

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050119\
 Data File : VN055330.D
 Acq On : 1 May 2019 15:34
 Operator : JC/SP
 Sample : K2629-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 020-OUTFALL

Quant Time: May 02 08:52:42 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

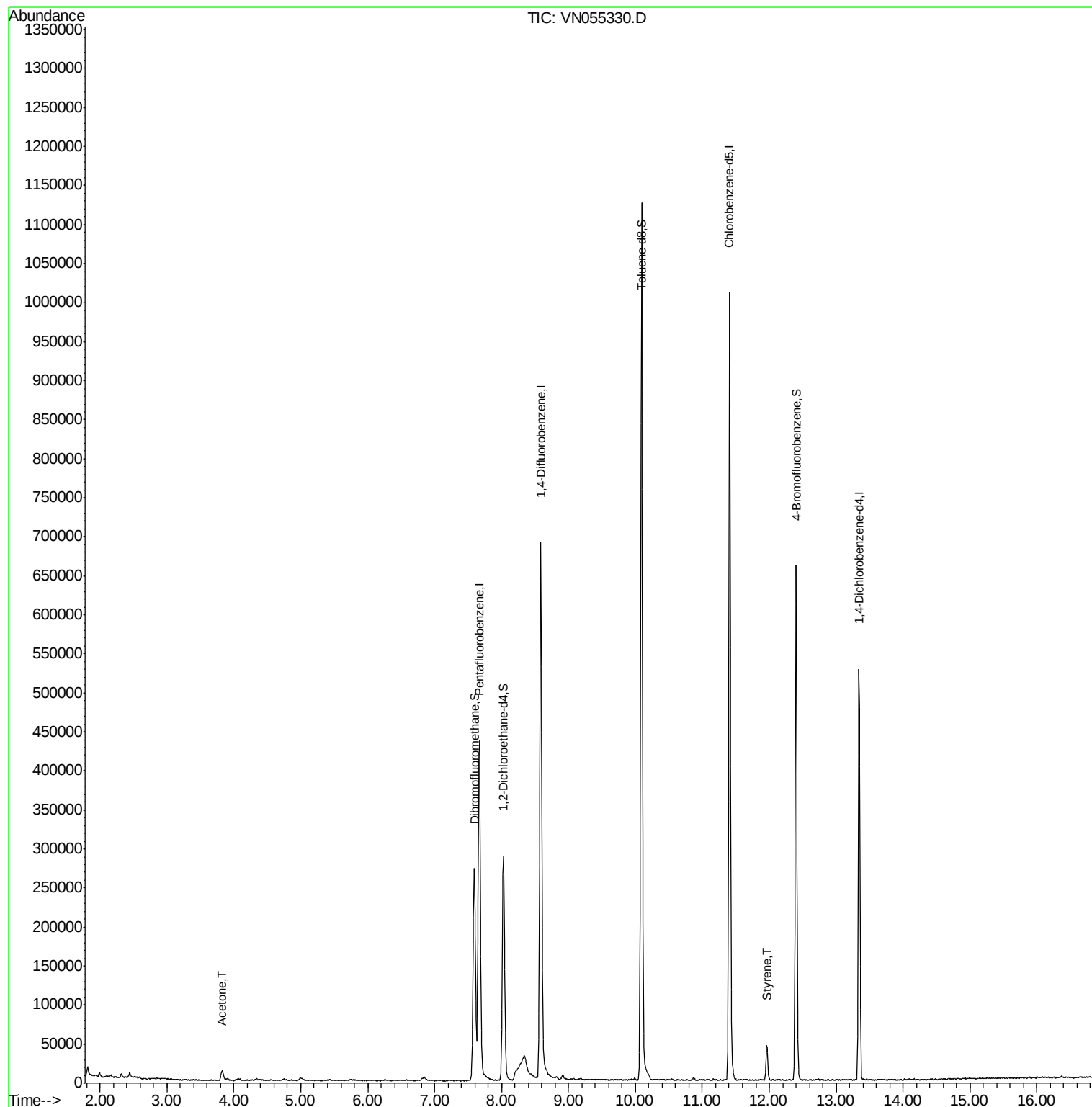
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	365207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	628394	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	574331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	141862	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	252586	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.74%	
35) Dibromofluoromethane	7.59	113	207110	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
50) Toluene-d8	10.09	98	778447	52.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.54%	
62) 4-Bromofluorobenzene	12.40	95	227703	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
Target Compounds						
16) Acetone	3.82	43	20779	13.958	ug/l	96
70) Styrene	11.96	104	22842	2.074	ug/l	91

