

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
 Data File : VN055357.D
 Acq On : 2 May 2019 18:25
 Operator : JC/SP
 Sample : K2658-16DL 40X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-PZ-FD-01DL

Quant Time: May 03 17:30:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

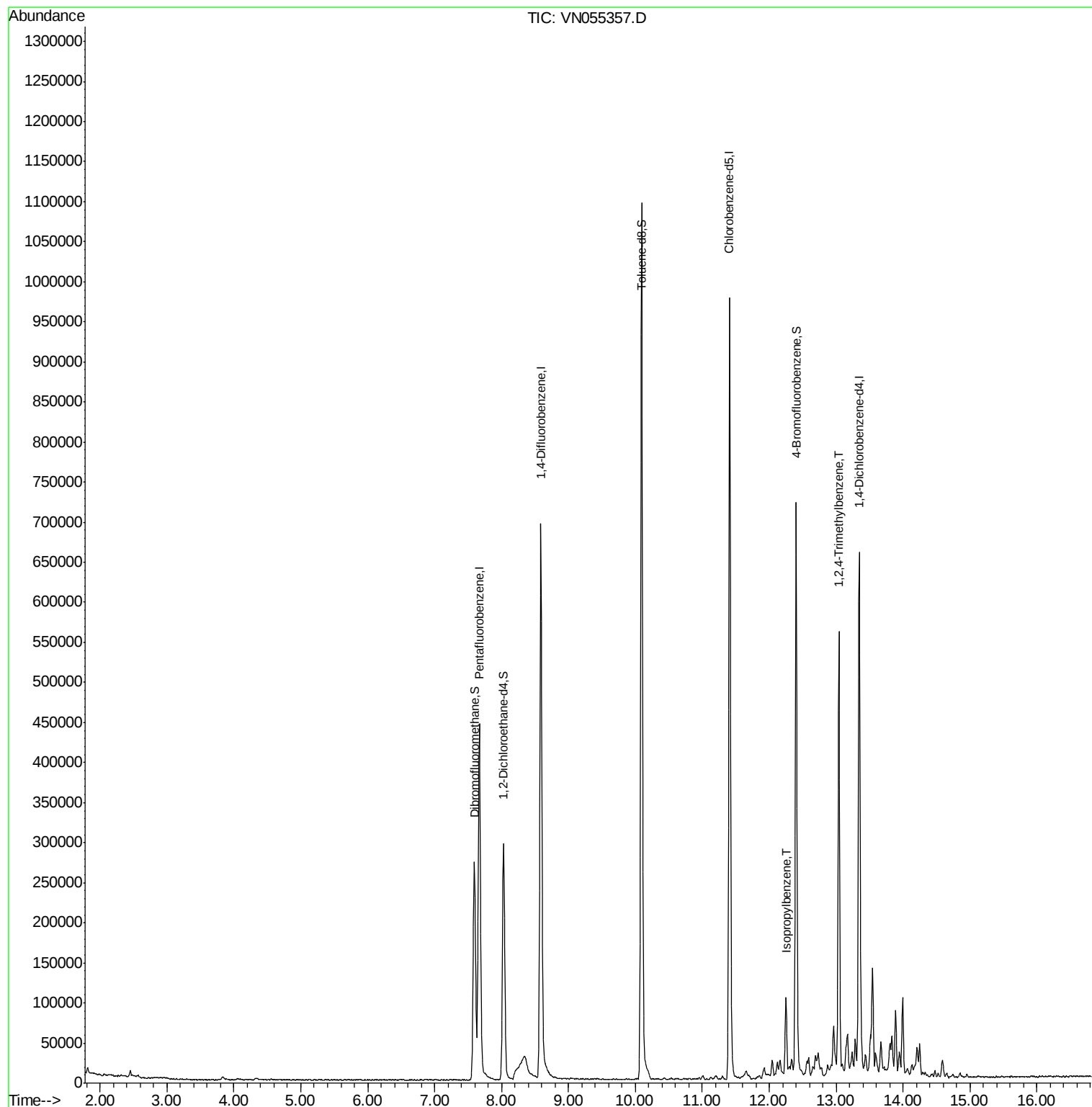
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	372593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	637957	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	567285	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	173616	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	259093	53.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.30%	
35) Dibromofluoromethane	7.59	113	205163	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
50) Toluene-d8	10.09	98	783747	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.68%	
62) 4-Bromofluorobenzene	12.40	95	248587	52.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.20%	
Target Compounds						
73) Isopropylbenzene	12.25	105	63174	1.506	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	303074	24.897	ug/l	100

