

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122218\
 Data File : VN053160.D
 Acq On : 23 Dec 2018 4:20
 Operator : MD\SY
 Sample : J6446-13ME 10X
 Misc : 3.12g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 40 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS022-0612-01ME

Quant Time: Dec 24 06:06:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

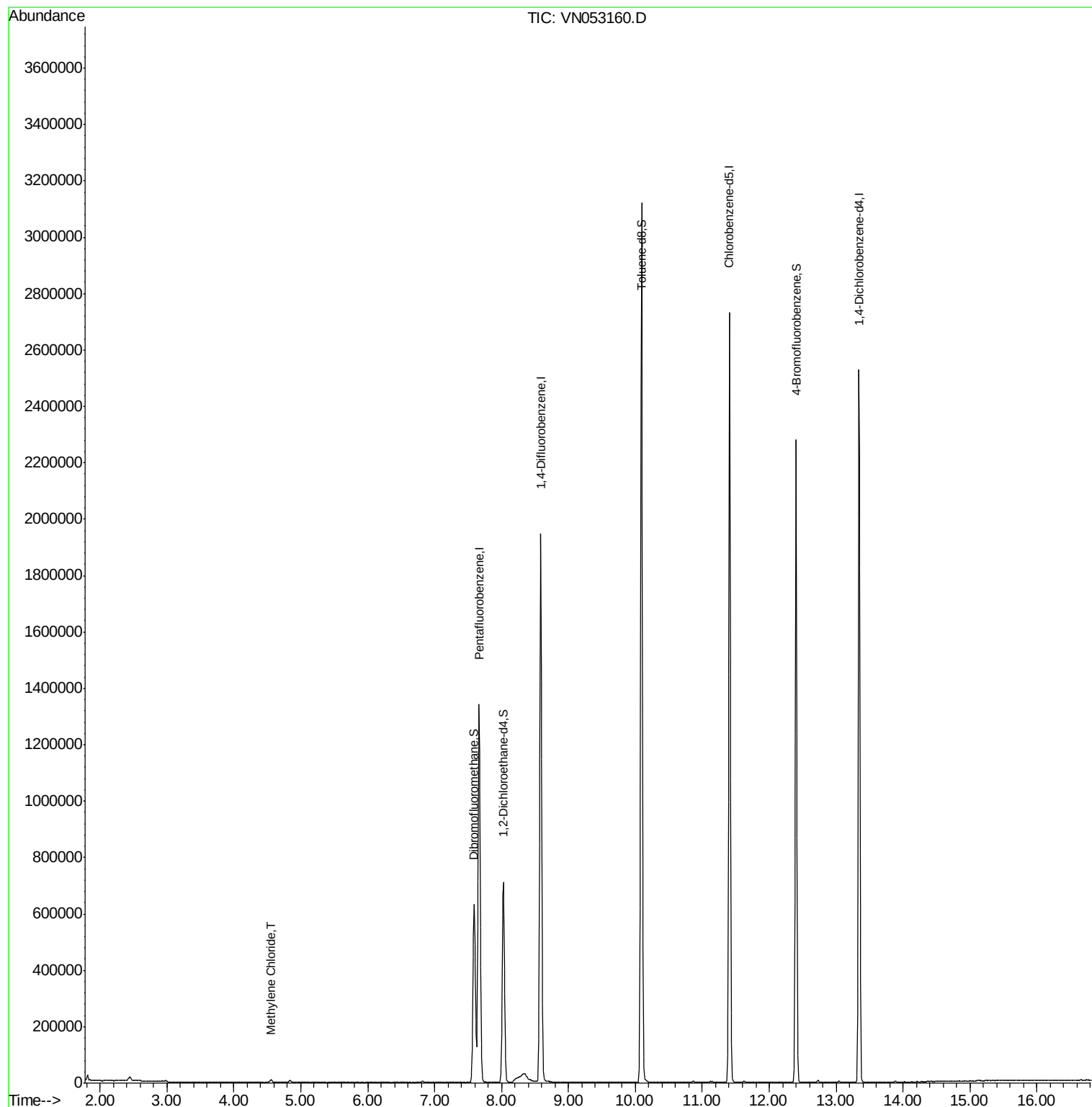
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1191330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1837287	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1677341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	714319	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	590328	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
35) Dibromofluoromethane	7.59	113	491579	58.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.14%	
50) Toluene-d8	10.09	98	2249335	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
62) 4-Bromofluorobenzene	12.40	95	775850	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
Target Compounds						
20) Methylene Chloride	4.55	84	7404	0.573	ug/l	Qvalue 94

