

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032919\
 Data File : VN054779.D
 Acq On : 29 Mar 2019 19:18
 Operator : JC/SP
 Sample : K2163-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Mar 30 21:56:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	556069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	892595	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	751332	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	265893	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	359644	47.98	ug/l	0.00
Spiked Amount						
			Recovery	=	95.96%	
35) Dibromofluoromethane	7.59	113	282334	47.44	ug/l	0.00
Spiked Amount						
			Recovery	=	94.88%	
50) Toluene-d8	10.09	98	1071981	48.45	ug/l	0.00
Spiked Amount						
			Recovery	=	96.90%	
62) 4-Bromofluorobenzene	12.40	95	322898	43.88	ug/l	0.00
Spiked Amount						
			Recovery	=	87.76%	

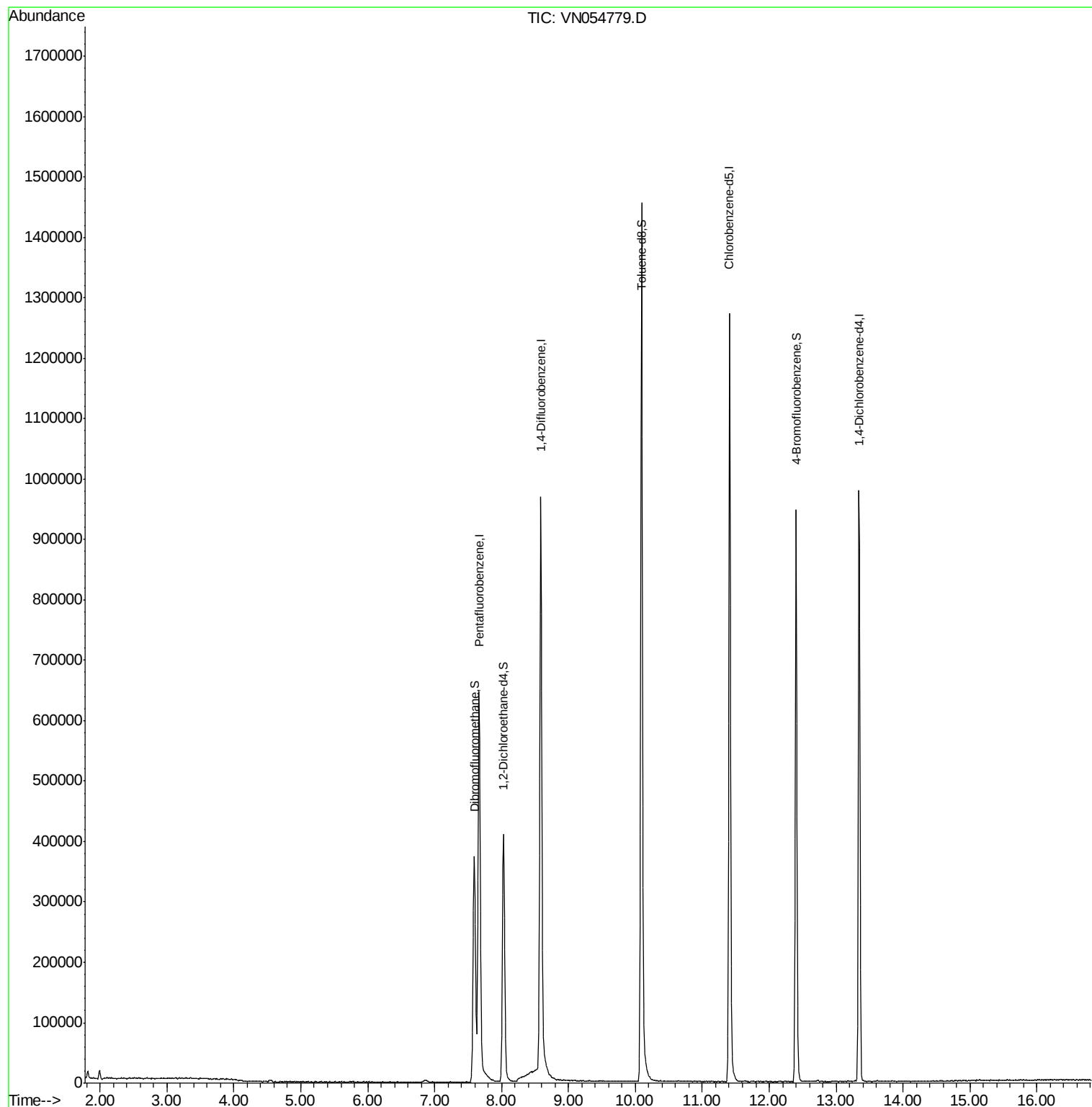
Target Compounds	Qvalue
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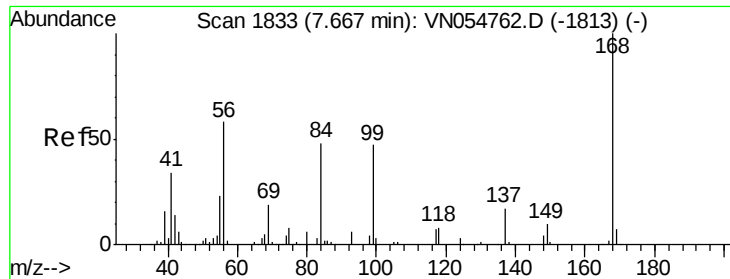
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032919\
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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: VN054779.D