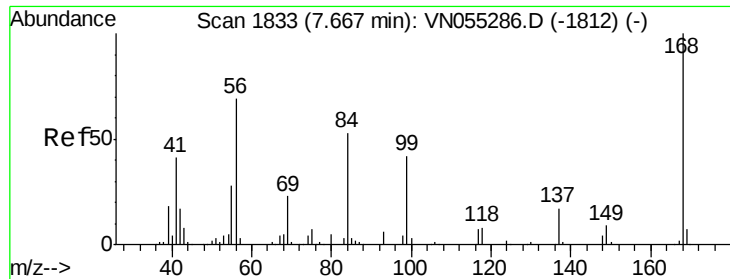
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN055357.D

Acq: 2 May 2019 18:25

Instrument :

MSVOA_N

ClientSampleId :

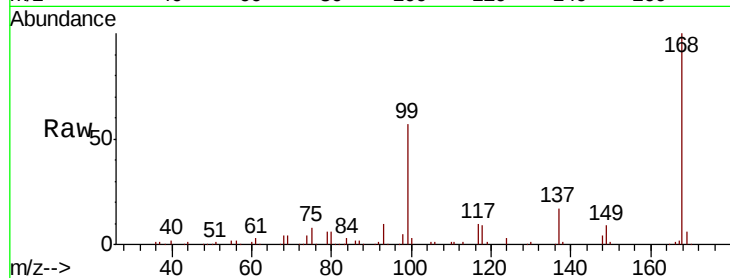
EP1-PZ-FD-01DL

Tgt Ion:168 Resp: 372593

Ion Ratio Lower Upper

168 100

99 57.0 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055286.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055286.D (-1812) (-)

7.67

150000

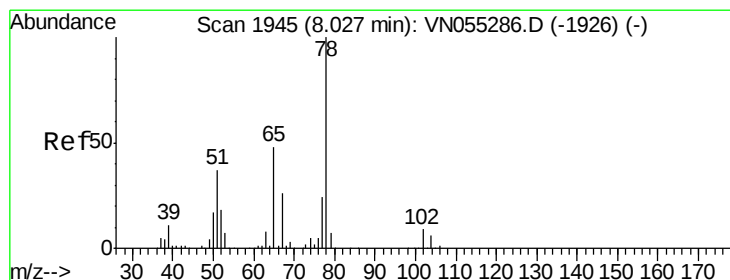
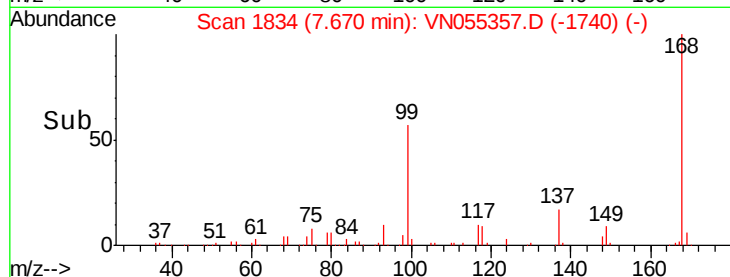
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.154 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN055357.D

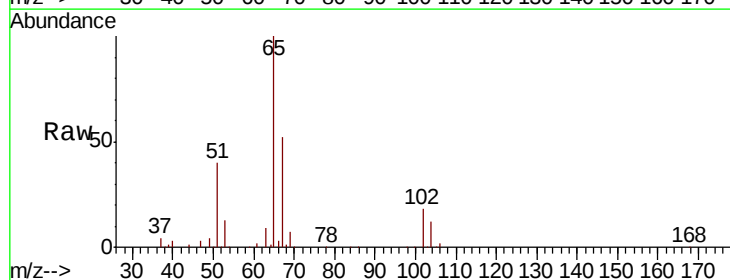
Acq: 2 May 2019 18:25

Tgt Ion: 65 Resp: 259093

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN055286.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN055286.D (-1926) (-)

