

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091319\
 Data File : VN057981.D
 Acq On : 12 Sep 2019 20:05
 Operator : JC/SP
 Sample : K4644-31
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-E3-(4)

Quant Time: Sep 13 06:32:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

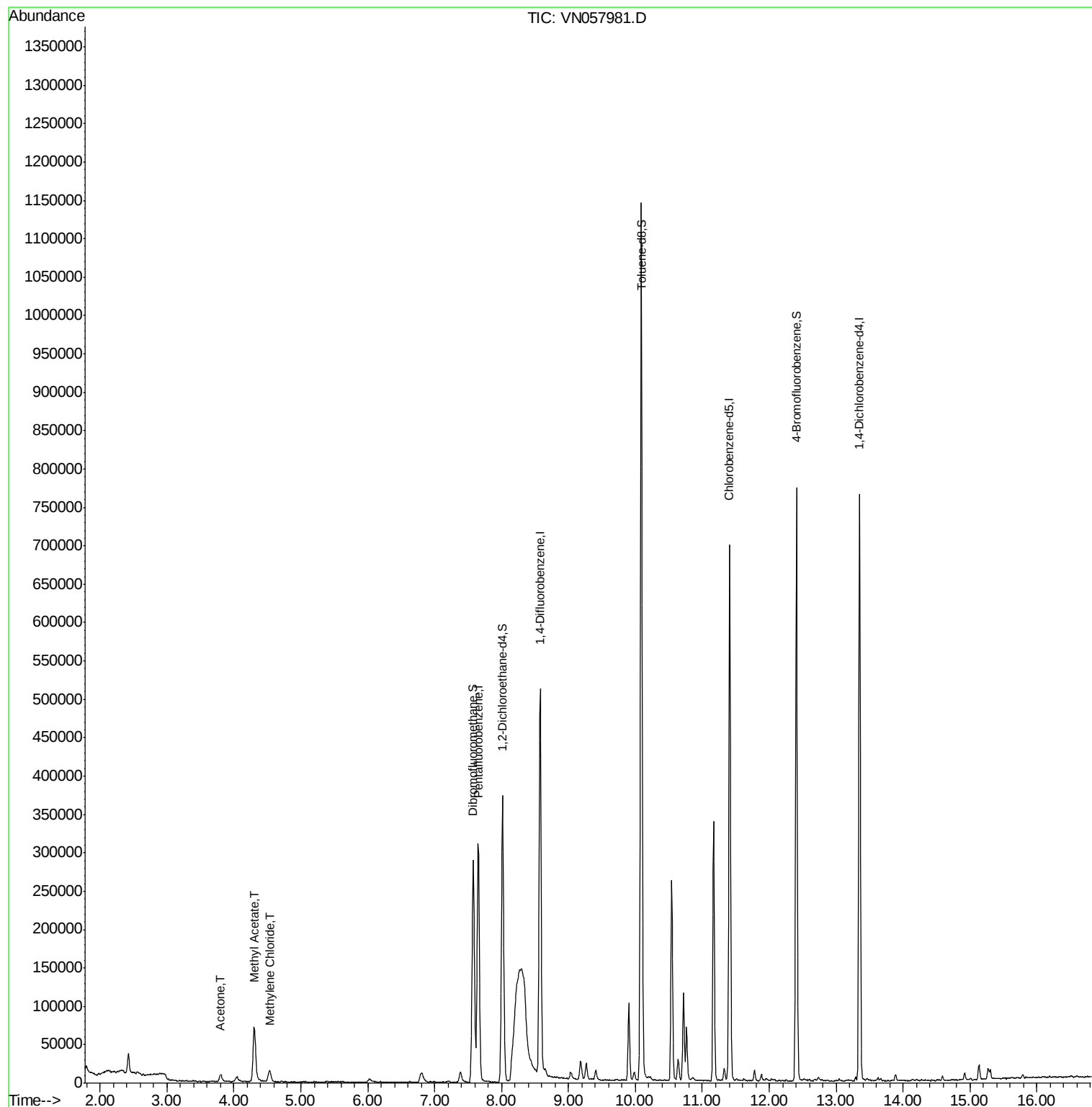
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	241283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	423882	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	379812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	188819	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	318434	65.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	130.32%	
35) Dibromofluoromethane	7.58	113	216665	55.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.76%	
50) Toluene-d8	10.09	98	781461	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.90%	
62) 4-Bromofluorobenzene	12.41	95	259388	44.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.62%	
Target Compounds						
16) Acetone	3.81	43	15084	9.415	ug/l	100
18) Methyl Acetate	4.30	43	134871	31.574	ug/l	99
20) Methylene Chloride	4.54	84	10575	2.293	ug/l	99

