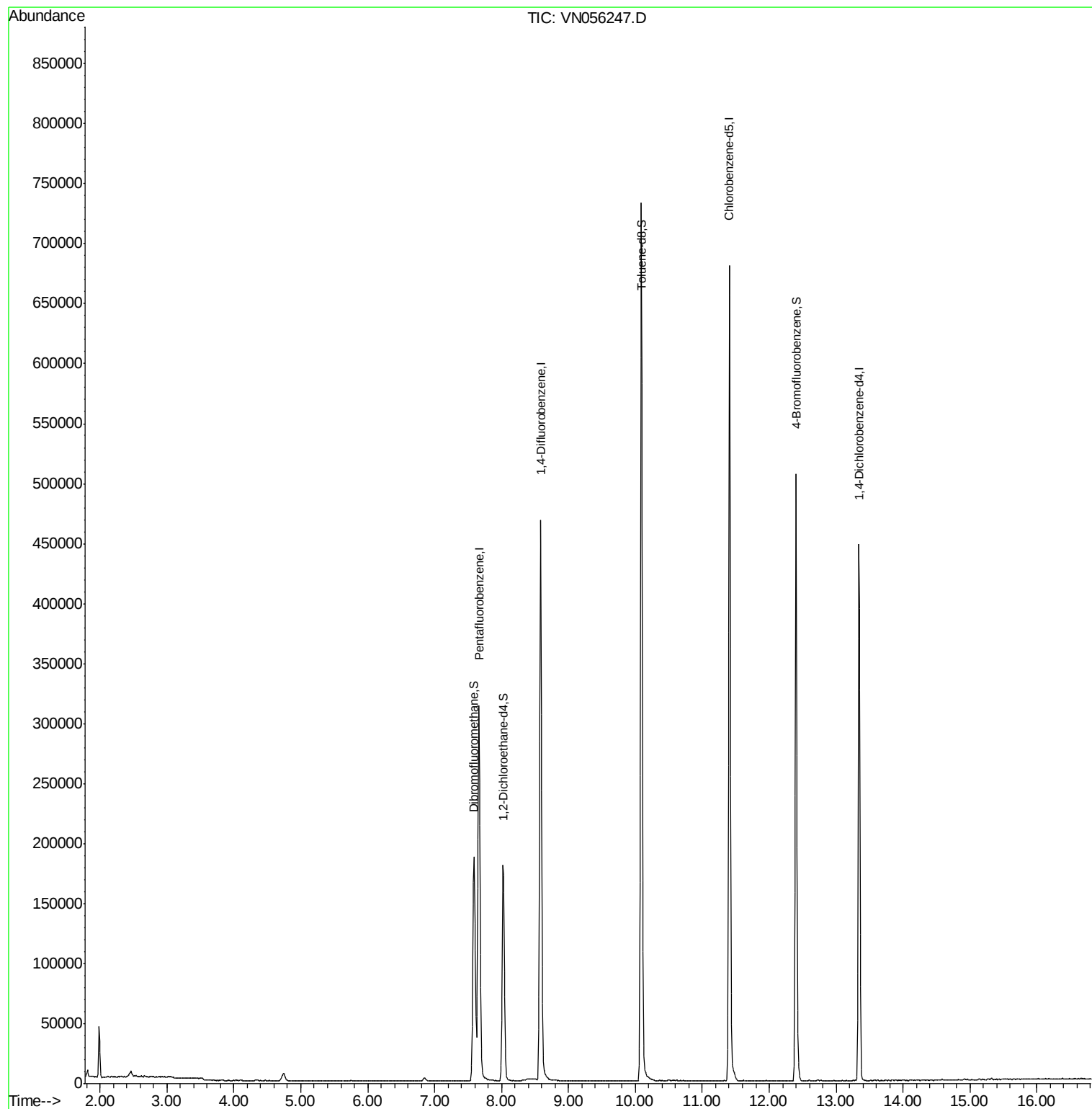
Target Compounds	Qvalue

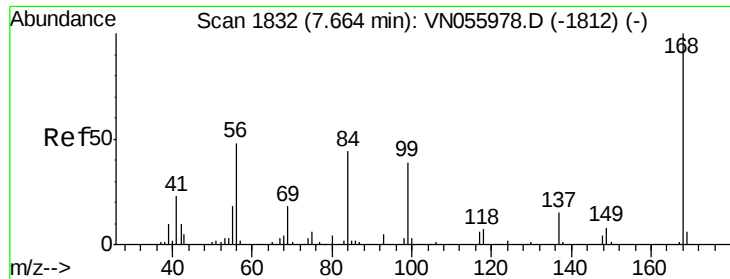
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 04 11:02:09 2019
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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: VN056247.D

Acq: 12 Jun 2019 14:34

Instrument :

MSVOA_N

ClientSampleId :