Acq: 29 Mar 2019 19:18

Instrument :

MSVOA_N

ClientSampleId :

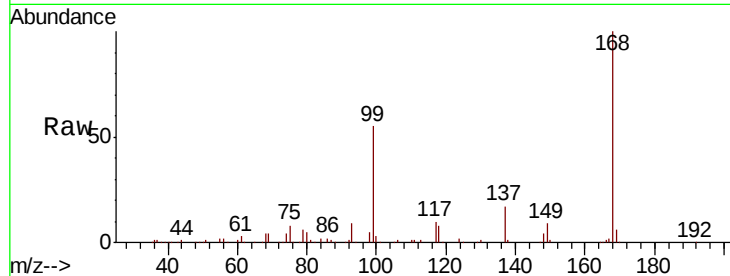
STORAGE-BLANK-WATER-REF-4

Tot Ion:168 Resp: 556069

Ion Ratio Lower Upper

168 100

99 54.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

150000

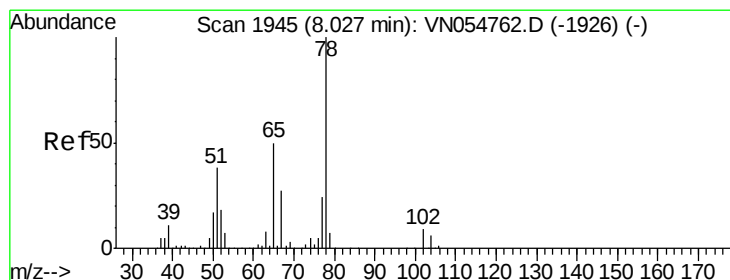
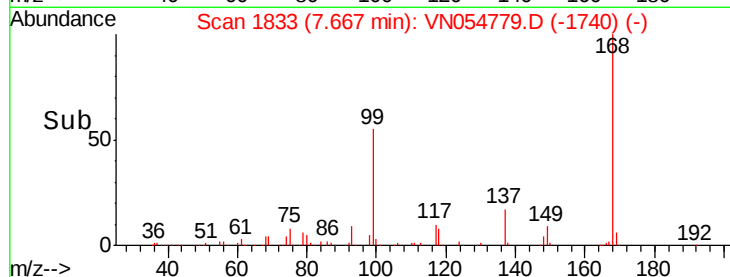
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.978 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN054779.D

