

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090219\
 Data File : VN057644.D
 Acq On : 1 Sep 2019 15:12
 Operator : JC/SP
 Sample : K4527-36
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-O-(1.9)

Quant Time: Sep 02 02:31:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 15:54:32 2019
 Response via : Initial Calibration

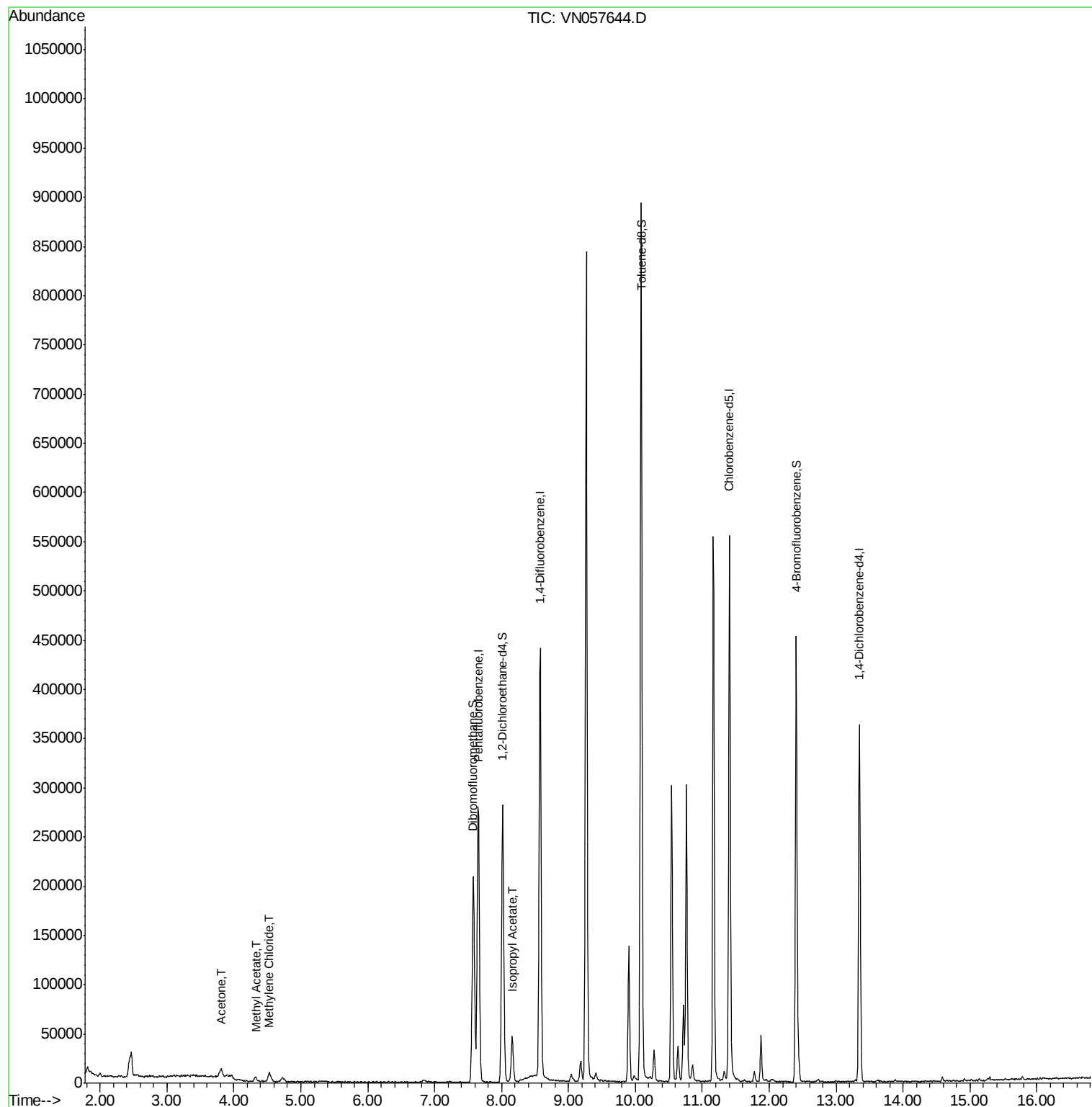
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	200262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	336840	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	289322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	88635	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	244037	53.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.88%	
35) Dibromofluoromethane	7.58	113	149527	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
50) Toluene-d8	10.08	98	573125	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.50%	
62) 4-Bromofluorobenzene	12.40	95	161278	37.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.12%	
Target Compounds						
16) Acetone	3.81	43	12249	9.661	ug/l	97
18) Methyl Acetate	4.32	43	9568	2.198	ug/l #	72
20) Methylene Chloride	4.53	84	5644	1.798	ug/l #	95
43) Isopropyl Acetate	8.16	43	56325	7.359	ug/l	98