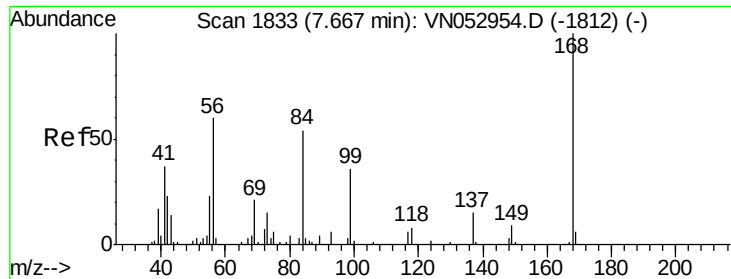
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN122218\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053160.D

Acq: 23 Dec 2018 4:20

Instrument :

MSVOA_N

ClientSampleId :

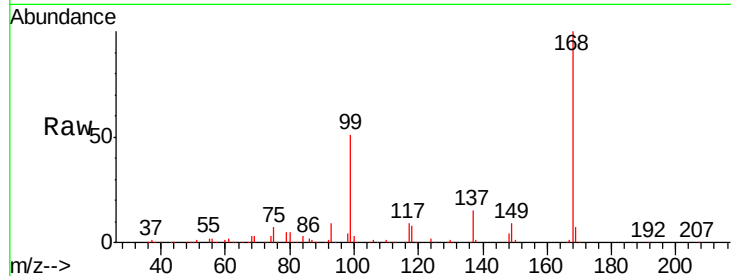
P001-SS022-0612-01ME

Tgt Ion:168 Resp: 1191330

Ion Ratio Lower Upper

168 100

99 50.7 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

500000

400000

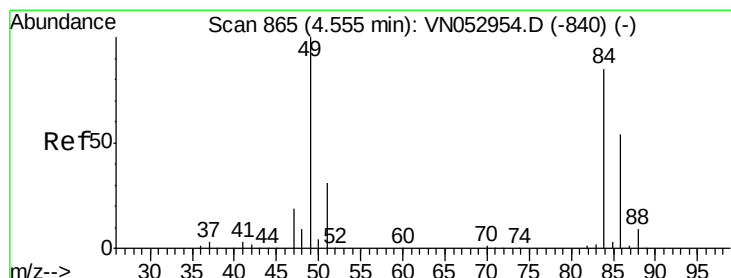
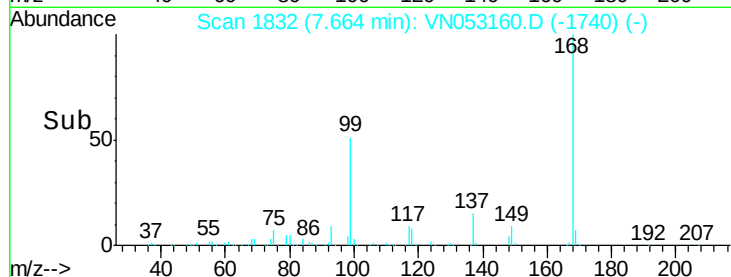
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 0.573 ug/l