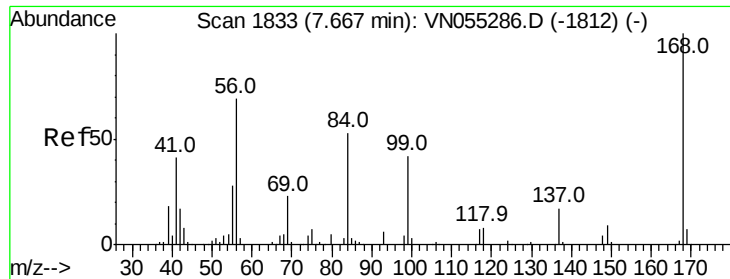
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055330.D

Acq: 1 May 2019 15:34

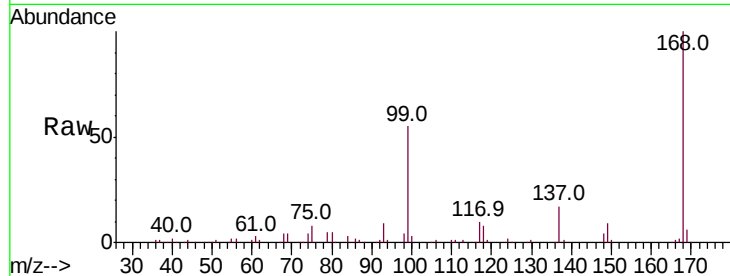
Instrument :
MSVOA_N
ClientSampleId :
020-OUTFALL

Tot Ion:168 Resp: 365207

Ion Ratio Lower Upper

168 100

99 54.6 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

150000

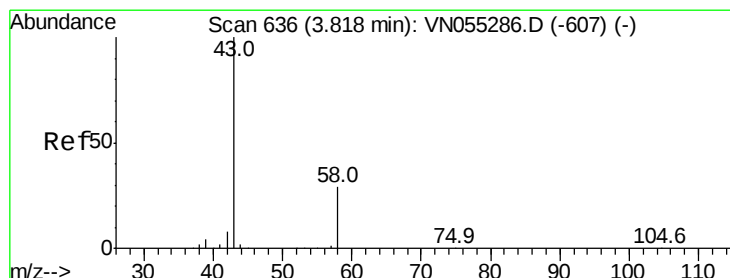
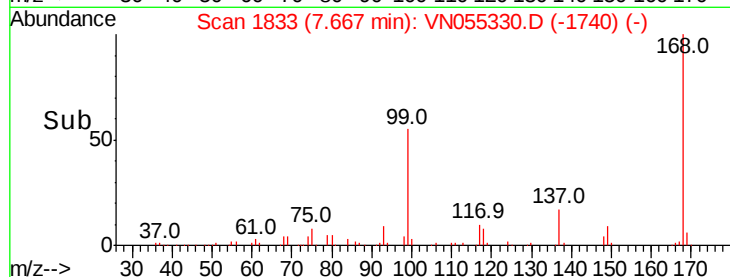
100000

50000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 13.958 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055330.D