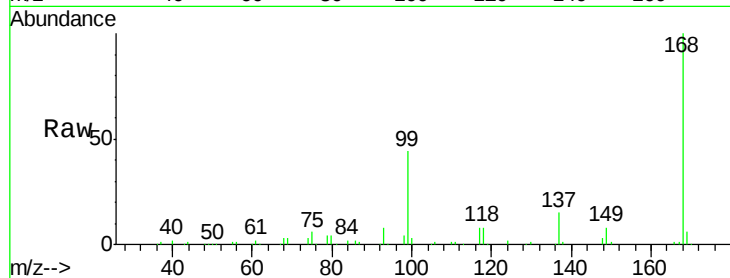
DUP04-20190607

Tot Ion:168 Resp: 302099

Ion Ratio Lower Upper

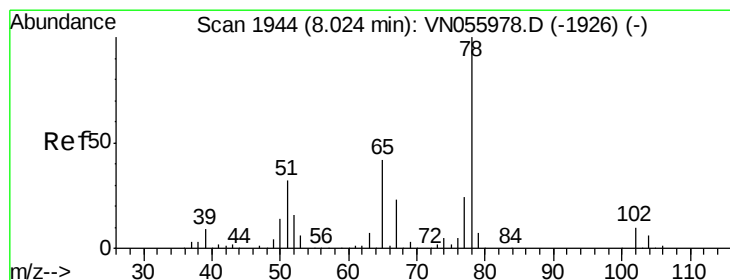
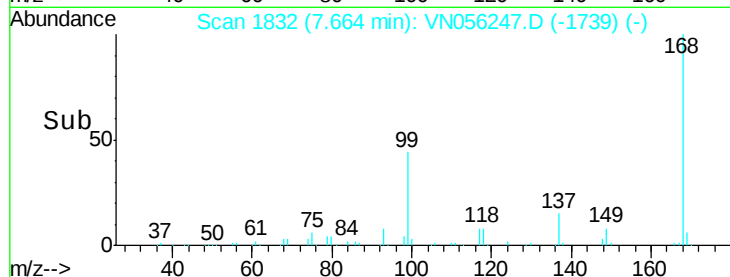
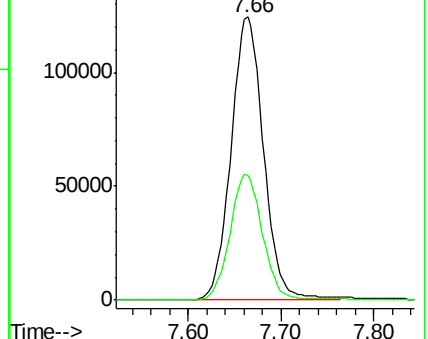
168 100

99 44.1 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: 50.457 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN056247.D

