

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042220\
 Data File : VN061140.D
 Acq On : 22 Apr 2020 20:17
 Operator : JC/MD
 Sample : L2330-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PA-TWP-2

Quant Time: Apr 23 08:22:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 22 15:26:40 2020
 Response via : Initial Calibration

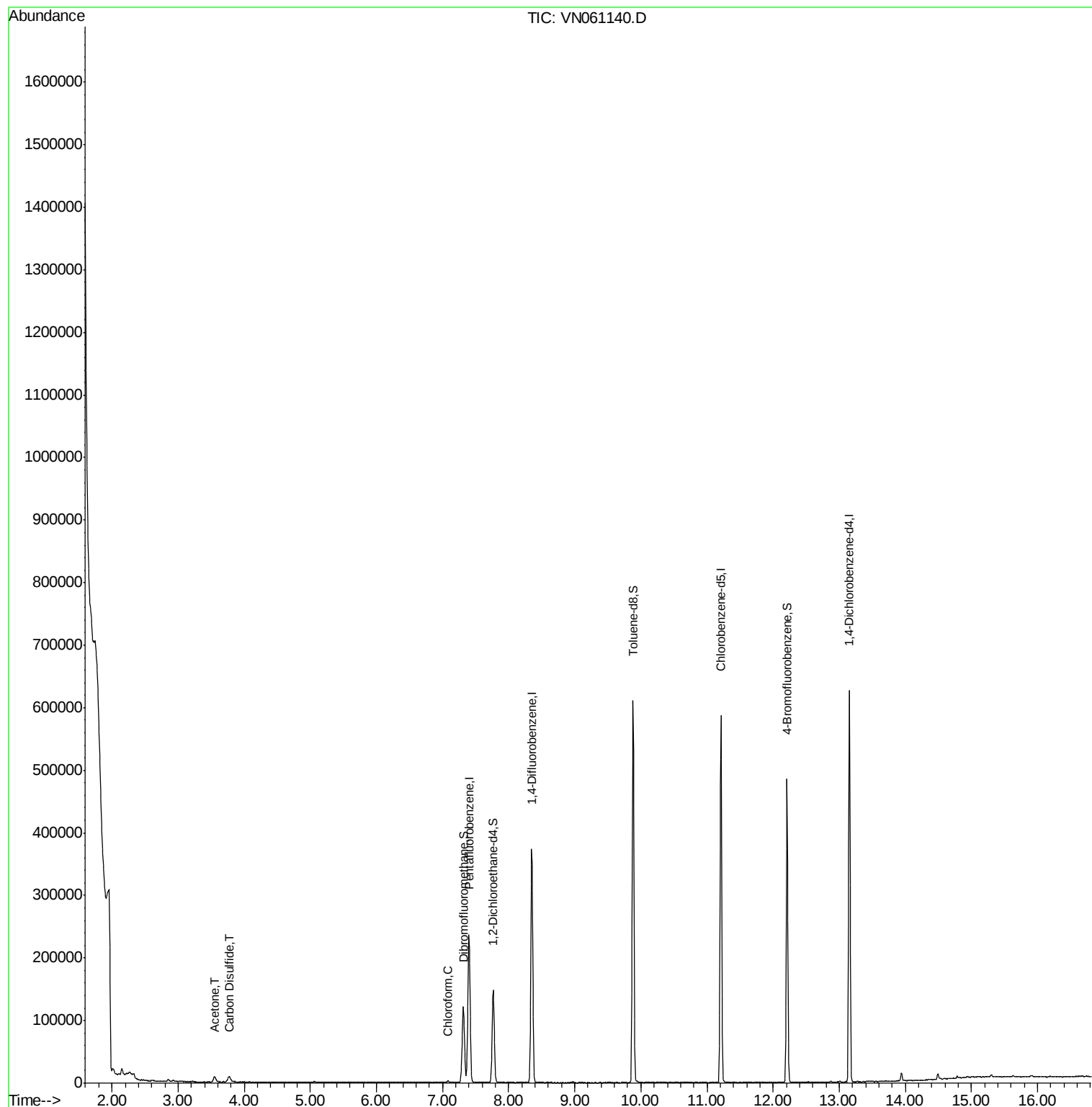
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.40	168	196652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.35	114	328890	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.21	117	316997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.15	152	155439	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.77	65	124501	47.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.50%	
35) Dibromofluoromethane	7.31	113	92771	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
50) Toluene-d8	9.88	98	402668	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.21	95	159183	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.70%	
Target Compounds						
16) Acetone	3.55	43	14444	2.488	ug/l	93
17) Carbon Disulfide	3.78	76	4607	0.784	ug/l	99
30) Chloroform	7.08	83	2855	0.709	ug/l	86

