

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080219\
 Data File : VN057063.D
 Acq On : 2 Aug 2019 13:55
 Operator : JC/SP
 Sample : K4139-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Aug 03 04:56:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	559678	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	805623	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	649186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	169399	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	273618	47.76	ug/l	0.00
Spiked Amount			Recovery	=	95.52%	
35) Dibromofluoromethane	7.58	113	247781	48.04	ug/l	0.00
Spiked Amount			Recovery	=	96.08%	
50) Toluene-d8	10.08	98	932813	47.43	ug/l	0.00
Spiked Amount			Recovery	=	94.86%	
62) 4-Bromofluorobenzene	12.40	95	241242	37.68	ug/l	0.00
Spiked Amount			Recovery	=	75.36%	

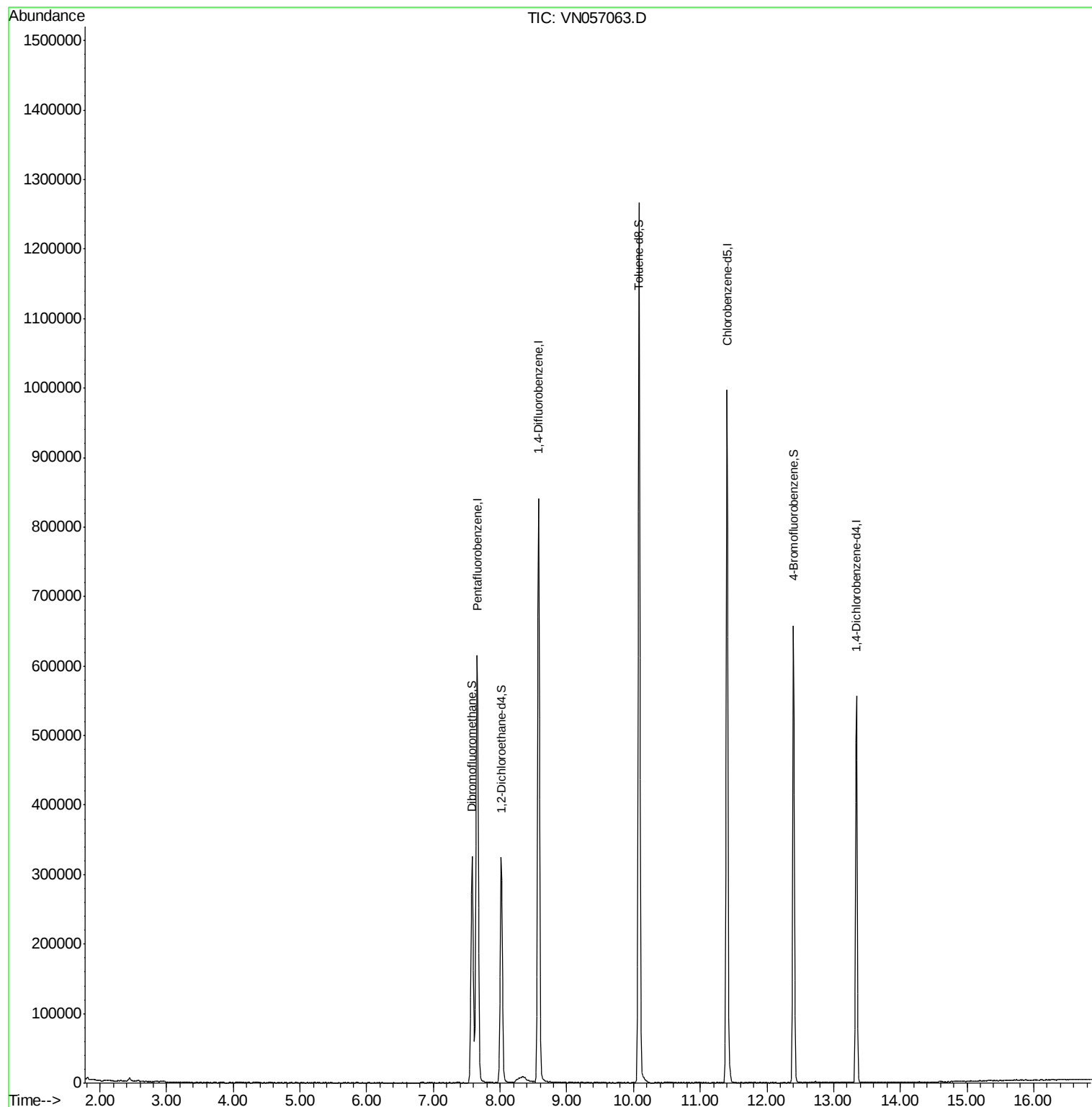
Target Compounds	Qvalue
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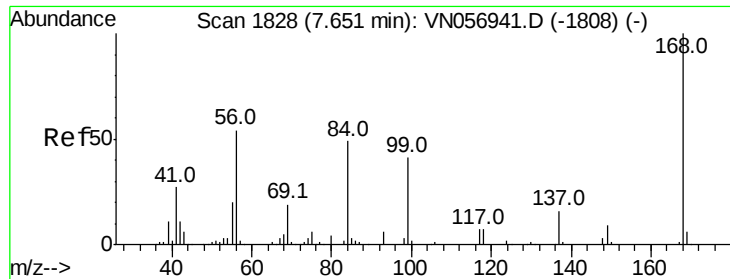
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.01 min

