

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012220\
 Data File : VN059827.D
 Acq On : 22 Jan 2020 13:18
 Operator : JC/MD
 Sample : L1220-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL001-200121

Quant Time: Jan 22 18:07:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

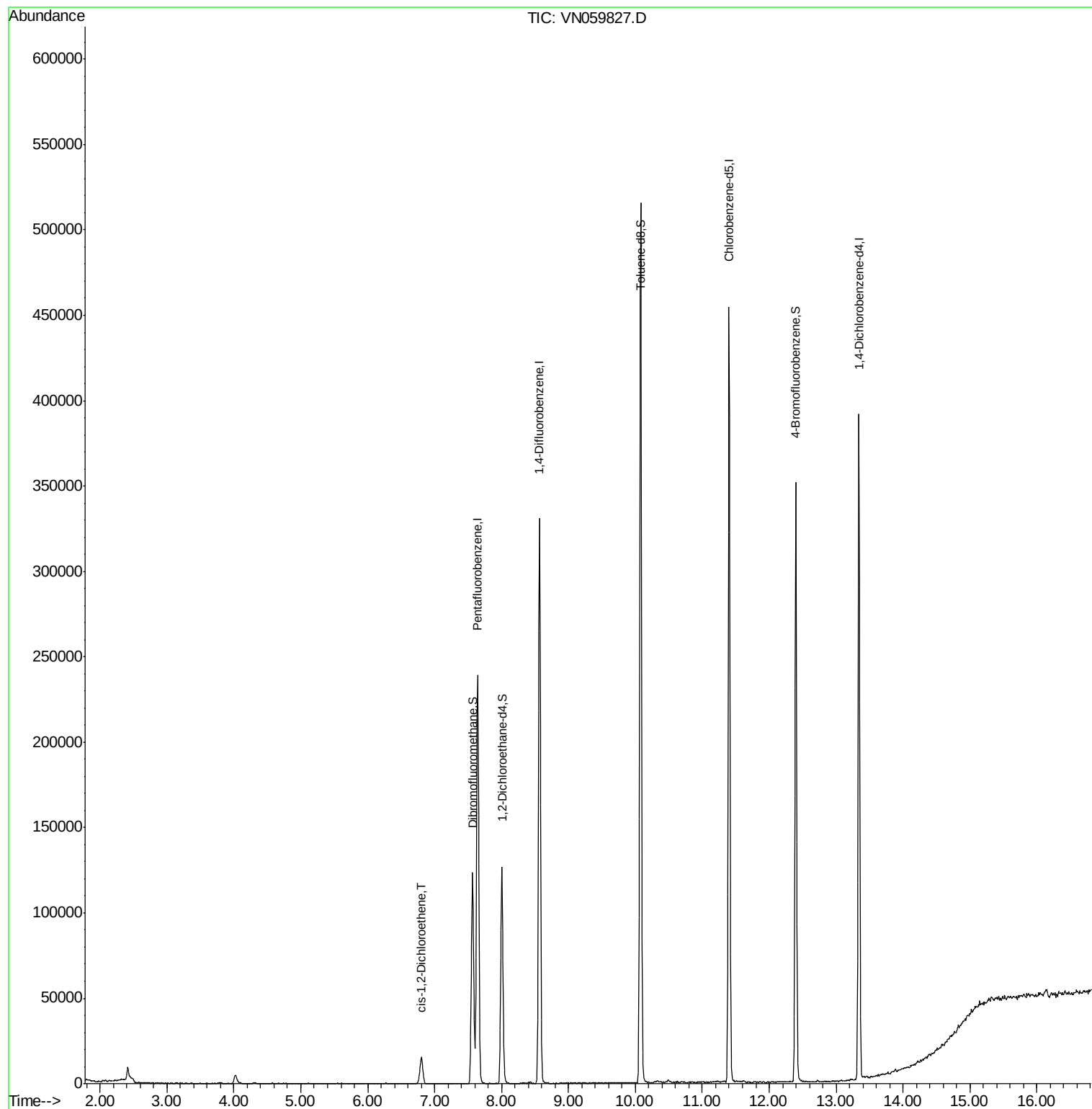
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	207381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	311426	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	270463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	109603	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	109155	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
35) Dibromofluoromethane	7.57	113	92878	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
50) Toluene-d8	10.08	98	363057	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
62) 4-Bromofluorobenzene	12.40	95	119262	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.96%	
Target Compounds						
27) cis-1,2-Dichloroethene	6.80	96	10862	4.683	ug/l	Qvalue 76