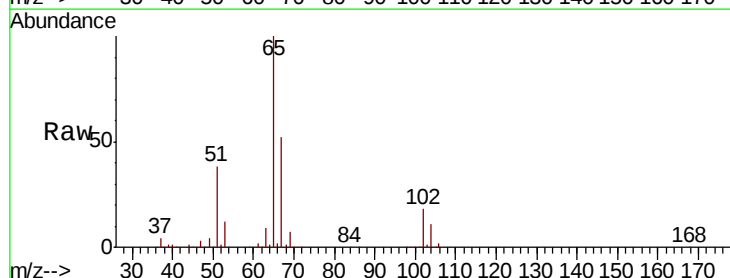
Acq: 29 Mar 2019 19:18

Tgt Ion: 65 Resp: 359644

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

150000

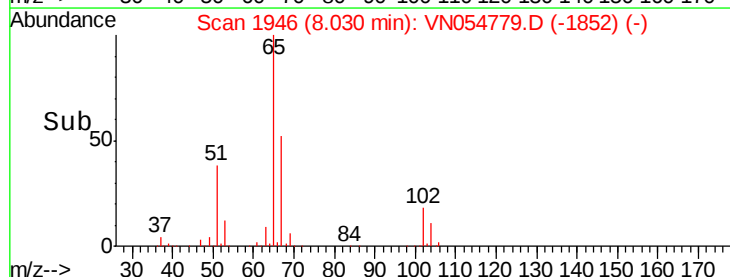
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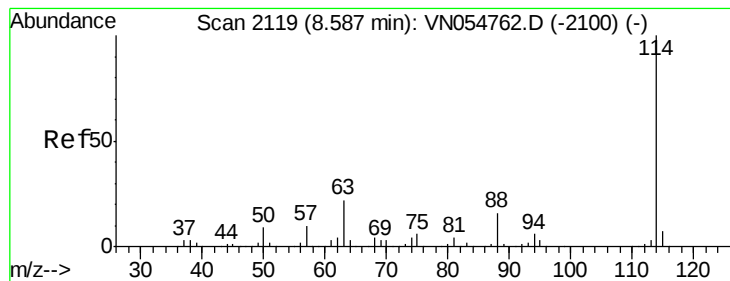
50000

0

7.90 8.00 8.10 8.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054779.D

Acq: 29 Mar 2019 19:18

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

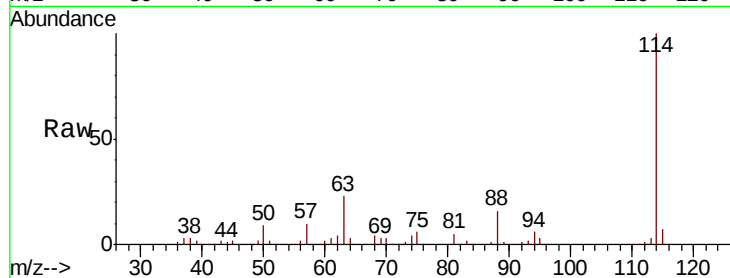
Tot Ion:114 Resp: 892595

Ion Ratio Lower Upper

114 100

63 22.8 0.0 35.2

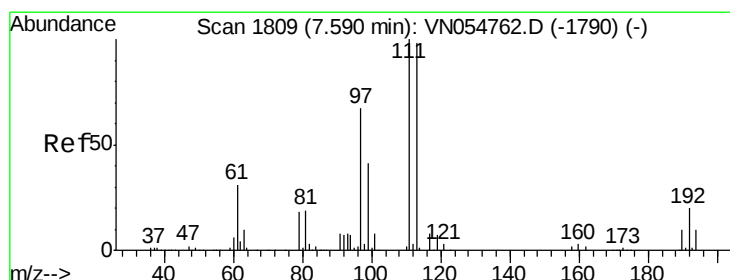
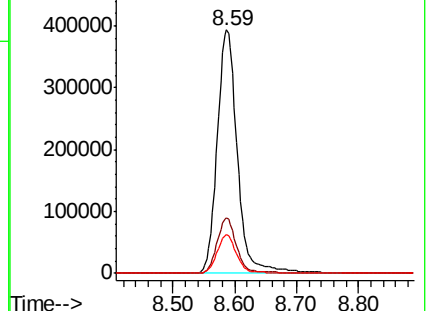
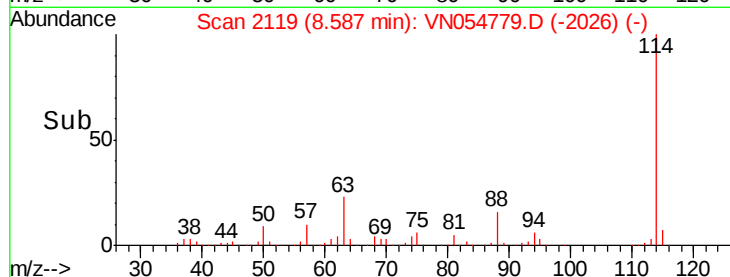
88 15.9 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 47.444 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054779.D