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Acq: 2 Aug 2019 13:55

Instrument :

MSVOA_N

ClientSampleId :

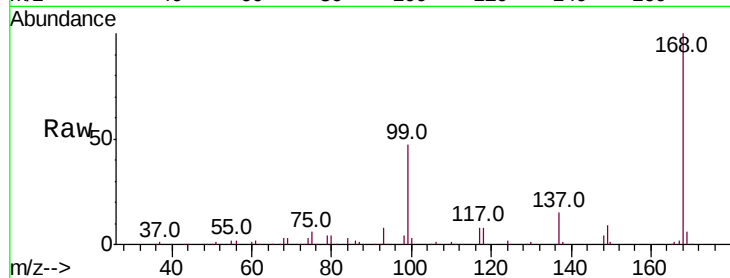
STORAGE-BLANK-WATER-REF-4

Tot Ion:168 Resp: 559678

Ion Ratio Lower Upper

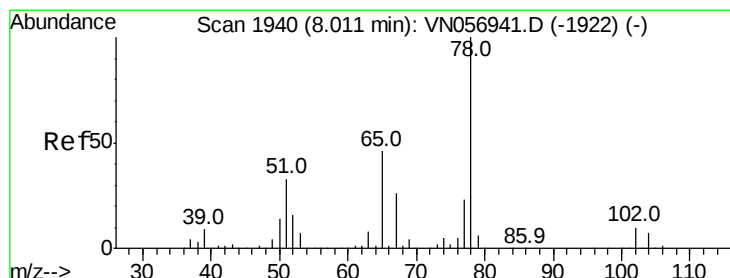
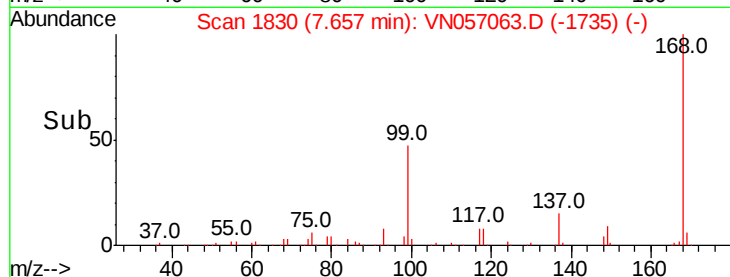
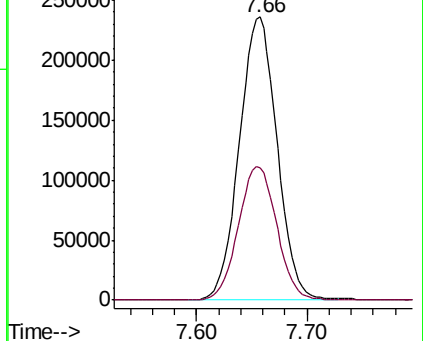
168 100

99 46.9 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 47.759 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.01 min