8.03

120000

100000

80000

60000

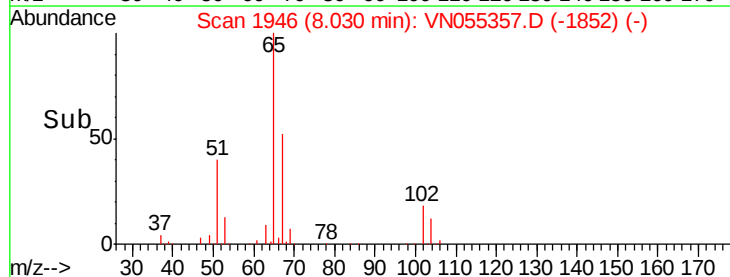
40000

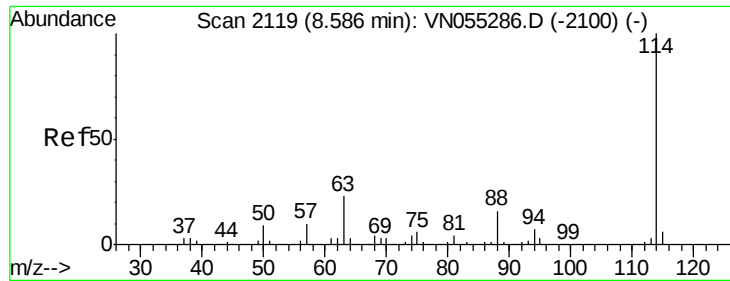
20000

0

7.90 8.00 8.10 8.20

Time-->

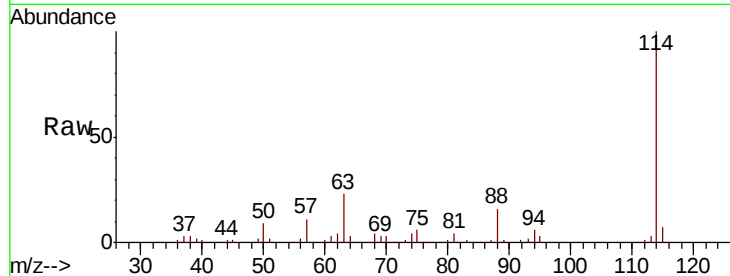




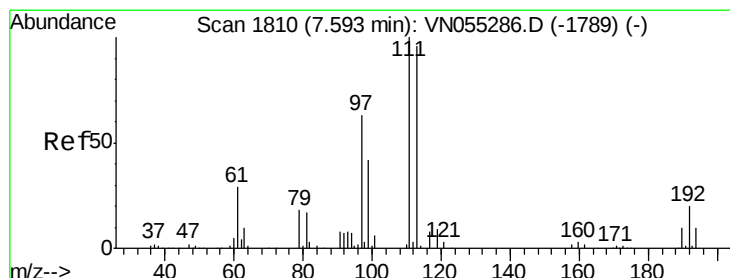
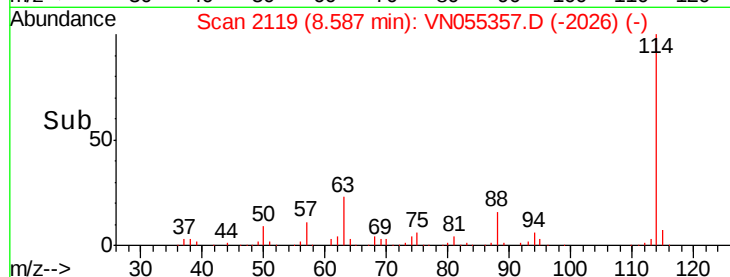
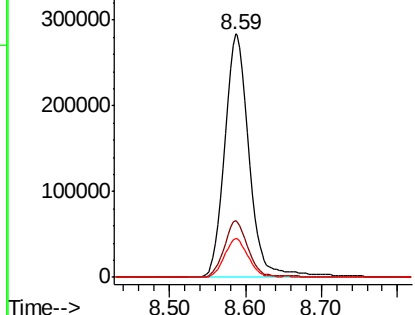
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055357.D
 Acq: 2 May 2019 18:25

