

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\
 Data File : VN051586.D
 Acq On : 27 Sep 2018 16:50
 Operator : MD\SY
 Sample : J5139-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 27 17:20:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

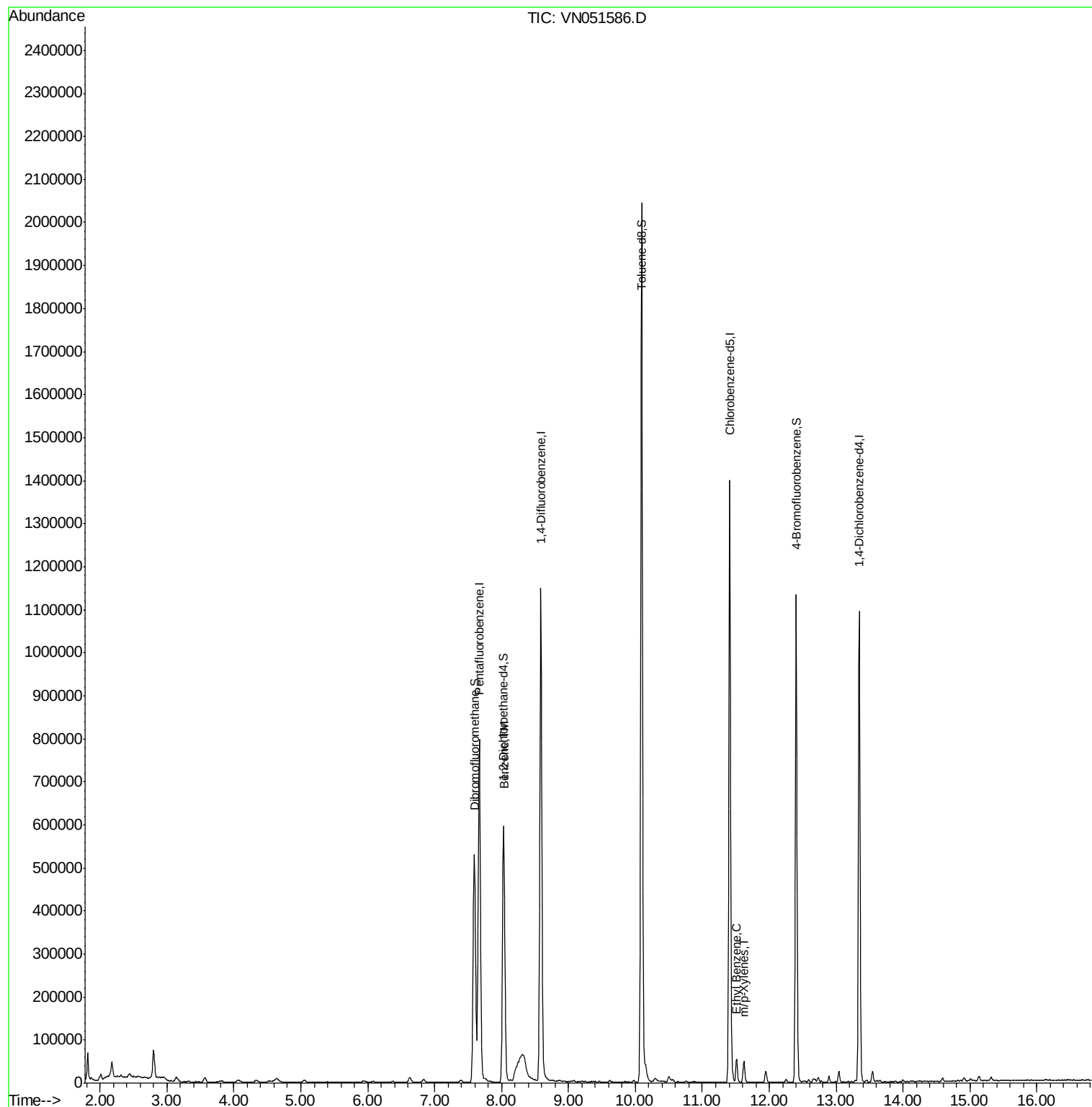
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	667784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1044858	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	852933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	307943	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	471742	56.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.78%	
35) Dibromofluoromethane	7.59	113	409660	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
50) Toluene-d8	10.09	98	1459740	46.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.80%	
62) 4-Bromofluorobenzene	12.40	95	391335	38.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.90%	
Target Compounds						
40) Benzene	8.04	78	69881	1.967	ug/l	97
67) Ethyl Benzene	11.51	91	37575	1.019	ug/l	93
68) m/p-Xylenes	11.62	106	15747	1.104	ug/l	97

