

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055516.D
 Acq On : 9 May 2019 23:59
 Operator : JC/SP
 Sample : K2758-31
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EQUIPMENT-BLANK-1

Quant Time: May 10 05:30:25 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	882354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1485745	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1234497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	327048	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	602580	45.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.72%	
35) Dibromofluoromethane	7.59	113	460450	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
50) Toluene-d8	10.09	98	1817351	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
62) 4-Bromofluorobenzene	12.40	95	506827	40.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.50%	

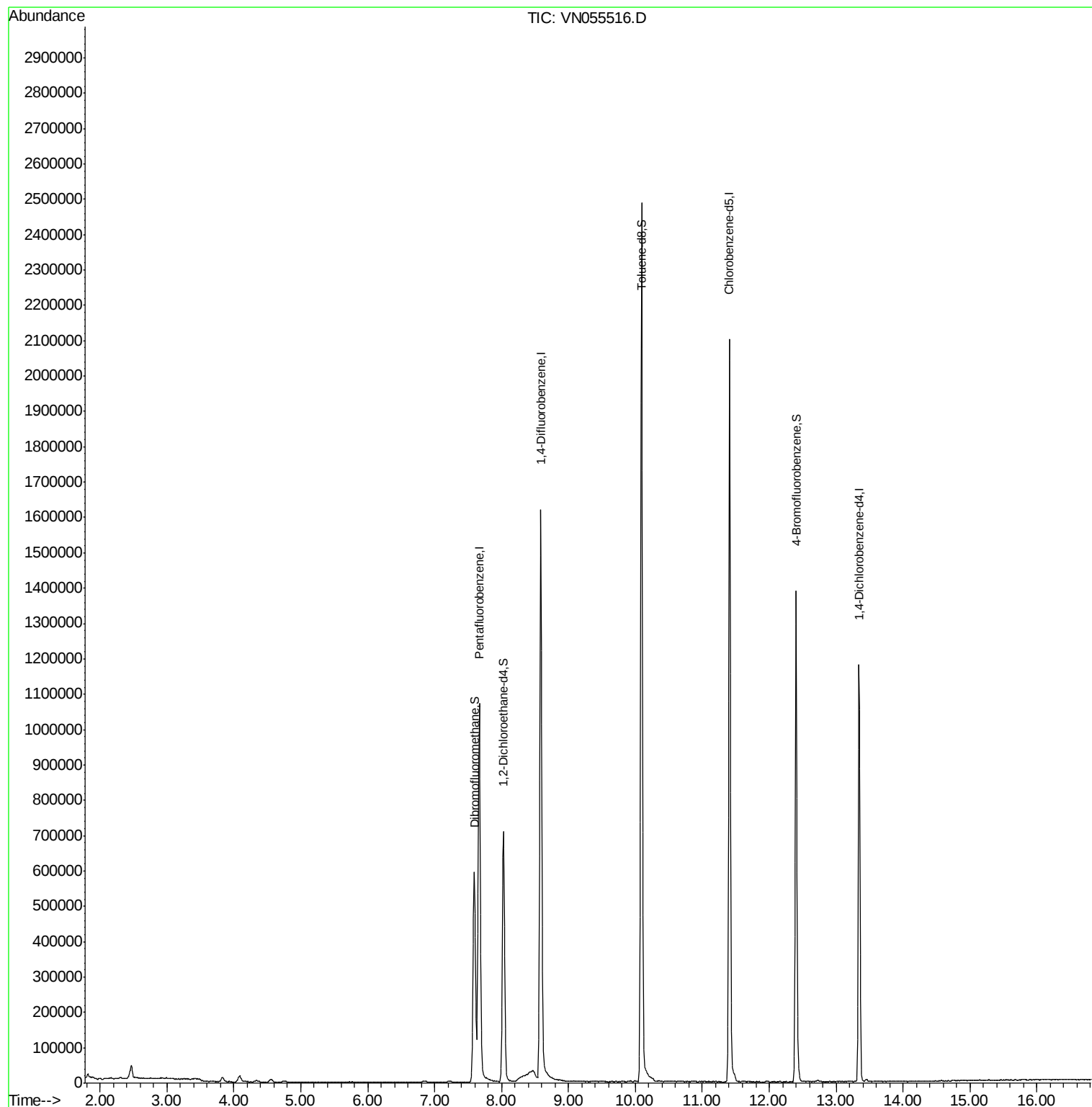
Target Compounds	Qvalue

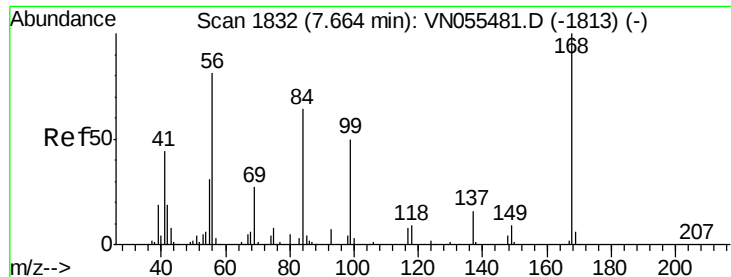
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055516.D

Acq: 9 May 2019 23:59

Instrument :

MSVOA_N

ClientSampleId :

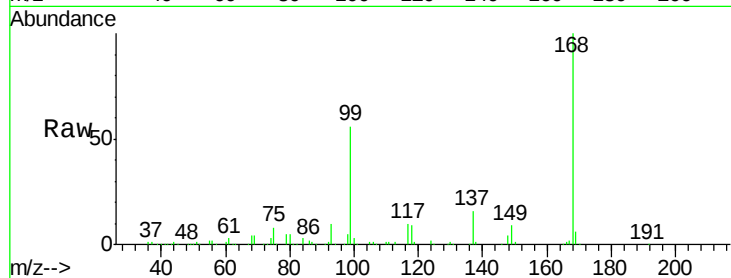
EQUIPMENT-BLANK-1

Tot Ion:168 Resp: 882354

Ion Ratio Lower Upper

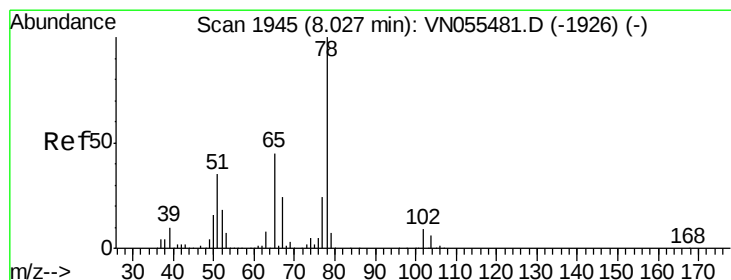
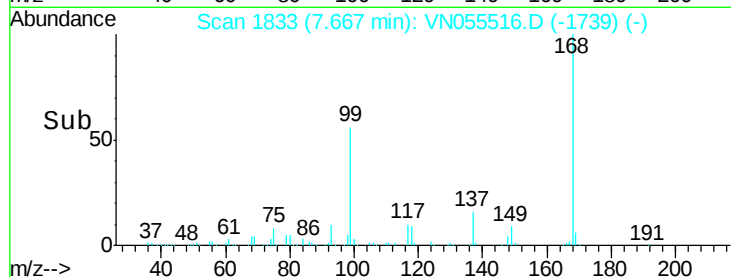
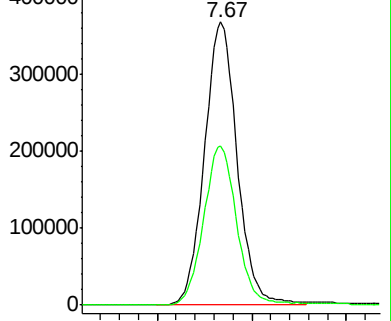
168 100

99 56.1 47.0 70.4



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: 45.357 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055516.D

