

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112018\
 Data File : VN052415.D
 Acq On : 20 Nov 2018 18:39
 Operator : MD\SY
 Sample : PB114952ZHE#09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114952ZHE#09

Quant Time: Nov 21 00:25:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	291051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	494760	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	428988	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	145532	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	223199	54.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.60%	
35) Dibromofluoromethane	7.59	113	162010	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
50) Toluene-d8	10.09	98	622720	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
62) 4-Bromofluorobenzene	12.40	95	185084	44.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.64%	

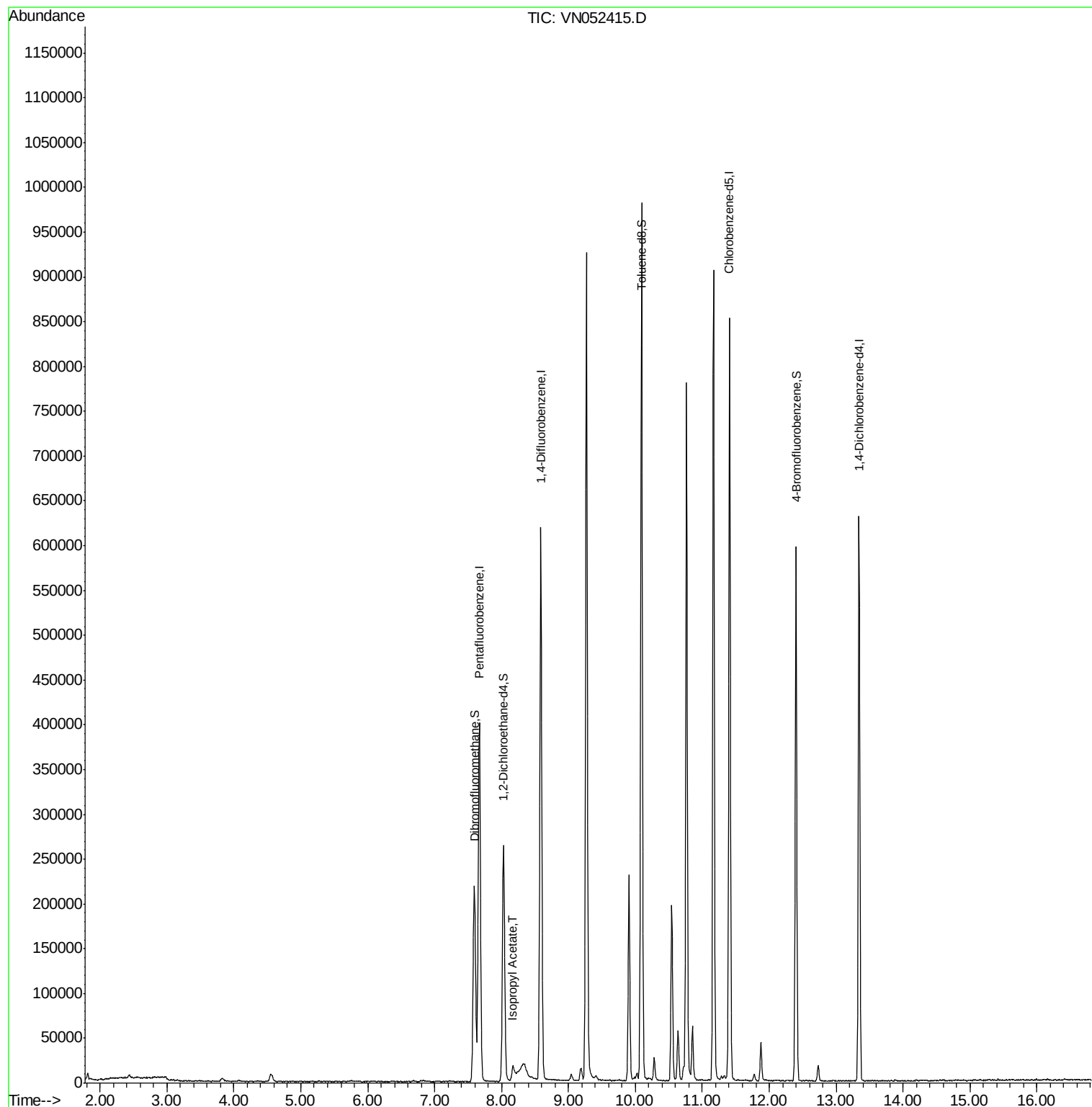
Target Compounds						Qvalue
43) Isopropyl Acetate	8.17	43	24552	3.54	ug/l	# 90

