

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090219\
 Data File : VN057646.D
 Acq On : 1 Sep 2019 16:03
 Operator : JC/SP
 Sample : K4527-39
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Sep 02 02:35:08 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

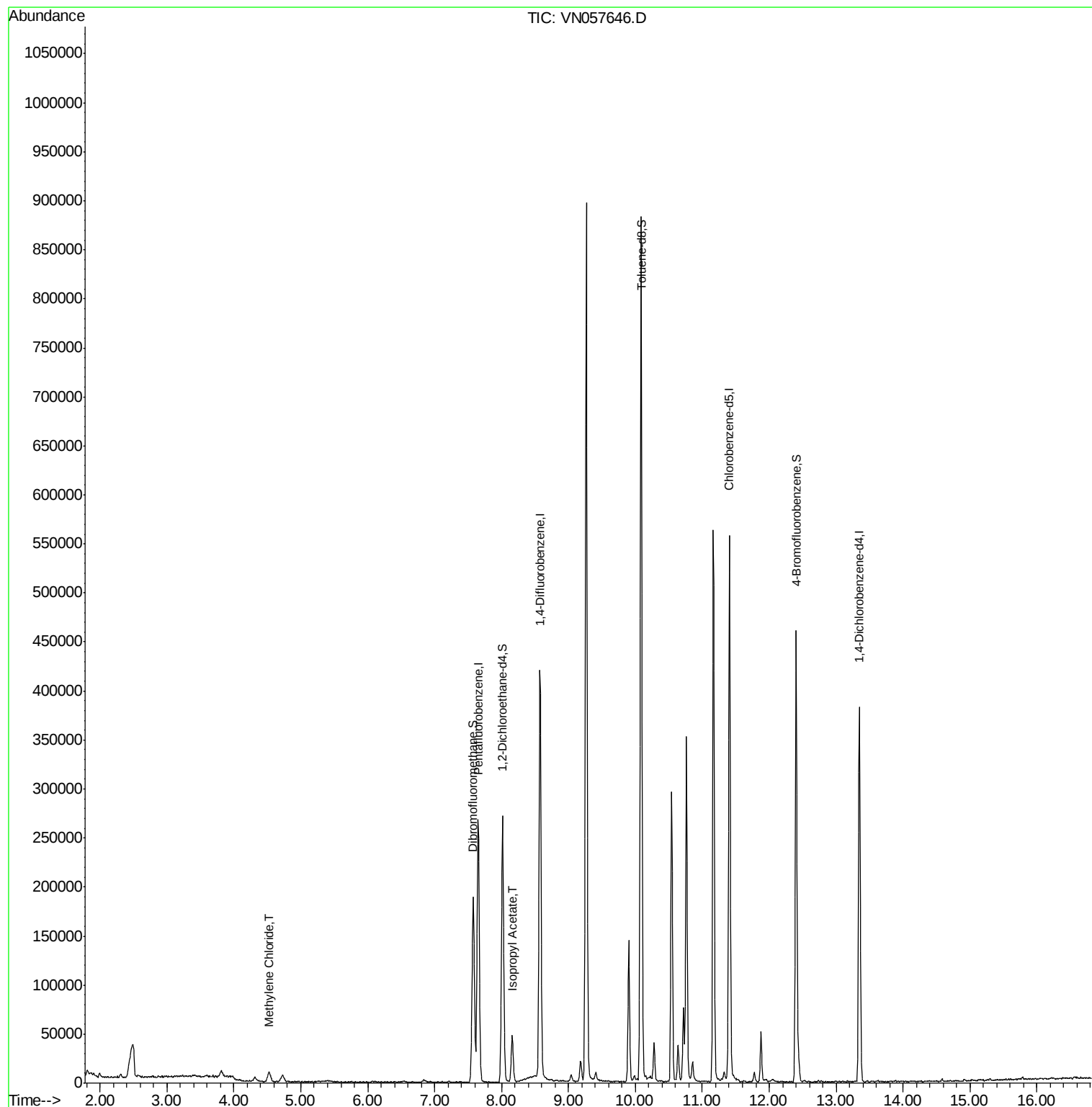
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	186580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	322922	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	281609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	97137	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	225963	53.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.22%	
35) Dibromofluoromethane	7.57	113	136408	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
50) Toluene-d8	10.08	98	550710	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.40	95	161051	39.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.24%	
Target Compounds						
20) Methylene Chloride	4.52	84	6584	2.251	ug/l #	94
43) Isopropyl Acetate	8.16	43	56379	7.684	ug/l	99