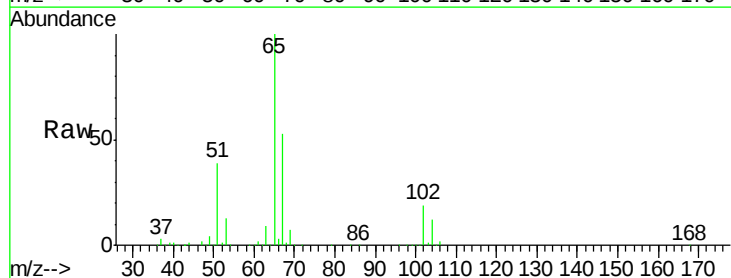
Acq: 9 May 2019 23:59

Tgt Ion: 65 Resp: 602580

Ion Ratio Lower Upper

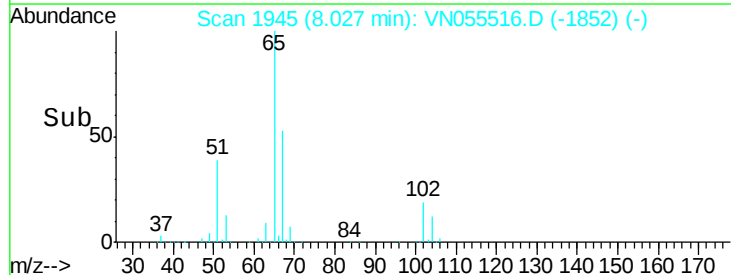
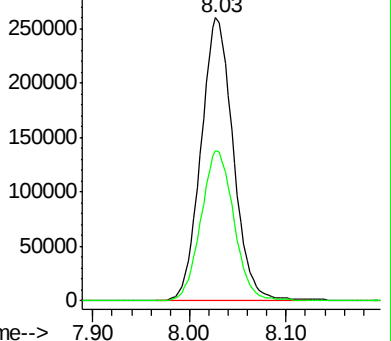
65 100

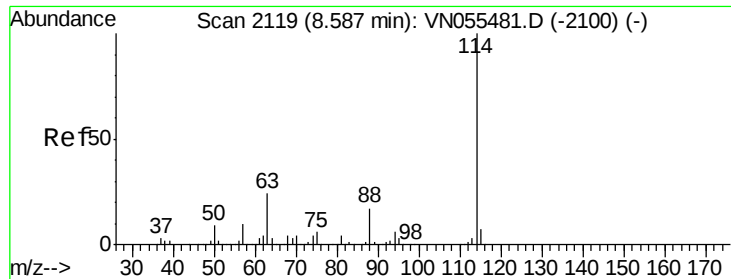
67 54.1 0.0 109.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

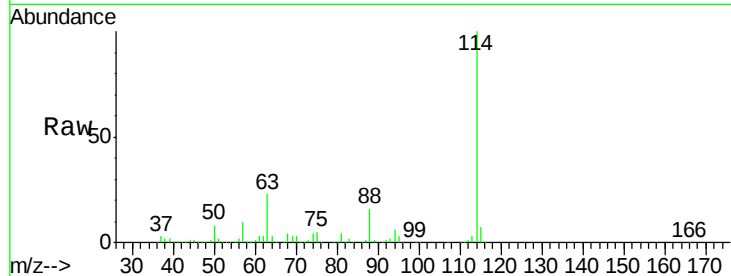




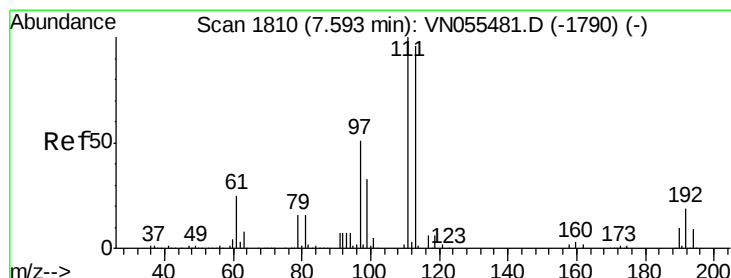
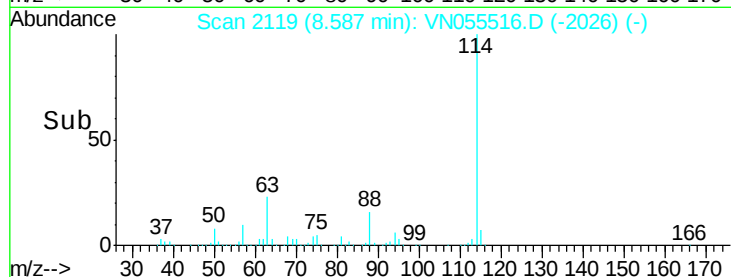
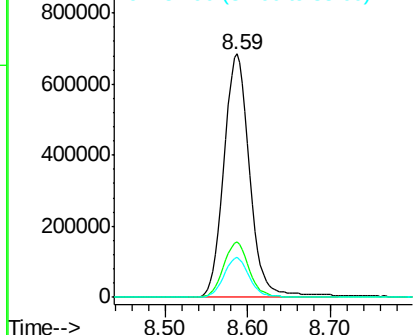
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055516.D
 Acq: 9 May 2019 23:59