Lab File: VN057063.D

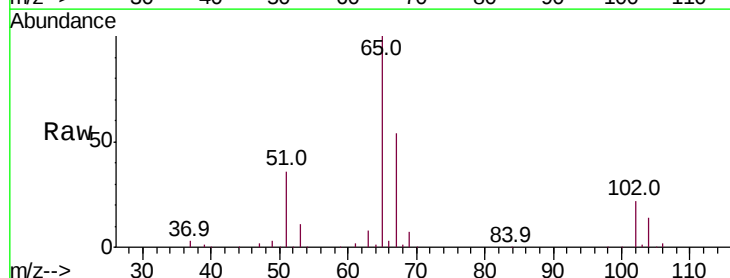
Acq: 2 Aug 2019 13:55

Tgt Ion: 65 Resp: 273618

Ion Ratio Lower Upper

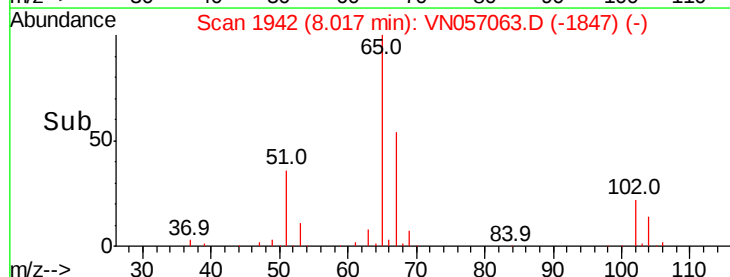
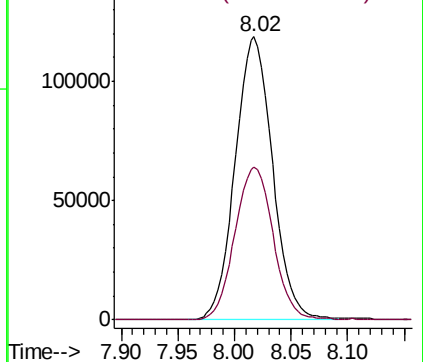
65 100

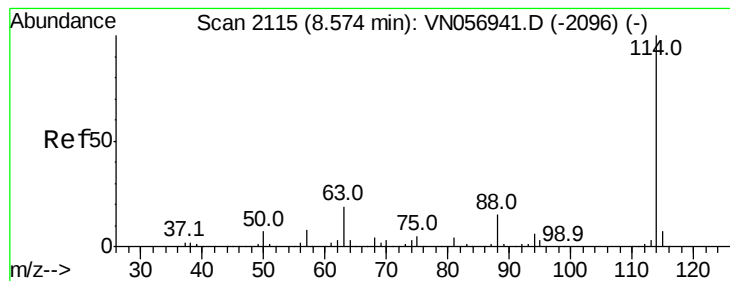
67 55.2 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057063.D