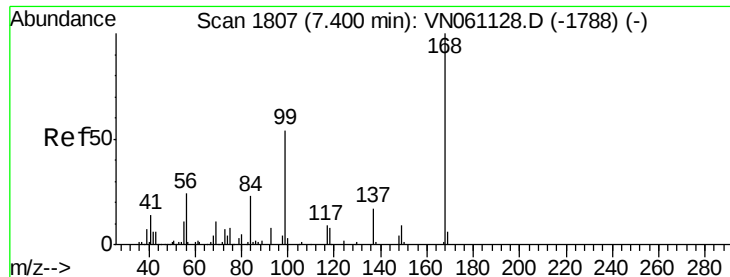
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.40 min Scan# 1807

Delta R.T. -0.00 min

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MSVOA_N

ClientSampleId :

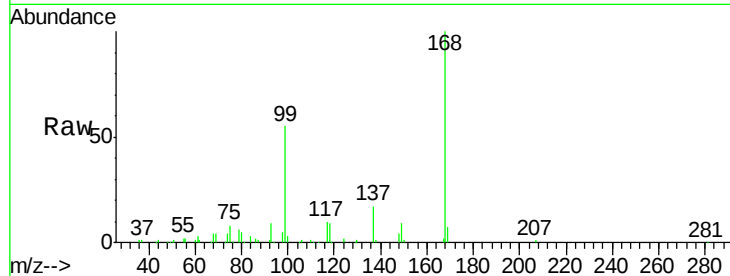
PA-TWP-2

Tot Ion:168 Resp: 196652

Ion Ratio Lower Upper

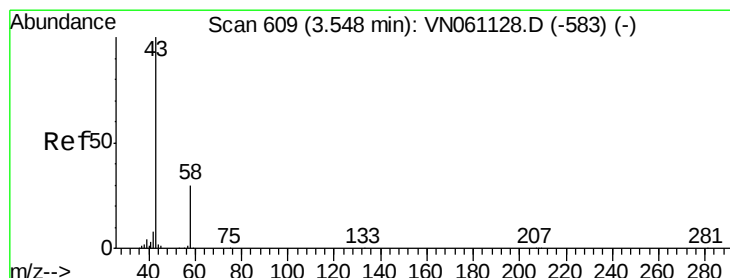
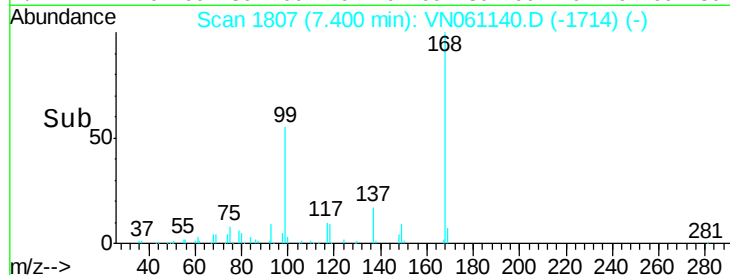
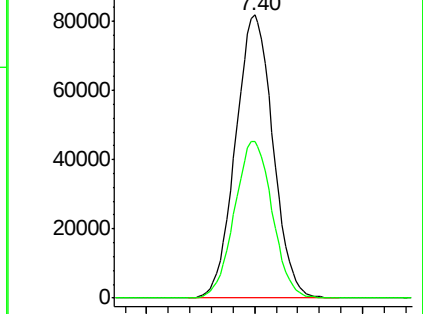
168 100