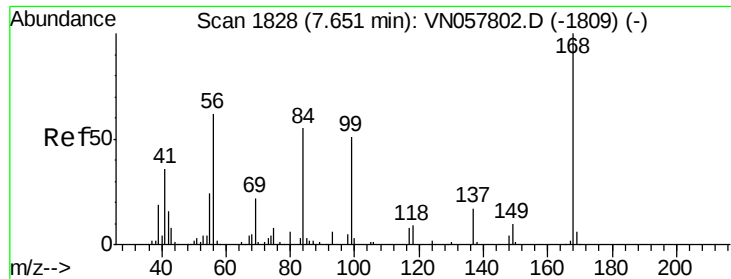
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057981.D

Acq: 12 Sep 2019 20:05

Instrument :

MSVOA_N

ClientSampleId :

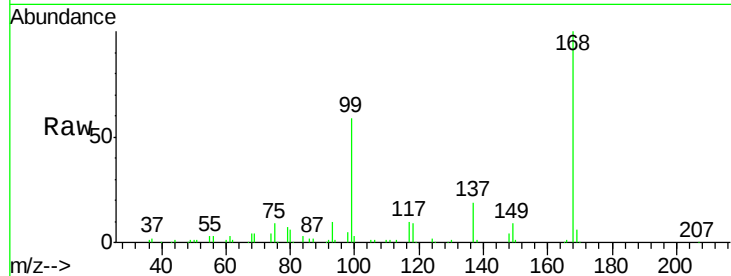
T11-E3-(4)

Tot Ion:168 Resp: 241283

Ion Ratio Lower Upper

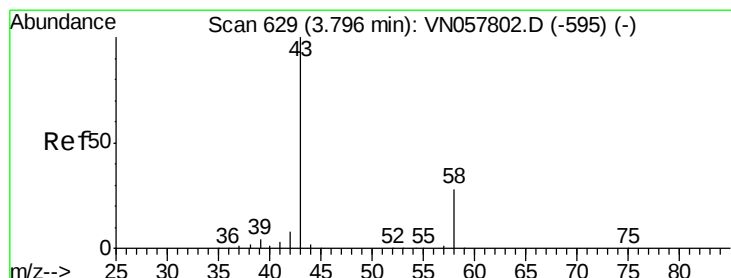
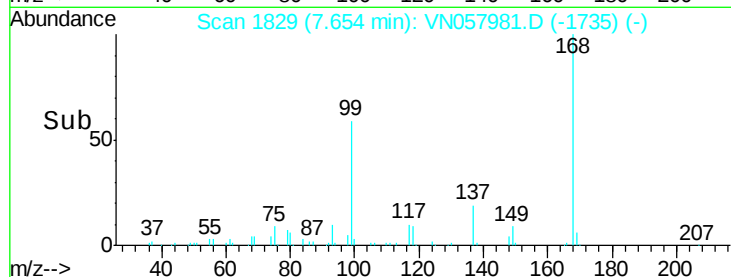
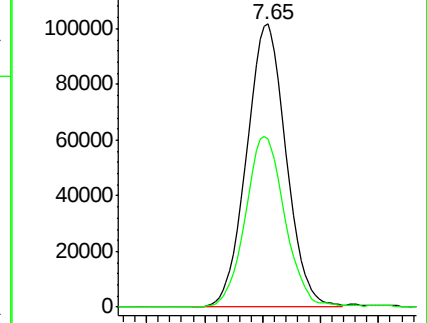
168 100

99 59.2 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 9.415 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN057981.D