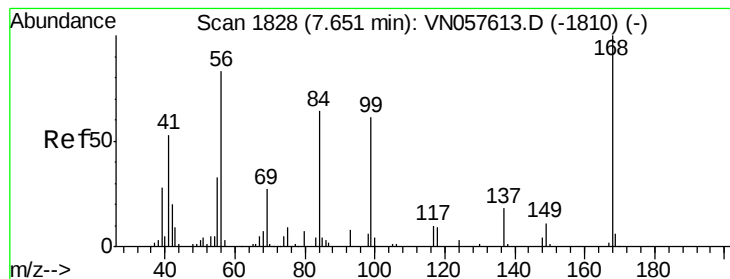
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 31 15:54:32 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057644.D

Acq: 1 Sep 2019 15:12

Instrument :

MSVOA_N

ClientSampleId :

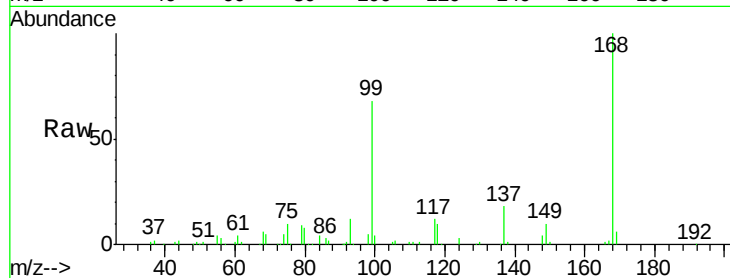
T9-12-13-O-(1.9)

Tot Ion:168 Resp: 200262

Ion Ratio Lower Upper

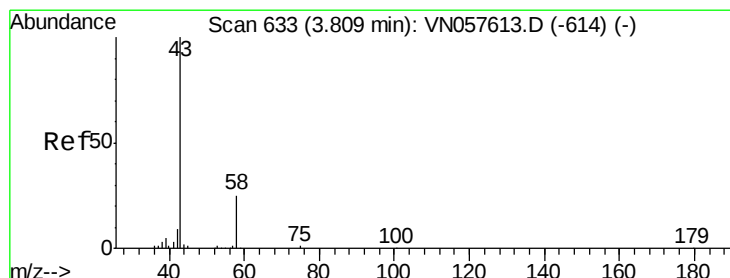
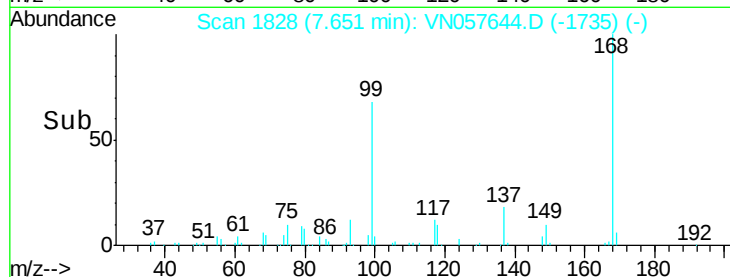
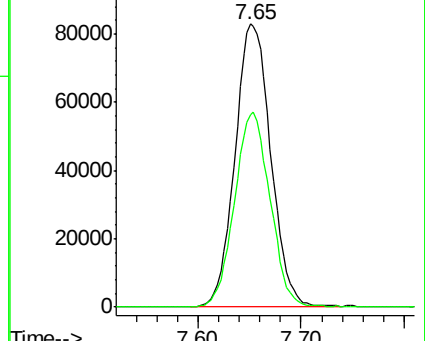
168 100