99 55.3 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 2.488 ug/l

RT: 3.55 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN061140.D

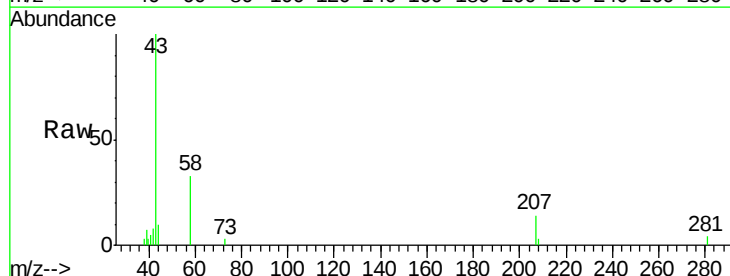
Acq: 22 Apr 2020 20:17

Tgt Ion: 43 Resp: 14444

Ion Ratio Lower Upper

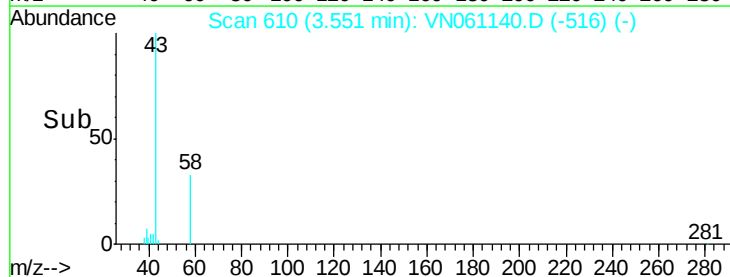
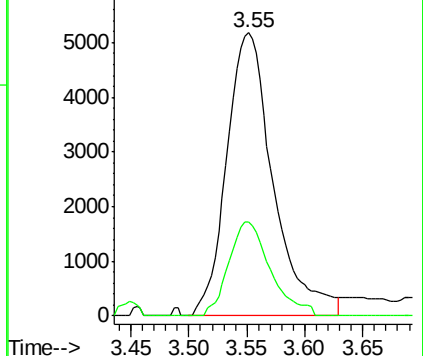
43 100

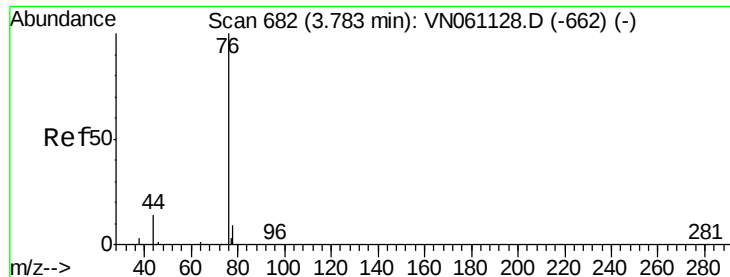
58 33.2 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#17

Carbon Disulfide

Concen: 0.784 ug/l

RT: 3.78 min Scan# 682

Delta R.T. -0.00 min

Lab File: VN061140.D

Acq: 22 Apr 2020 20:17

Instrument :

MSVOA_N

ClientSampleId :

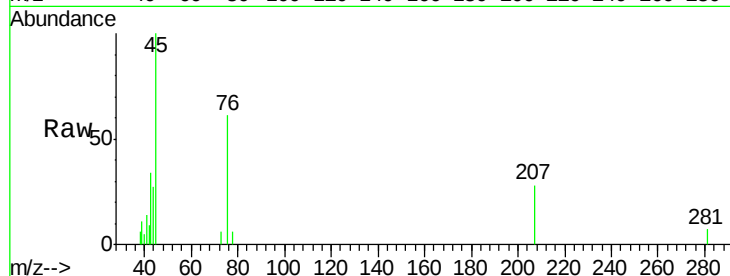
PA-TWP-2

Tot Ion: 76 Resp: 4607

Ion Ratio Lower Upper

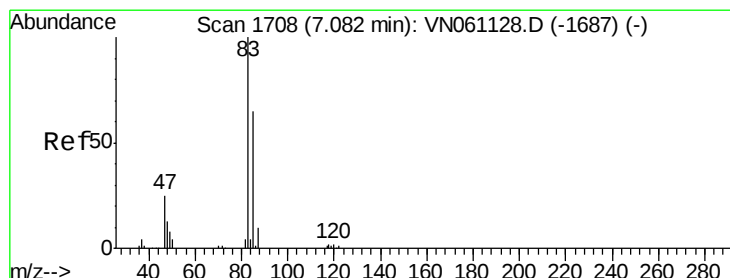
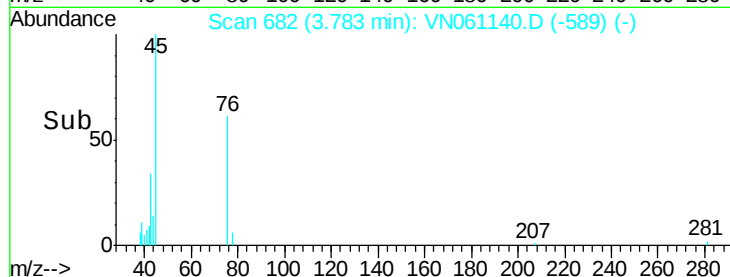
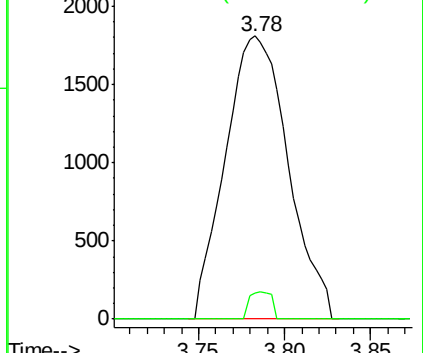
76 100