Acq: 2 Aug 2019 13:55

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

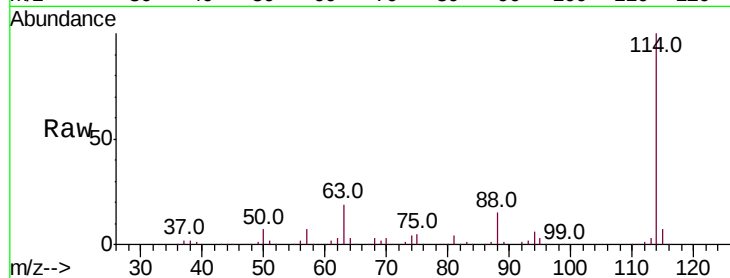
Tot Ion:114 Resp: 805623

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.0

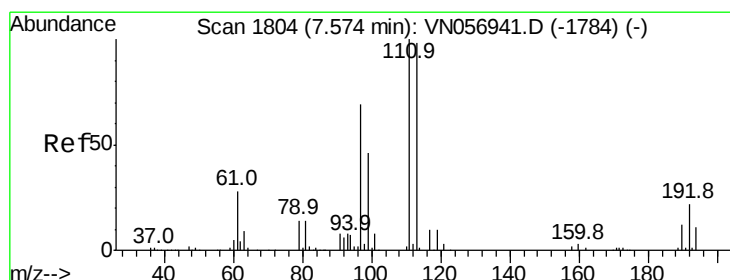
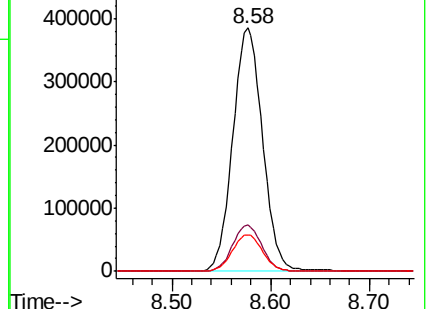
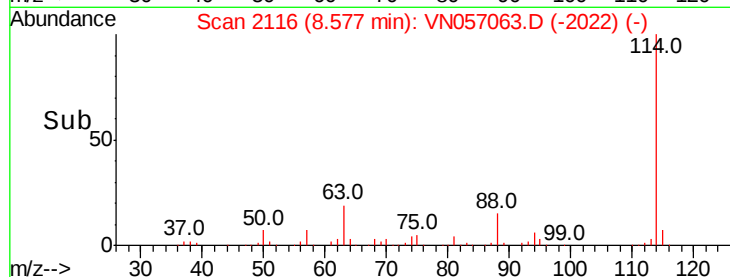
88 15.1 0.0 30.0



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: 48.044 ug/l

RT: 7.58 min Scan# 1806

Delta R.T. 0.01 min

Lab File: VN057063.D

Acq: 2 Aug 2019 13:55

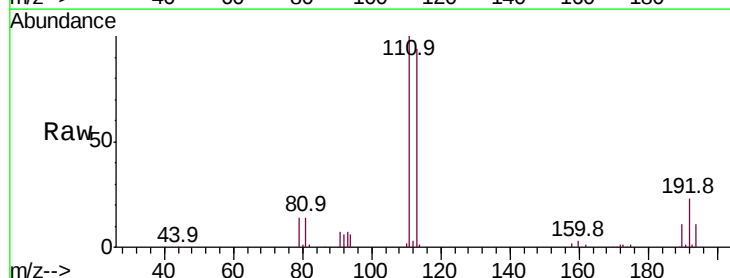
Tgt Ion:113 Resp: 247781

Ion Ratio Lower Upper

113 100

111 103.9 82.0 123.0

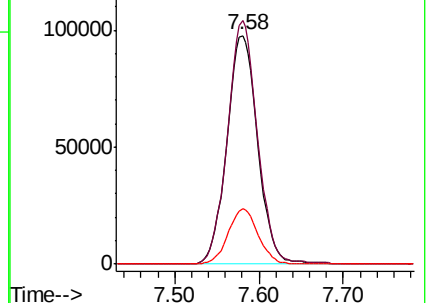
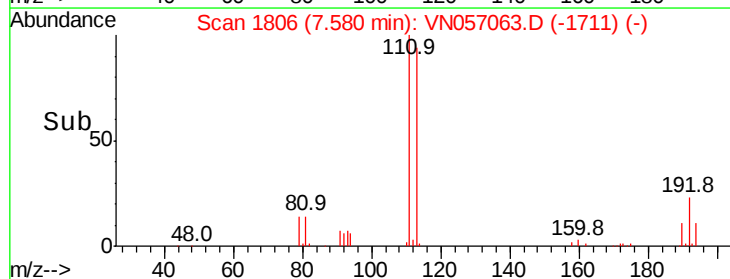
192 23.7 18.4 27.6

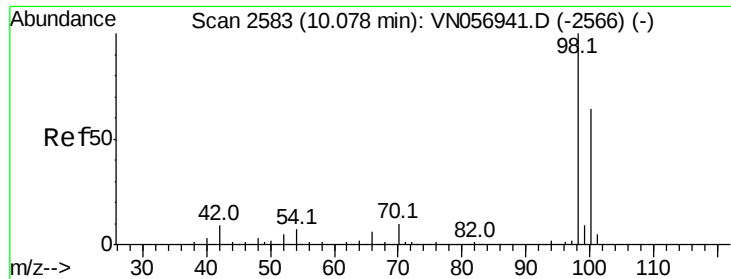


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.430 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN057063.D

Acq: 2 Aug 2019 13:55

Instrument :

MSVOA_N

ClientSampleId :