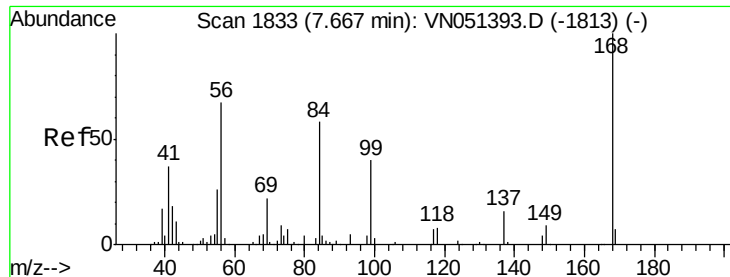
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092718\
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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: VN051586.D

Acq: 27 Sep 2018 16:50

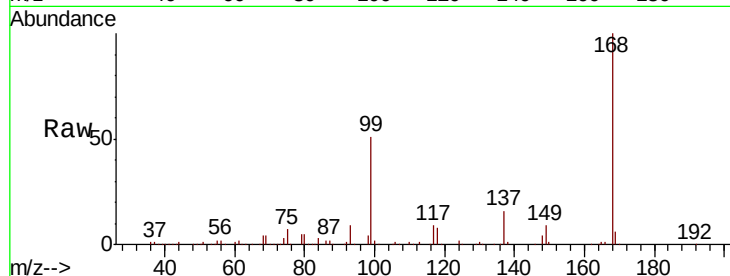
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 667784

Ion Ratio Lower Upper

168 100

99 50.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

300000

250000

200000

150000

100000

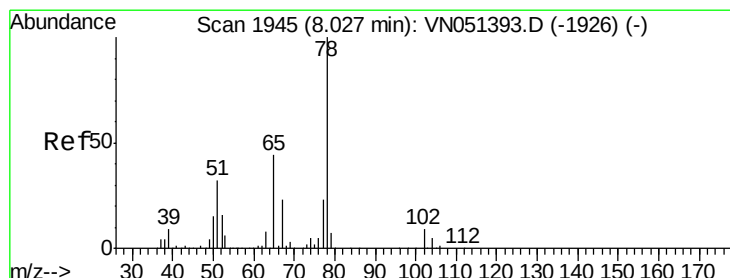
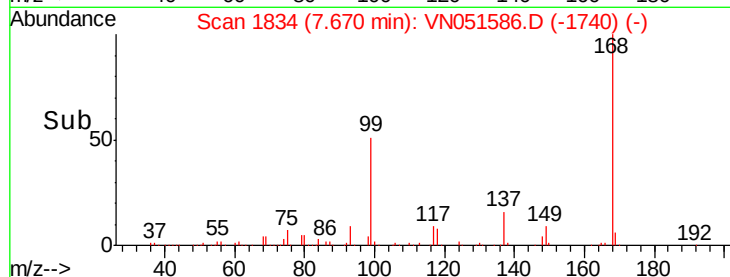
50000

0

7.60

7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.393 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051586.D