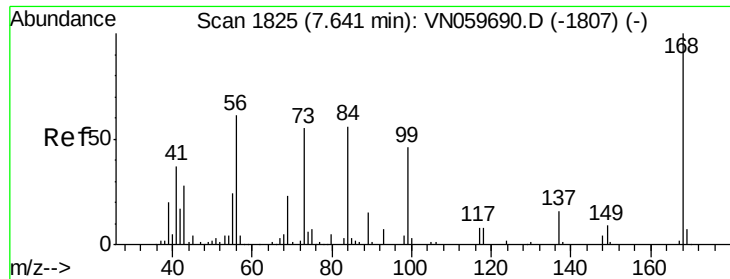
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059827.D

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ClientSampleId :

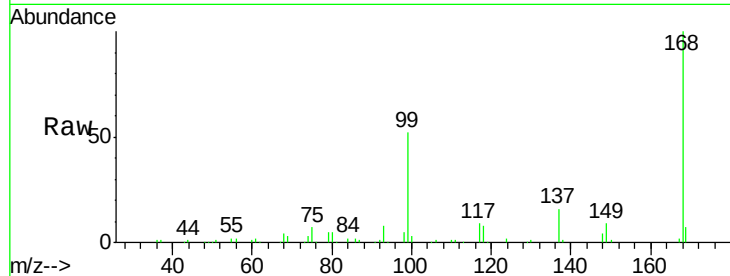
OUTFALL001-200121

Tot Ion:168 Resp: 207381

Ion Ratio Lower Upper

168 100

99 52.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

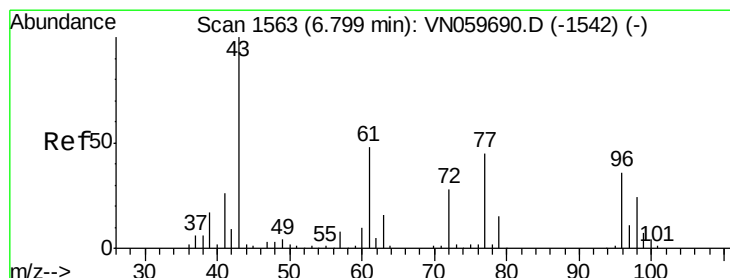
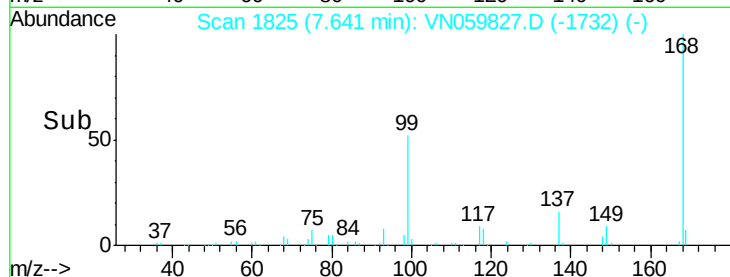
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#27