RT: 4.55 min Scan# 865

Delta R.T. -0.00 min

Lab File: VN053160.D

Acq: 23 Dec 2018 4:20

Tgt Ion: 84 Resp: 7404

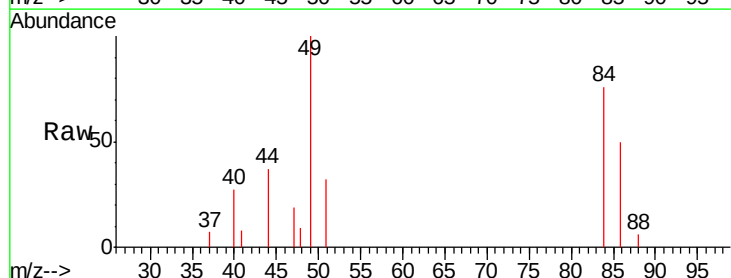
Ion Ratio Lower Upper

84 100

49 130.9 96.8 145.2

51 42.4 29.9 44.9

86 65.3 51.8 77.6



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

4.55

5000

4000

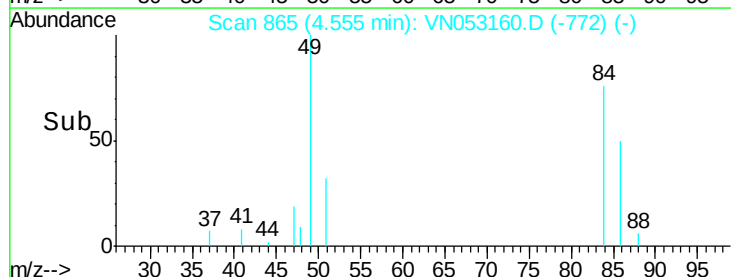
3000

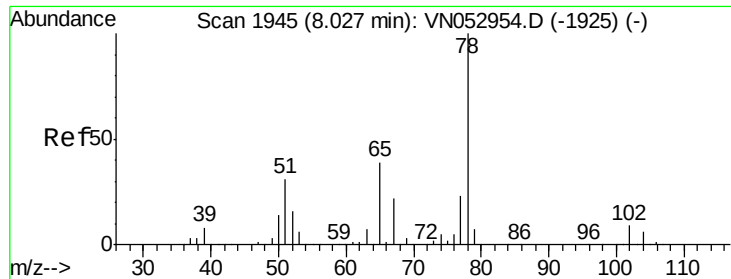
2000

1000

0

Time-->

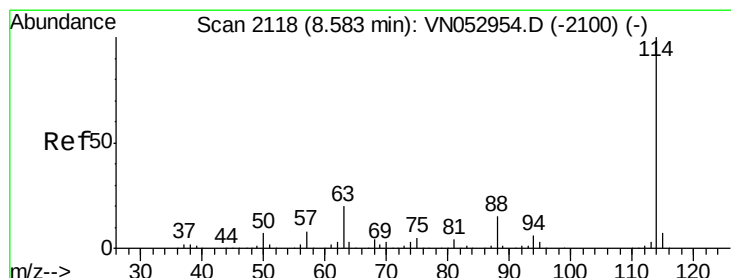
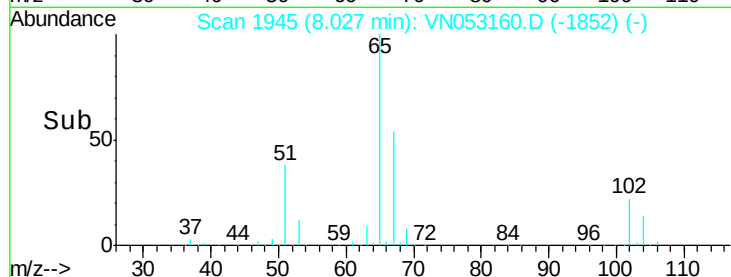
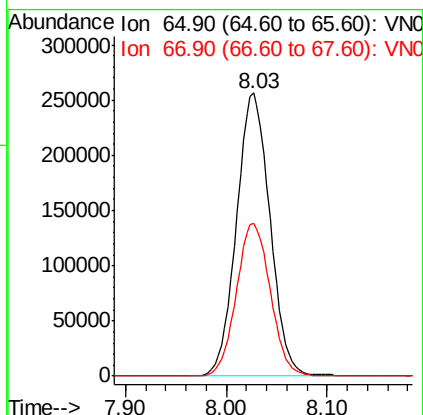
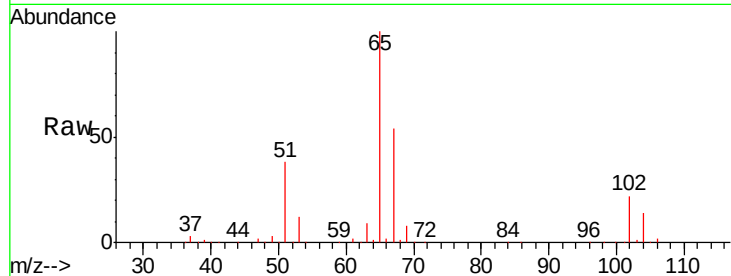