Acq: 29 Mar 2019 19:18

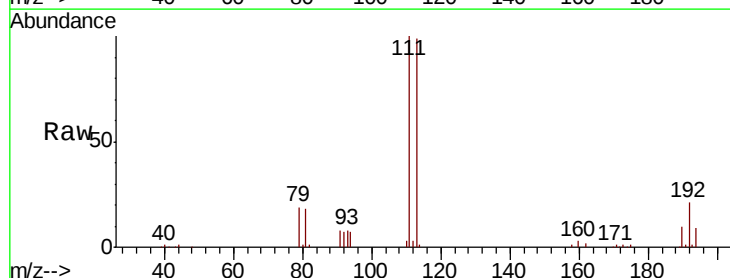
Tgt Ion:113 Resp: 282334

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

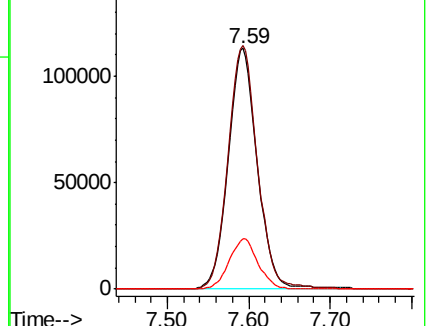
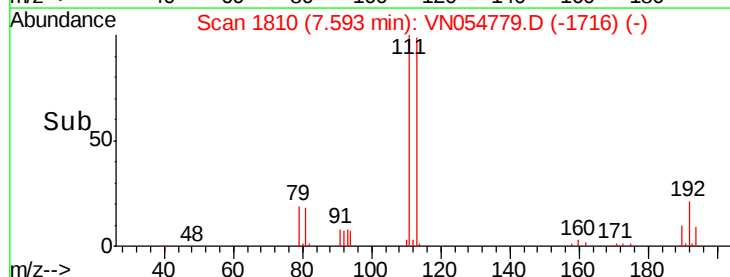
192 21.0 19.2 28.8

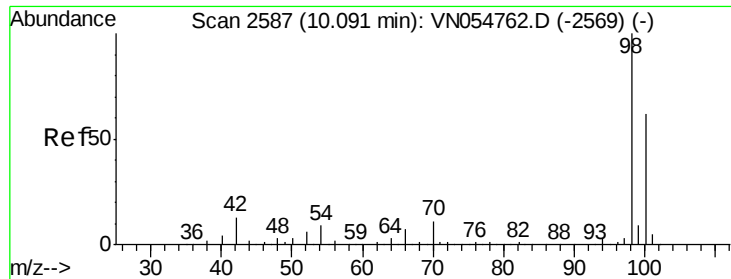


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.453 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054779.D

Acq: 29 Mar 2019 19:18

Instrument :

MSVOA_N

ClientSampleId :

