

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112718\
 Data File : VN052481.D
 Acq On : 27 Nov 2018 16:20
 Operator : MD\SY
 Sample : J6063-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 28

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

Quant Time: Nov 28 06:44:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1329958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2034857	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1727144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	627386	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	678825	46.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.76%	
35) Dibromofluoromethane	7.59	113	611054	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
50) Toluene-d8	10.09	98	2450765	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.40	95	759709	46.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.60%	

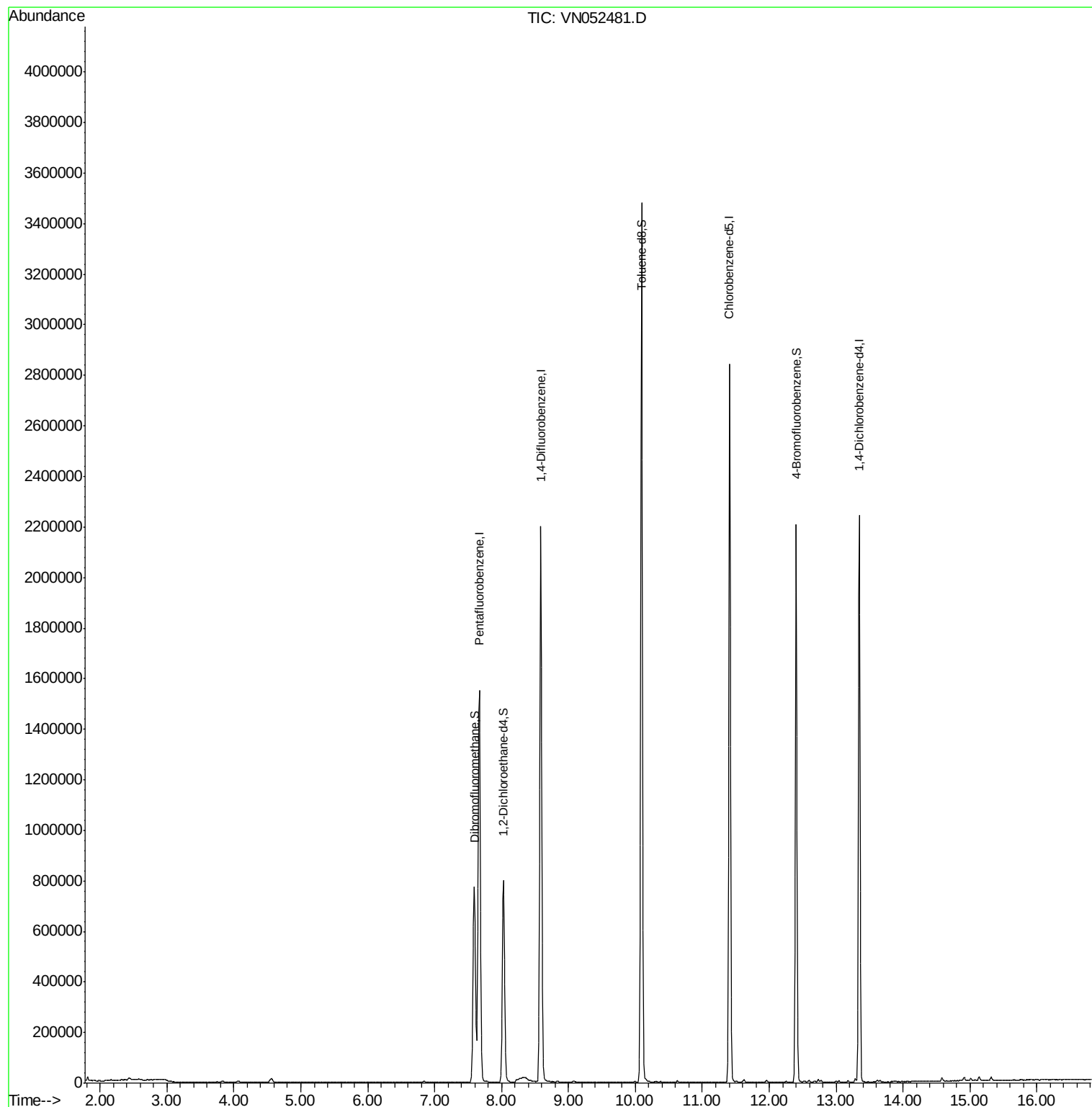
Target Compounds	Qvalue
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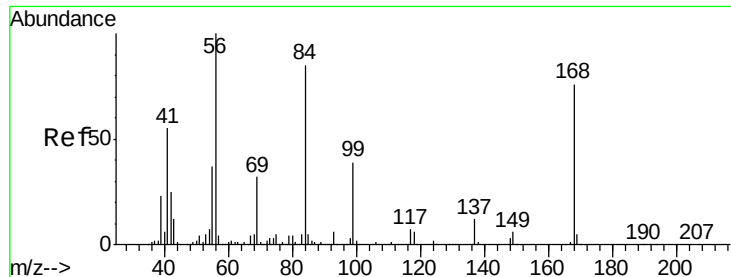
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052481.D