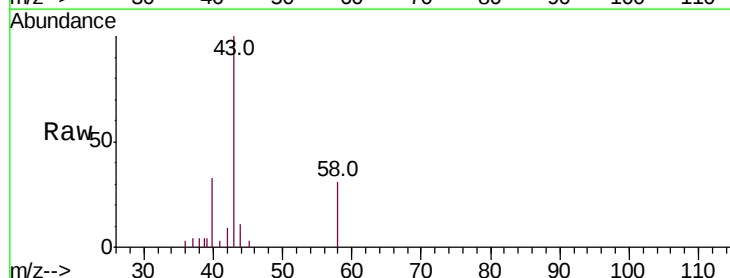
Acq: 1 May 2019 15:34

Tgt Ion: 43 Resp: 20779

Ion Ratio Lower Upper

43 100

58 31.6 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

8000

6000

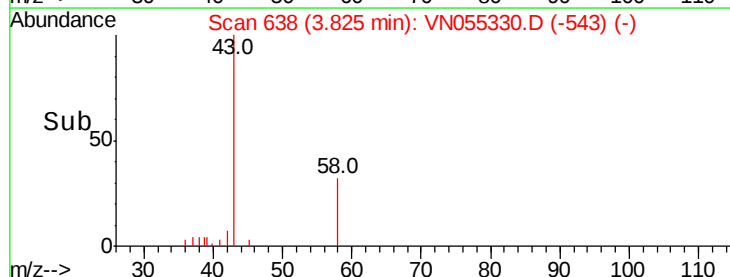
4000

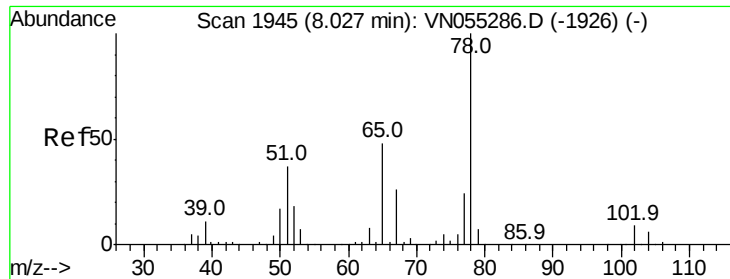
2000

0

Time-->

3.75 3.80 3.85 3.90





#33

1,2-Dichloroethane-d4

Concen: 52.867 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055330.D

Acq: 1 May 2019 15:34

Instrument :

MSVOA_N

ClientSampleId :

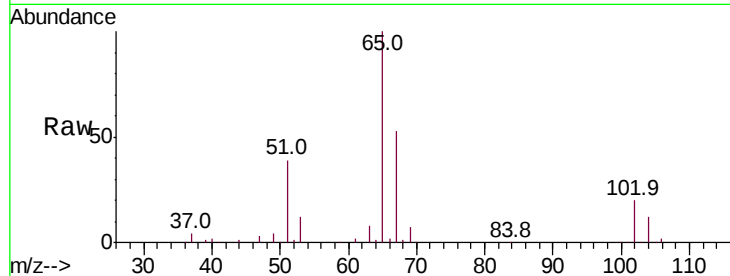
020-OUTFALL

Tot Ion: 65 Resp: 252586

Ion Ratio Lower Upper

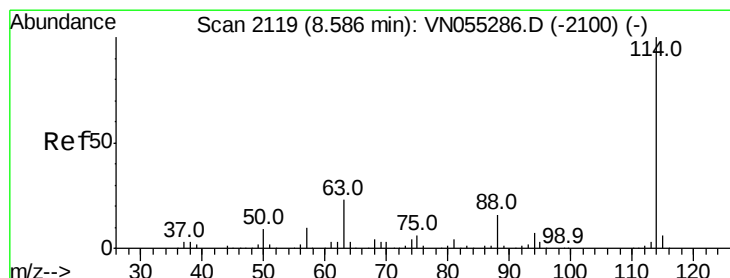
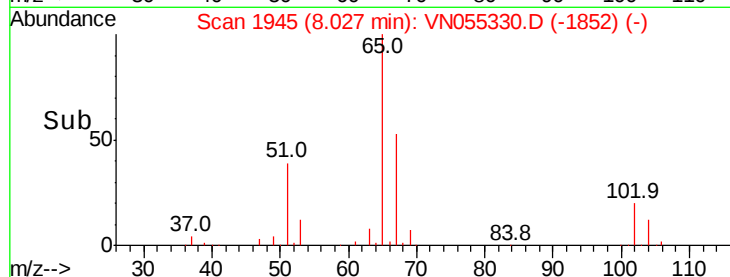
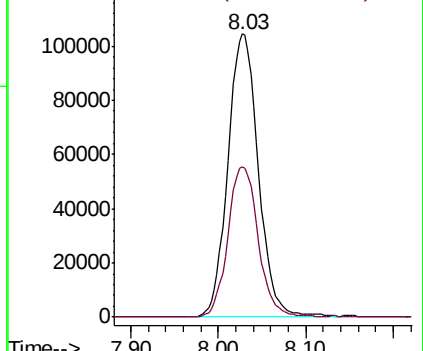
65 100

67 52.9 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN055330.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN055330.D (-1926) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055330.D