99 68.2 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 9.661 ug/l

RT: 3.81 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN057644.D

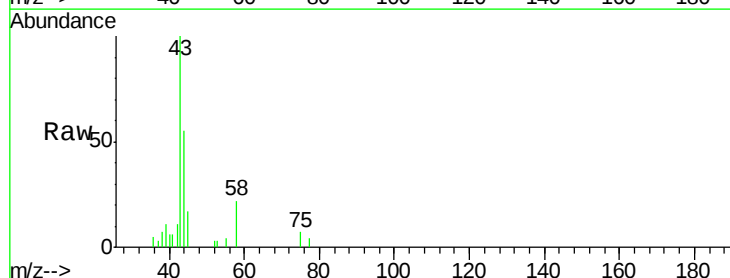
Acq: 1 Sep 2019 15:12

Tgt Ion: 43 Resp: 12249

Ion Ratio Lower Upper

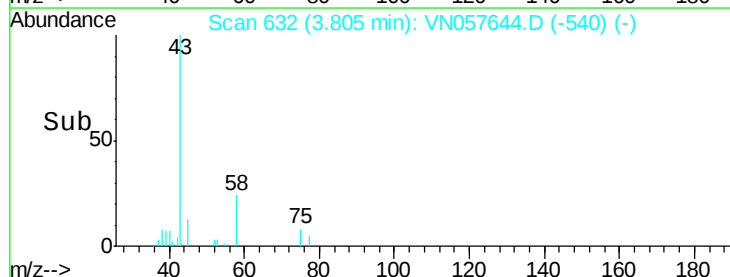
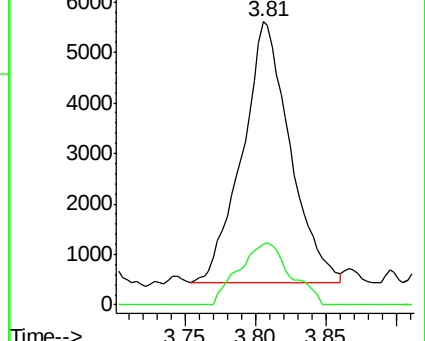
43 100

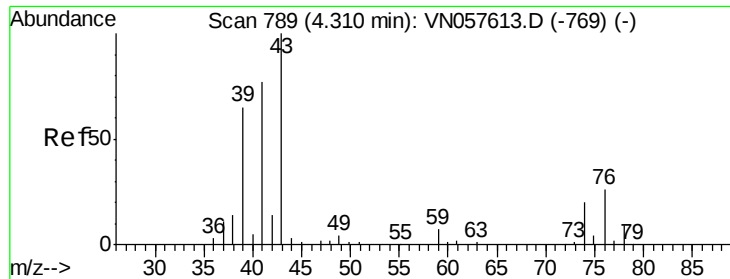
58 23.4 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

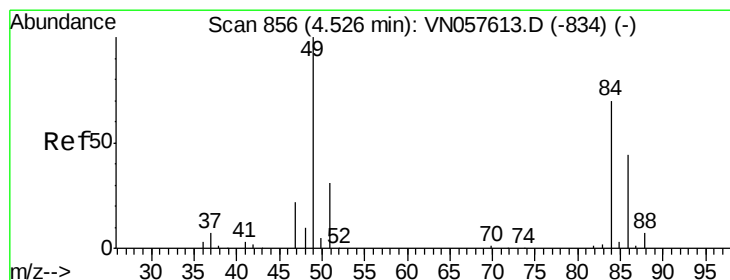
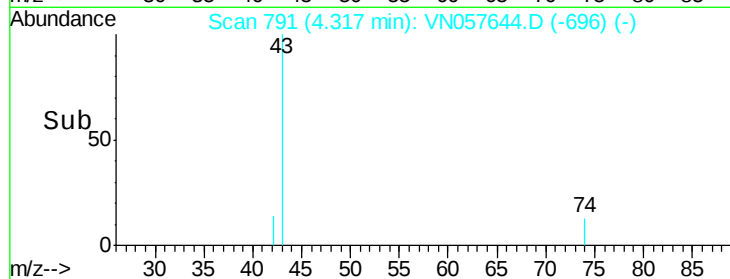
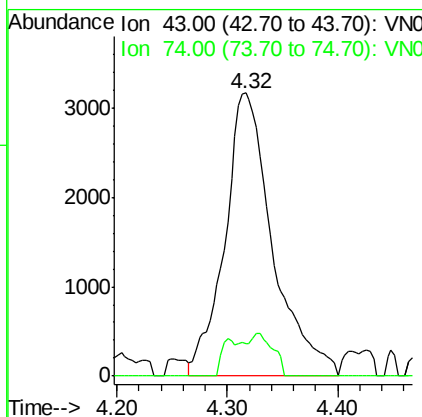
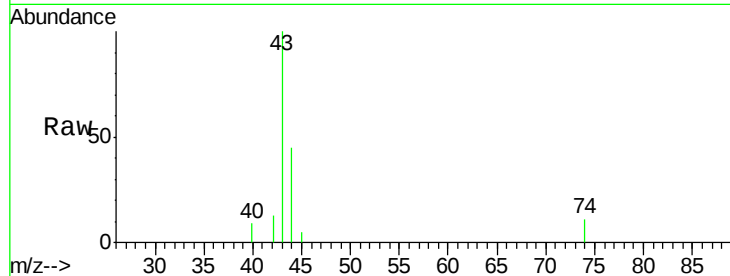




#18
Methyl Acetate
Concen: 2.198 ug/l
RT: 4.32 min Scan# 791
Delta R.T. 0.01 min
Lab File: VN057644.D
Acq: 1 Sep 2019 15:12