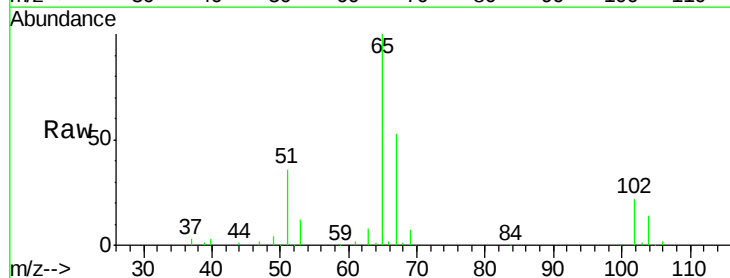
Acq: 12 Jun 2019 14:34

Tgt Ion: 65 Resp: 151350

Ion Ratio Lower Upper

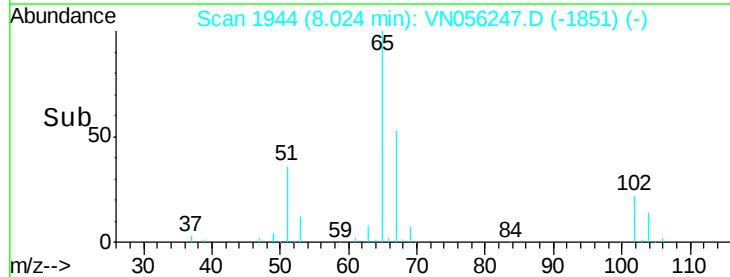
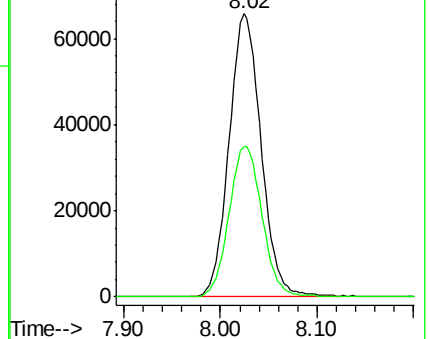
65 100

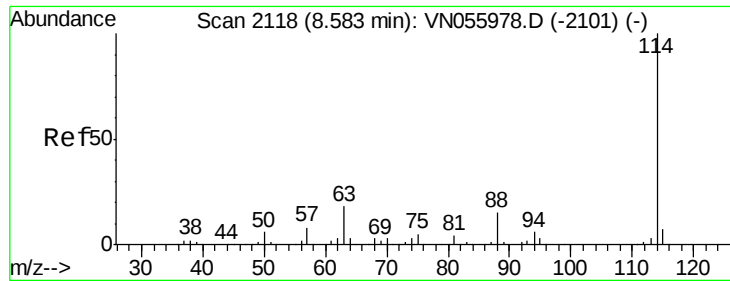
67 54.7 0.0 109.2



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: VN056247.D

Acq: 12 Jun 2019 14:34

Instrument :

MSVOA_N

ClientSampleId :