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-PZ-FD-01DL

Tgt Ion:114 Resp: 637957
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 45.2
 88 16.0 0.0 31.6

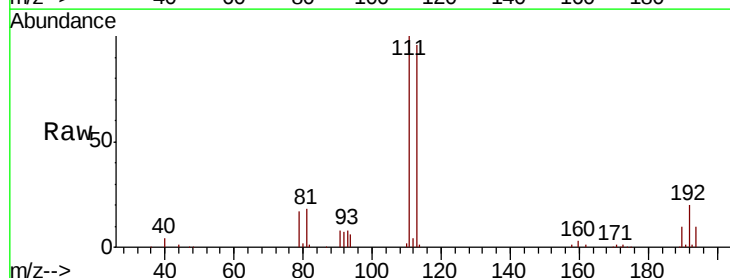


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

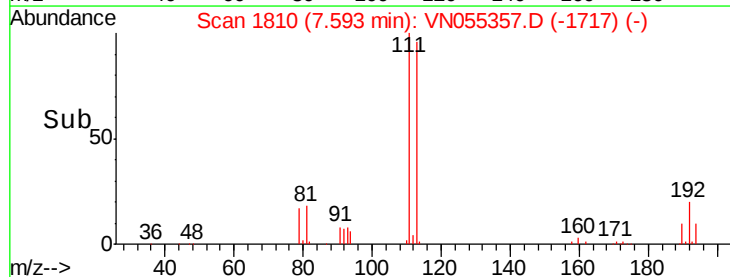
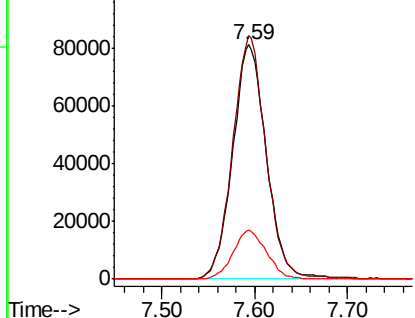


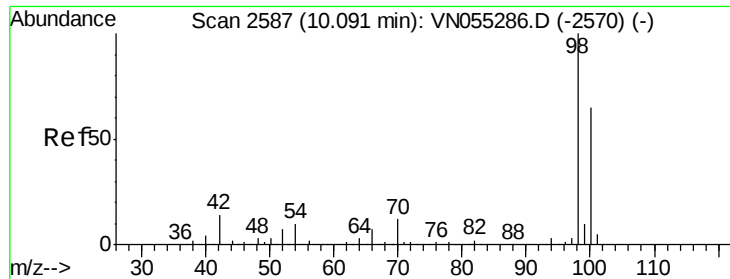
#35
 Dibromofluoromethane
 Concen: 48.996 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055357.D
 Acq: 2 May 2019 18:25

Tgt Ion:113 Resp: 205163
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.3 123.5
 192 20.7 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: 51.835 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055357.D

Acq: 2 May 2019 18:25

Instrument :

MSVOA_N

ClientSampleId :

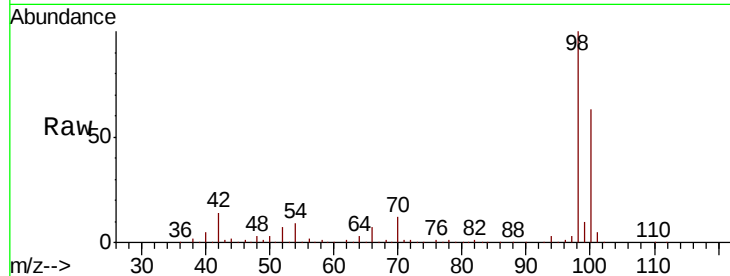
EP1-PZ-FD-01DL

Tgt Ion: 98 Resp: 783747

Ion Ratio Lower Upper

98 100

100 63.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN055286.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055286.D (-2570) (-)