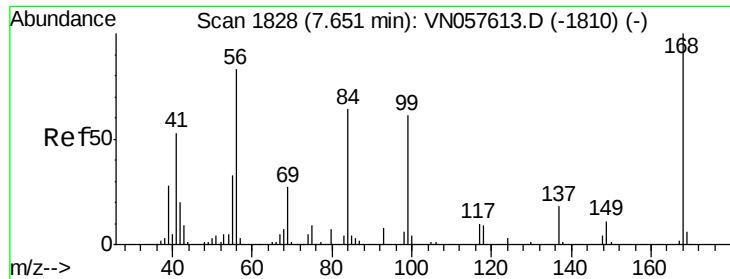
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057646.D

Acq: 1 Sep 2019 16:03

Instrument :

MSVOA_N

ClientSampleId :

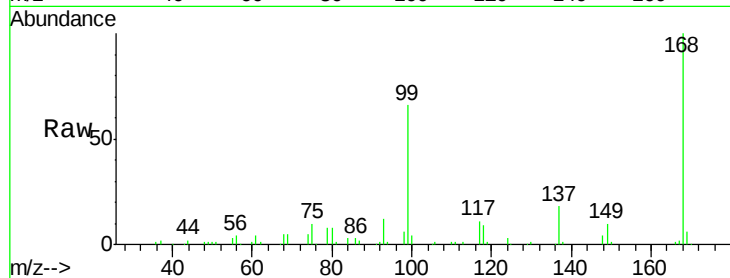
T9-12-13-P-(1.9)

Tot Ion:168 Resp: 186580

Ion Ratio Lower Upper

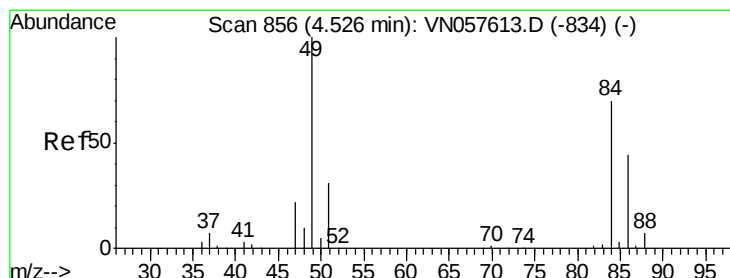
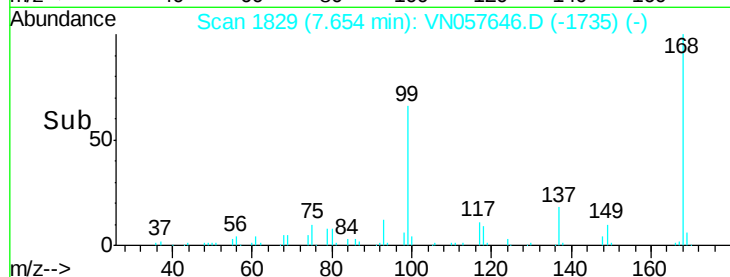
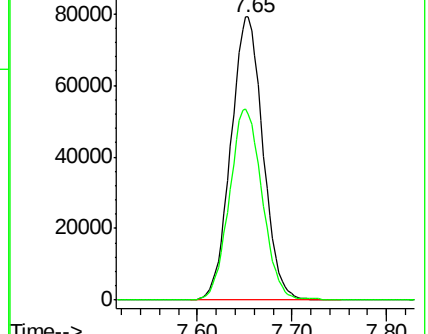
168 100