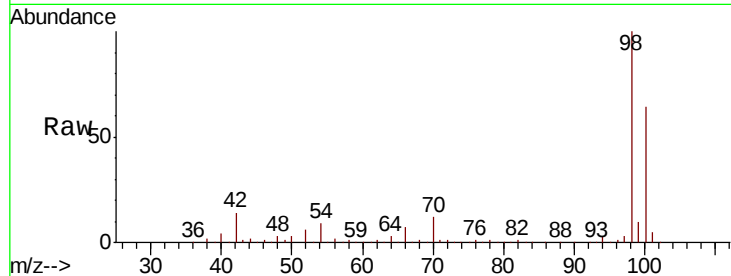
STORAGE-BLANK-WATER-REF-4

Tot Ion: 98 Resp: 1071981

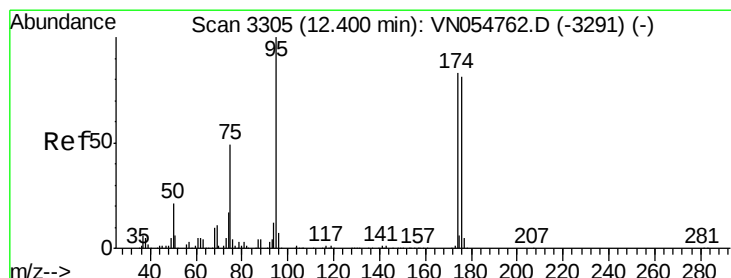
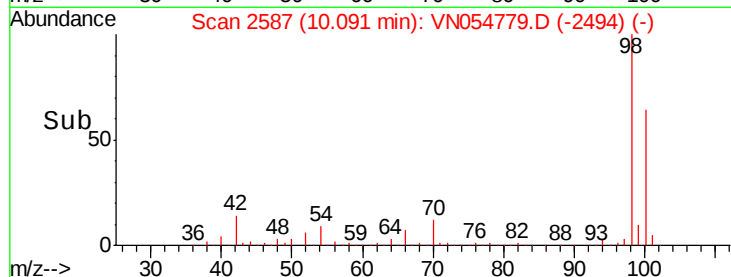
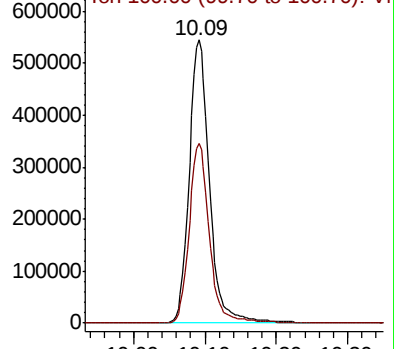
Ion Ratio Lower Upper

98 100

100 63.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054762.D (-2569) (-)



#62

4-Bromofluorobenzene

Concen: 43.885 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054779.D

Acq: 29 Mar 2019 19:18

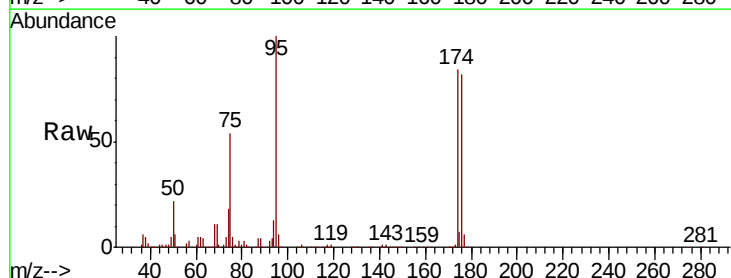
Tgt Ion: 95 Resp: 322898

Ion Ratio Lower Upper

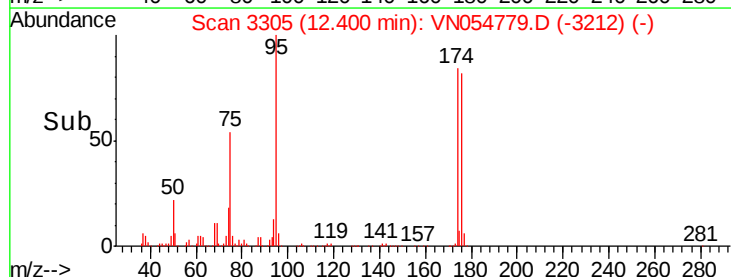
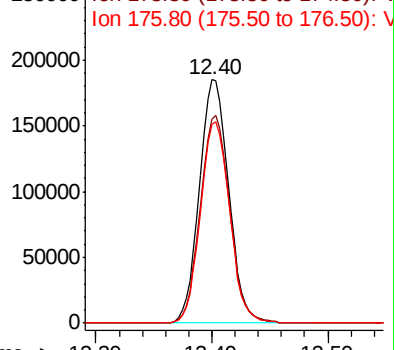
95 100