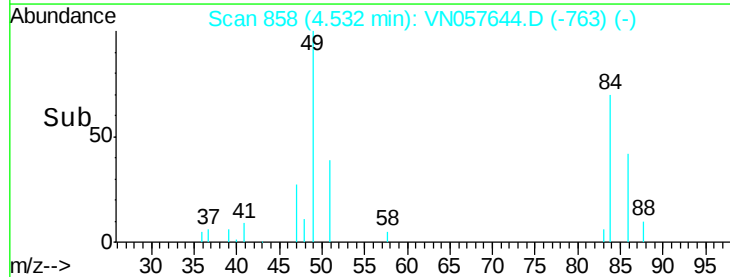
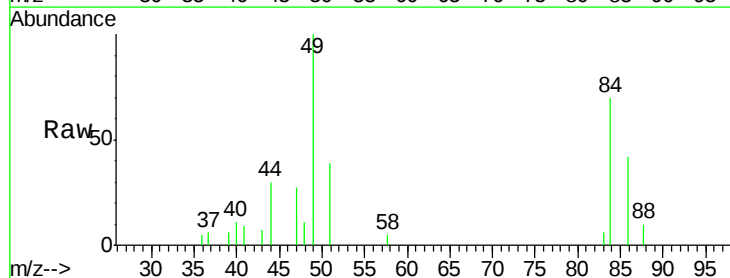
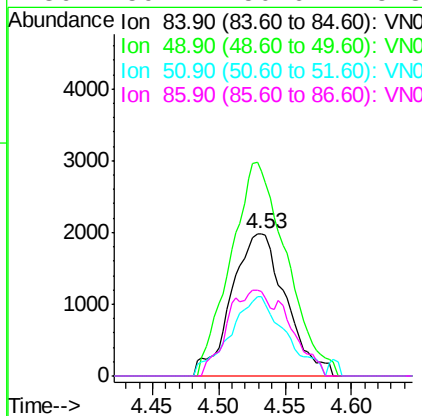
Instrument :
MSVOA_N
ClientSampled :
T9-12-13-O-(1.9)

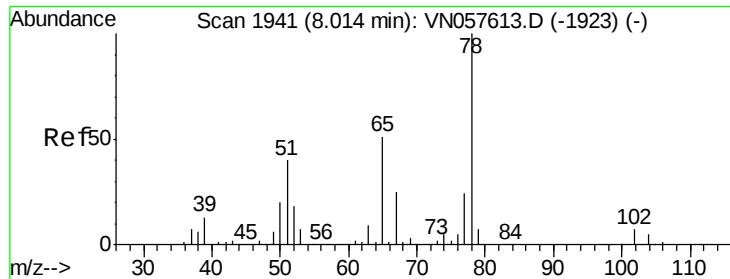
Tot Ion: 43 Resp: 9568
Ion Ratio Lower Upper
43 100
74 6.6 15.7 23.5#



#20
Methylene Chloride
Concen: 1.798 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN057644.D
Acq: 1 Sep 2019 15:12

Tgt Ion: 84 Resp: 5644
Ion Ratio Lower Upper
84 100
49 143.2 113.8 170.6
51 55.2 35.0 52.6#
86 59.7 50.6 75.8

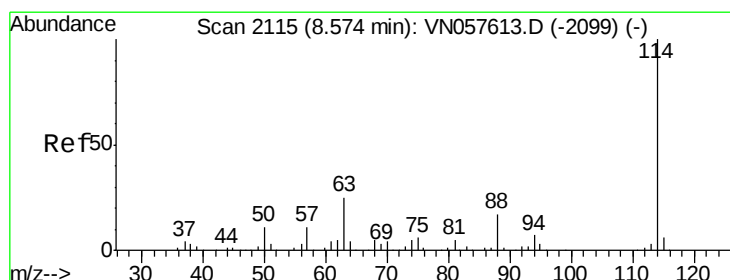
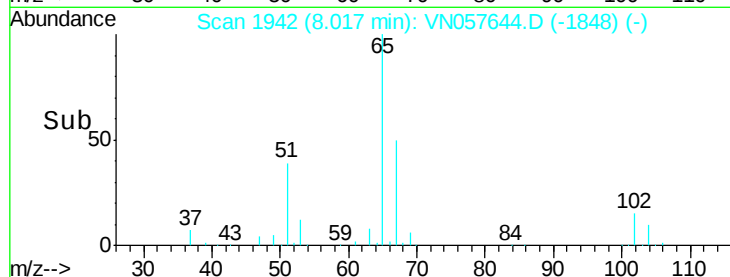
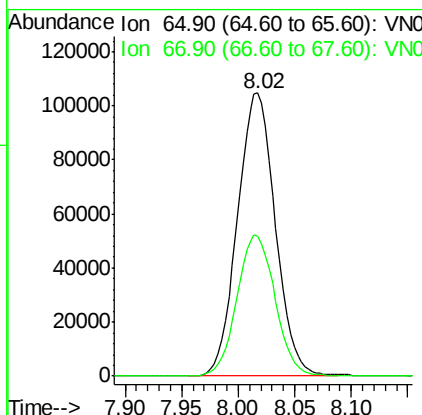
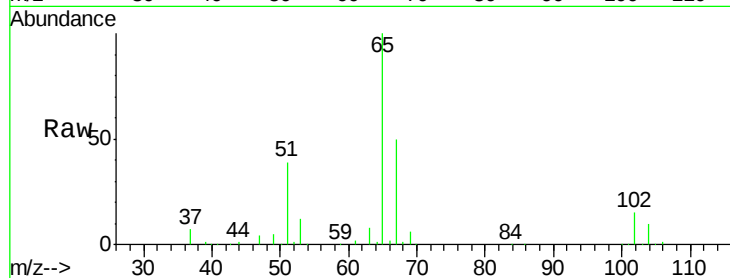