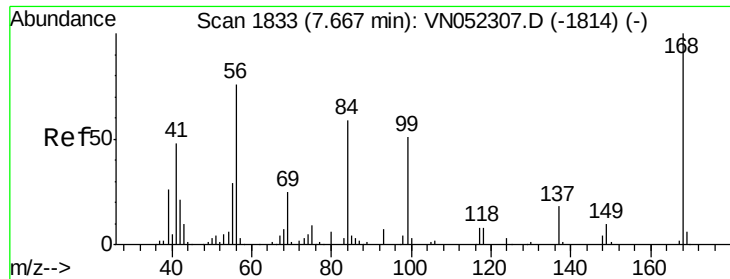
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN112018\
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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: VN052415.D

Acq: 20 Nov 2018 18:39

Instrument :

MSVOA_N

ClientSampleId :

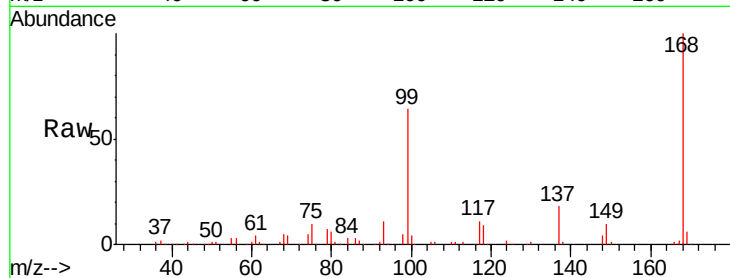
PB114952ZHE#09

Tgt Ion: 168 Resp: 291051

Ion Ratio Lower Upper

168 100

99 63.6 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

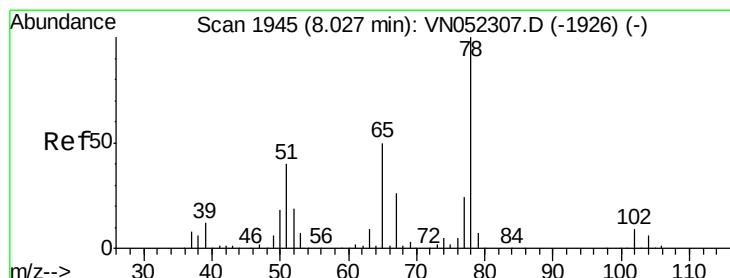
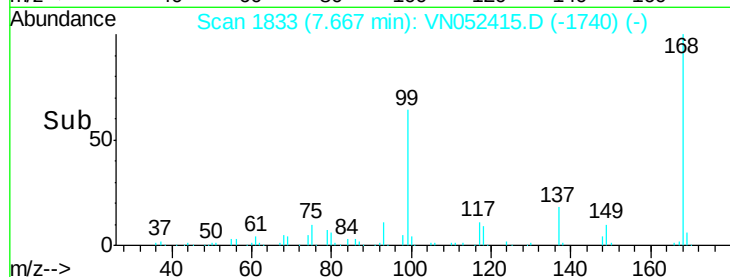
7.67