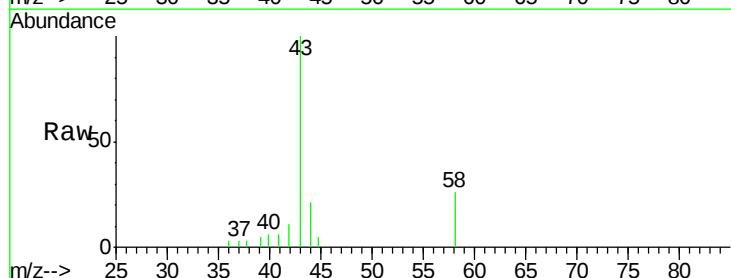
Acq: 12 Sep 2019 20:05

Tgt Ion: 43 Resp: 15084

Ion Ratio Lower Upper

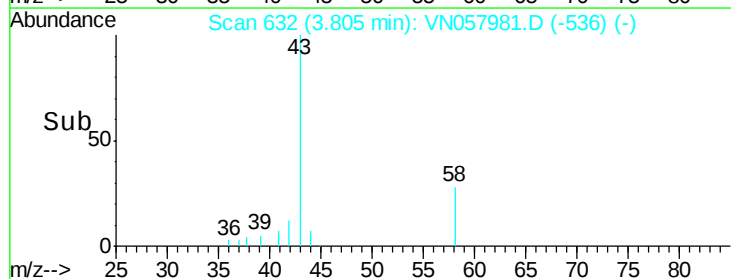
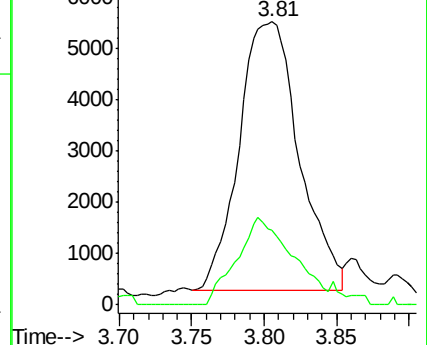
43 100

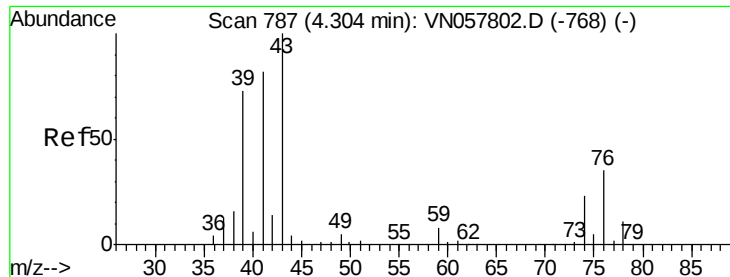
58 27.7 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

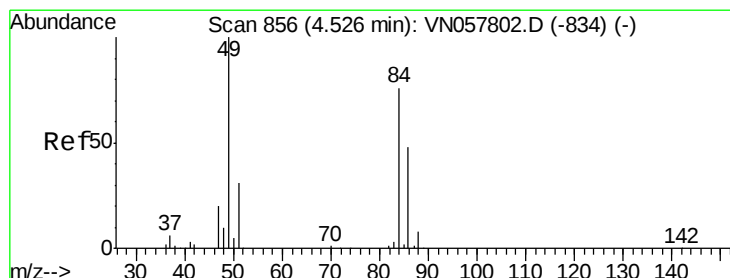
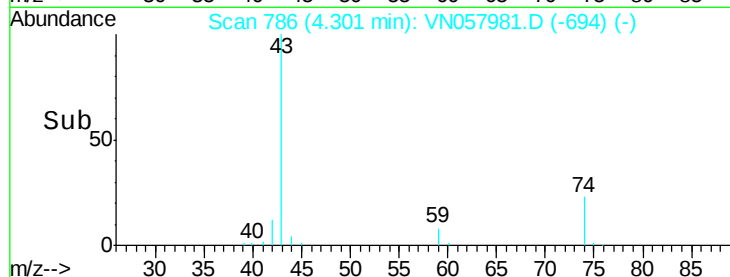
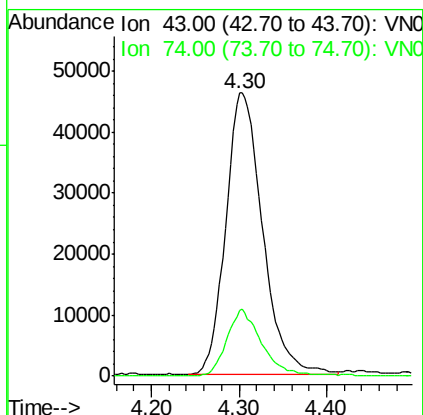
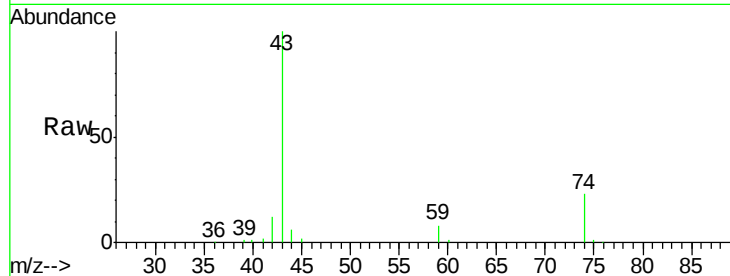