Acq: 27 Nov 2018 16:20

Instrument :

MSVOA_N

ClientSampleId :

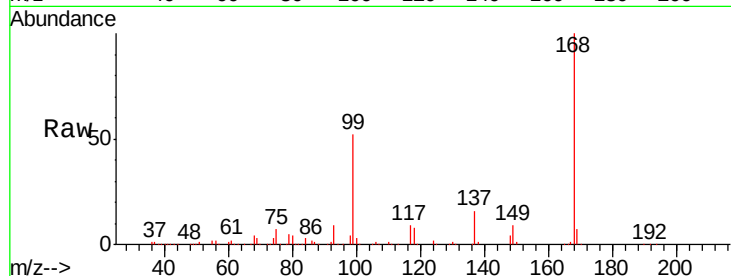
STORAGE-BLANK-WATER-REF-4

Tgt Ion:168 Resp: 1329958

Ion Ratio Lower Upper

168 100

99 51.8 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052481.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052481.D (-1740) (-)

7.67

600000

500000

400000

300000

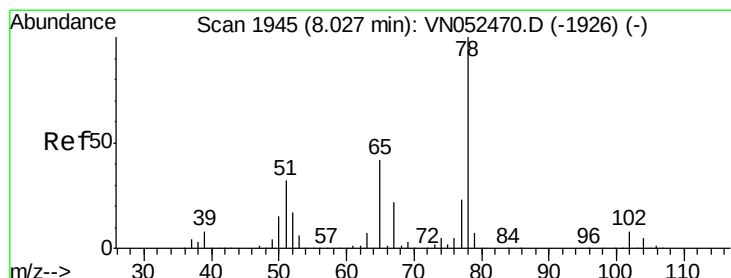
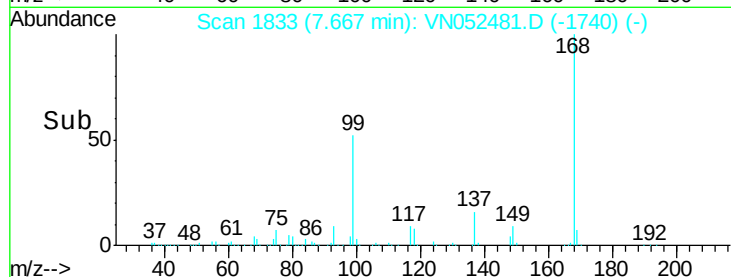
200000

100000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN052481.D

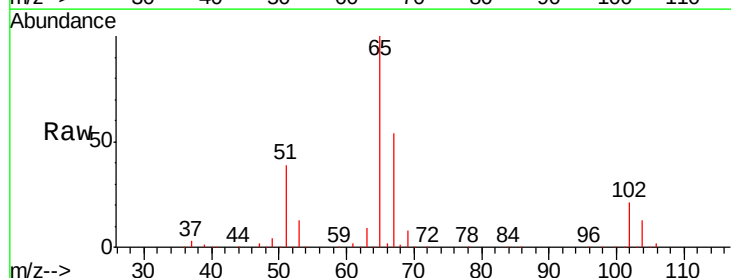
Acq: 27 Nov 2018 16:20

Tgt Ion: 65 Resp: 678825

Ion Ratio Lower Upper

65 100

67 54.8 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN052481.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN052481.D (-1852) (-)