Acq: 1 May 2019 15:34

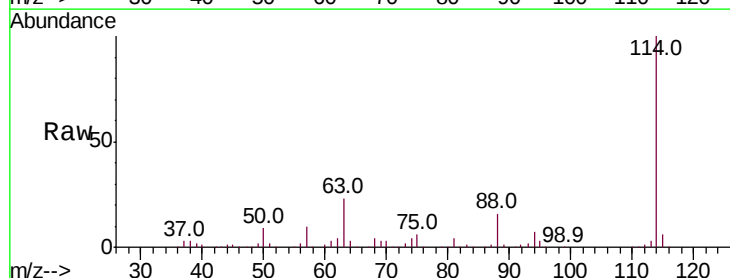
Tgt Ion:114 Resp: 628394

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.2

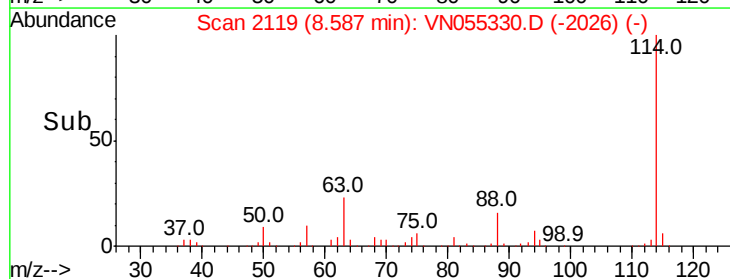
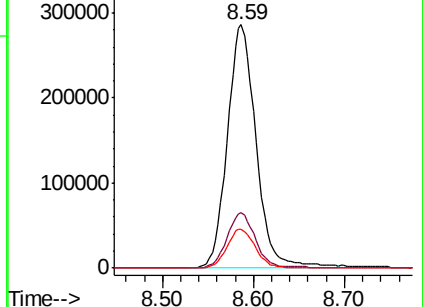
88 15.9 0.0 31.6

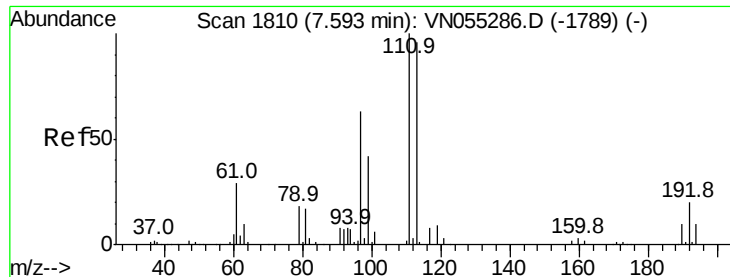


Abundance Ion 113.90 (113.60 to 114.60): VN055330.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN055330.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN055330.D (-2100) (-)

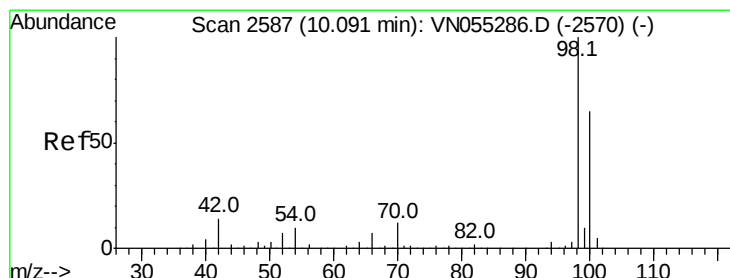
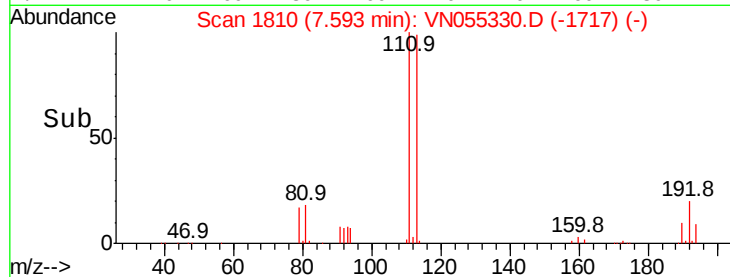
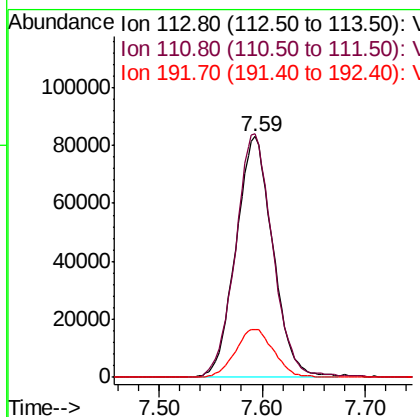
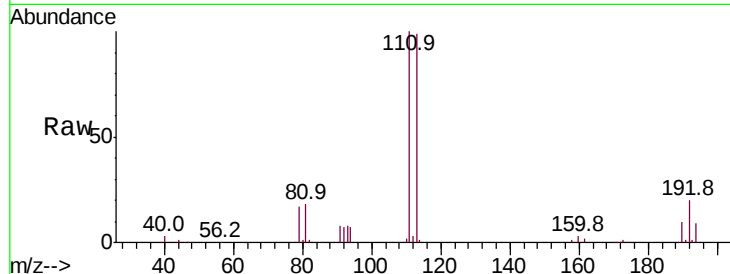