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN052415.D

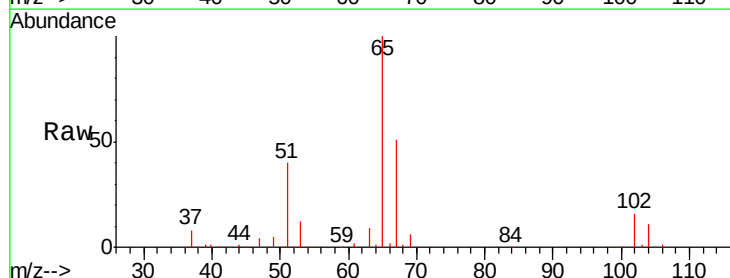
Acq: 20 Nov 2018 18:39

Tgt Ion: 65 Resp: 223199

Ion Ratio Lower Upper

65 100

67 50.5 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

100000

80000

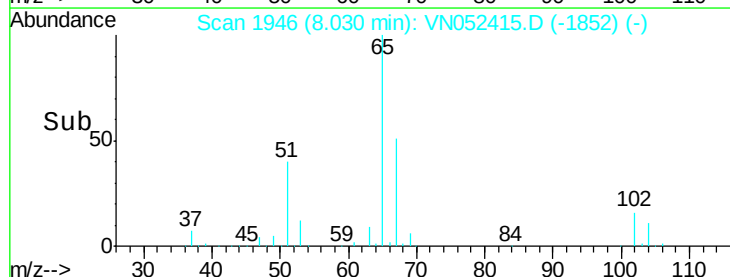
60000

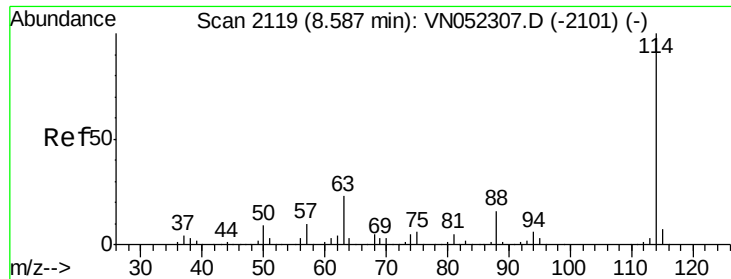
40000

20000

0

Time--> 7.95 8.00 8.05 8.10





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN052415.D

Acq: 20 Nov 2018 18:39

Instrument :

MSVOA_N

ClientSampleId :

PB114952ZHE#09

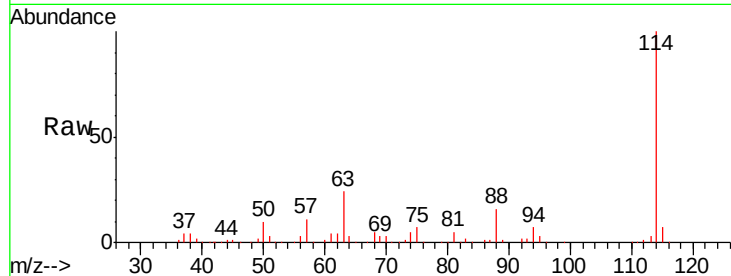
Tgt Ion:114 Resp: 494760

Ion Ratio Lower Upper

114 100

63 23.9 0.0 45.4

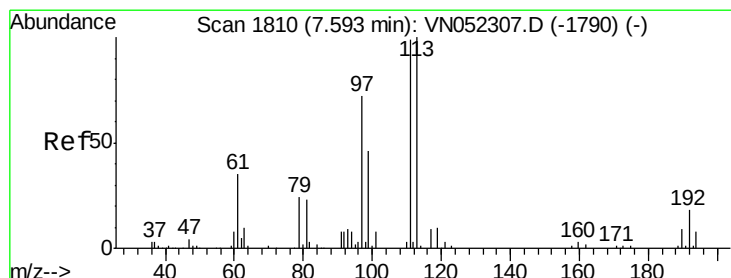
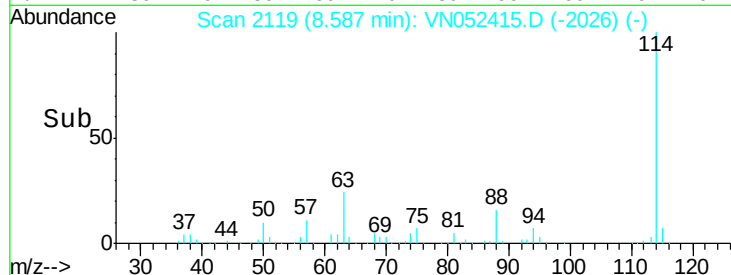
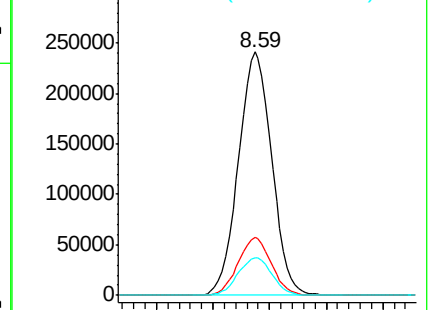
88 15.6 0.0 31.2