78 9.2 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN061140.D (-589) (-)

Ion 77.90 (77.60 to 78.60): VN061140.D (-589) (-)



#30

Chloroform

Concen: 0.709 ug/l

RT: 7.08 min Scan# 1709

Delta R.T. 0.00 min

Lab File: VN061140.D

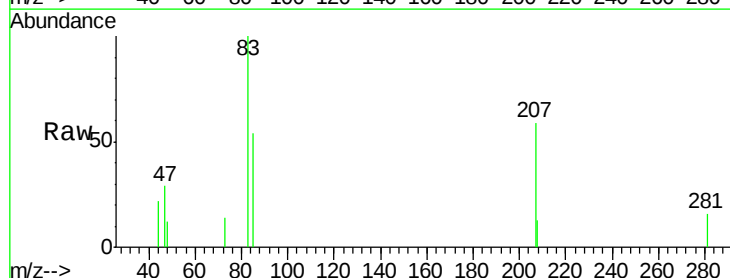
Acq: 22 Apr 2020 20:17

Tgt Ion: 83 Resp: 2855

Ion Ratio Lower Upper

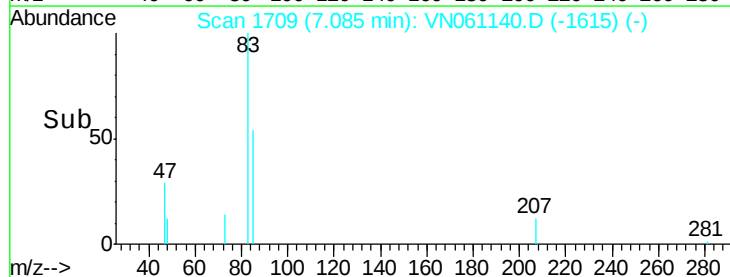
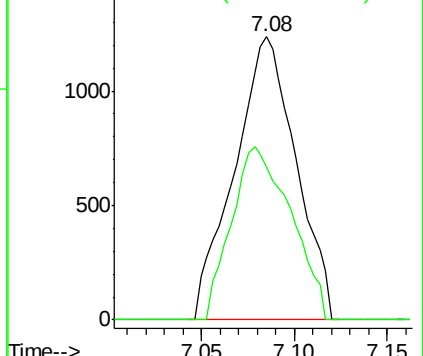
83 100

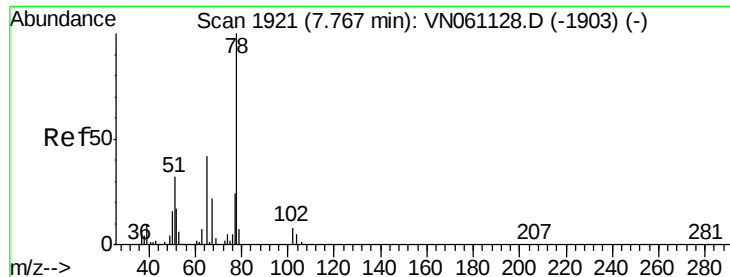
85 53.9 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VN061140.D (-1615) (-)

Ion 84.90 (84.60 to 85.60): VN061140.D (-1615) (-)