#18
Methyl Acetate
Concen: 31.574 ug/l
RT: 4.30 min Scan# 786
Delta R.T. -0.00 min
Lab File: VN057981.D
Acq: 12 Sep 2019 20:05

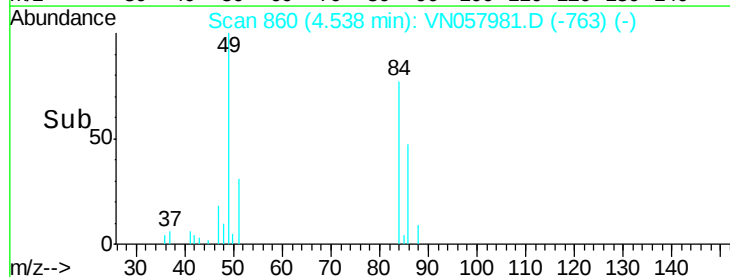
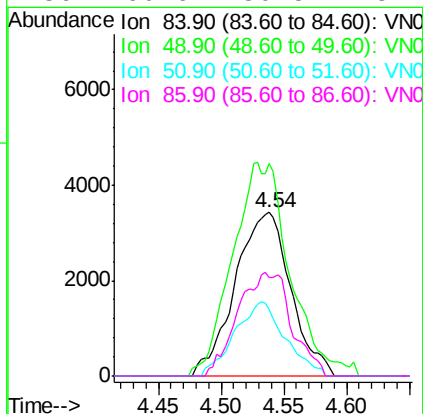
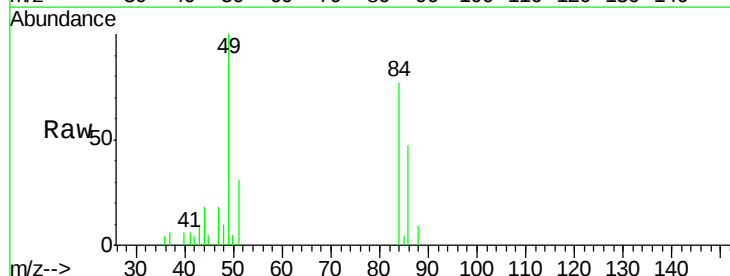
Instrument :
MSVOA_N
ClientSampled :
T11-E3-(4)

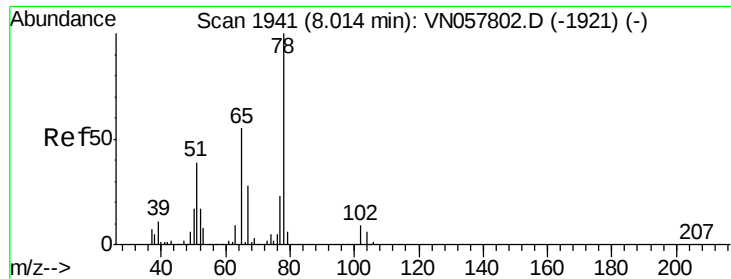
Tot Ion: 43 Resp: 134871
Ion Ratio Lower Upper
43 100
74 22.6 17.9 26.9



#20
Methylene Chloride
Concen: 2.293 ug/l
RT: 4.54 min Scan# 860
Delta R.T. 0.01 min
Lab File: VN057981.D
Acq: 12 Sep 2019 20:05

Tgt Ion: 84 Resp: 10575
Ion Ratio Lower Upper
84 100
49 130.3 104.8 157.2
51 40.6 33.0 49.4
86 60.6 50.5 75.7