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: 50.00 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN052415.D

Acq: 20 Nov 2018 18:39

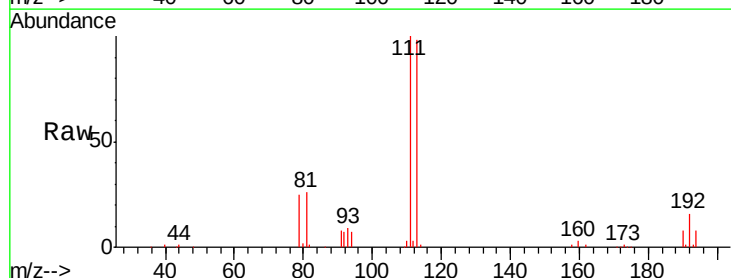
Tgt Ion:113 Resp: 162010

Ion Ratio Lower Upper

113 100

111 103.0 81.0 121.6

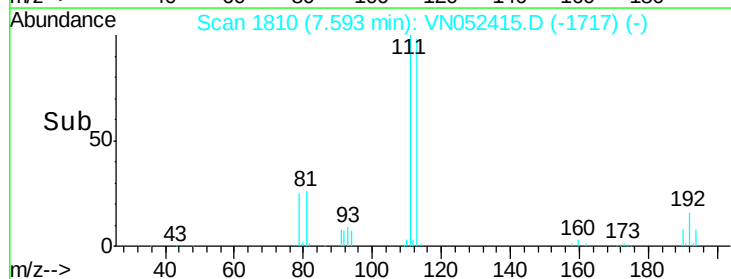
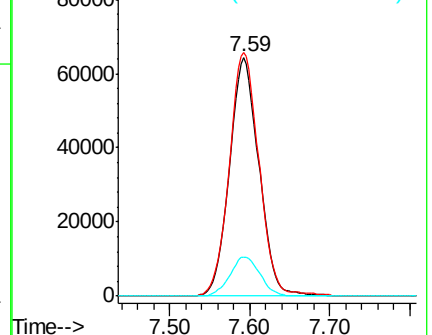
192 16.7 13.8 20.6

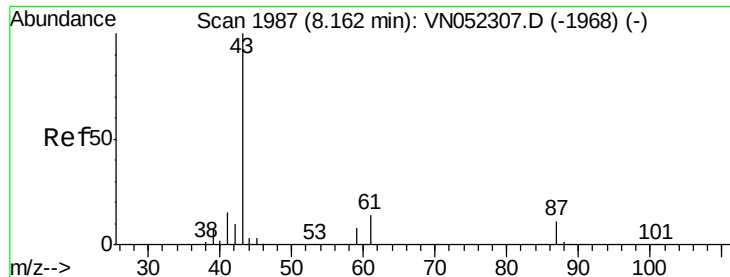


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.54 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN052415.D

Acq: 20 Nov 2018 18:39

Instrument :

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ClientSampleId :