cis-1,2-Dichloroethene

Concen: 4.683 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN059827.D

Acq: 22 Jan 2020 13:18

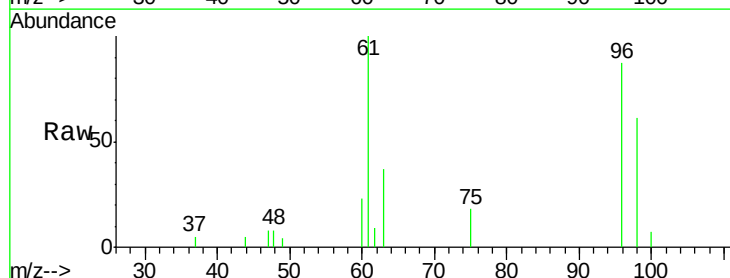
Tgt Ion: 96 Resp: 10862

Ion Ratio Lower Upper

96 100

61 115.1 0.0 317.6

98 63.0 0.0 127.0



Abundance Ion 95.90 (95.60 to 96.60): VN

Ion 60.90 (60.60 to 61.60): VN

Ion 97.90 (97.60 to 98.60): VN

6.80

5000

4000

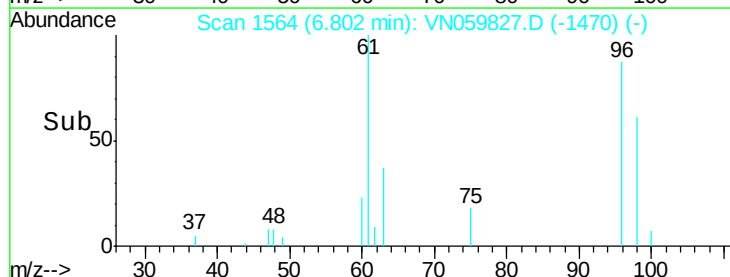
3000

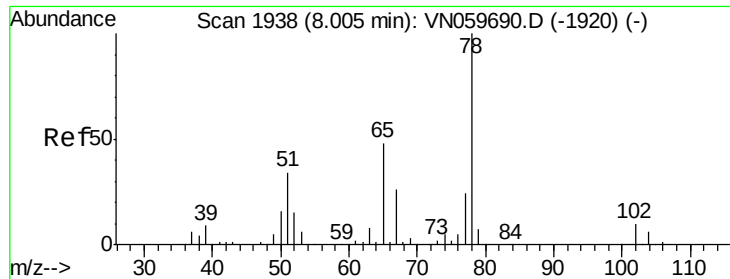
2000

1000

0

Time--> 6.70 6.75 6.80 6.85 6.90

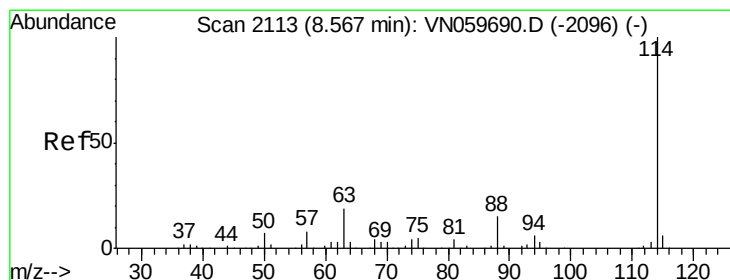
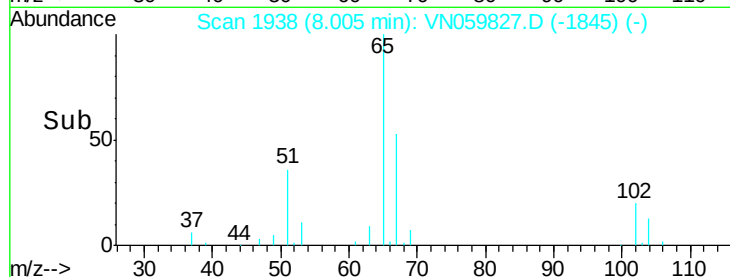
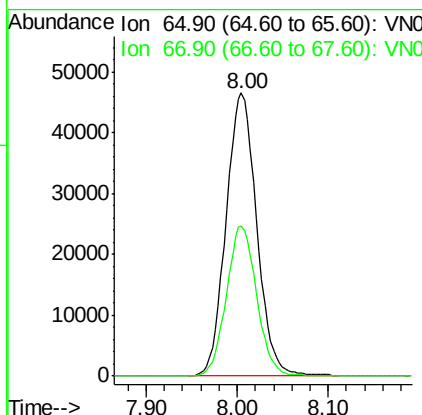
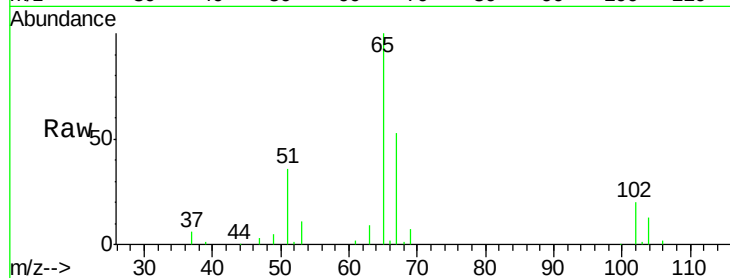