99 65.9 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 2.251 ug/l

RT: 4.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: VN057646.D

Acq: 1 Sep 2019 16:03

Tgt Ion: 84 Resp: 6584

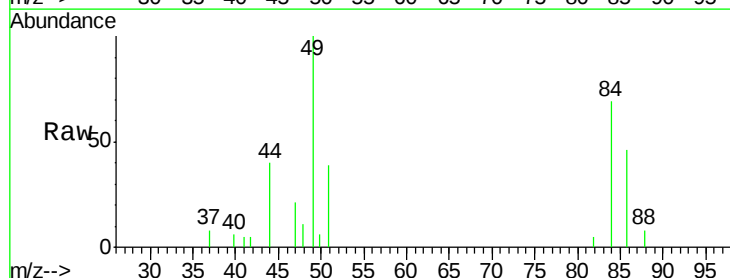
Ion Ratio Lower Upper

84 100

49 145.0 113.8 170.6

51 56.7 35.0 52.6#

86 66.7 50.6 75.8

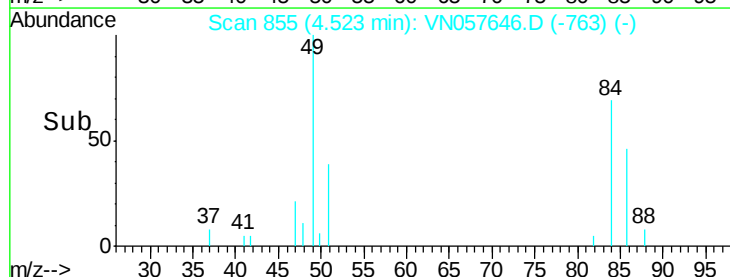
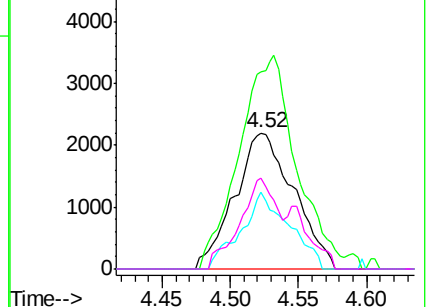


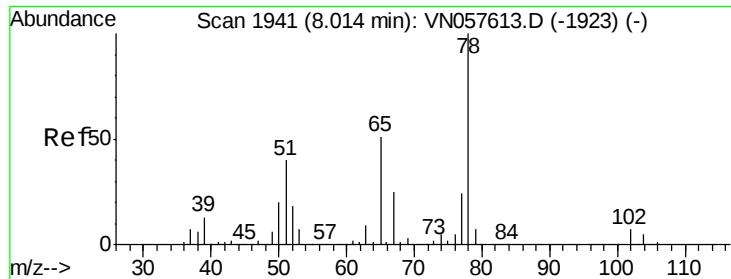
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