PB114952ZHE#09

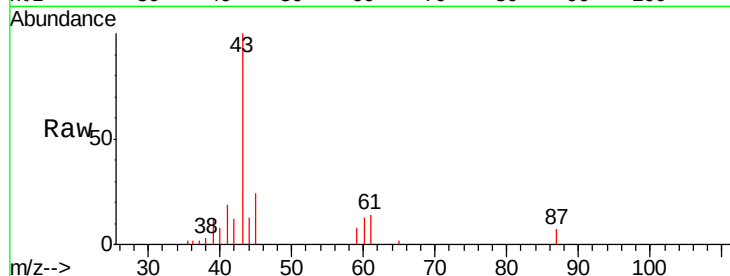
Tgt Ion: 43 Resp: 24552

Ion Ratio Lower Upper

43 100

61 10.9 12.0 18.0#

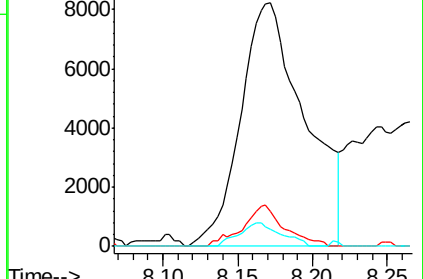
87 6.2 8.3 12.5#



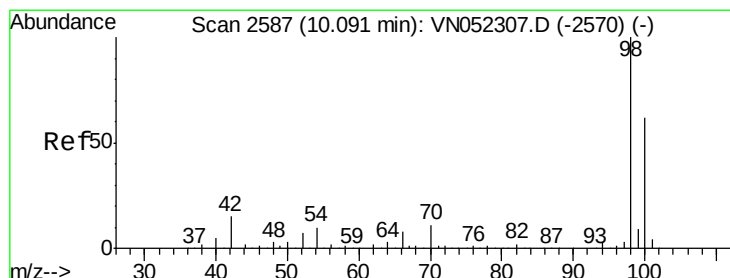
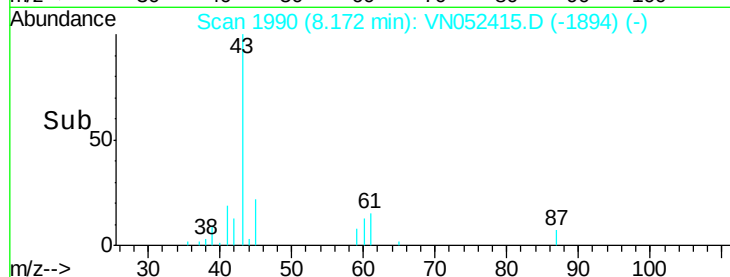
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