#33
 1,2-Dichloroethane-d4
 Concen: 47.396 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059827.D
 Acq: 22 Jan 2020 13:18

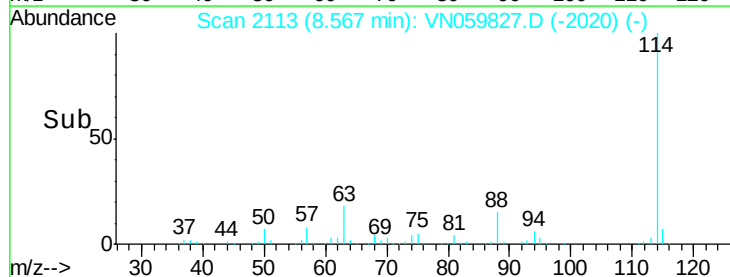
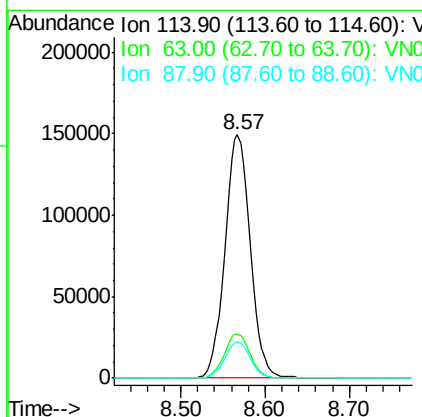
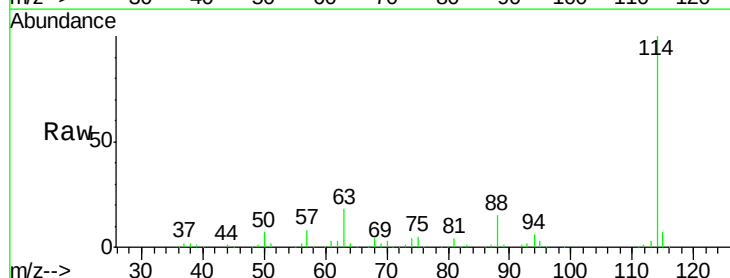
Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL001-200121

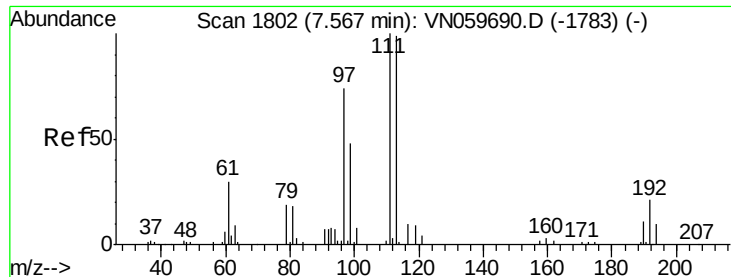
Tot Ion: 65 Resp: 109155
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059827.D
 Acq: 22 Jan 2020 13:18

Tgt Ion: 114 Resp: 311426
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 43.6
 88 14.8 0.0 31.4