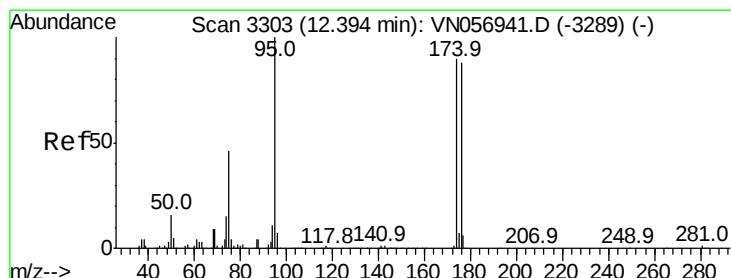
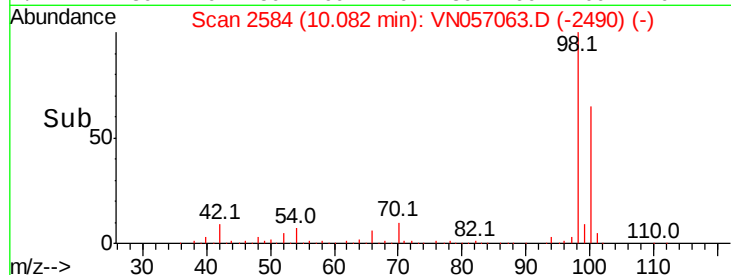
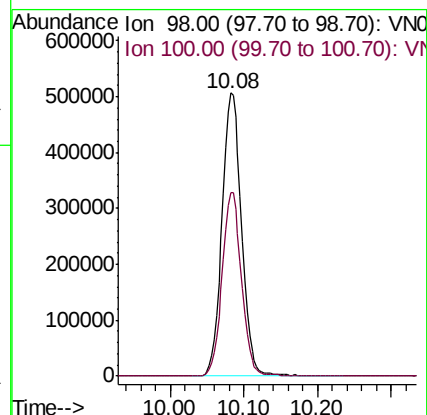
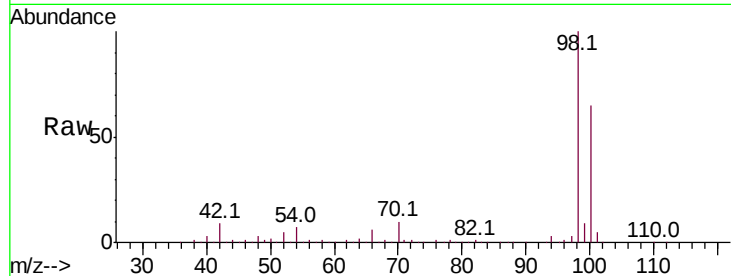
STORAGE-BLANK-WATER-REF-4

Tot Ion: 98 Resp: 932813

Ion Ratio Lower Upper

98 100

100 63.9 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 37.679 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN057063.D

Acq: 2 Aug 2019 13:55

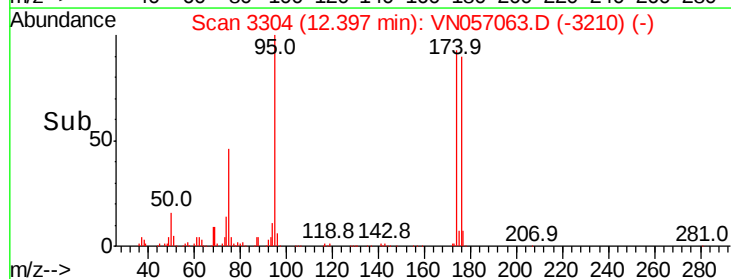
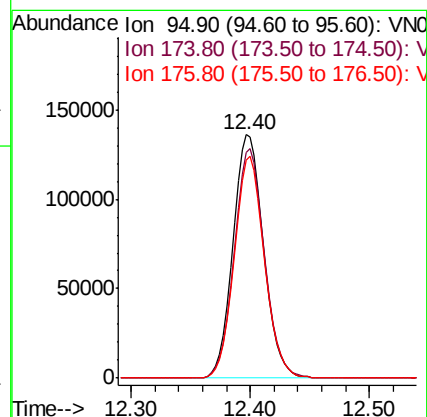
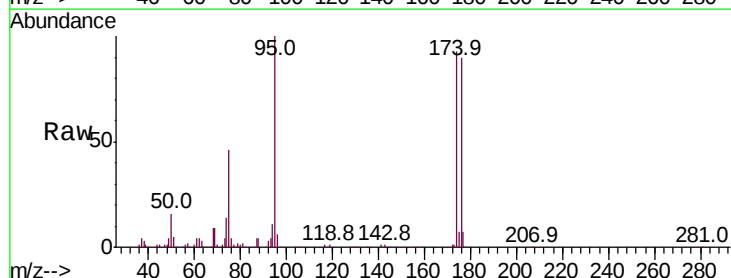
Tgt Ion: 95 Resp: 241242