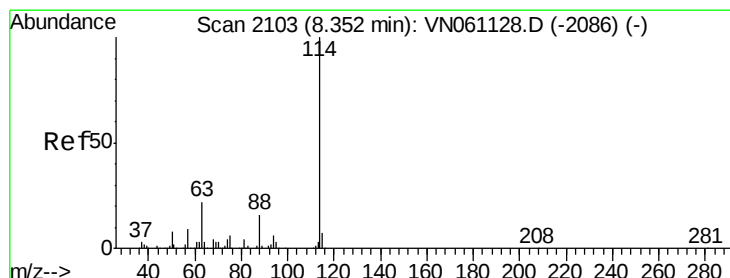
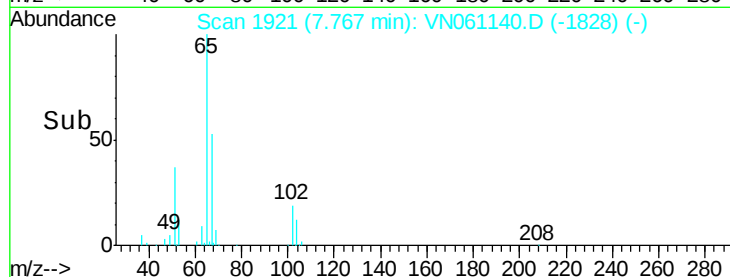
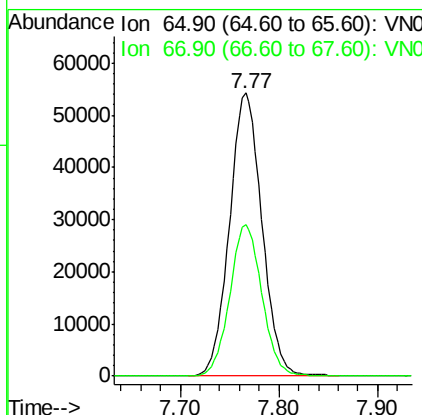
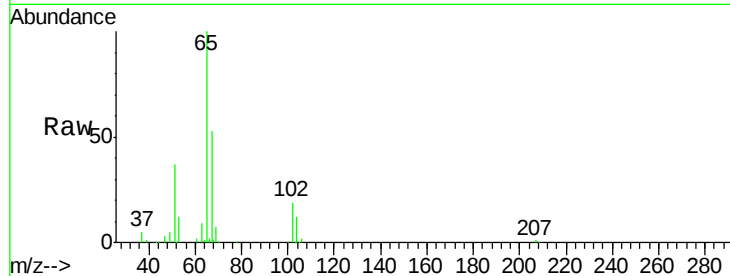




#33
 1,2-Dichloroethane-d4
 Concen: 47.746 ug/l
 RT: 7.77 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: VN061140.D
 Acq: 22 Apr 2020 20:17

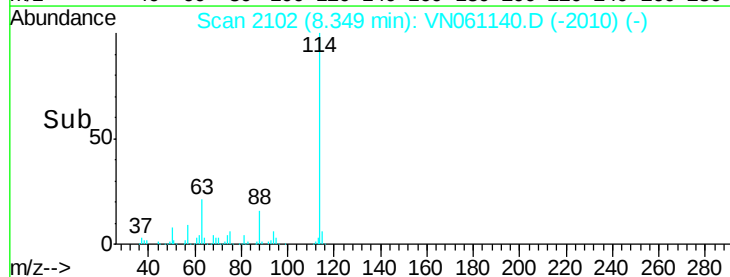
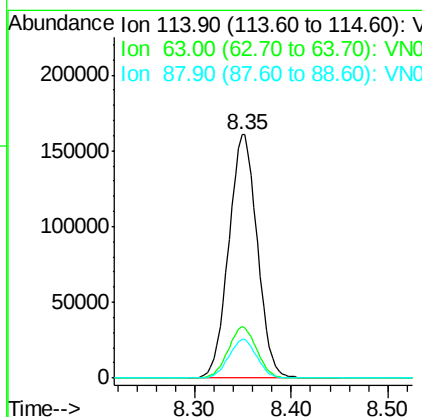
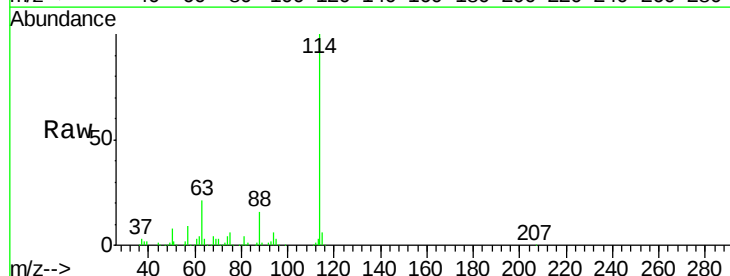
Instrument :
 MSVOA_N
 ClientSampleId :
 PA-TWP-2

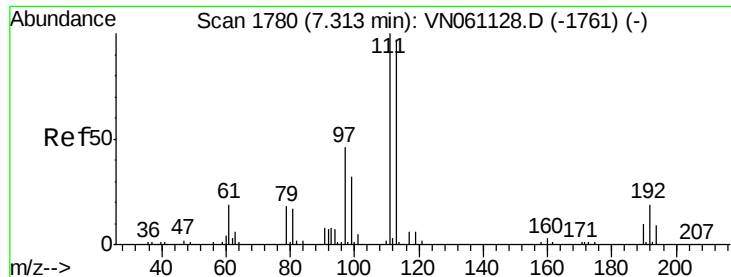
Tot Ion: 65 Resp: 124501
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.35 min Scan# 2102
 Delta R.T. -0.00 min
 Lab File: VN061140.D
 Acq: 22 Apr 2020 20:17