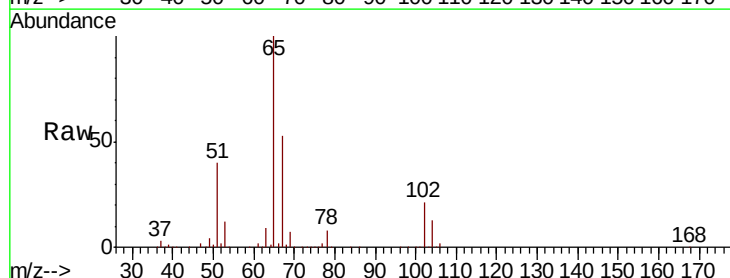
Acq: 27 Sep 2018 16:50

Tgt Ion: 65 Resp: 471742

Ion Ratio Lower Upper

65 100

67 54.0 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VN

8.03

200000

150000

100000

50000

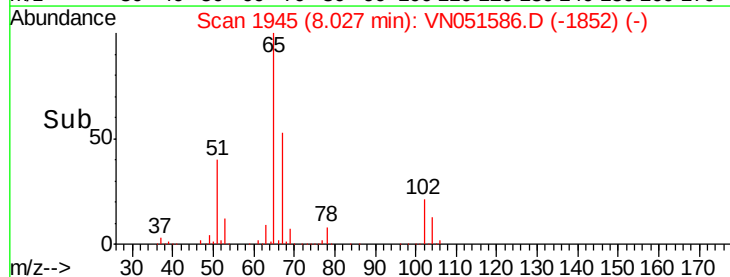
0

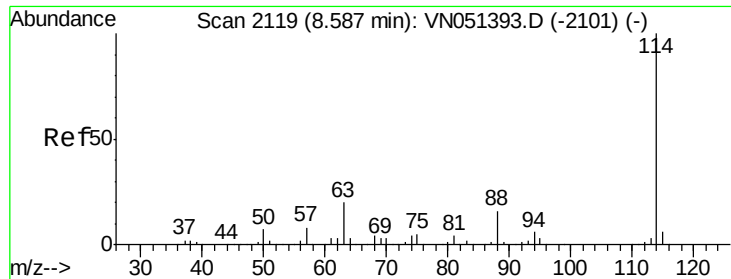
7.90

8.00

8.10

Time-->



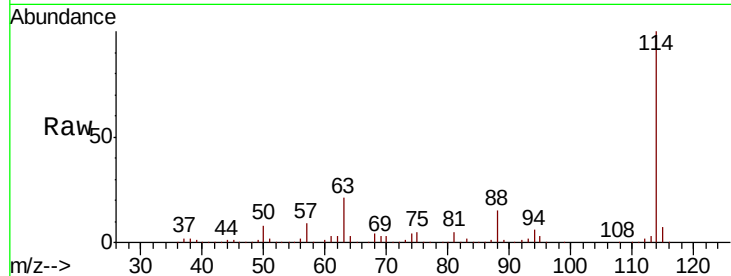


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051586.D
 Acq: 27 Sep 2018 16:50

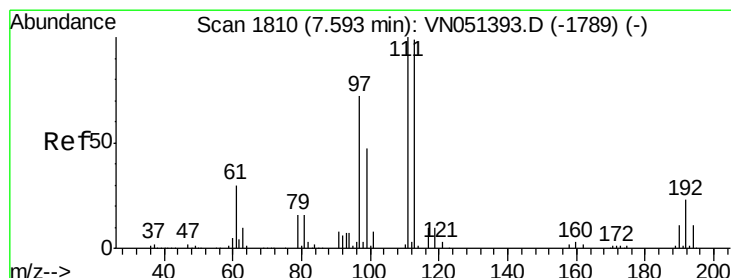
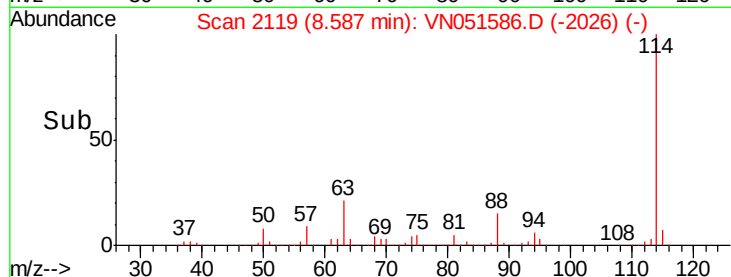
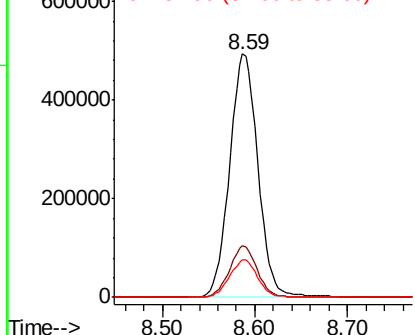
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 1044858