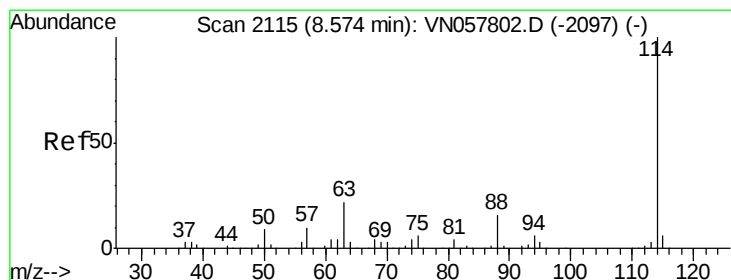
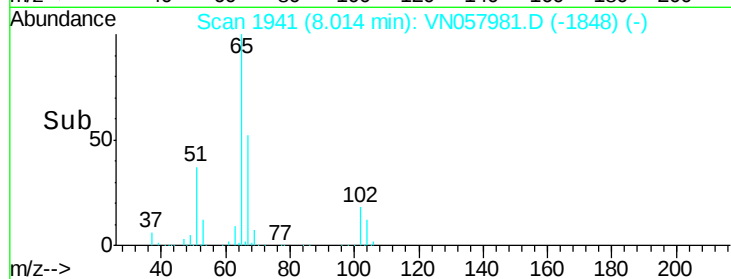
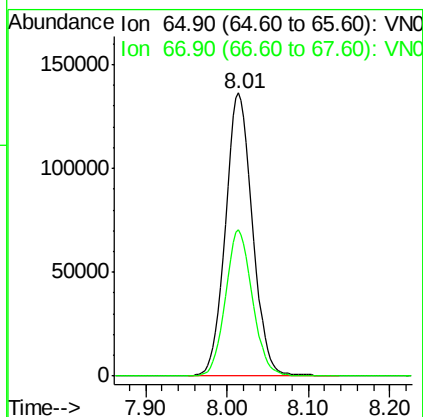
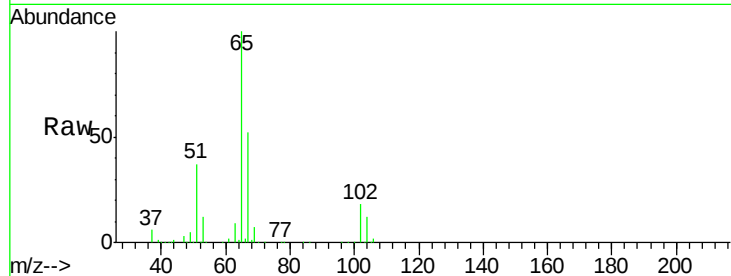




#33
 1,2-Dichloroethane-d4
 Concen: 65.159 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057981.D
 Acq: 12 Sep 2019 20:05

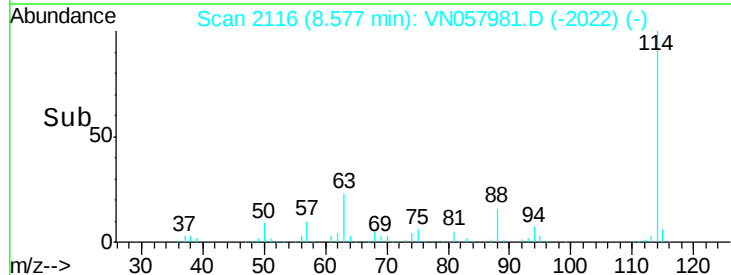
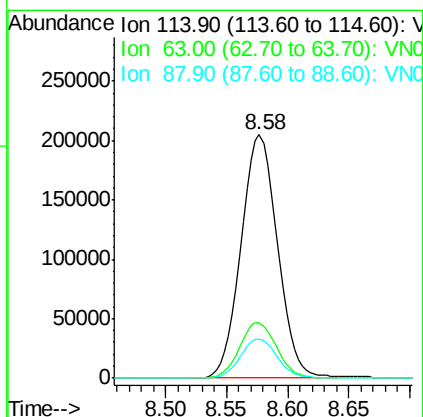
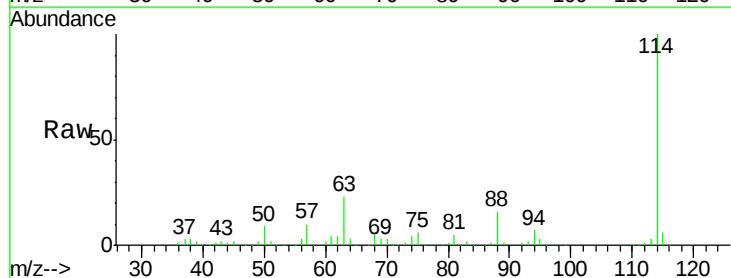
Instrument :
 MSVOA_N
 ClientSampleId :
 T11-E3-(4)