10.09

400000

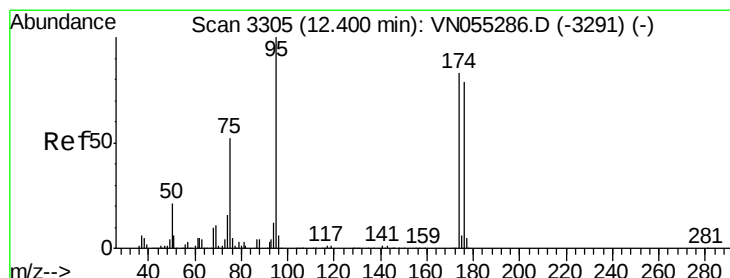
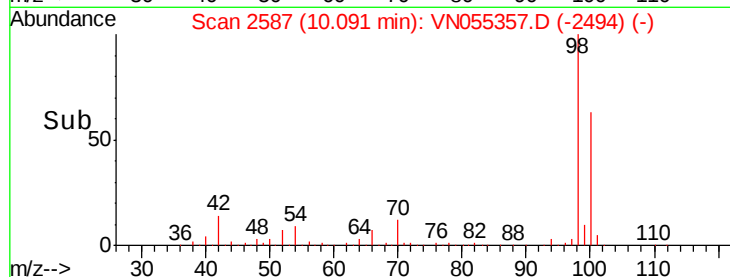
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.605 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055357.D

Acq: 2 May 2019 18:25

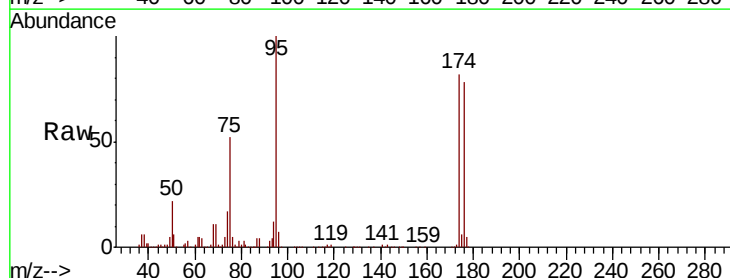
Tgt Ion: 95 Resp: 248587

Ion Ratio Lower Upper

95 100

174 83.1 0.0 166.6

176 80.2 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN055286.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055286.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055286.D (-3291) (-)

12.40

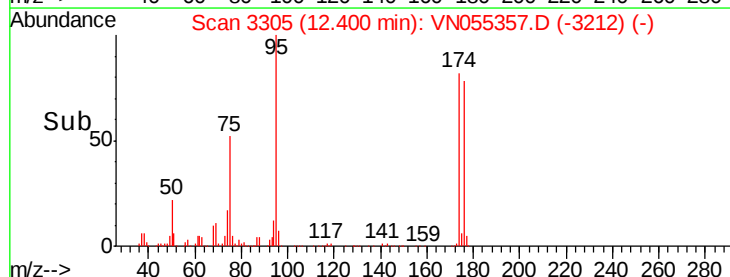
150000

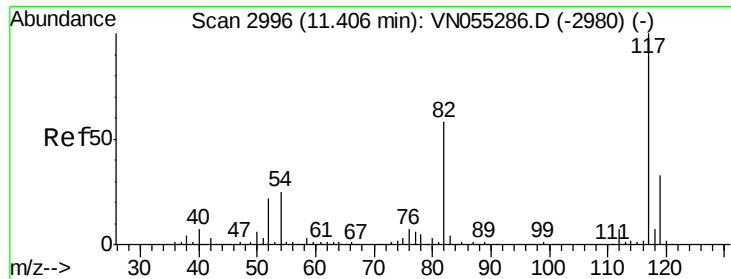
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN055357.D

Acq: 2 May 2019 18:25

Instrument :

MSVOA_N

ClientSampleId :