#35
 Dibromofluoromethane
 Concen: 50.214 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055330.D
 Acq: 1 May 2019 15:34

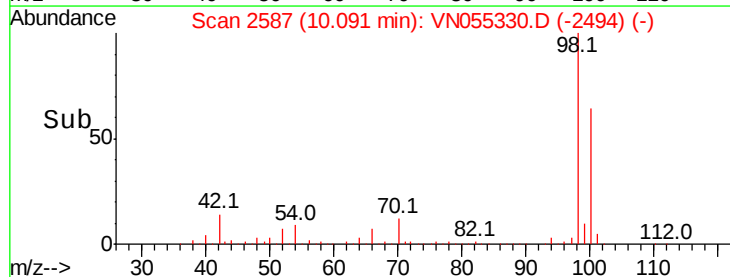
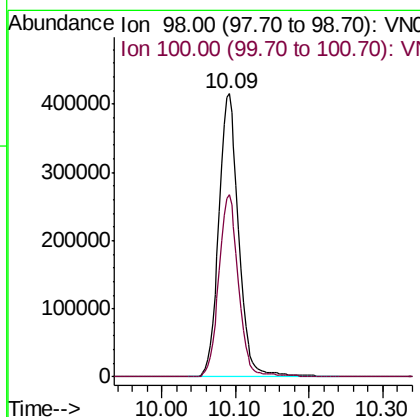
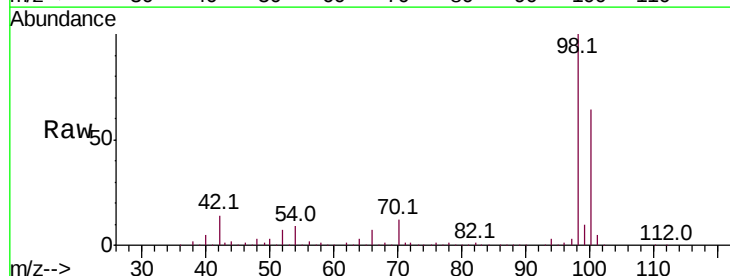
Instrument :
 MSVOA_N
 ClientSampleId :
 020-OUTFALL

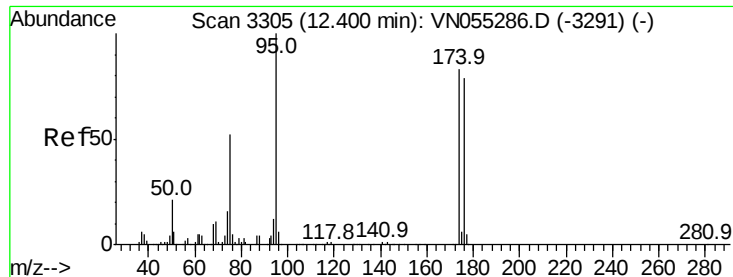
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.3	123.5
192	20.6	17.0	25.6



#50
 Toluene-d8
 Concen: 52.268 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN055330.D
 Acq: 1 May 2019 15:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.7	77.5





#62

4-Bromofluorobenzene

Concen: 48.919 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055330.D

Acq: 1 May 2019 15:34

Instrument :

MSVOA_N

ClientSampleId :