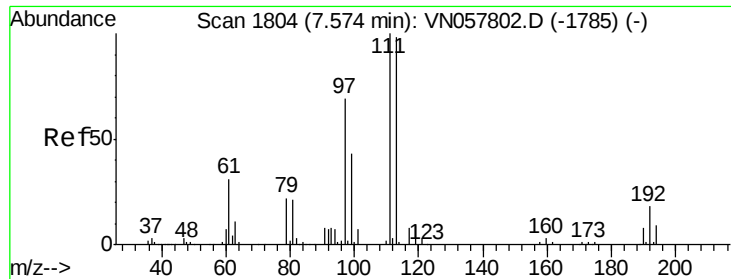
Tot Ion: 65 Resp: 318434
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057981.D
 Acq: 12 Sep 2019 20:05

Tgt Ion: 114 Resp: 423882
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 44.0
 88 16.0 0.0 31.4

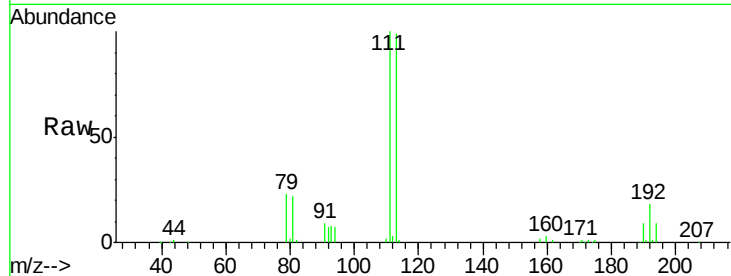




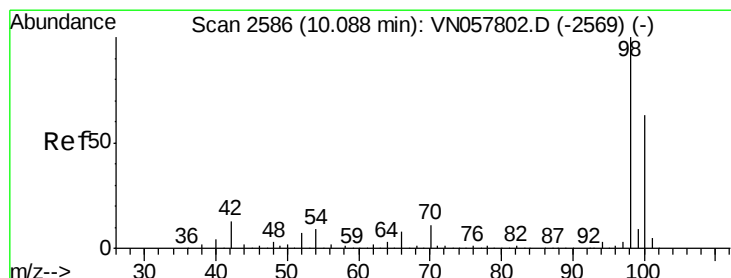
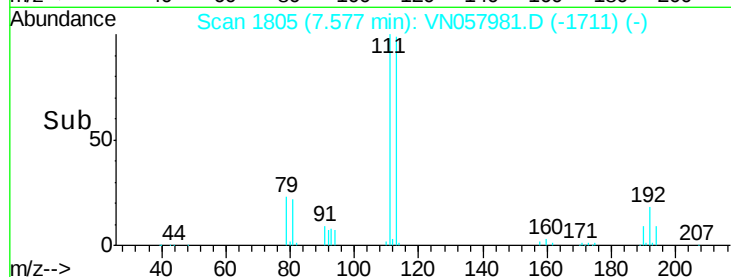
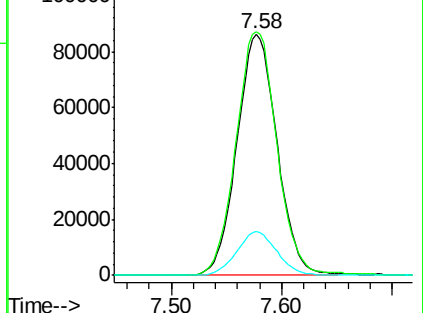
#35
 Dibromofluoromethane
 Concen: 55.381 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057981.D
 Acq: 12 Sep 2019 20:05

Instrument :
 MSVOA_N
 ClientSampled :
 T11-E3-(4)