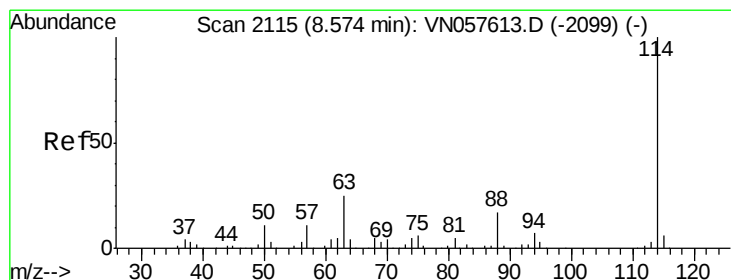
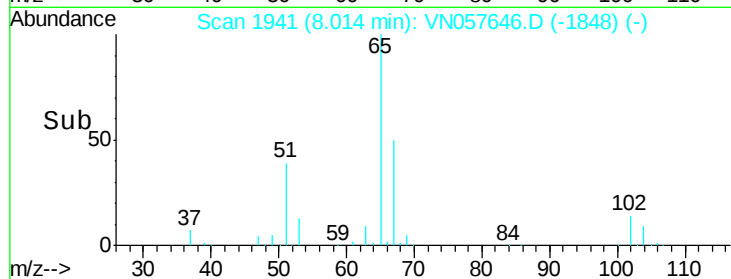
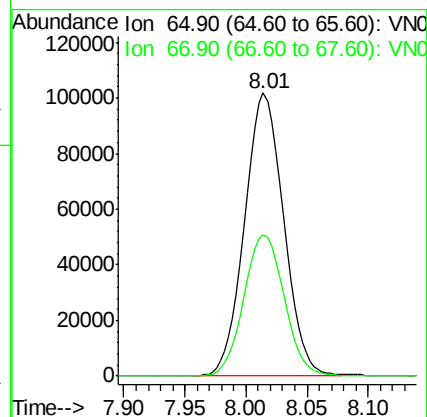
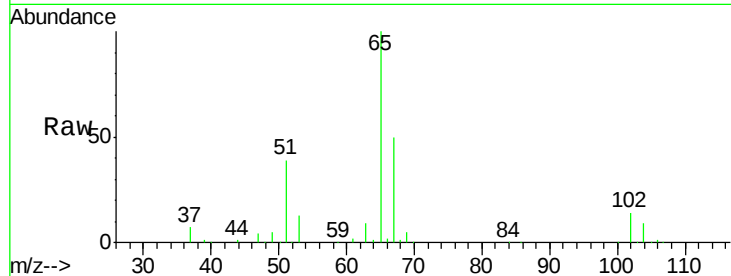




#33
 1,2-Dichloroethane-d4
 Concen: 53.612 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057646.D
 Acq: 1 Sep 2019 16:03

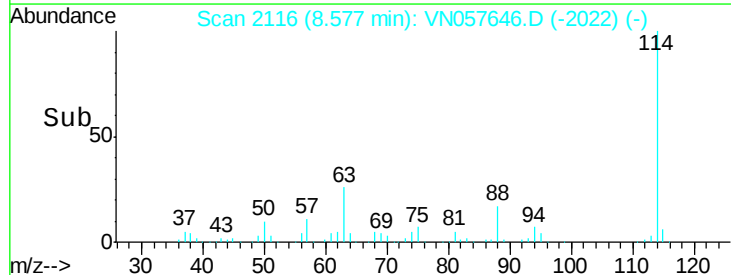
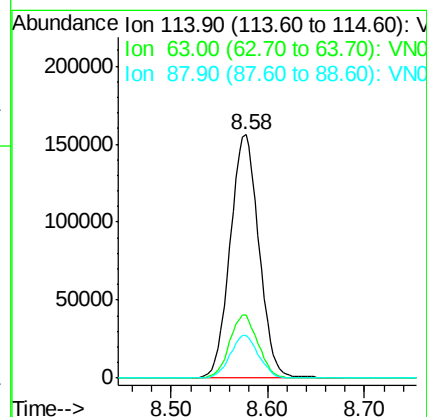
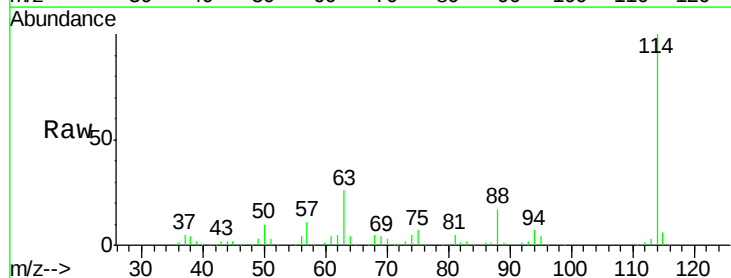
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-P-(1.9)