8.03

300000

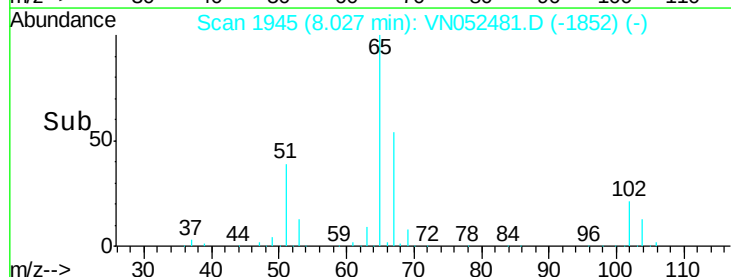
200000

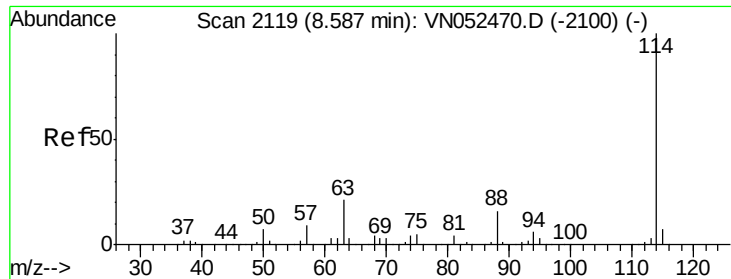
100000

0

7.90 8.00 8.10

Time-->

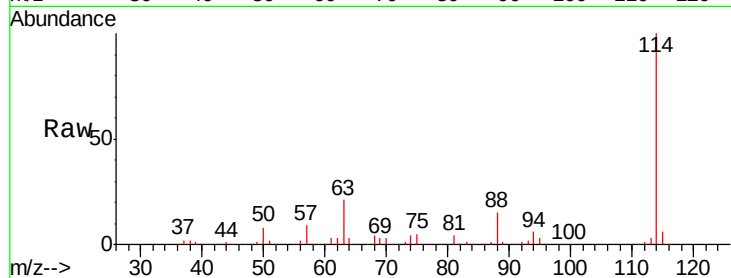




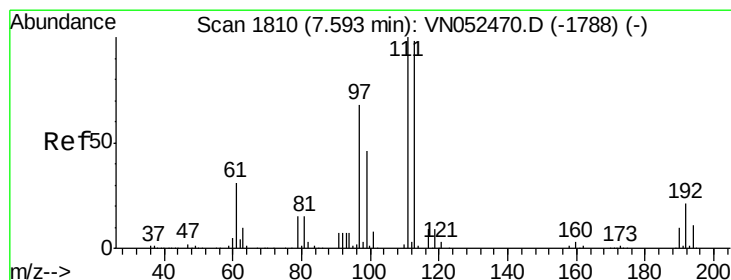
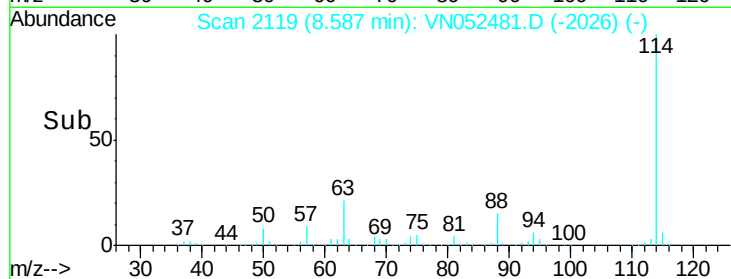
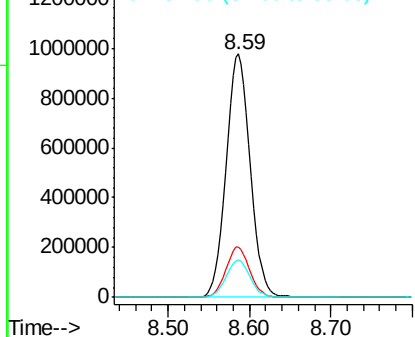
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052481.D
 Acq: 27 Nov 2018 16:20