Instrument :
 MSVOA_N
 ClientSampleId :
 EQUIPMENT-BLANK-1

Tot Ion:114 Resp: 1485745
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 47.4
 88 16.2 0.0 34.0

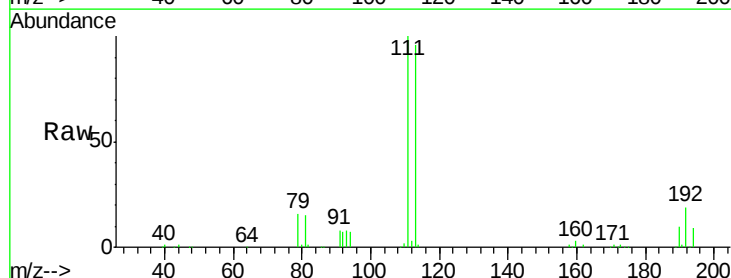


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

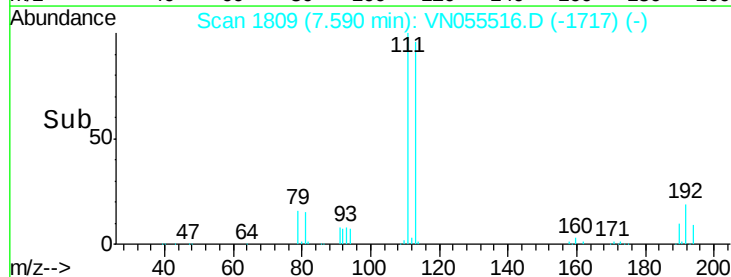
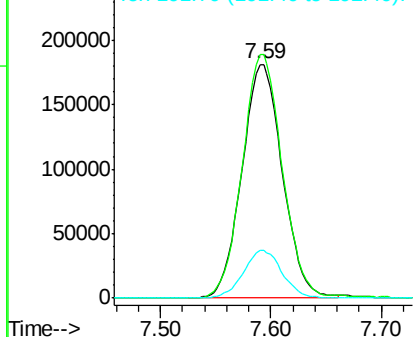


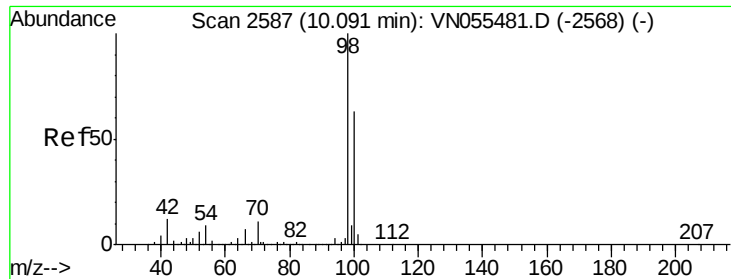
#35
 Dibromofluoromethane
 Concen: 48.042 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055516.D
 Acq: 9 May 2019 23:59

Tgt Ion:113 Resp: 460450
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.9 124.3
 192 19.7 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: 48.659 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055516.D

Acq: 9 May 2019 23:59

Instrument :

MSVOA_N

ClientSampleId :