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053160.D
 Acq: 23 Dec 2018 4:20

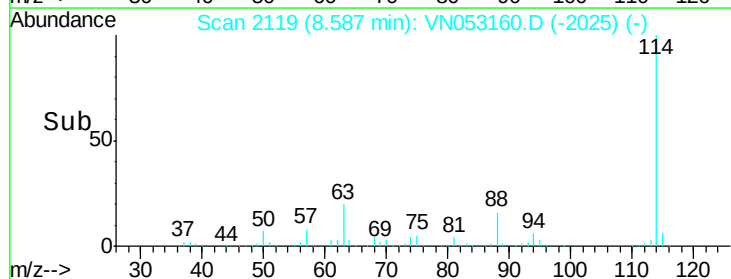
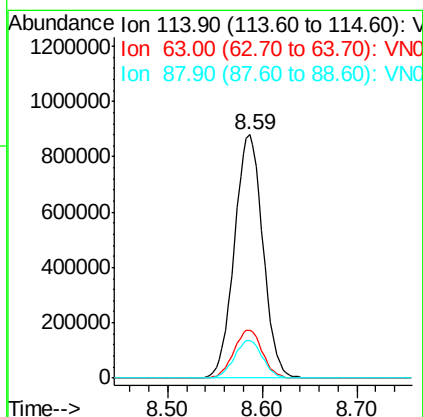
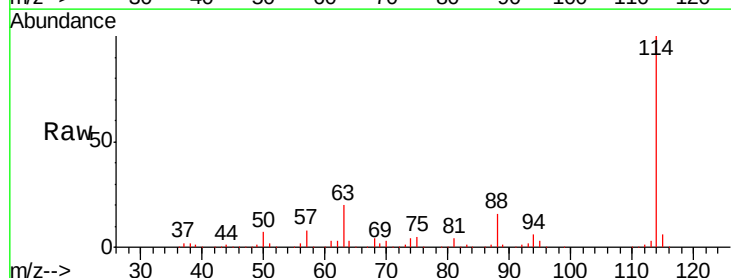
Instrument :
 MSVOA_N
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 P001-SS022-0612-01ME

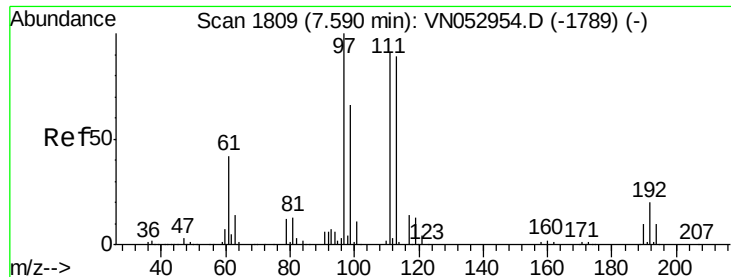
Tgt Ion: 65 Resp: 590328
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053160.D
 Acq: 23 Dec 2018 4:20

Tgt Ion: 114 Resp: 1837287
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.5 0.0 31.0