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

Tgt Ion:114 Resp: 2034857
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.8
 88 15.4 0.0 31.6

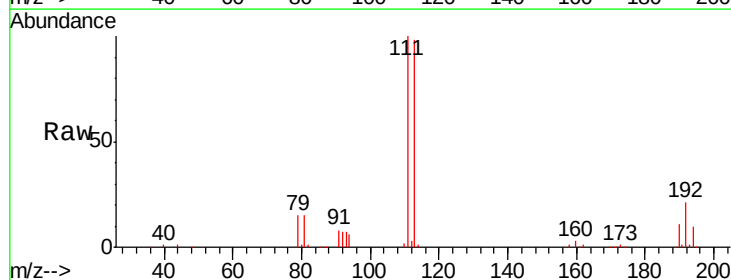


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

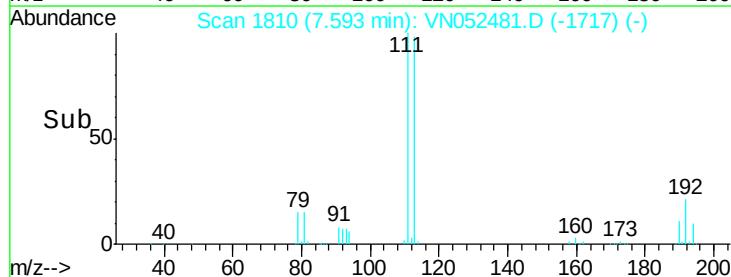
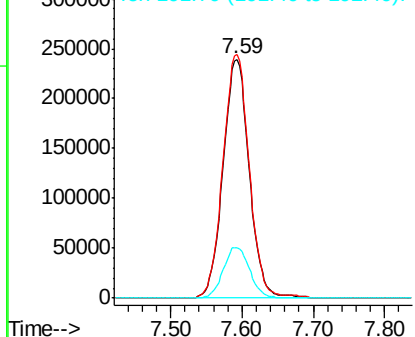


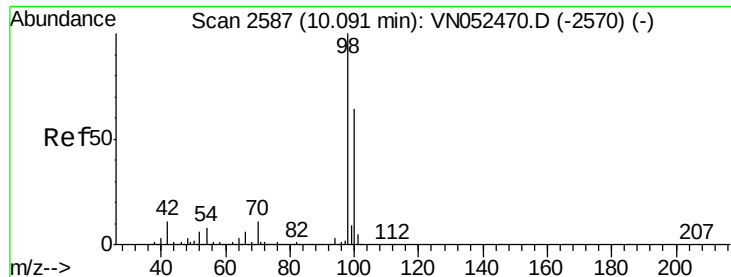
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052481.D
 Acq: 27 Nov 2018 16:20

Tgt Ion:113 Resp: 611054
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.0 123.0
 192 21.5 17.0 25.6



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: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052481.D

Acq: 27 Nov 2018 16:20

Instrument :

MSVOA_N

ClientSampleId :

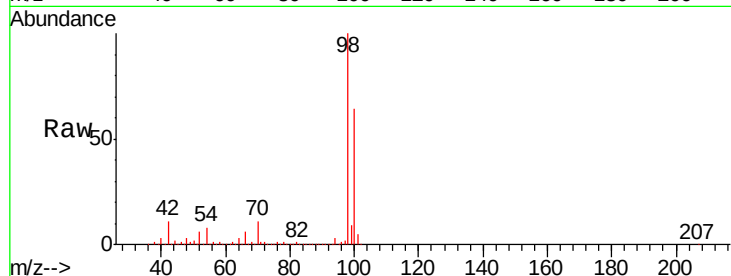
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 98 Resp: 2450765