#33
 1,2-Dichloroethane-d4
 Concen: 53.944 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VN057644.D
 Acq: 1 Sep 2019 15:12

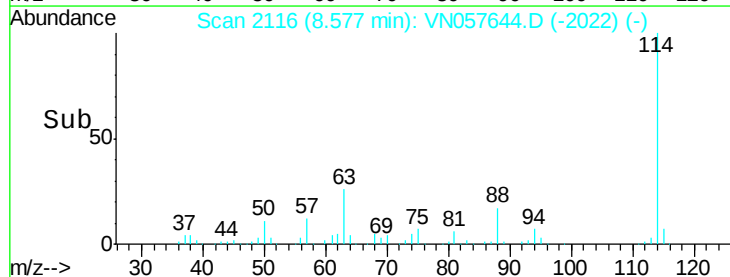
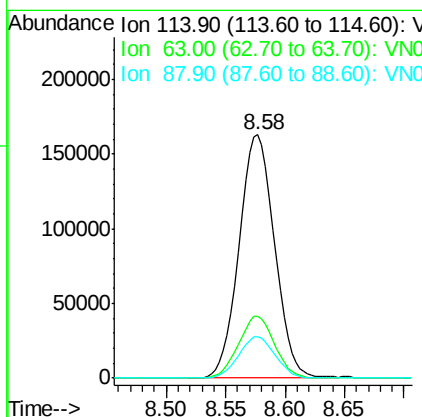
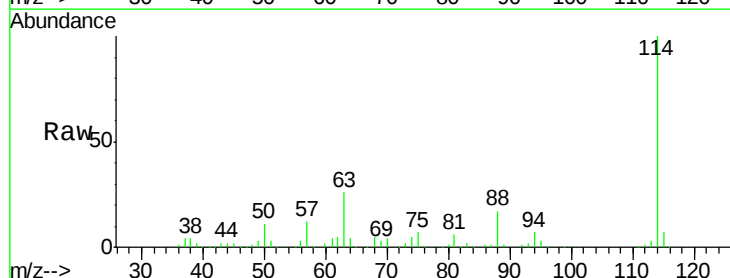
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-O-(1.9)

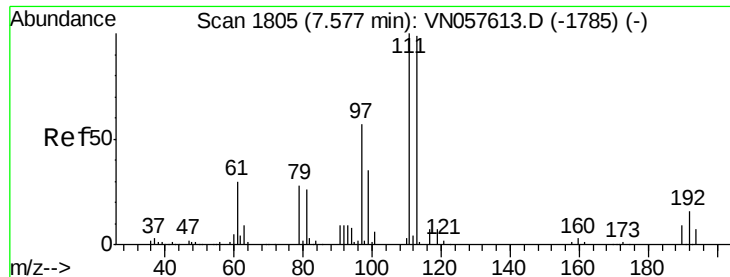
Tot Ion: 65 Resp: 244037
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057644.D
 Acq: 1 Sep 2019 15:12

Tgt Ion: 114 Resp: 336840
 Ion Ratio Lower Upper
 114 100
 63 25.6 0.0 49.0
 88 17.2 0.0 33.0