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	40.2
88	15.2	0.0	31.4



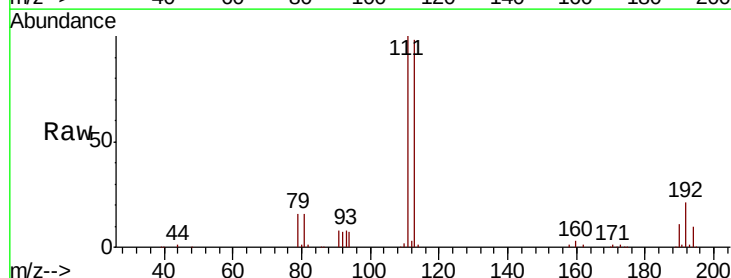
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



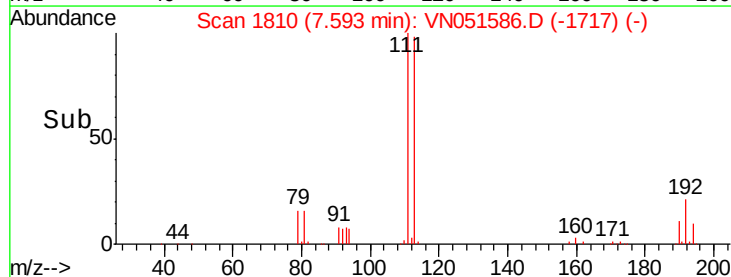
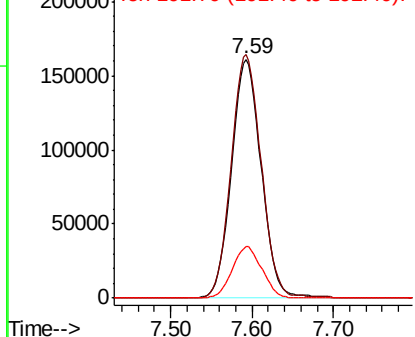
#35
 Dibromofluoromethane
 Concen: 49.030 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051586.D
 Acq: 27 Sep 2018 16:50

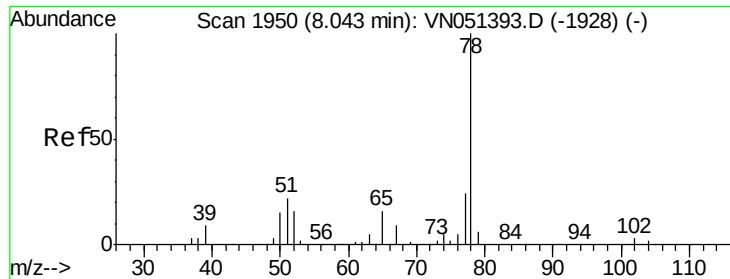
Tgt Ion:113 Resp: 409660

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	123.8
192	21.6	18.0	27.0



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





#40

Benzene

Concen: 1.967 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. -0.00 min

Lab File: VN051586.D

Acq: 27 Sep 2018 16:50

Instrument :

MSVOA_N

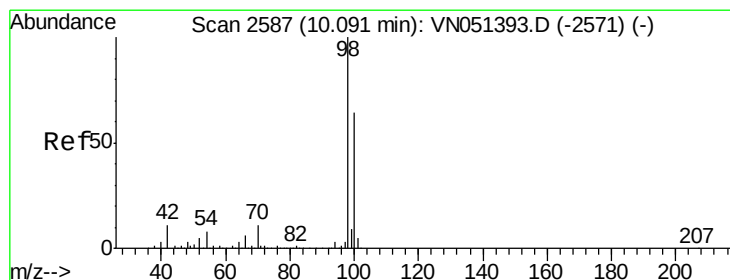
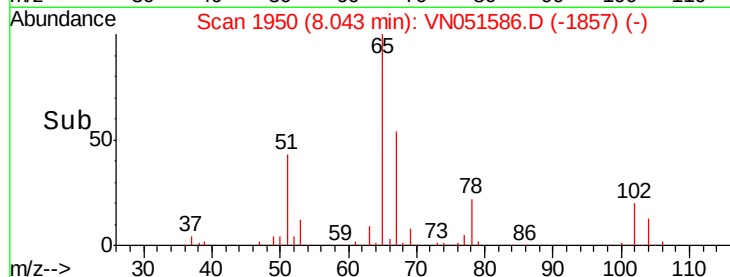
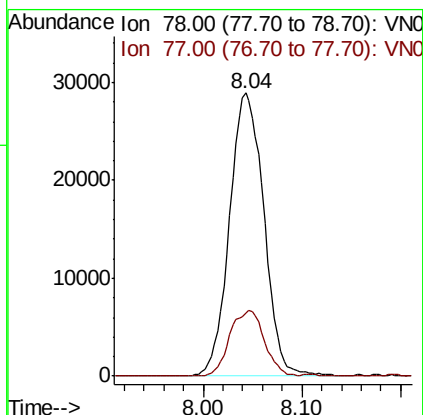
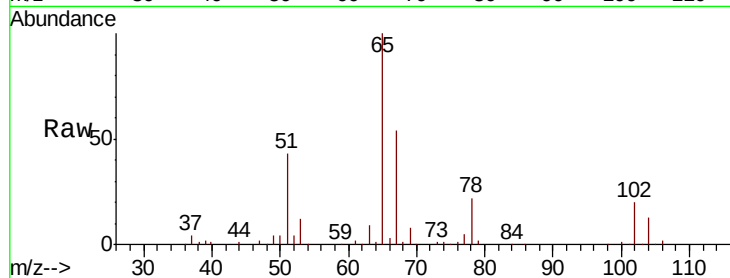
ClientSampleId :