Ion Ratio Lower Upper

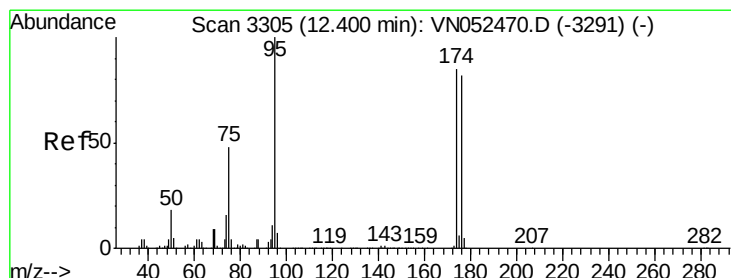
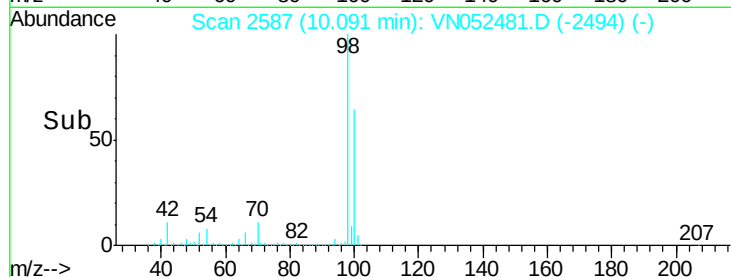
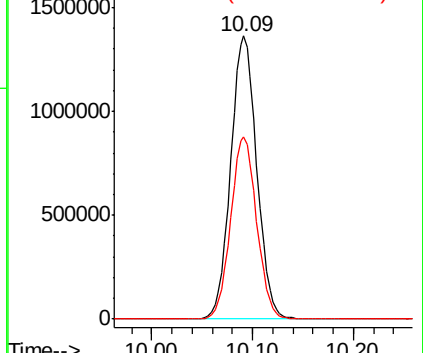
98 100

100 64.3 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052481.D

Acq: 27 Nov 2018 16:20

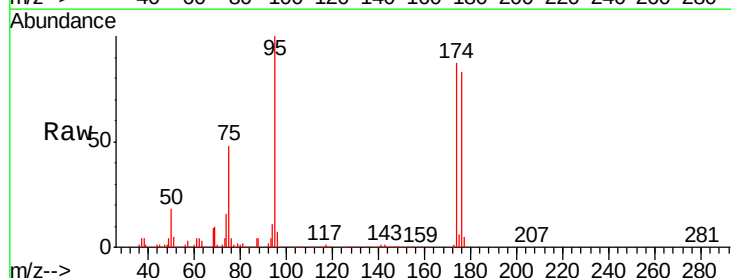
Tgt Ion: 95 Resp: 759709

Ion Ratio Lower Upper

95 100

174 85.7 0.0 173.0

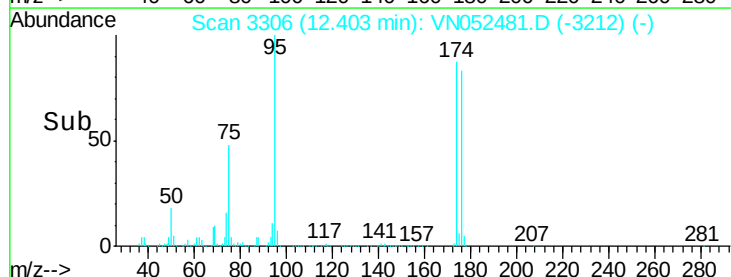
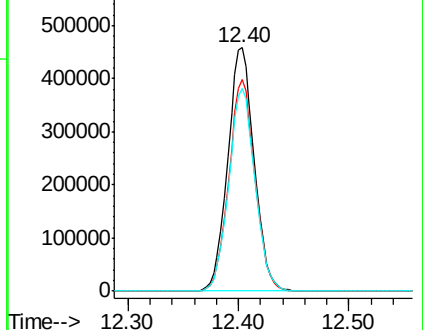
176 83.0 0.0 166.2