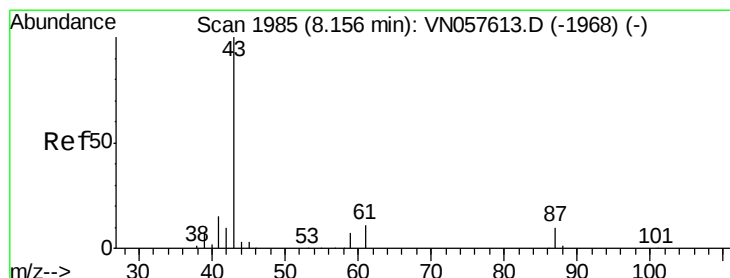
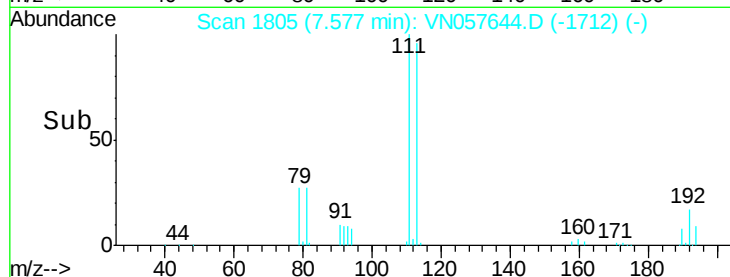
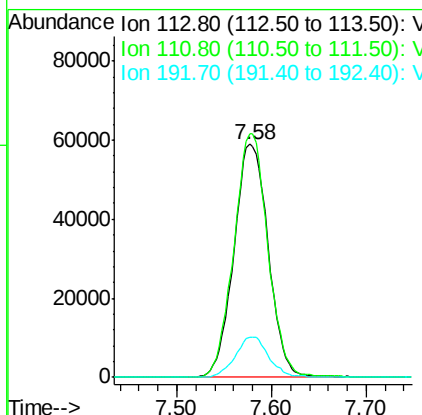
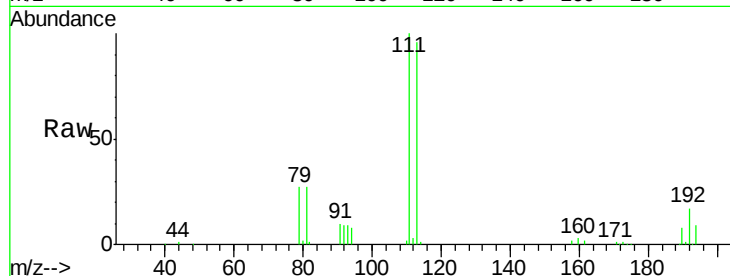




#35
 Dibromofluoromethane
 Concen: 50.832 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VN057644.D
 Acq: 1 Sep 2019 15:12

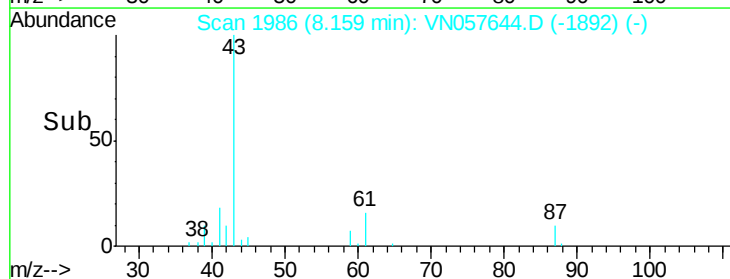
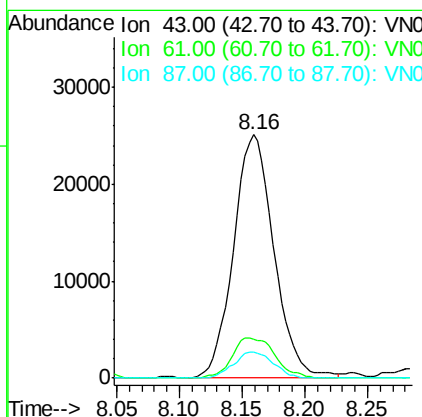
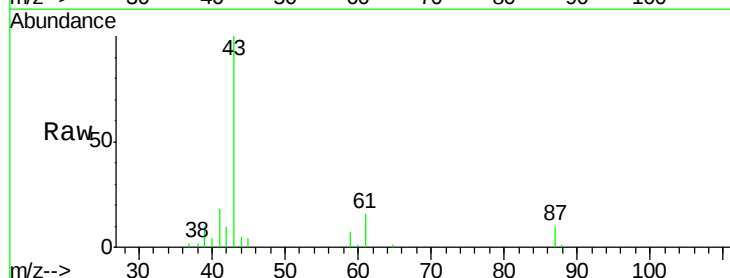
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-O-(1.9)

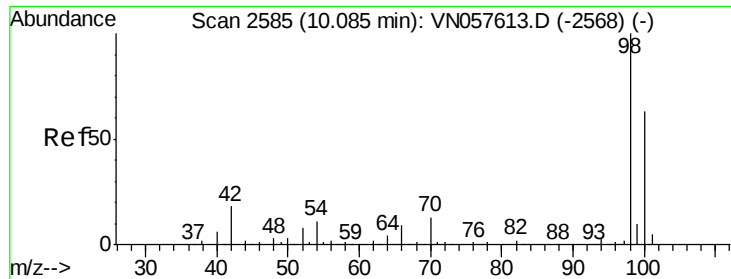
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.3	121.9
192	16.8	13.5	20.3



#43
 Isopropyl Acetate
 Concen: 7.359 ug/l
 RT: 8.16 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VN057644.D
 Acq: 1 Sep 2019 15:12

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.5	13.1	19.7
87	10.5	8.1	12.1





#50

Toluene-d8

Concen: 50.749 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057644.D

Acq: 1 Sep 2019 15:12

Instrument :