Tgt Ion: 114 Resp: 328890
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 43.2
 88 15.8 0.0 32.4

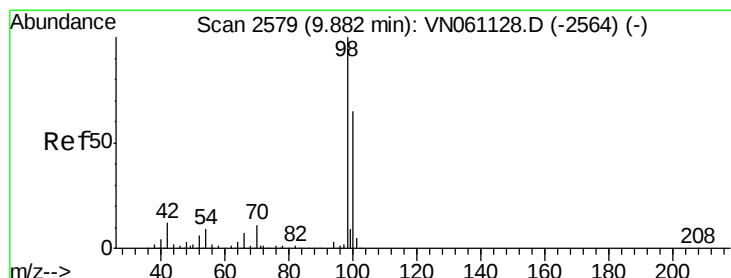
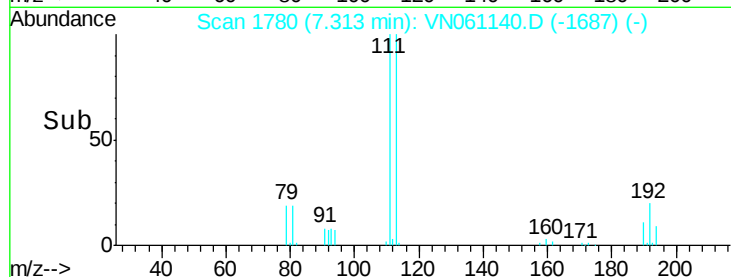
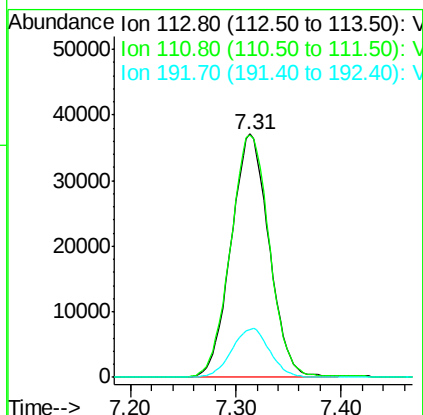
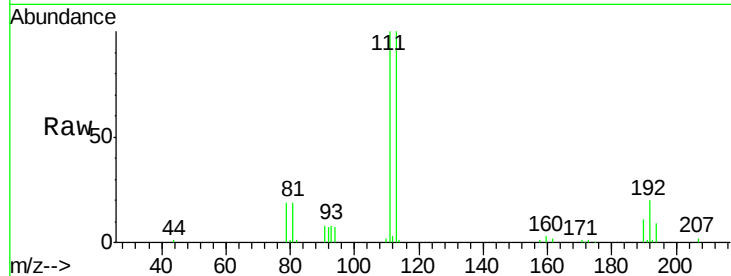




#35
 Dibromofluoromethane
 Concen: 49.427 ug/l
 RT: 7.31 min Scan# 1780
 Delta R.T. -0.00 min
 Lab File: VN061140.D
 Acq: 22 Apr 2020 20:17

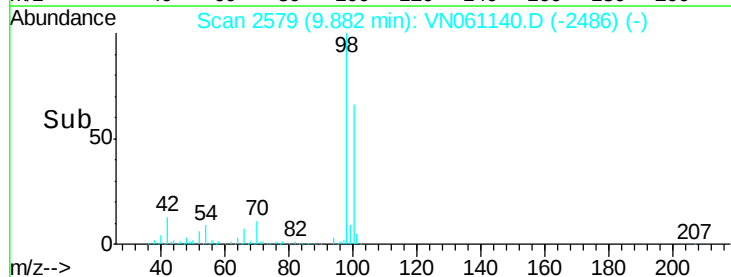
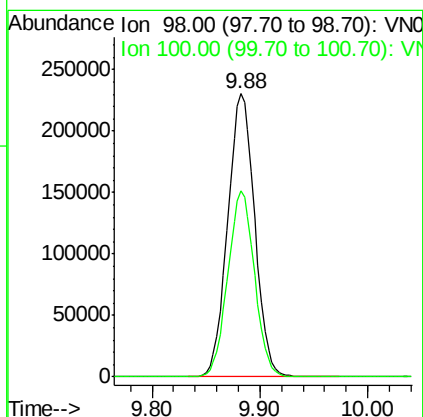
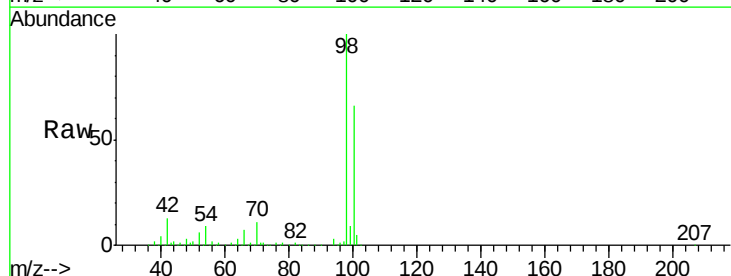
Instrument :
 MSVOA_N
 ClientSampleId :
 PA-TWP-2