020-OUTFALL

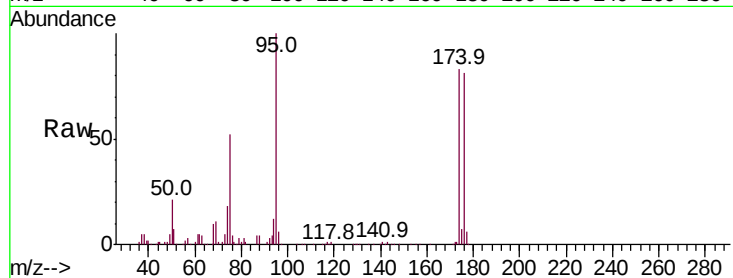
Tot Ion: 95 Resp: 227703

Ion Ratio Lower Upper

95 100

174 83.9 0.0 166.6

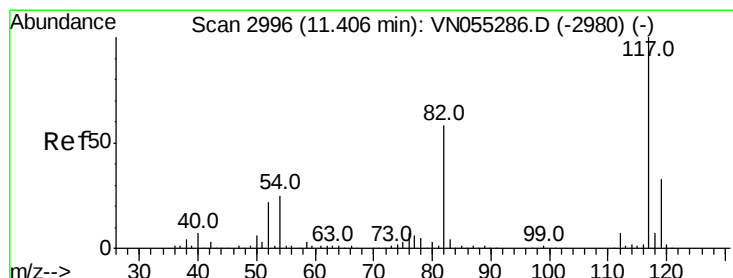
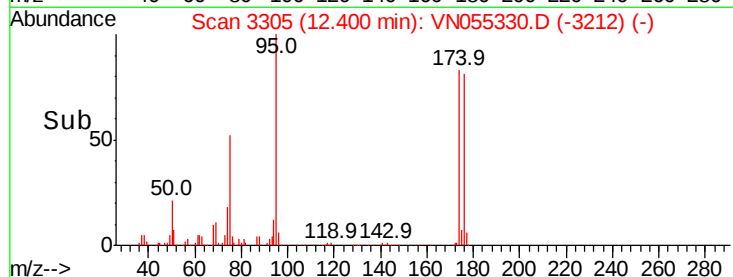
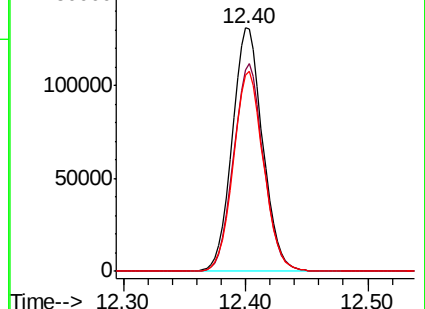
176 81.3 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN055330.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN055330.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN055330.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055330.D

Acq: 1 May 2019 15:34

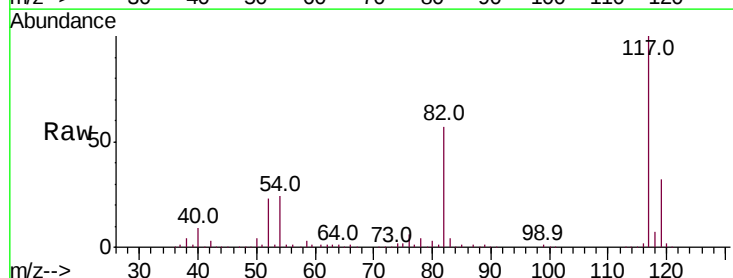
Tgt Ion: 117 Resp: 574331

Ion Ratio Lower Upper

117 100

82 57.2 46.2 69.4

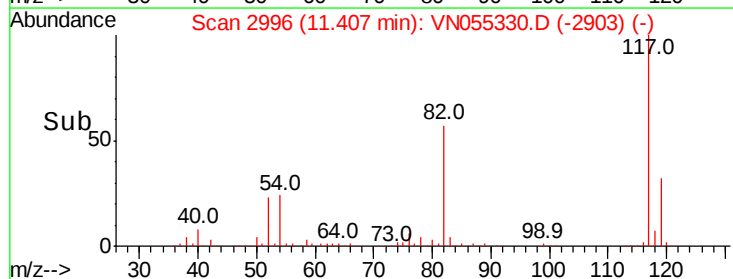
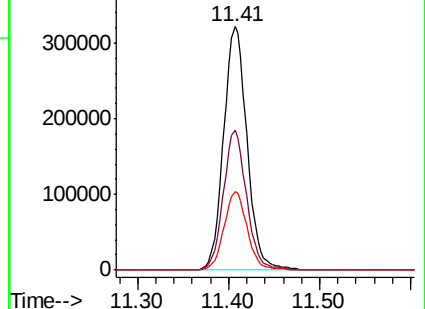
119 32.4 26.6 40.0