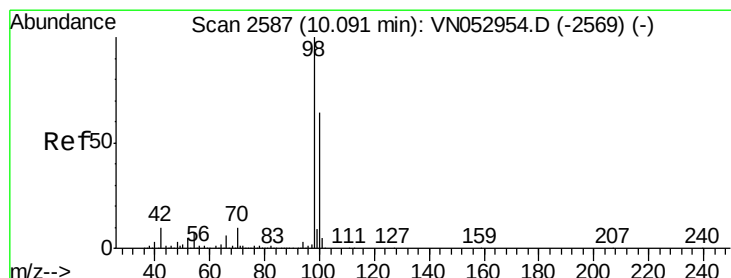
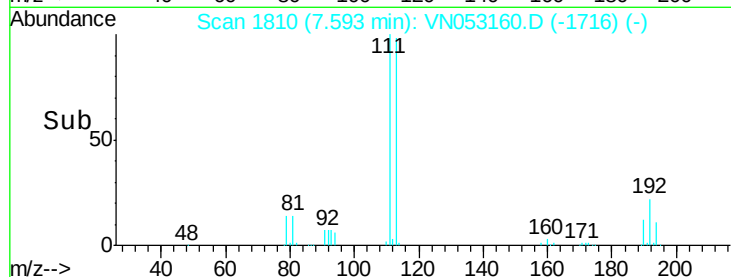
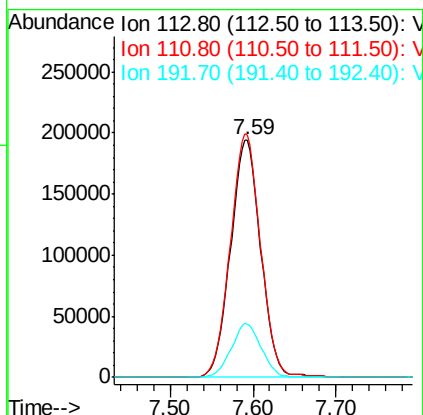
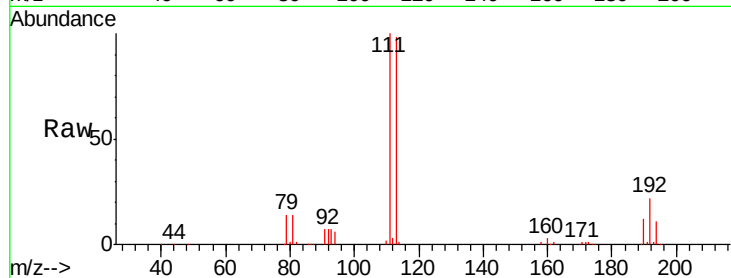




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053160.D
Acq: 23 Dec 2018 4:20

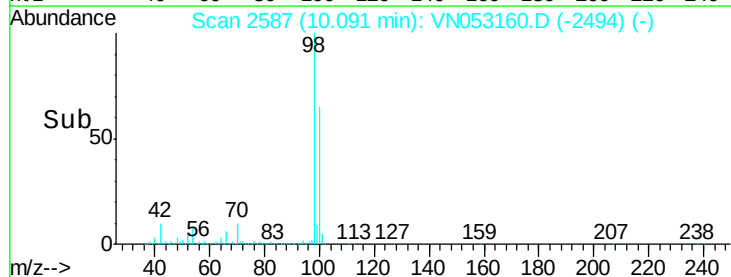
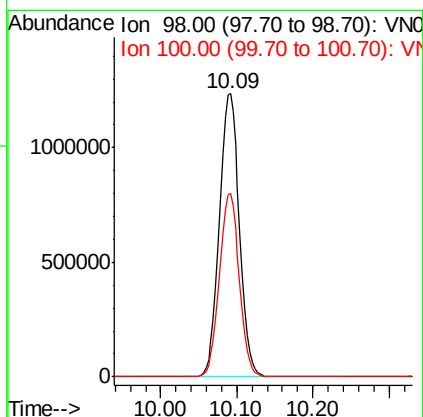
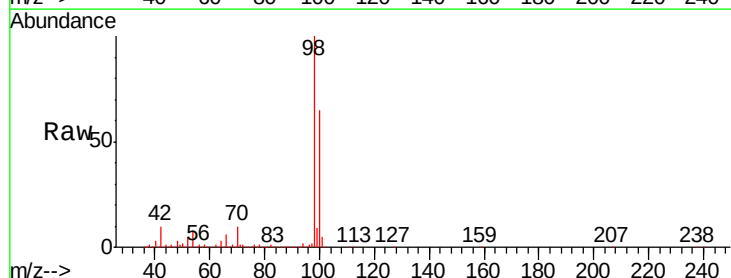
Instrument :
MSVOA_N
ClientSampleId :
P001-SS022-0612-01ME