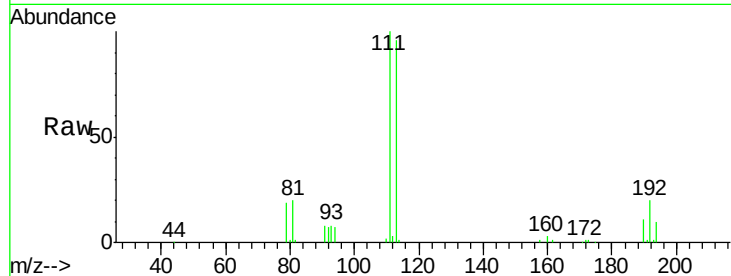




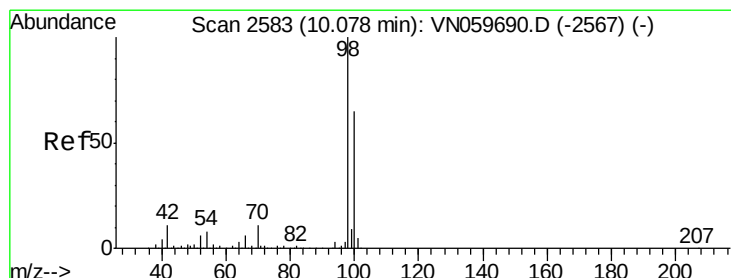
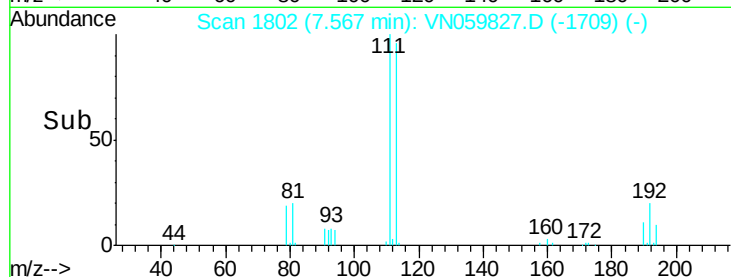
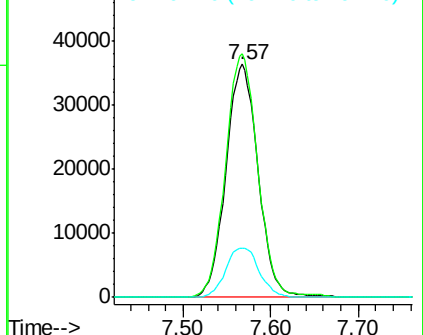
#35
 Dibromofluoromethane
 Concen: 50.010 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059827.D
 Acq: 22 Jan 2020 13:18

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL001-200121

Tot Ion:113 Resp: 92878
 Ion Ratio Lower Upper
 113 100
 111 104.9 83.5 125.3
 192 21.9 15.4 23.2

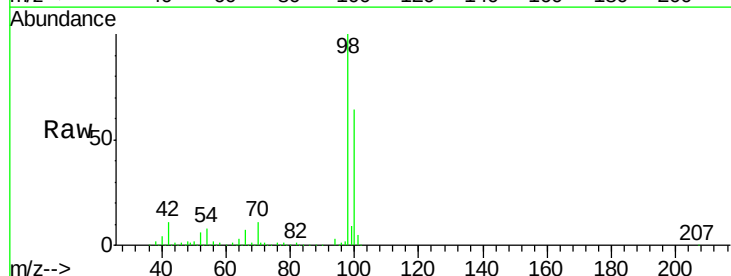


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

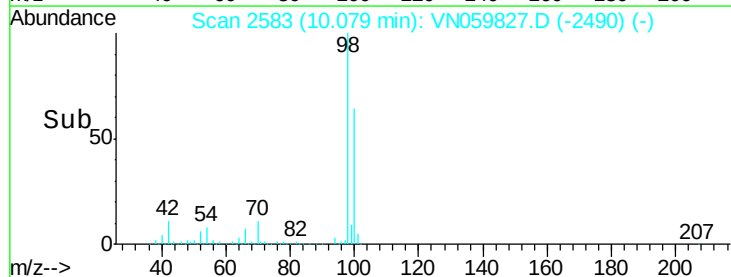
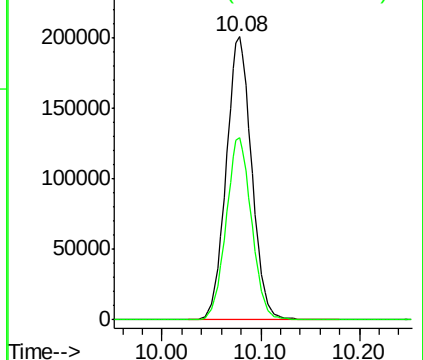