MSVOA_N

ClientSampleId :

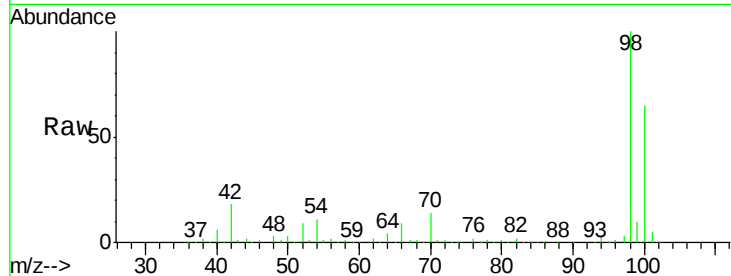
T9-12-13-O-(1.9)

Tot Ion: 98 Resp: 573125

Ion Ratio Lower Upper

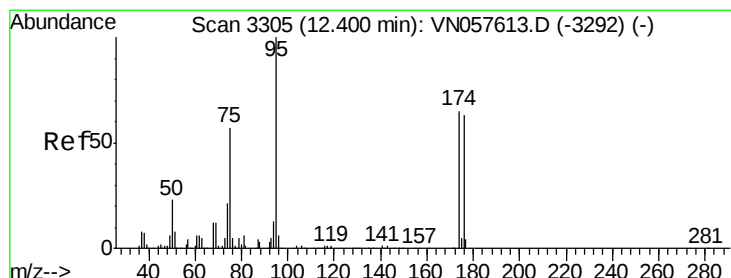
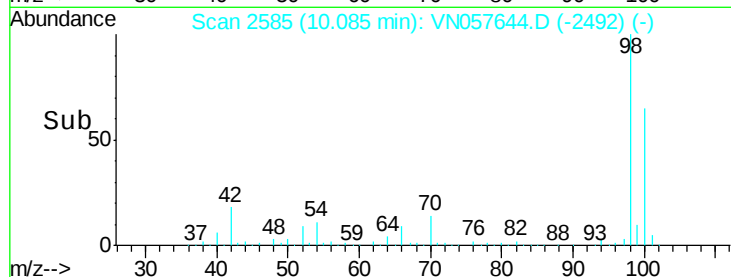
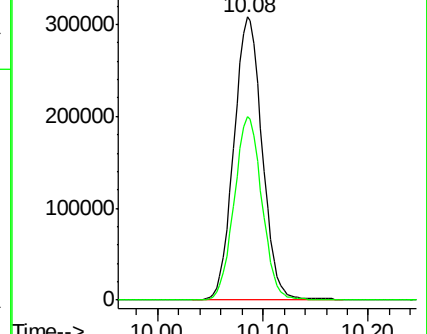
98 100

100 63.6 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 37.555 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057644.D

Acq: 1 Sep 2019 15:12

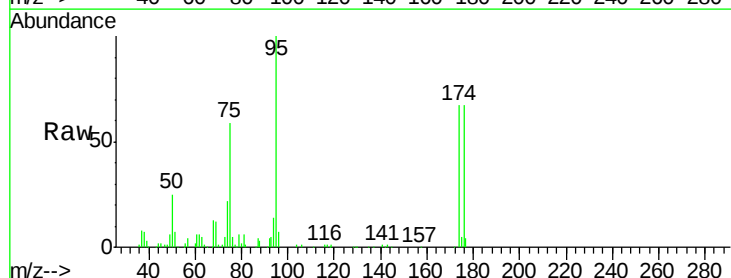
Tgt Ion: 95 Resp: 161278

Ion Ratio Lower Upper

95 100

174 67.7 0.0 134.8

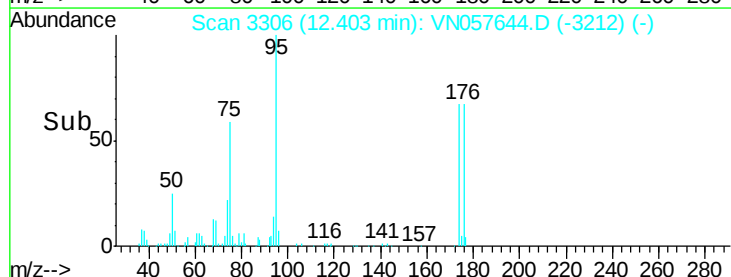
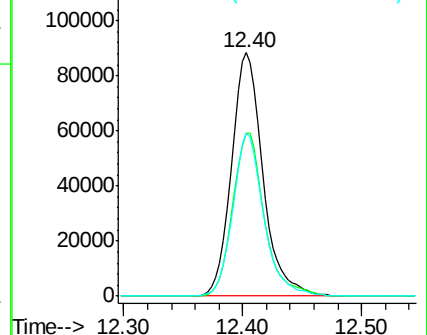
176 66.0 0.0 131.6