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.3	121.9
192	18.2	14.6	22.0

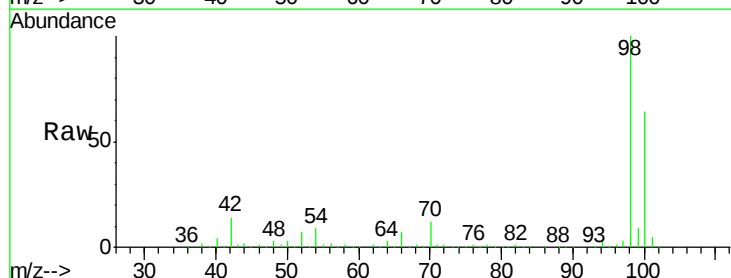


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

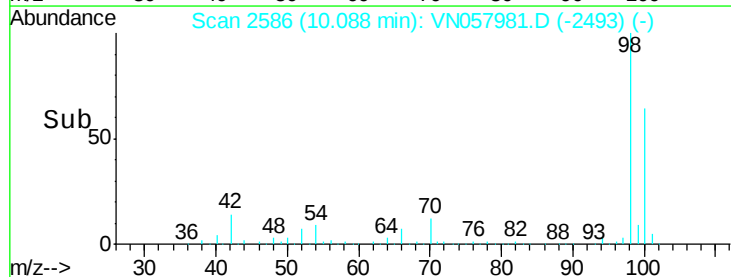
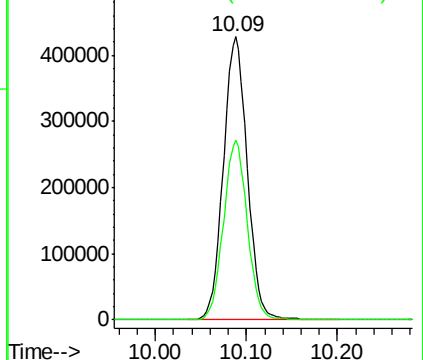


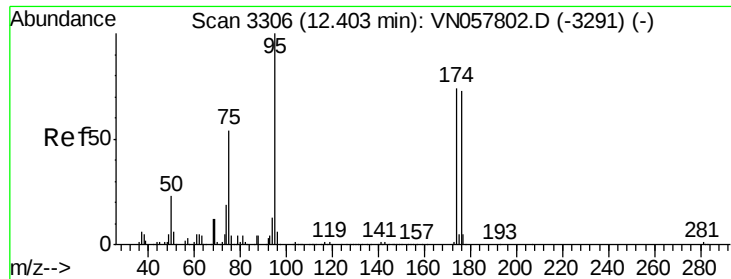
#50
 Toluene-d8
 Concen: 51.447 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: VN057981.D
 Acq: 12 Sep 2019 20:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.3	75.5



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 44.811 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN057981.D

Acq: 12 Sep 2019 20:05

Instrument :

MSVOA_N

ClientSampleId :

T11-E3-(4)

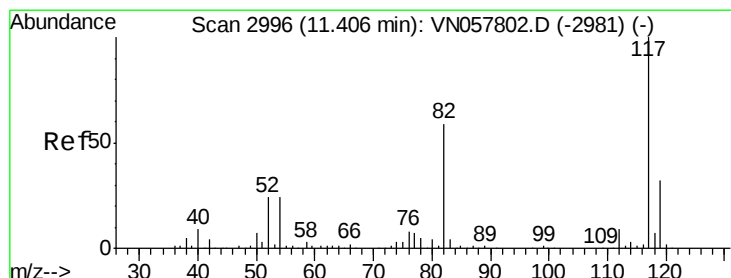
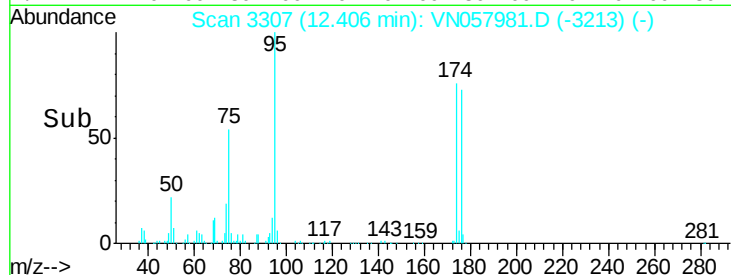
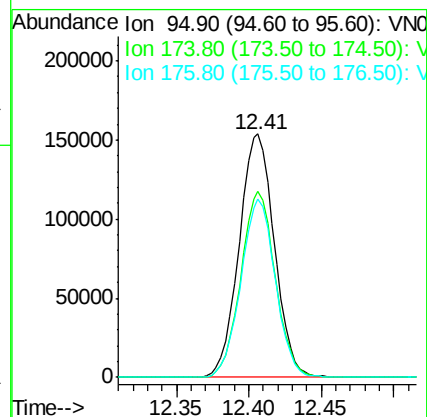
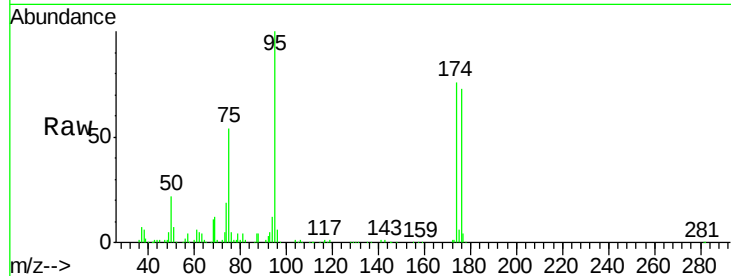
Tot Ion: 95 Resp: 259388