DUP04-20190607

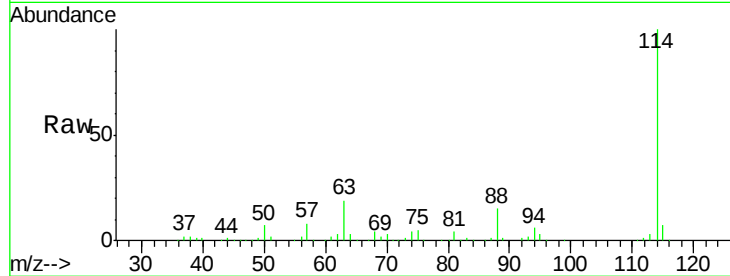
Tot Ion:114 Resp: 455653

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.2

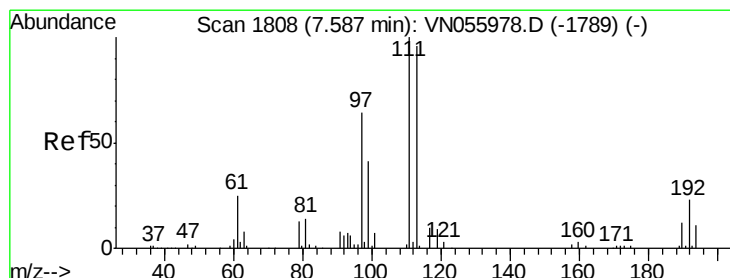
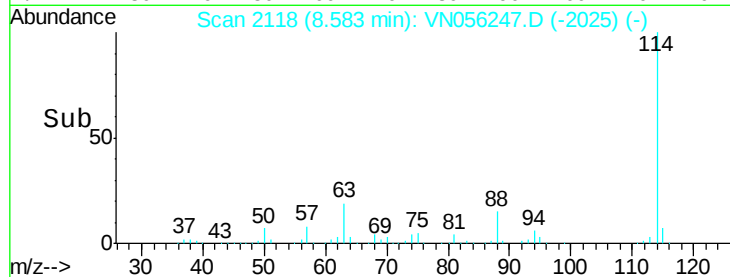
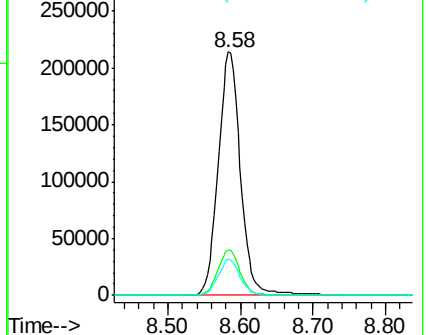
88 14.8 0.0 31.0



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: 51.914 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056247.D

Acq: 12 Jun 2019 14:34

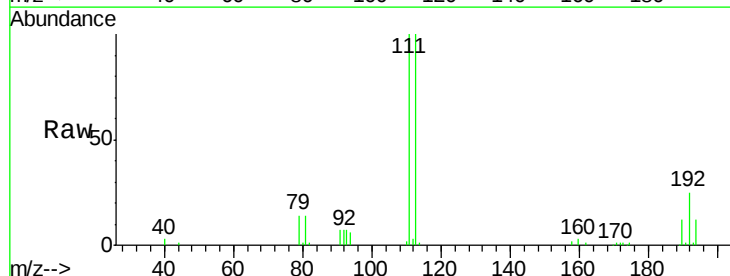
Tgt Ion:113 Resp: 145131

Ion Ratio Lower Upper

113 100

111 101.8 81.9 122.9

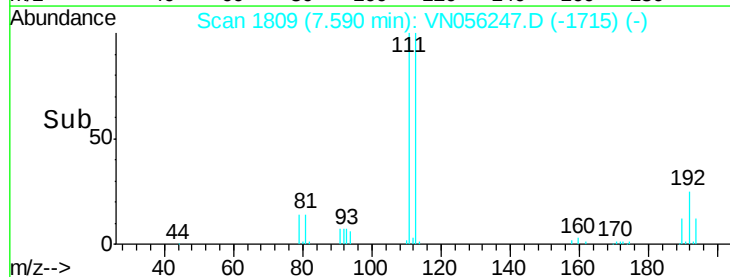
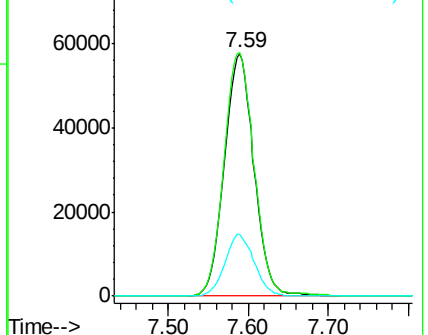
192 25.0 19.5 29.3

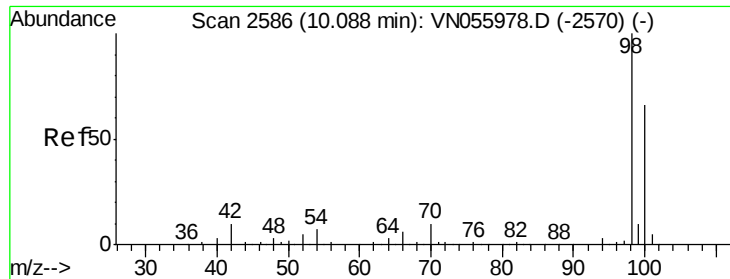


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.923 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056247.D