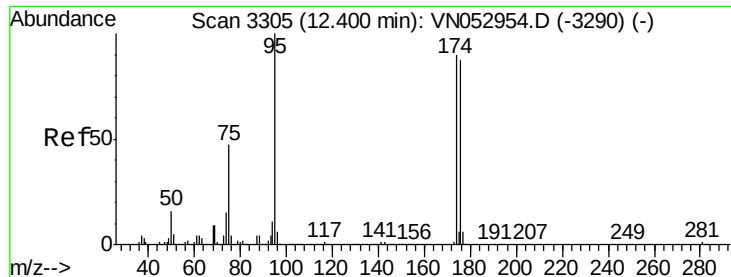
Tgt Ion:113 Resp: 491579
Ion Ratio Lower Upper
113 100
111 103.0 83.0 124.4
192 22.5 17.5 26.3



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053160.D
Acq: 23 Dec 2018 4:20

Tgt Ion: 98 Resp: 2249335
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053160.D

Acq: 23 Dec 2018 4:20

Instrument :

MSVOA_N

ClientSampleId :

P001-SS022-0612-01ME

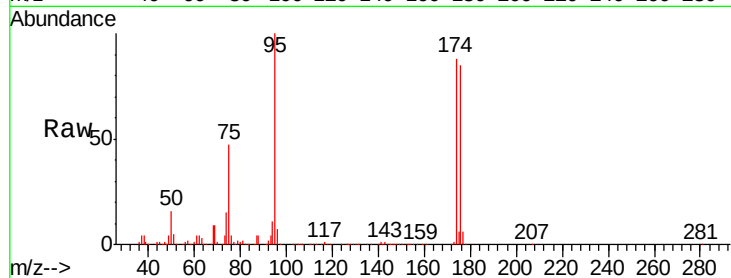
Tgt Ion: 95 Resp: 775850

Ion Ratio Lower Upper

95 100

174 88.8 0.0 178.8

176 85.9 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN053160.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN053160.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN053160.D (-3212) (-)

12.40

600000

500000

400000

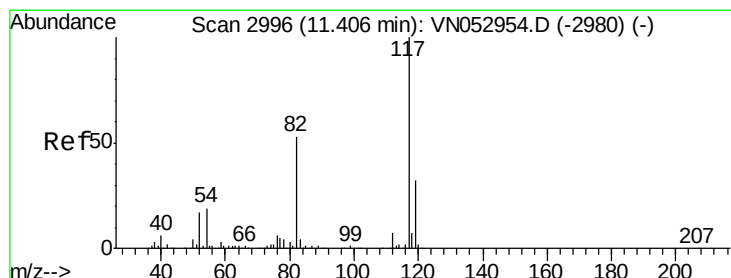
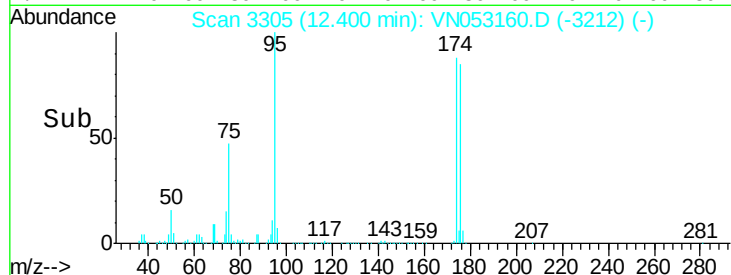
300000