Tot Ion: 78 Resp: 69881

Ion Ratio Lower Upper

78 100

77 22.5 19.2 28.8



#50

Toluene-d8

Concen: 46.396 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051586.D

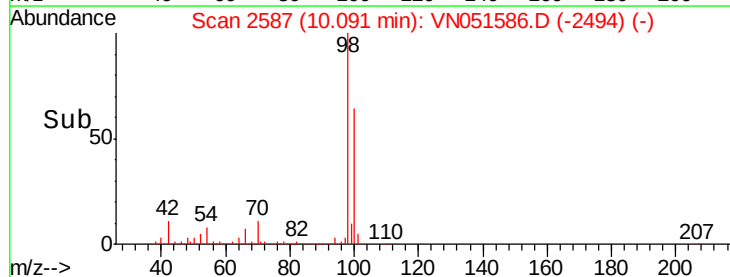
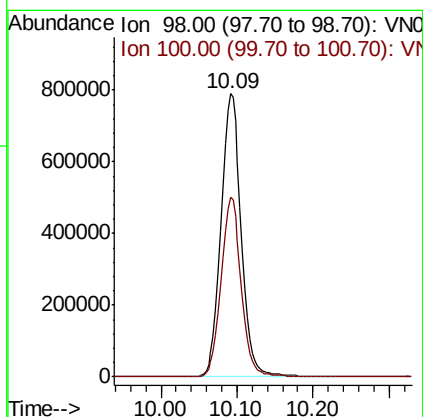
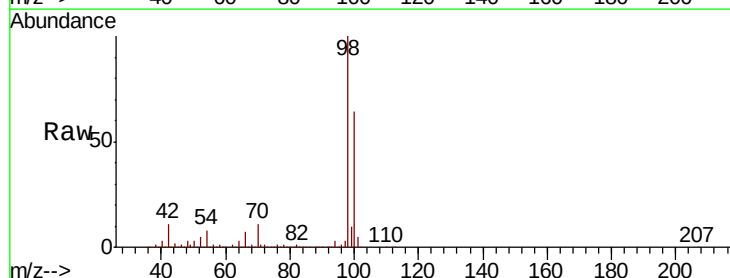
Acq: 27 Sep 2018 16:50

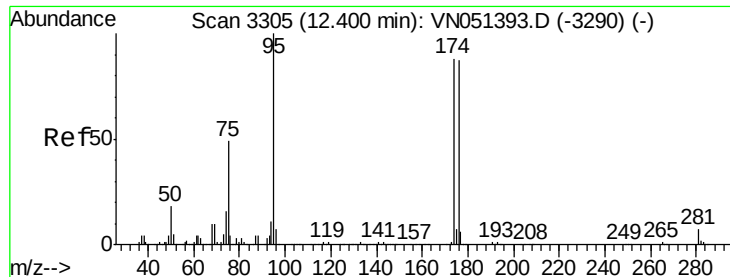
Tgt Ion: 98 Resp: 1459740

Ion Ratio Lower Upper

98 100

100 63.2 50.6 75.8





#62

4-Bromofluorobenzene

Concen: 38.448 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051586.D

Acq: 27 Sep 2018 16:50

Instrument :