Acq: 12 Jun 2019 14:34

Instrument :

MSVOA_N

ClientSampleId :

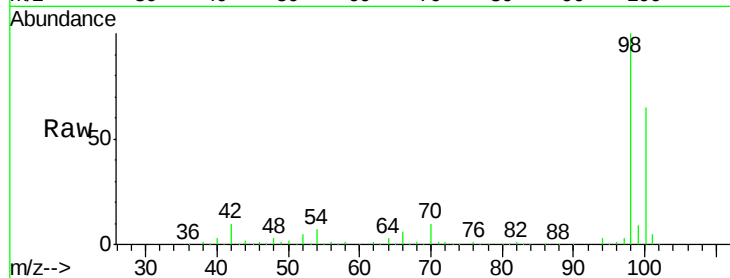
DUP04-20190607

Tot Ion: 98 Resp: 547804

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055978.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055978.D (-2570) (-)

10.09

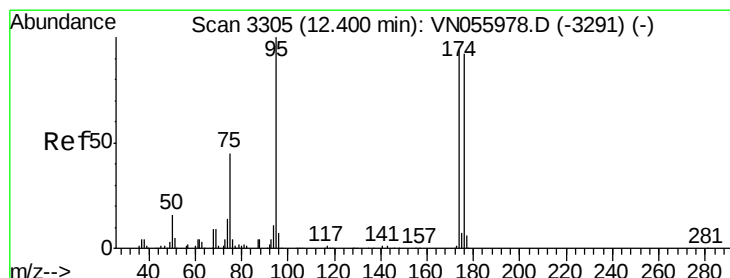
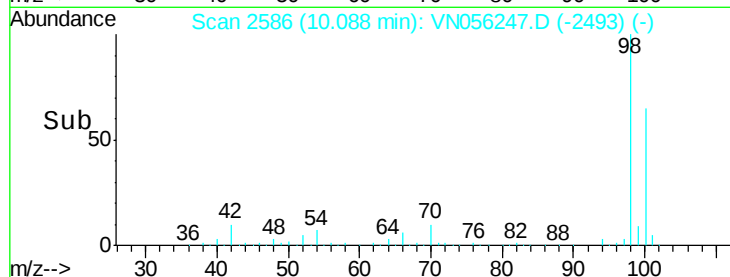
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.569 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056247.D

Acq: 12 Jun 2019 14:34

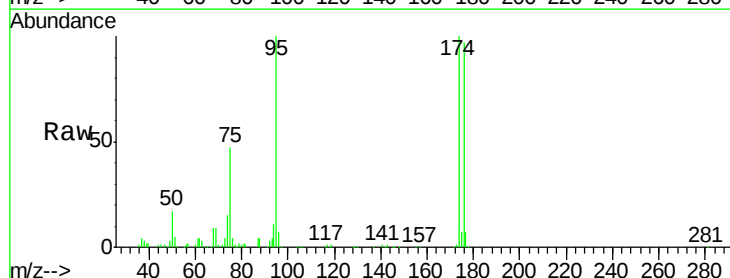
Tgt Ion: 95 Resp: 174023

Ion Ratio Lower Upper

95 100

174 99.7 0.0 191.0

176 96.8 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) (-)