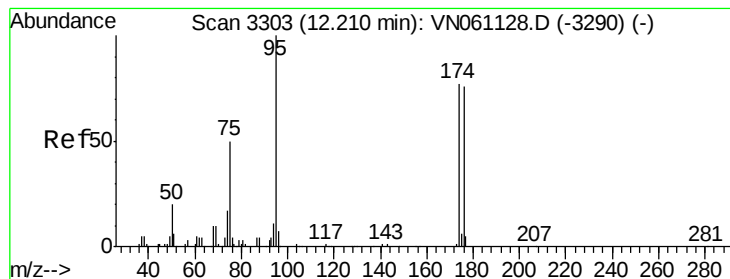
Tot Ion:113 Resp: 92771
 Ion Ratio Lower Upper
 113 100
 111 101.8 83.0 124.6
 192 20.0 15.8 23.6



#50
 Toluene-d8
 Concen: 50.065 ug/l
 RT: 9.88 min Scan# 2579
 Delta R.T. -0.00 min
 Lab File: VN061140.D
 Acq: 22 Apr 2020 20:17

Tgt Ion: 98 Resp: 402668
 Ion Ratio Lower Upper
 98 100
 100 65.0 51.8 77.6





#62

4-Bromofluorobenzene

Concen: 52.846 ug/l

RT: 12.21 min Scan# 3303

Delta R.T. -0.00 min

Lab File: VN061140.D

Acq: 22 Apr 2020 20:17

Instrument :

MSVOA_N

ClientSampled :

PA-TWP-2

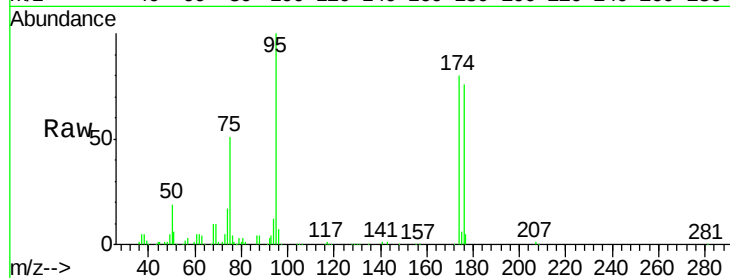
Tot Ion: 95 Resp: 159183

Ion Ratio Lower Upper

95 100

174 80.9 0.0 157.6

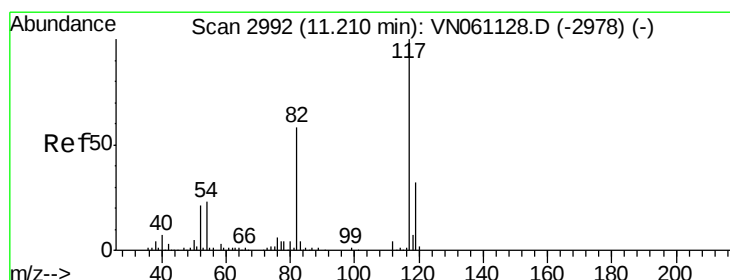
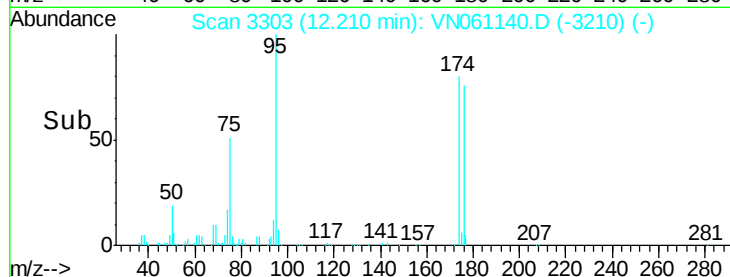
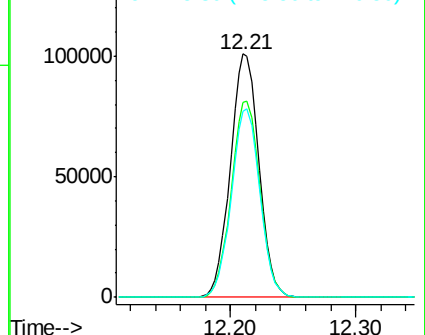
176 77.2 0.0 154.4