Ion Ratio Lower Upper

95 100

174 74.9 0.0 150.2

176 71.6 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057981.D

Acq: 12 Sep 2019 20:05

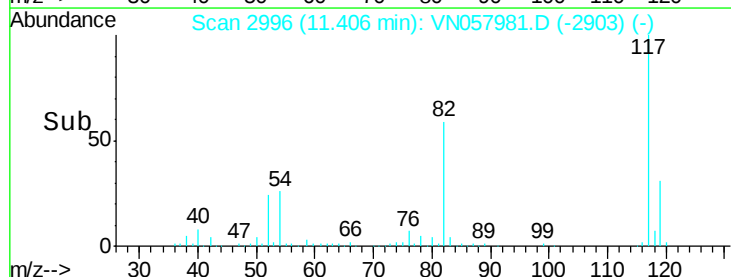
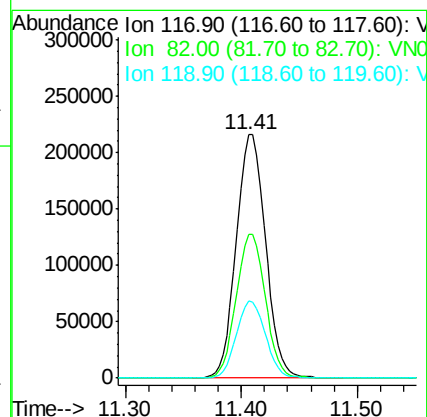
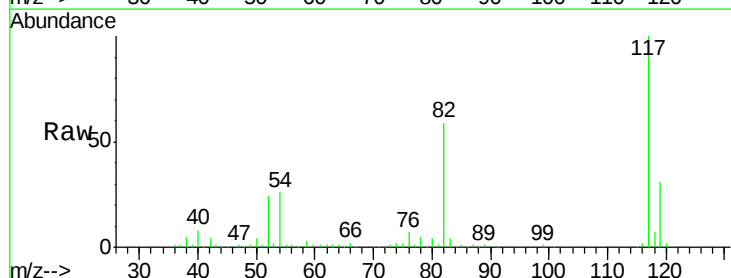
Tgt Ion: 117 Resp: 379812

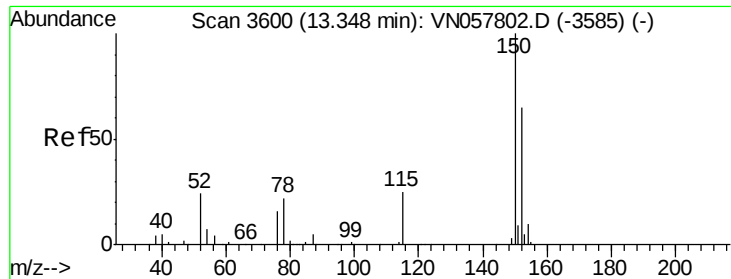
Ion Ratio Lower Upper

117 100

82 59.2 47.2 70.8

119 31.5 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057981.D

Acq: 12 Sep 2019 20:05

Instrument :

MSVOA_N

ClientSampleId :

T11-E3-(4)

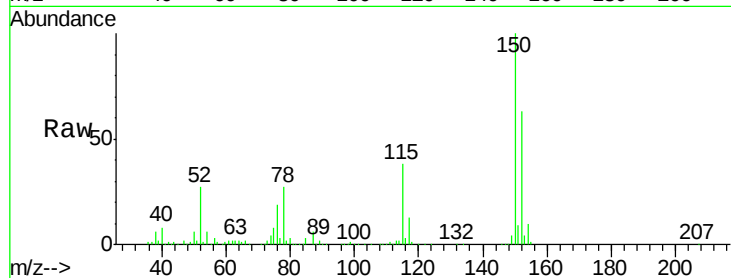
Tot Ion:152 Resp: 188819

Ion Ratio Lower Upper

152 100

115 59.9 30.3 91.0

150 158.3 0.0 352.4



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