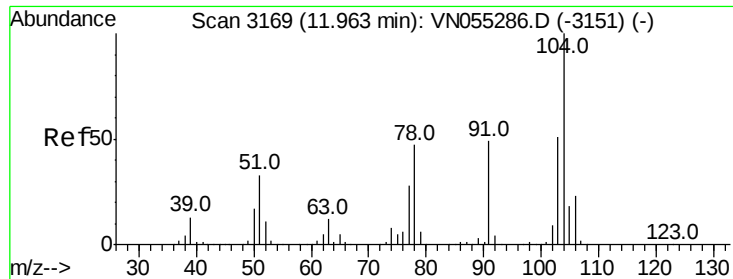


Abundance Ion 116.90 (116.60 to 117.60): VN055330.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055330.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055330.D (-2903) (-)

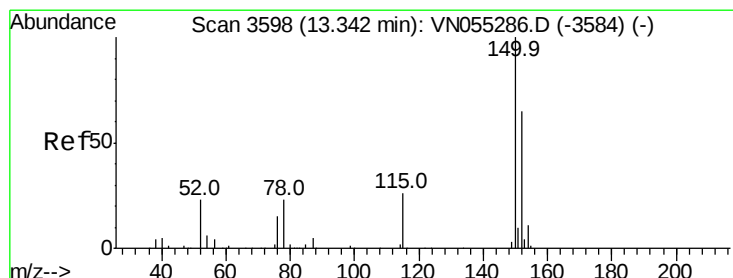
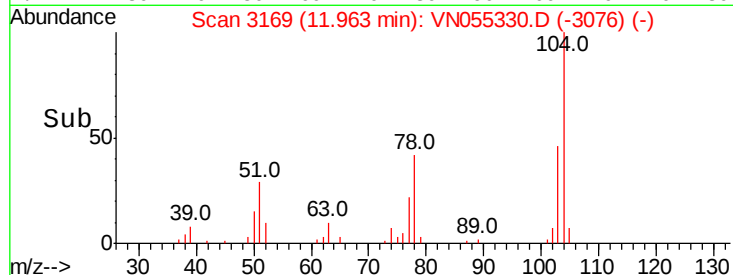
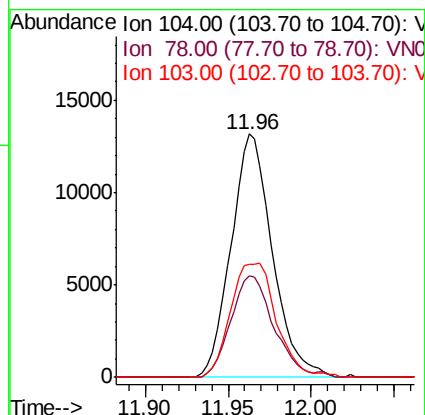
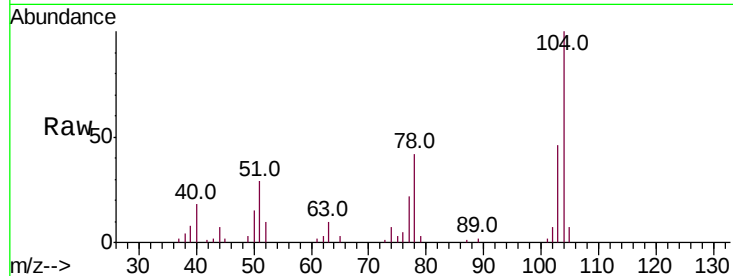




#70
Stvrene
Concen: 2.074 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055330.D
Acq: 1 May 2019 15:34

Instrument :
MSVOA_N
ClientSampleId :
020-OUTFALL

Tot Ion:104 Resp: 22842
Ion Ratio Lower Upper
104 100
78 42.9 42.2 63.2
103 51.8 44.6 67.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN055330.D
Acq: 1 May 2019 15:34

Tgt Ion:152 Resp: 141862
Ion Ratio Lower Upper
152 100
115 58.6 29.0 87.0
150 157.9 0.0 345.6