Abundance Ion 94.90 (94.60 to 95.60): VN061140.D (-3210) (-)

Ion 173.80 (173.50 to 174.50): VN061140.D (-3210) (-)

Ion 175.80 (175.50 to 176.50): VN061140.D (-3210) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.21 min Scan# 2992

Delta R.T. -0.00 min

Lab File: VN061140.D

Acq: 22 Apr 2020 20:17

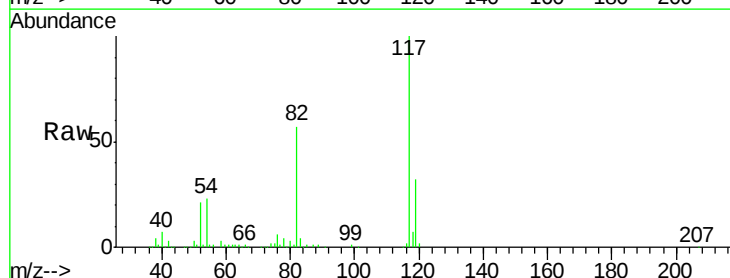
Tgt Ion: 117 Resp: 316997

Ion Ratio Lower Upper

117 100

82 56.7 46.0 69.0

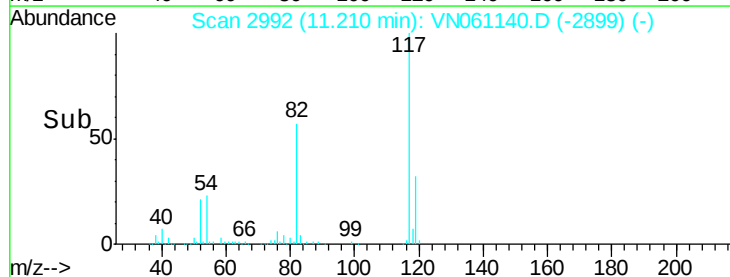
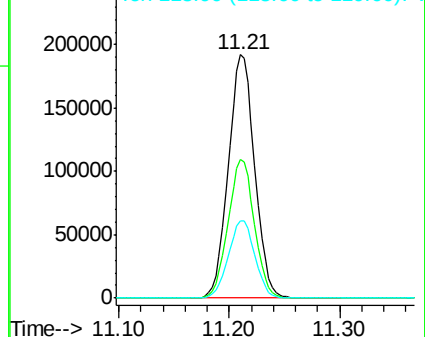
119 32.0 25.9 38.9

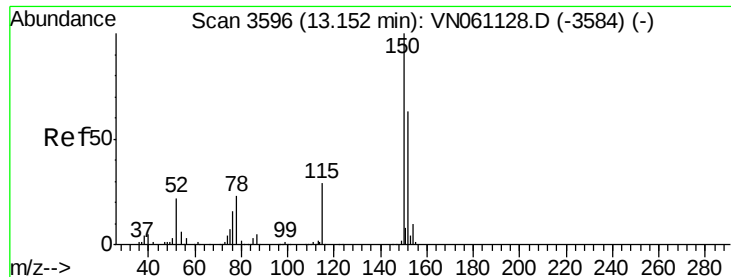


Abundance Ion 116.90 (116.60 to 117.60): VN061140.D (-2899) (-)

Ion 82.00 (81.70 to 82.70): VN061140.D (-2899) (-)

Ion 118.90 (118.60 to 119.60): VN061140.D (-2899) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.15 min Scan# 3596

Delta R.T. -0.00 min

Lab File: VN061140.D

Acq: 22 Apr 2020 20:17

Instrument :

MSVOA_N

ClientSampleId :

PA-TWP-2

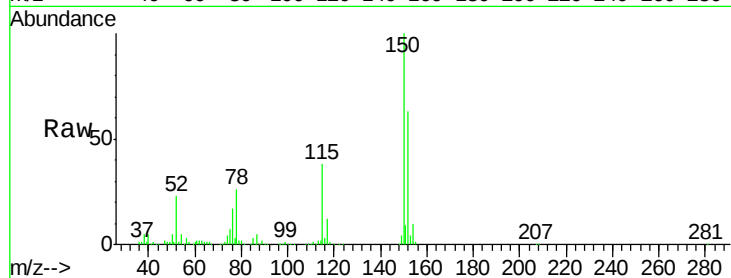
Tot Ion:152 Resp: 155439

Ion Ratio Lower Upper

152 100

115 59.6 29.8 89.5

150 158.9 0.0 348.6



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