MSVOA_N

ClientSampleId :

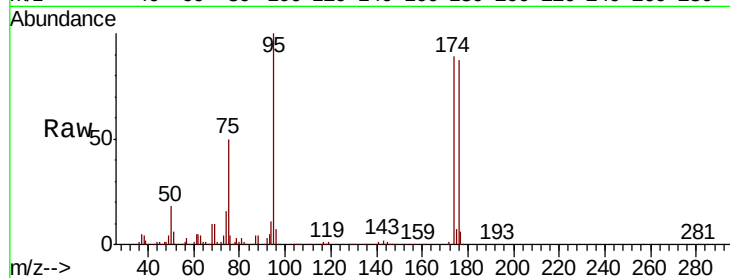
Tot Ion: 95 Resp: 391335

Ion Ratio Lower Upper

95 100

174 88.3 0.0 181.6

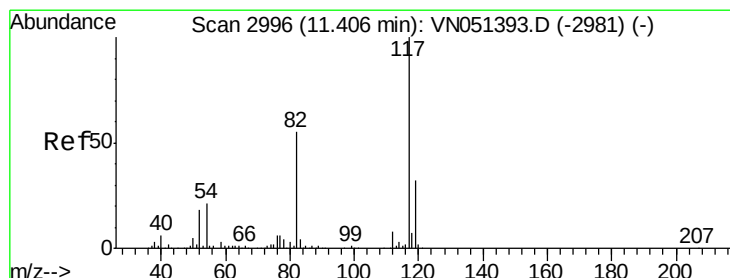
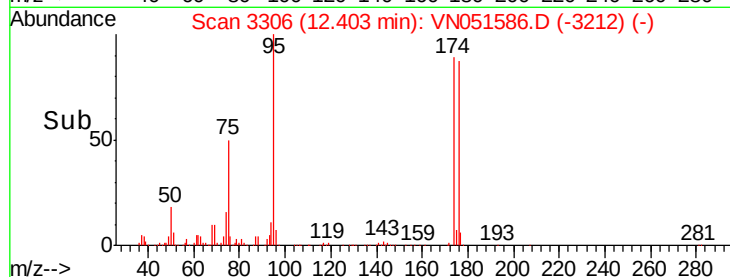
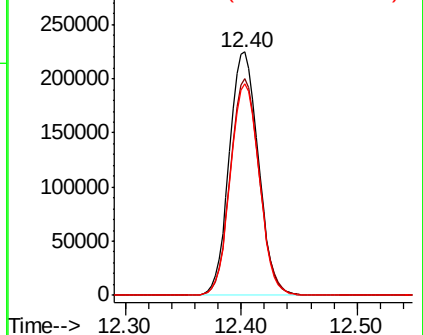
176 86.1 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VN051393.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051393.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051393.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051586.D