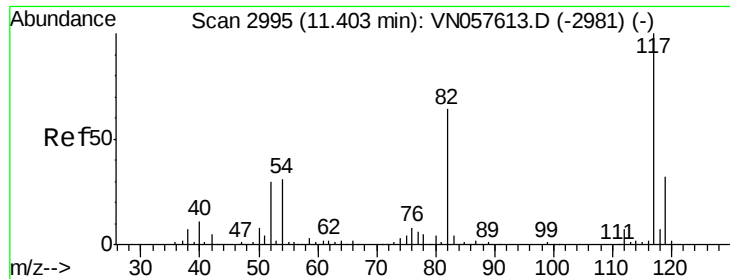


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN

Ion 175.80 (175.50 to 176.50): VN





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057644.D

Acq: 1 Sep 2019 15:12

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-O-(1.9)

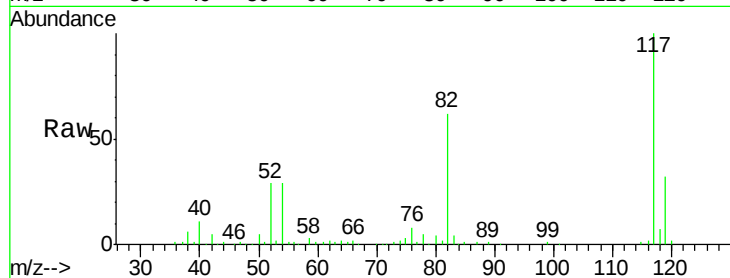
Tot Ion:117 Resp: 289322

Ion Ratio Lower Upper

117 100

82 62.1 51.6 77.4

119 32.2 25.8 38.6

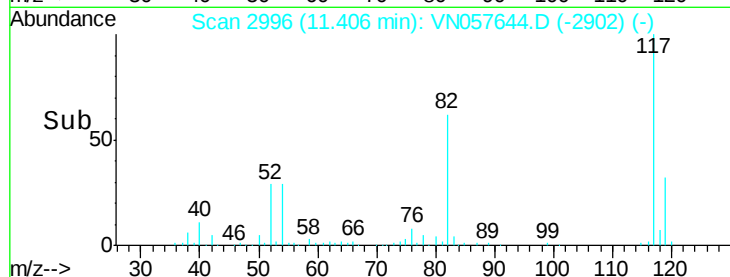


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

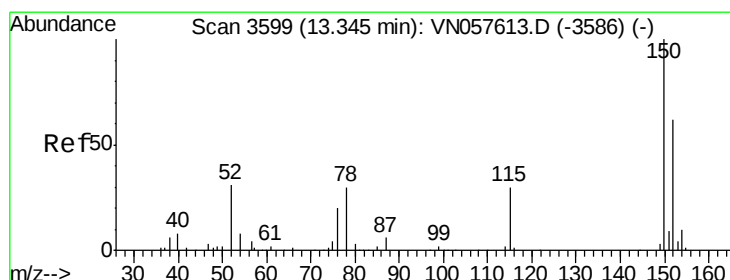
Ion 118.90 (118.60 to 119.60): V

Time-->



Abundance

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057644.D

Acq: 1 Sep 2019 15:12

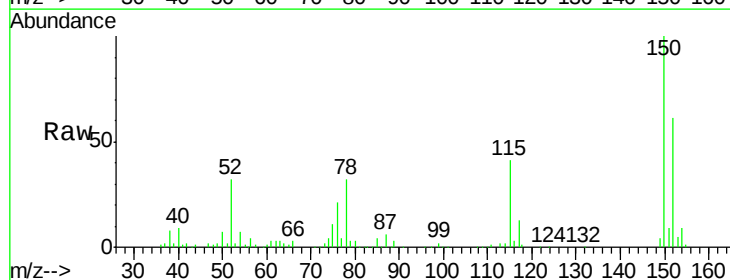
Tgt Ion:152 Resp: 88635

Ion Ratio Lower Upper

152 100

115 66.6 33.2 99.6

150 162.3 0.0 365.2

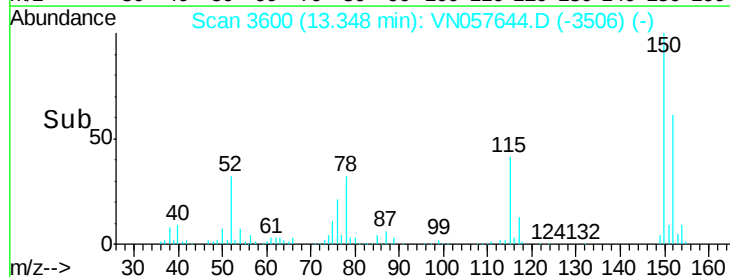


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

Time-->



Abundance

Time-->