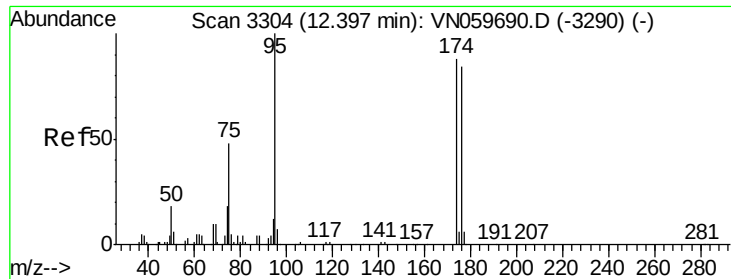
#50
 Toluene-d8
 Concen: 50.455 ug/l
 RT: 10.08 min Scan# 2583
 Delta R.T. 0.00 min
 Lab File: VN059827.D
 Acq: 22 Jan 2020 13:18

Tgt Ion: 98 Resp: 363057
 Ion Ratio Lower Upper
 98 100
 100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN
 Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 45.976 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059827.D

Acq: 22 Jan 2020 13:18

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL001-200121

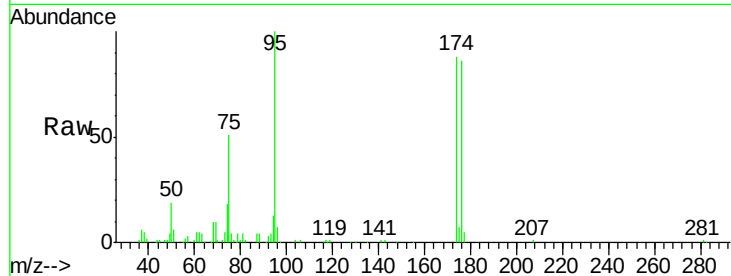
Tot Ion: 95 Resp: 119262

Ion Ratio Lower Upper

95 100

174 88.3 0.0 151.4

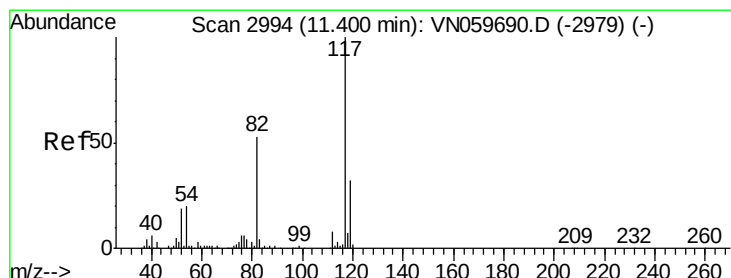
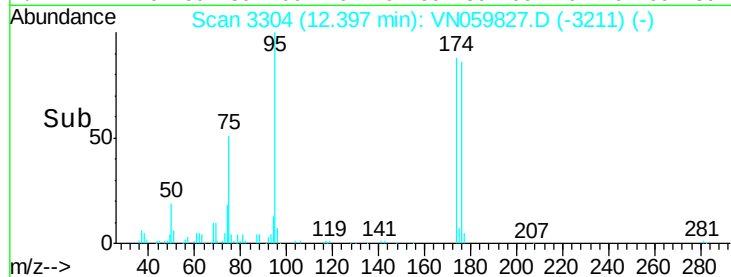
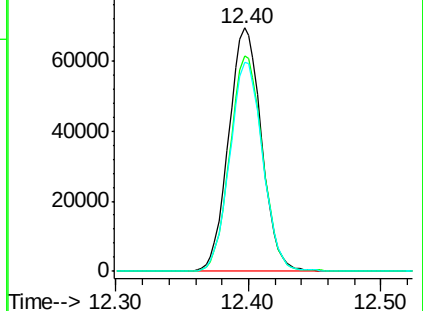
176 86.2 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059827.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN059827.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN059827.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059827.D