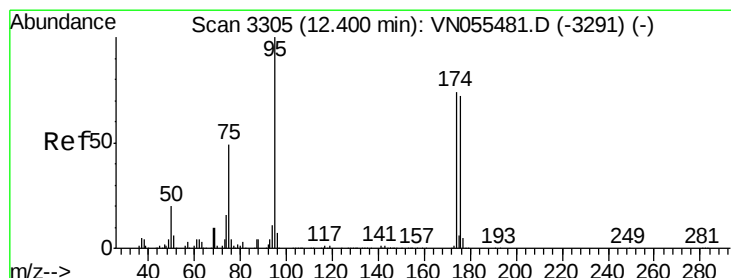
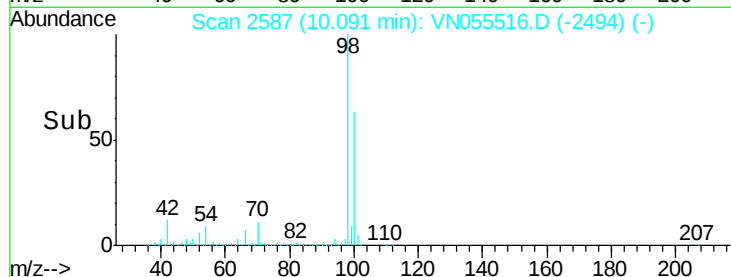
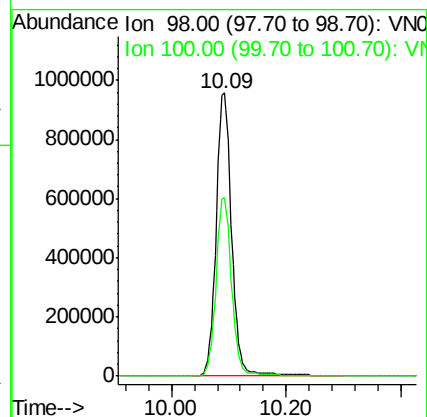
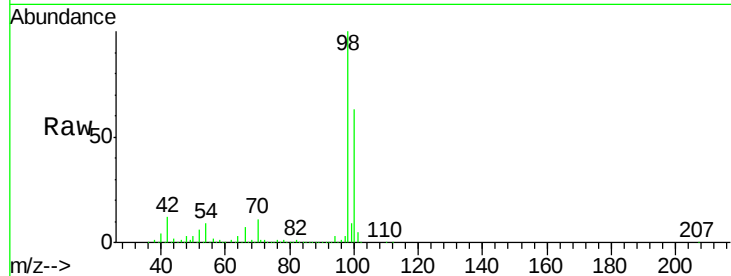
EQUIPMENT-BLANK-1

Tot Ion: 98 Resp: 1817351

Ion Ratio Lower Upper

98 100

100 62.8 50.4 75.6



#62

4-Bromofluorobenzene

Concen: 40.245 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055516.D

Acq: 9 May 2019 23:59

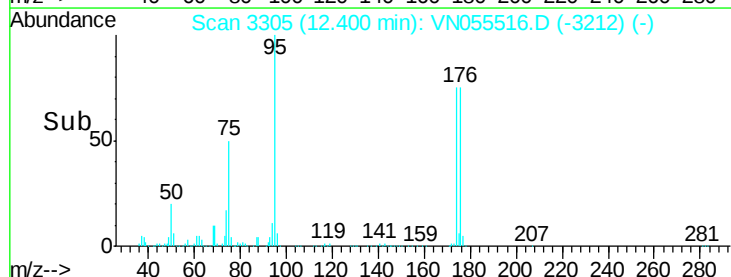
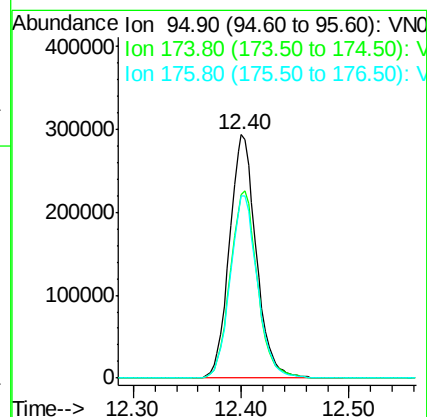
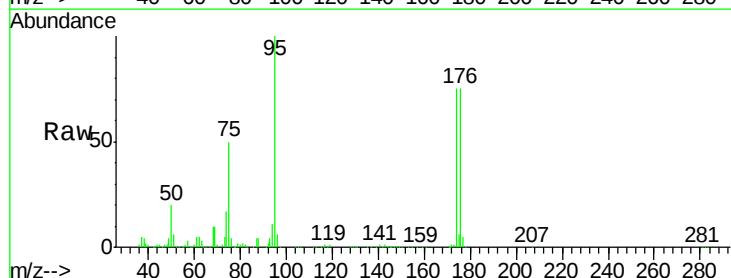
Tgt Ion: 95 Resp: 506827