Acq: 27 Sep 2018 16:50

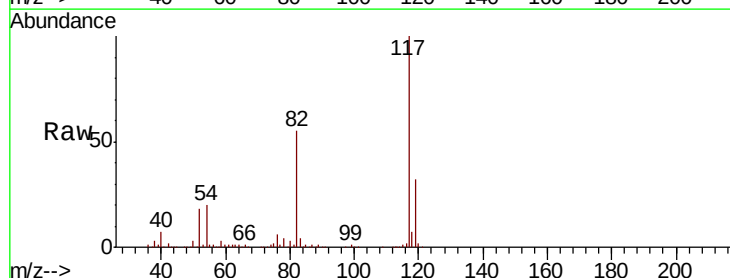
Tgt Ion: 117 Resp: 852933

Ion Ratio Lower Upper

117 100

82 54.7 44.2 66.2

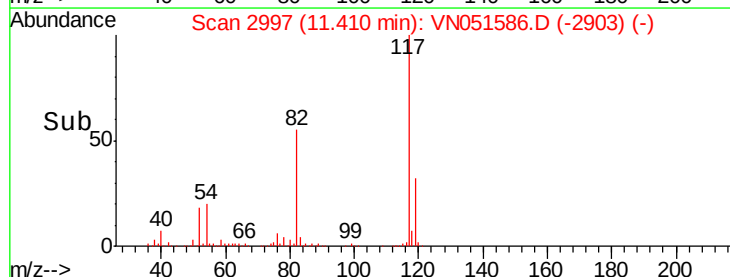
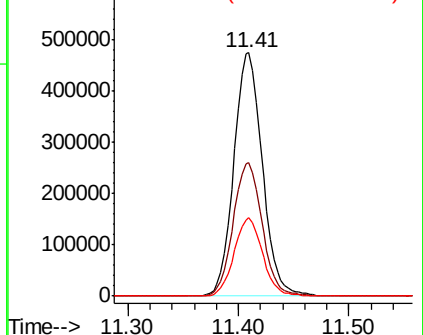
119 32.0 25.9 38.9

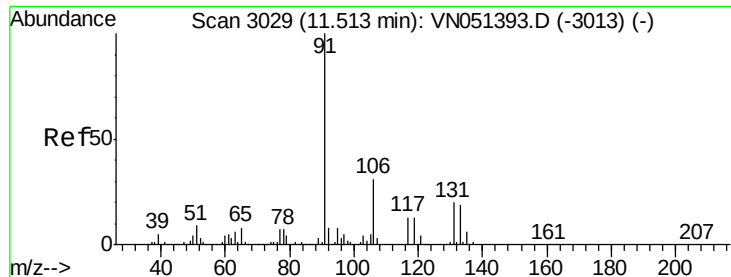


Abundance Ion 116.90 (116.60 to 117.60): VN051393.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN051393.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN051393.D (-2981) (-)

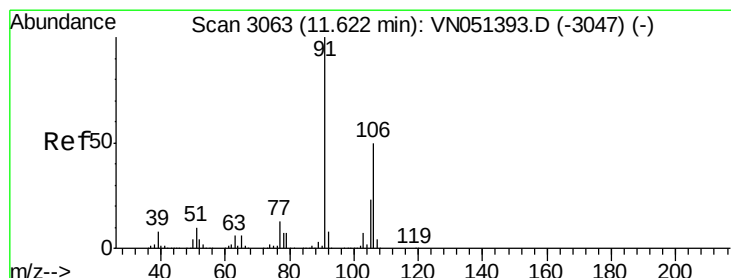
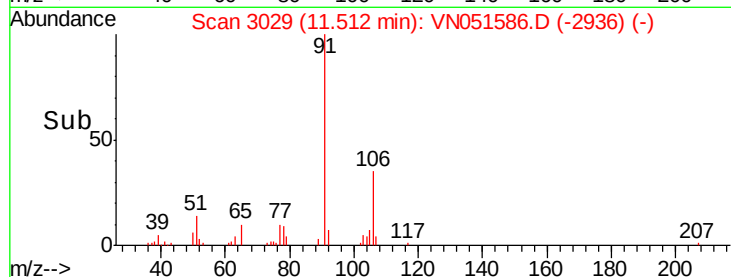
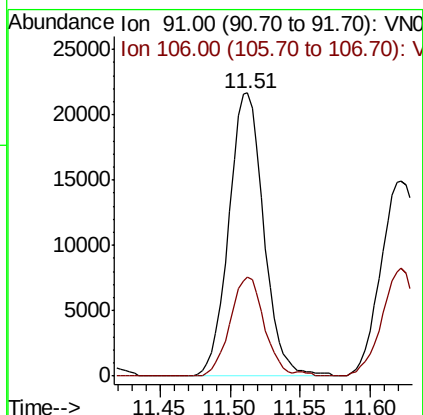
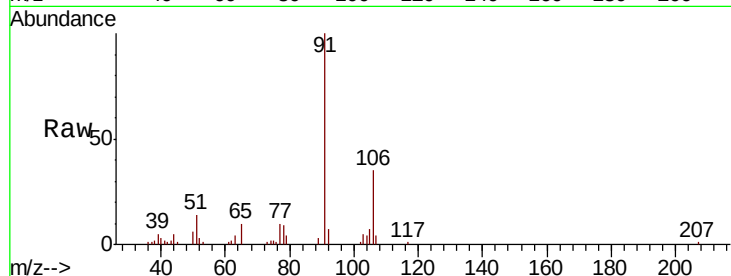