Time-->



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052415.D

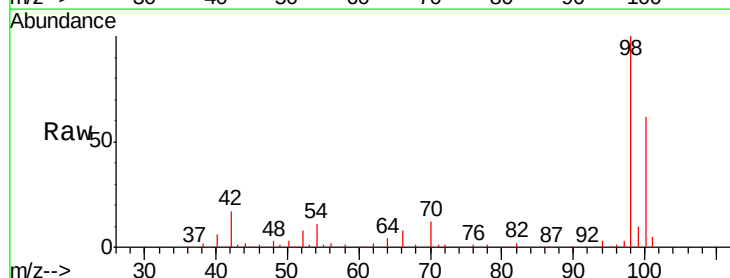
Acq: 20 Nov 2018 18:39

Tgt Ion: 98 Resp: 622720

Ion Ratio Lower Upper

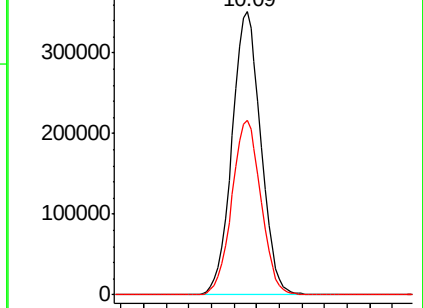
98 100

100 62.2 49.5 74.3

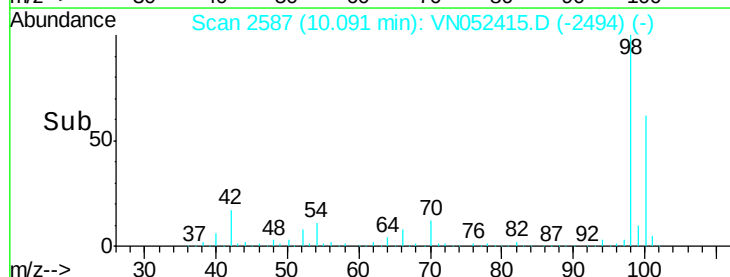


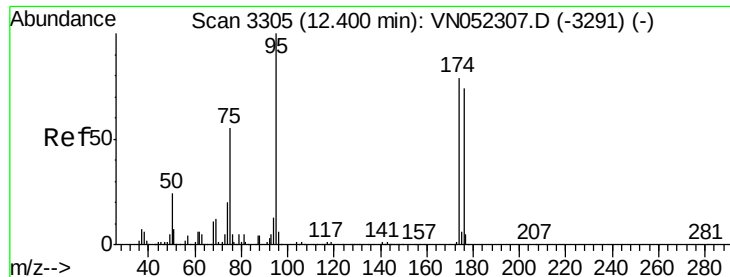
Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0



Time-->





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052415.D

Acq: 20 Nov 2018 18:39

Instrument :

MSVOA_N

ClientSampleId :

PB114952ZHE#09

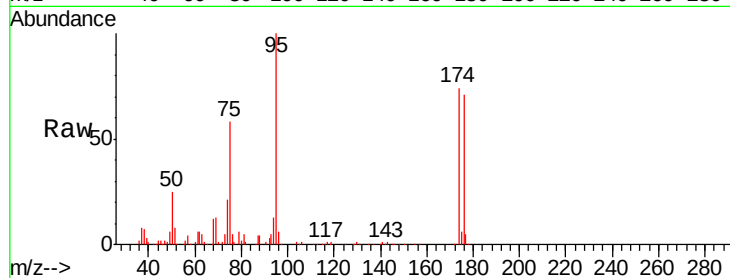
Tgt Ion: 95 Resp: 185084

Ion Ratio Lower Upper

95 100

174 75.3 0.0 156.0

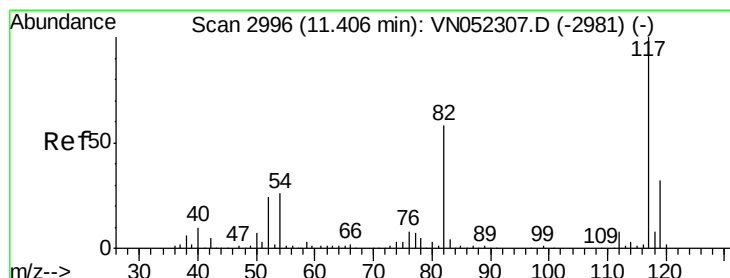
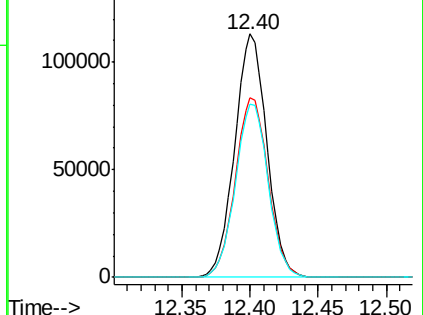
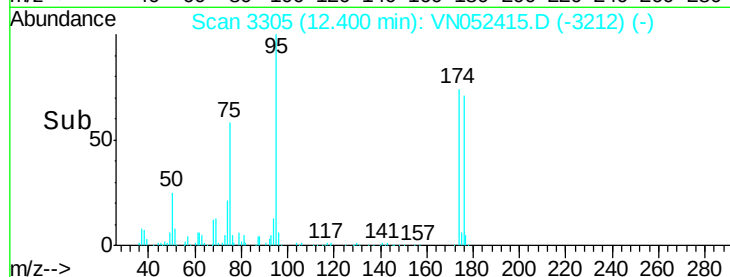
176 72.7 0.0 148.4