200000

100000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN053160.D

Acq: 23 Dec 2018 4:20

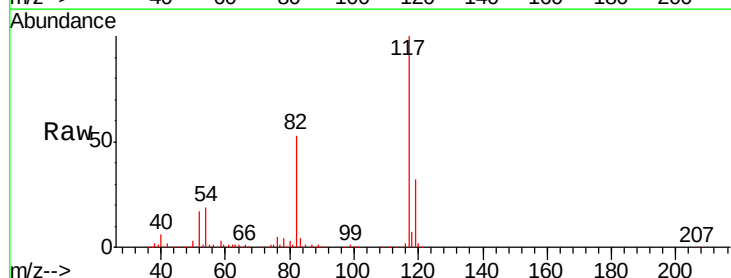
Tgt Ion: 117 Resp: 1677341

Ion Ratio Lower Upper

117 100

82 53.2 42.8 64.2

119 32.4 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN053160.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN053160.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN053160.D (-2903) (-)

11.41

1200000

1000000

800000

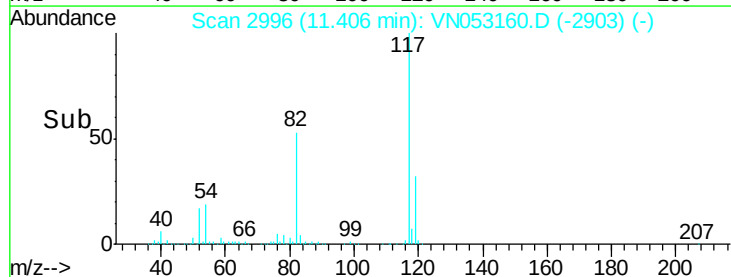
600000

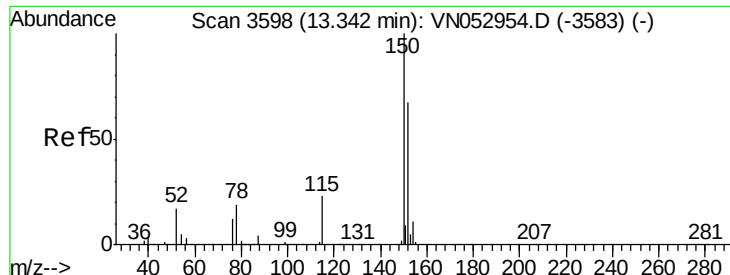
400000

200000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053160.D

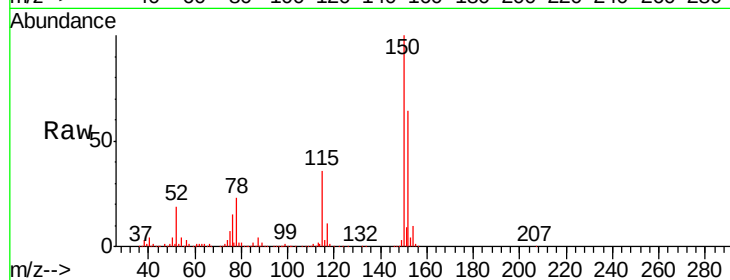
Acq: 23 Dec 2018 4:20

Instrument :

MSVOA_N

ClientSampleId :

P001-SS022-0612-01ME



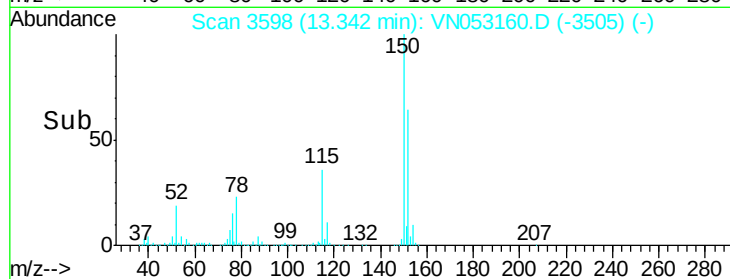
Tgt Ion:152 Resp: 714319

Ion Ratio Lower Upper

152 100

115 56.7 28.3 85.0

150 157.7 0.0 347.8



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