#67
Ethyl Benzene
Concen: 1.019 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN051586.D
Acq: 27 Sep 2018 16:50

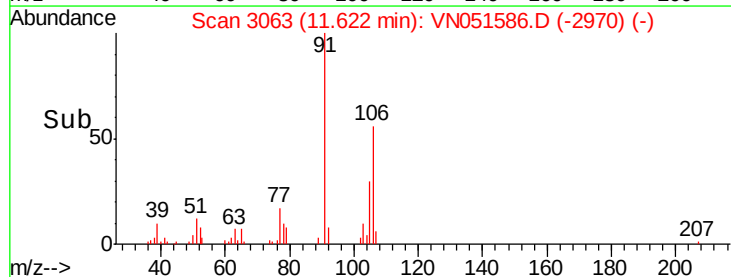
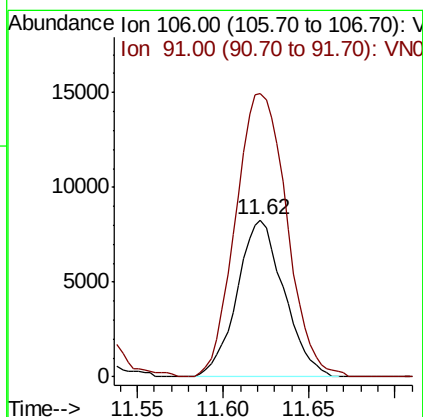
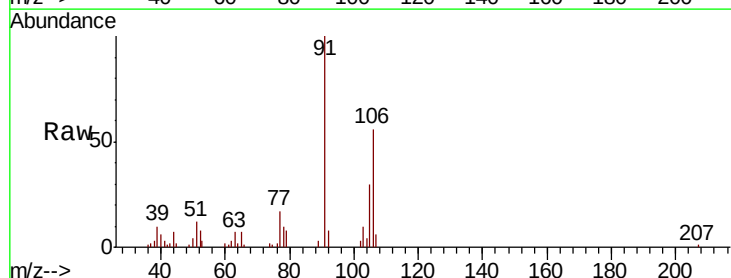
Instrument :
MSVOA_N
ClientSampled :

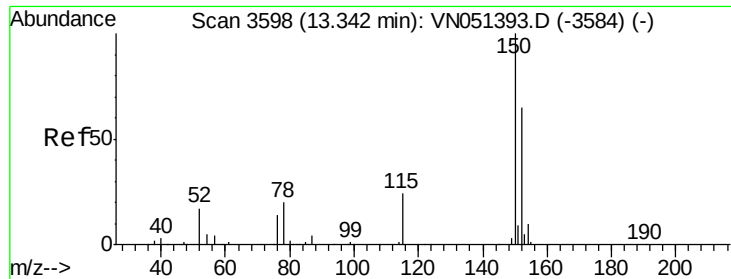
Tot Ion: 91 Resp: 37575
Ion Ratio Lower Upper
91 100
106 35.2 25.0 37.4



#68
m/p-Xylenes
Concen: 1.104 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN051586.D
Acq: 27 Sep 2018 16:50

Tgt Ion: 106 Resp: 15747
Ion Ratio Lower Upper
106 100
91 196.6 161.3 241.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051586.D

Acq: 27 Sep 2018 16:50

Instrument :

MSVOA_N

ClientSampleId :

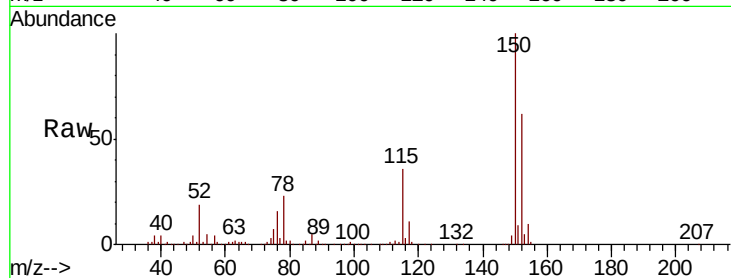
Tot Ion:152 Resp: 307943

Ion Ratio Lower Upper

152 100

115 57.1 28.3 84.9

150 157.0 0.0 353.6



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