Acq: 22 Jan 2020 13:18

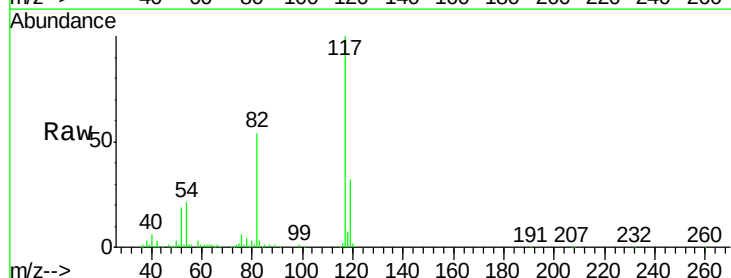
Tgt Ion: 117 Resp: 270463

Ion Ratio Lower Upper

117 100

82 53.6 45.9 68.9

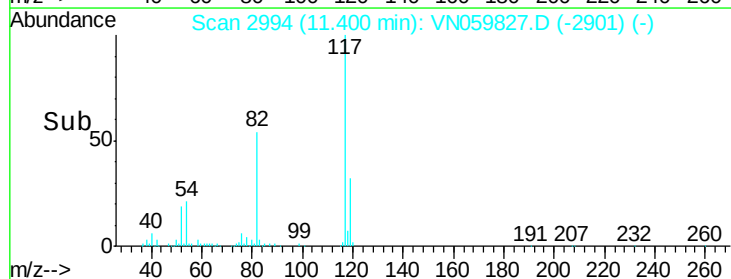
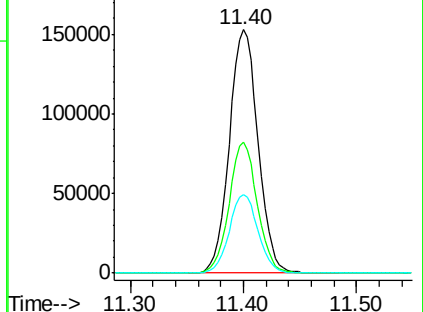
119 32.5 25.5 38.3

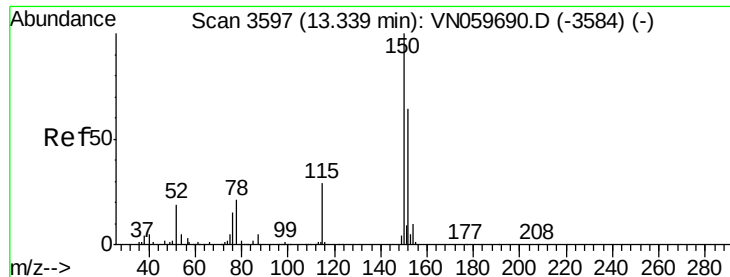


Abundance Ion 116.90 (116.60 to 117.60): VN059827.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN059827.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN059827.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059827.D

Acq: 22 Jan 2020 13:18

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL001-200121

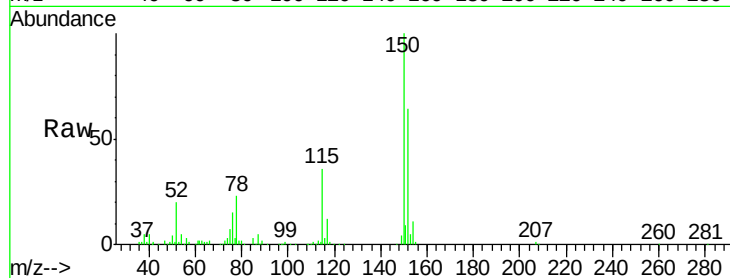
Tot Ion:152 Resp: 109603

Ion Ratio Lower Upper

152 100

115 56.5 30.3 90.9

150 155.7 0.0 345.2



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