Abundance Ion 94.90 (94.60 to 95.60): VN052415.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN052415.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN052415.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN052415.D

Acq: 20 Nov 2018 18:39

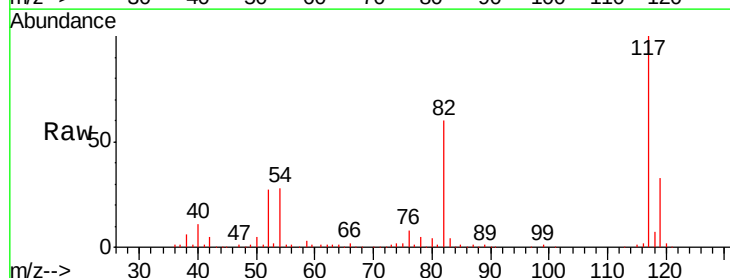
Tgt Ion: 117 Resp: 428988

Ion Ratio Lower Upper

117 100

82 60.1 46.5 69.7

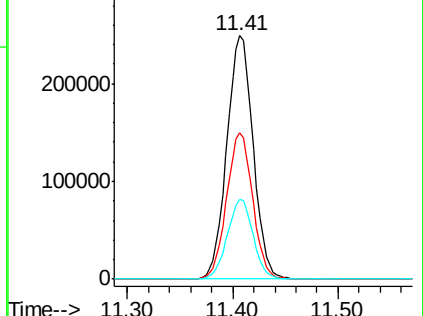
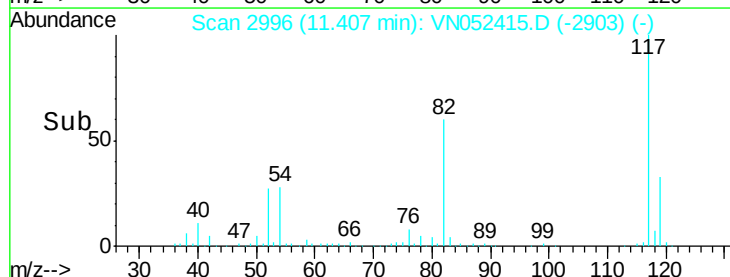
119 32.7 25.7 38.5

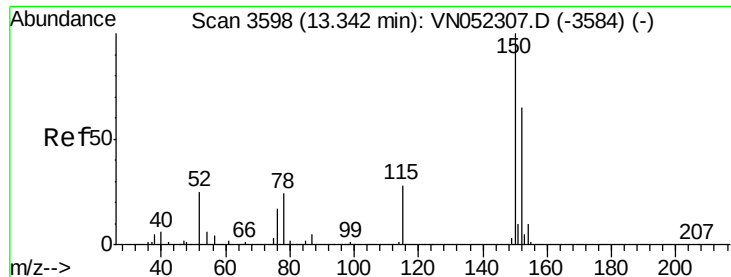


Abundance Ion 116.90 (116.60 to 117.60): VN052415.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN052415.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN052415.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052415.D

Acq: 20 Nov 2018 18:39

Instrument :

MSVOA_N

ClientSampleId :

PB114952ZHE#09

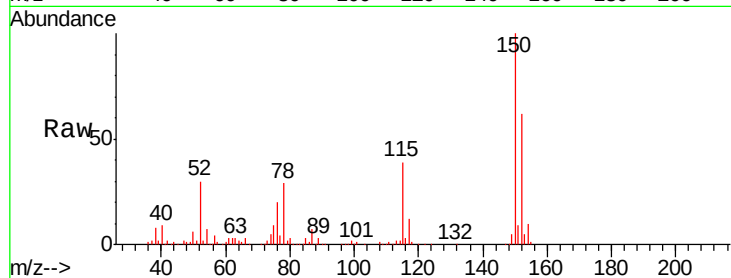
Tgt Ion:152 Resp: 145532

Ion Ratio Lower Upper

152 100

115 61.7 30.3 91.0

150 159.3 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