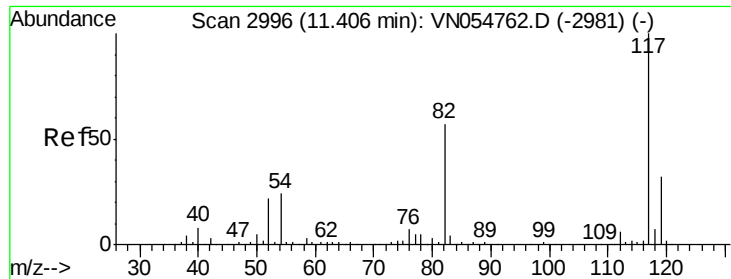
174 85.6 0.0 191.0

176 82.3 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054762.D (-3291) (-)

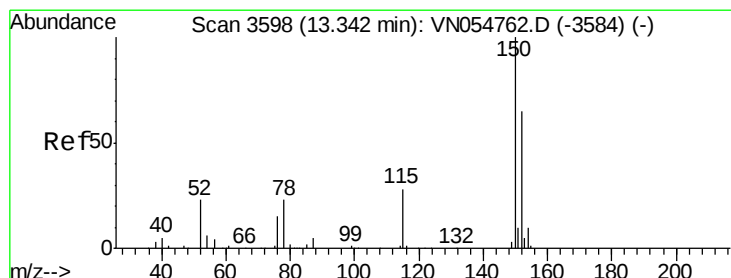
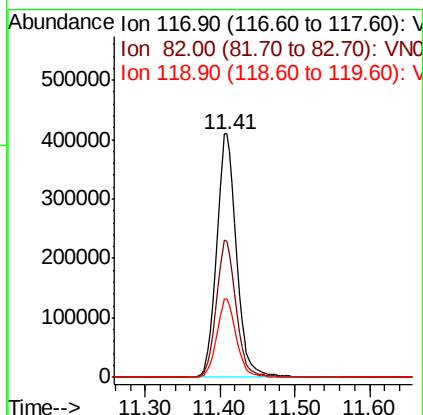
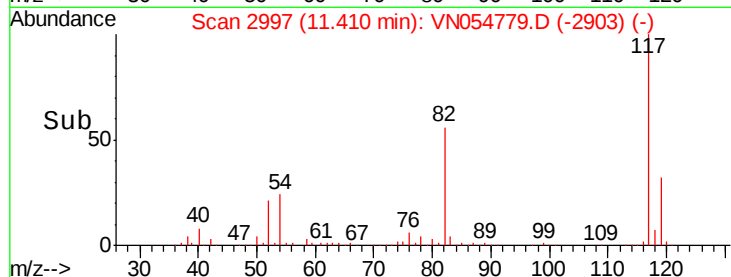
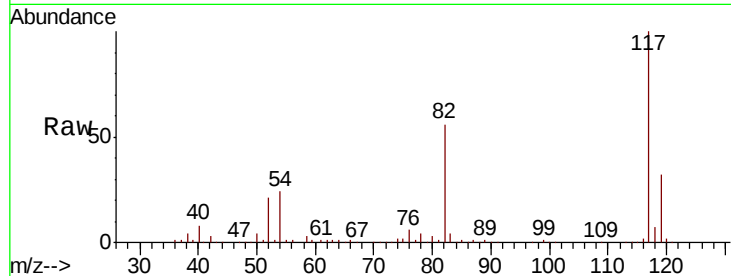




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054779.D
Acq: 29 Mar 2019 19:18

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

Tot Ion:117 Resp: 751332
Ion Ratio Lower Upper
117 100
82 55.6 40.0 60.0
119 32.2 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: VN054779.D
Acq: 29 Mar 2019 19:18

Tgt Ion:152 Resp: 265893
Ion Ratio Lower Upper
152 100
115 58.2 27.2 81.6
150 157.5 0.0 349.2