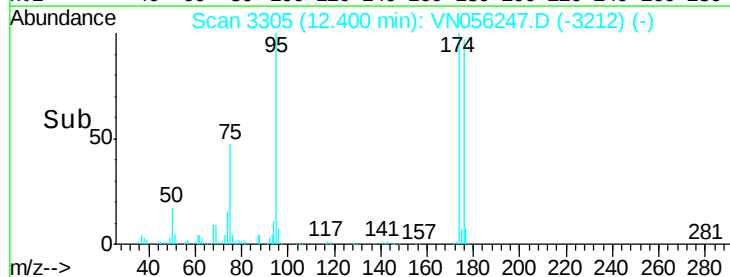
12.40

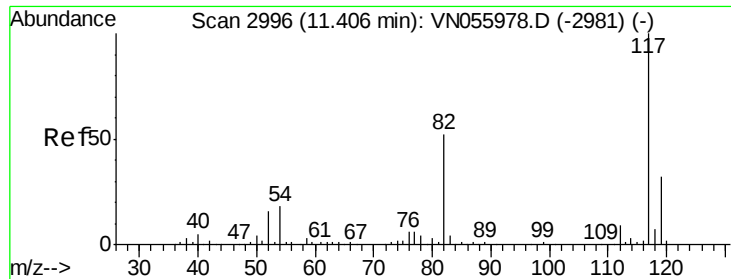
100000

50000

0

Time-->

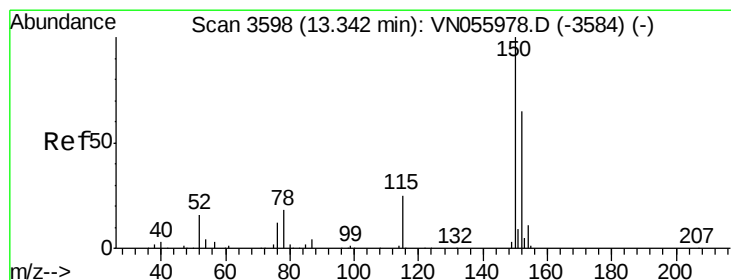
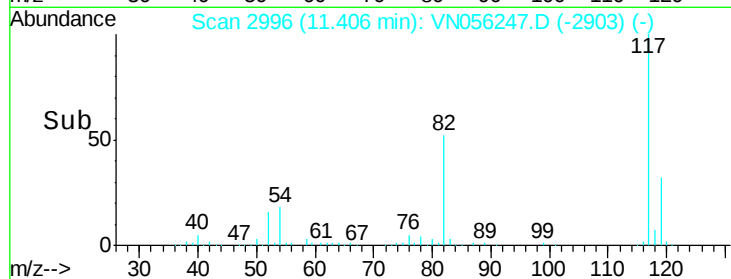
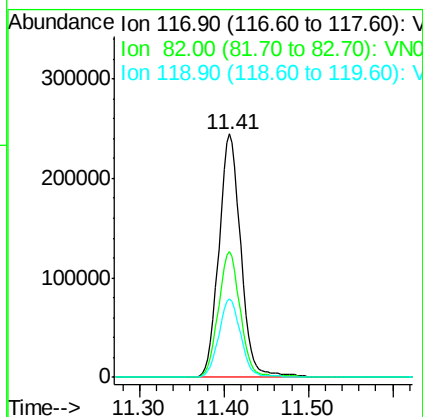
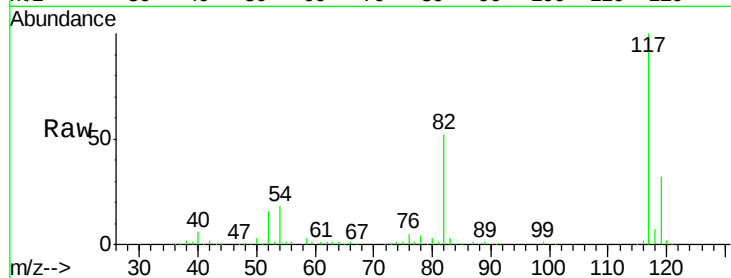




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056247.D
Acq: 12 Jun 2019 14:34

Instrument :
MSVOA_N
ClientSampleId :
DUP04-20190607

Tot Ion:117 Resp: 441280
Ion Ratio Lower Upper
117 100
82 51.8 41.8 62.8
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056247.D
Acq: 12 Jun 2019 14:34

Tgt Ion:152 Resp: 142045
Ion Ratio Lower Upper
152 100
115 51.2 27.0 81.0
150 155.8 0.0 343.2