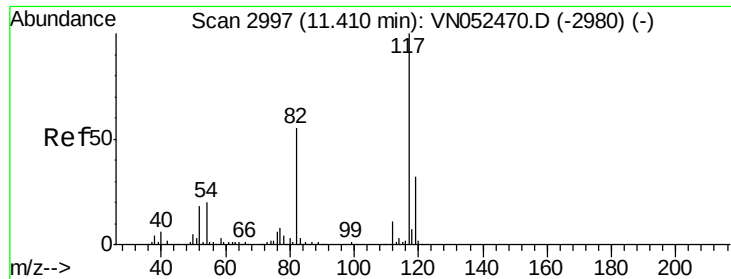


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

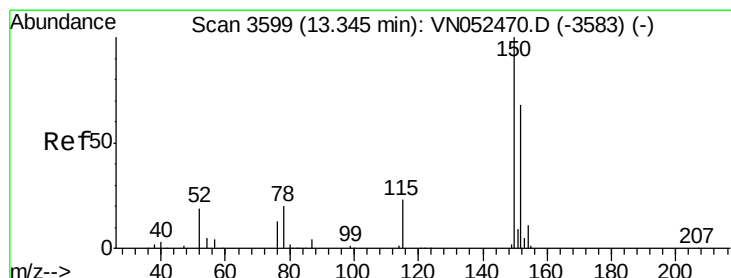
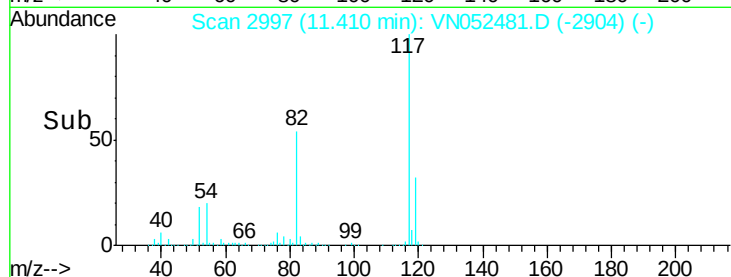
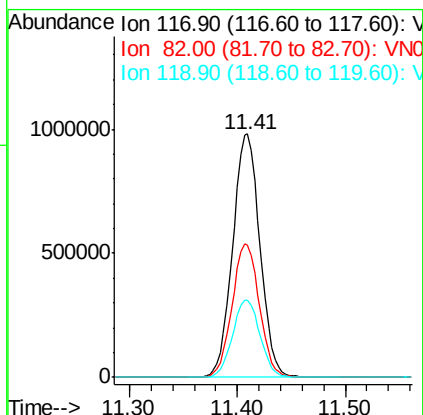
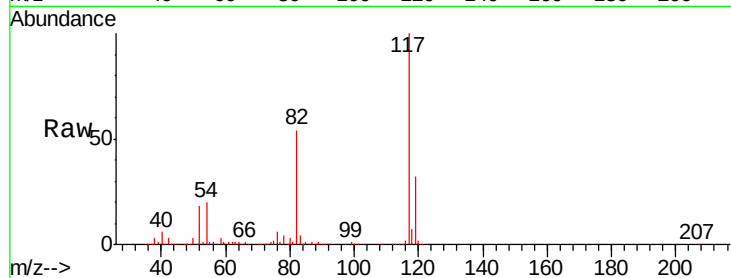




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN052481.D
Acq: 27 Nov 2018 16:20

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

Tgt Ion:117 Resp: 1727144
Ion Ratio Lower Upper
117 100
82 54.2 43.6 65.4
119 31.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN052481.D
Acq: 27 Nov 2018 16:20

Tgt Ion:152 Resp: 627386
Ion Ratio Lower Upper
152 100
115 57.6 28.4 85.2
150 157.5 0.0 346.0