EP1-PZ-FD-01DL

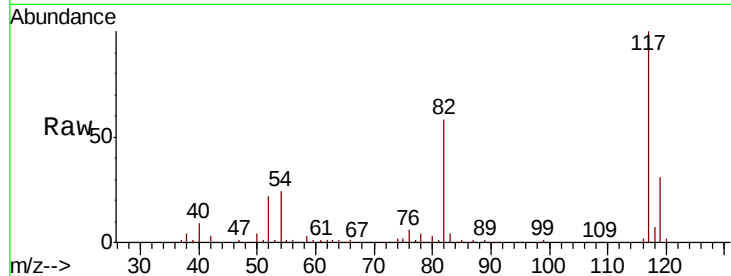
Tgt Ion:117 Resp: 567285

Ion Ratio Lower Upper

117 100

82 57.7 46.2 69.4

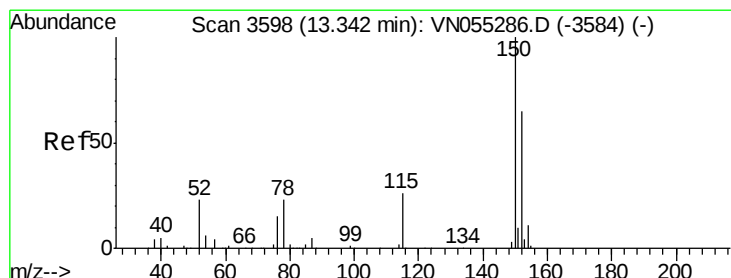
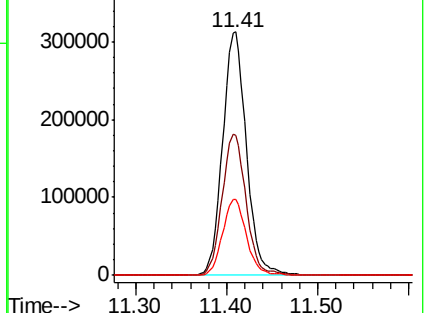
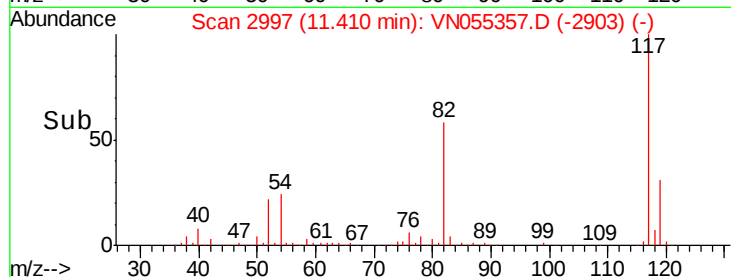
119 31.4 26.6 40.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055357.D

Acq: 2 May 2019 18:25

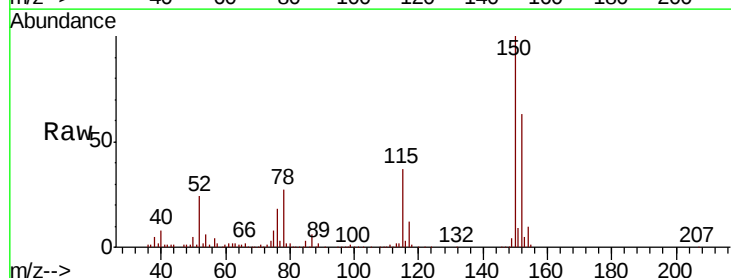
Tgt Ion:152 Resp: 173616

Ion Ratio Lower Upper

152 100

115 58.4 29.0 87.0

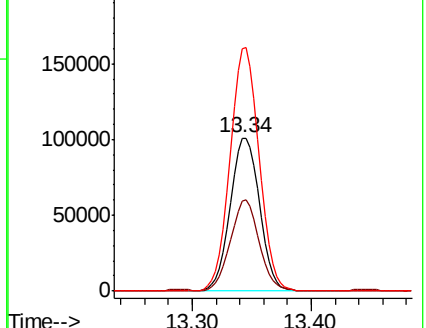
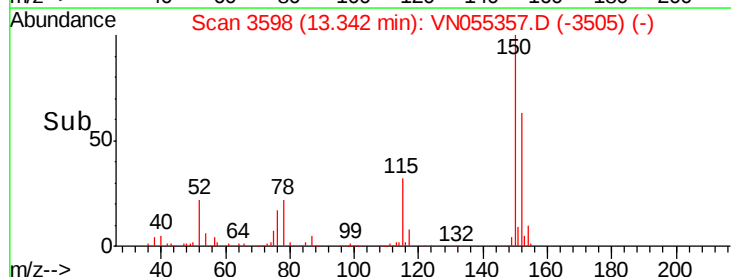
150 156.3 0.0 345.6