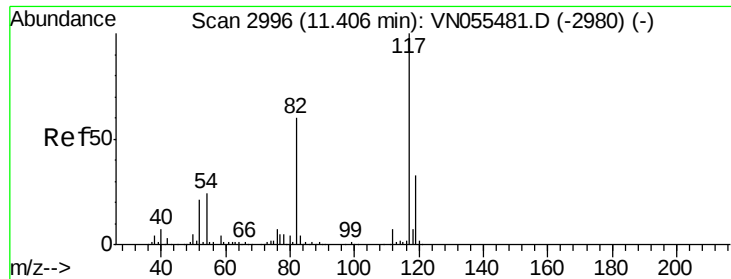
Ion Ratio Lower Upper

95 100

174 77.9 0.0 152.2

176 76.2 0.0 147.8

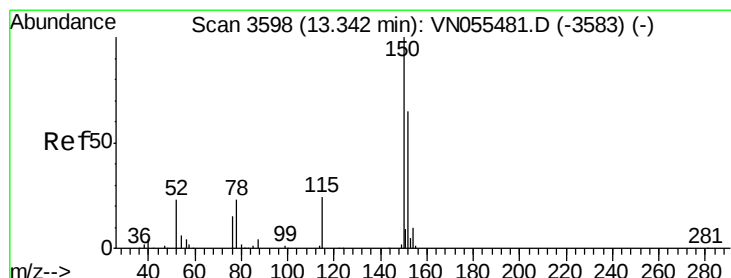
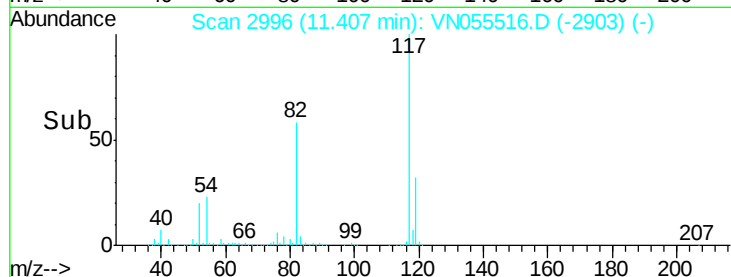
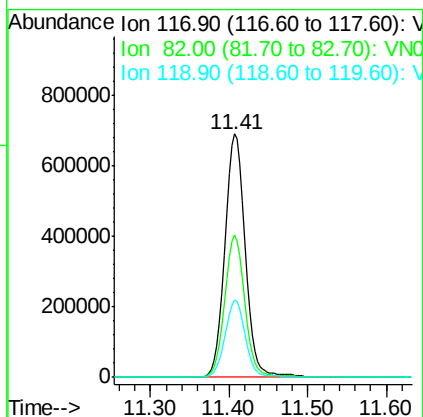
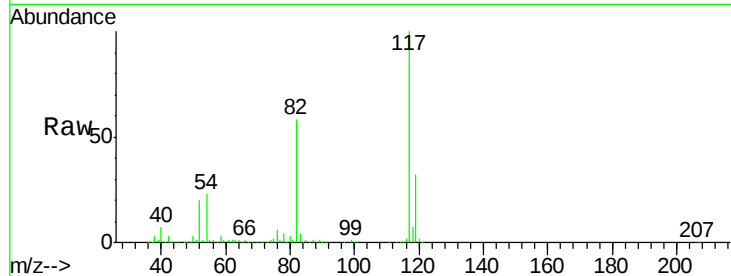




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055516.D
Acq: 9 May 2019 23:59

Instrument :
MSVOA_N
ClientSampleId :
EQUIPMENT-BLANK-1

Tot Ion:117 Resp: 1234497
Ion Ratio Lower Upper
117 100
82 58.3 48.0 72.0
119 31.6 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055516.D
Acq: 9 May 2019 23:59

Tgt Ion:152 Resp: 327048
Ion Ratio Lower Upper
152 100
115 60.0 30.1 90.5
150 157.3 0.0 355.0