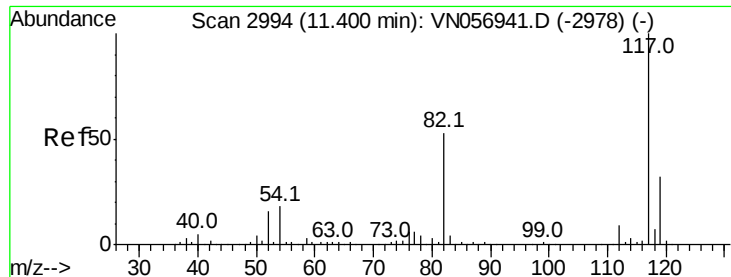
Ion Ratio Lower Upper

95 100

174 93.5 0.0 182.2

176 90.1 0.0 179.4

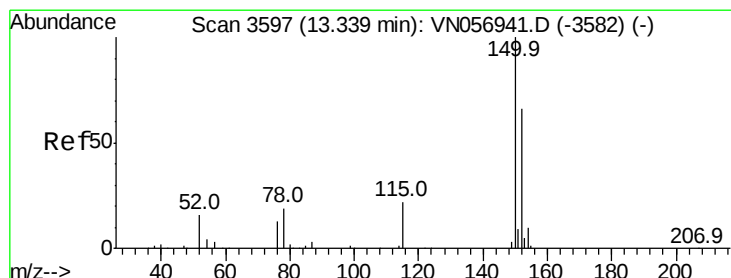
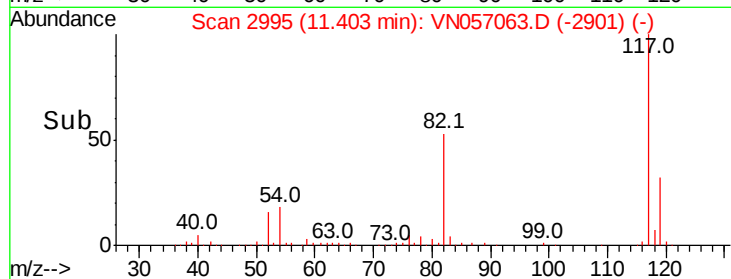
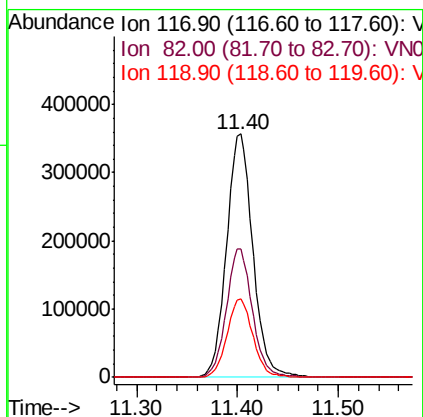
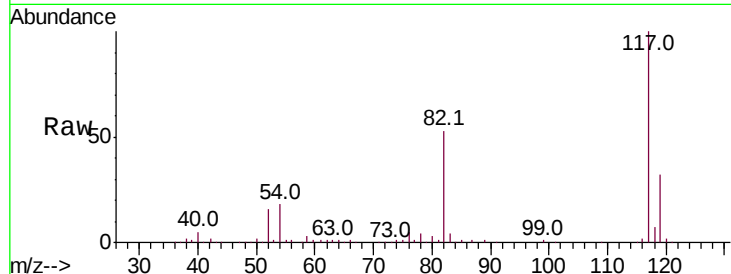




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057063.D
Acq: 2 Aug 2019 13:55

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tot Ion:117 Resp: 649186
Ion Ratio Lower Upper
117 100
82 52.5 42.2 63.4
119 32.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN057063.D
Acq: 2 Aug 2019 13:55

Tgt Ion:152 Resp: 169399
Ion Ratio Lower Upper
152 100
115 54.0 28.2 84.6
150 157.2 0.0 349.4