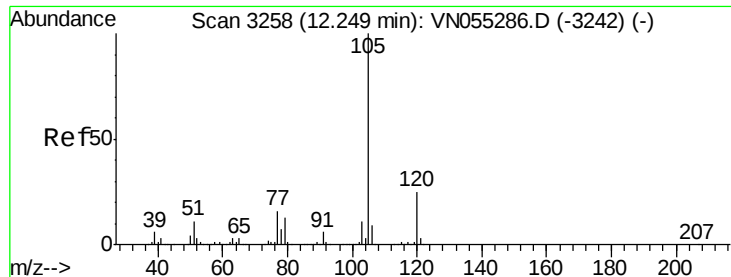


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.506 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055357.D

Acq: 2 May 2019 18:25

Instrument :

MSVOA_N

ClientSampleId :

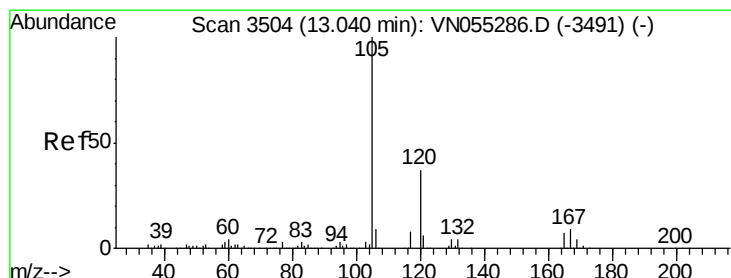
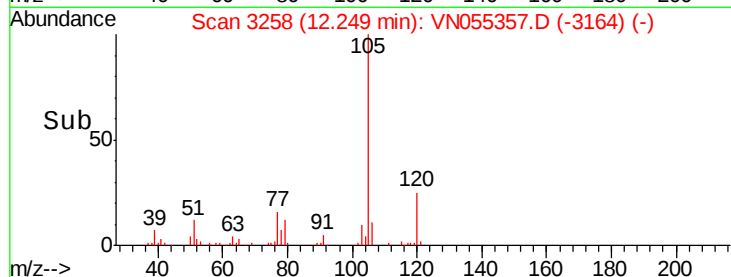
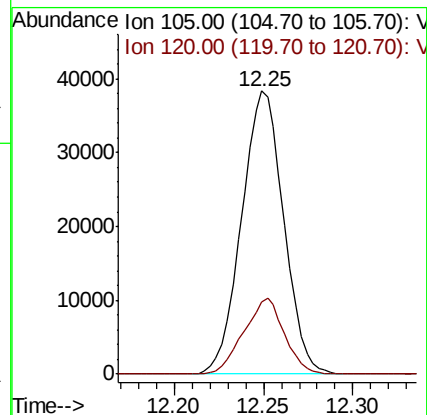
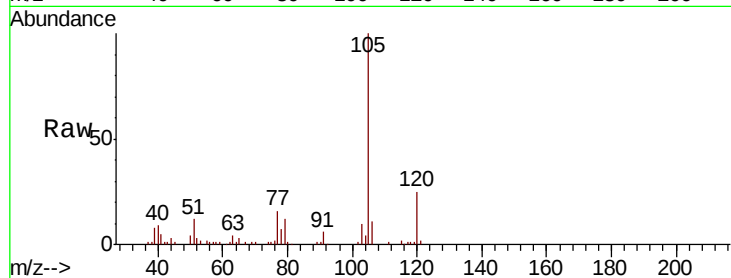
EP1-PZ-FD-01DL

Tgt Ion:105 Resp: 63174

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 24.897 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055357.D

Acq: 2 May 2019 18:25

Tgt Ion:105 Resp: 303074

Ion Ratio Lower Upper

105 100

120 44.1 22.1 66.5