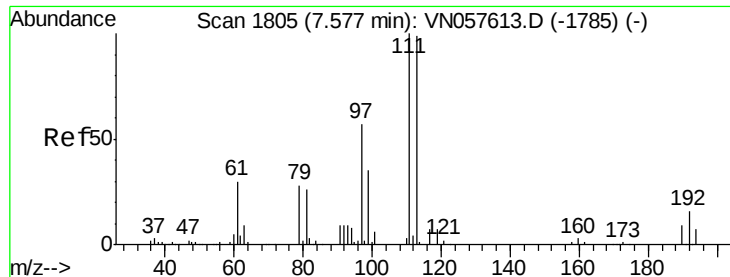
Tot Ion: 65 Resp: 225963
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057646.D
 Acq: 1 Sep 2019 16:03

Tgt Ion: 114 Resp: 322922
 Ion Ratio Lower Upper
 114 100
 63 25.7 0.0 49.0
 88 17.4 0.0 33.0

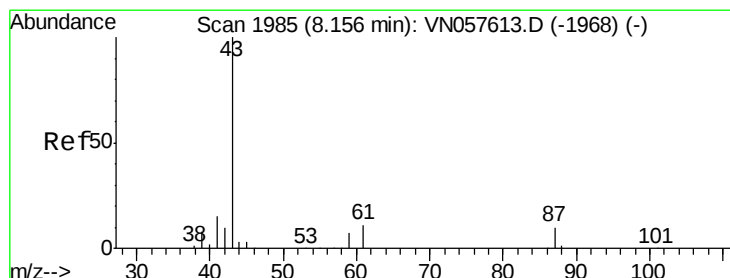
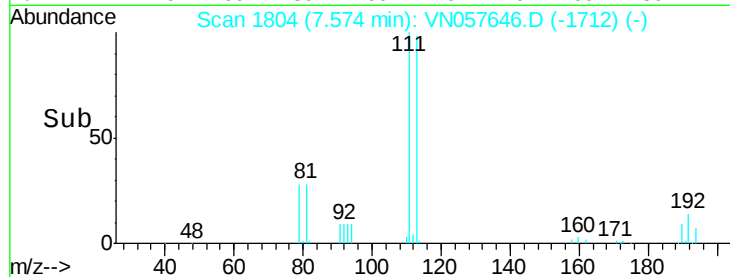
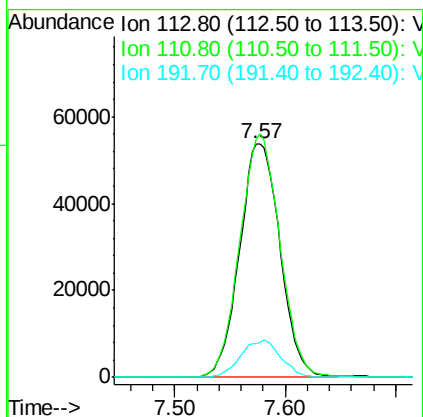
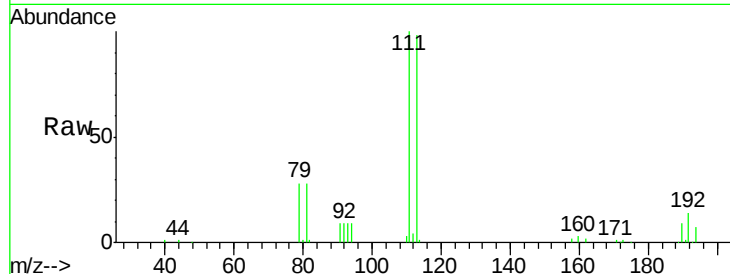




#35
 Dibromofluoromethane
 Concen: 48.371 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN057646.D
 Acq: 1 Sep 2019 16:03

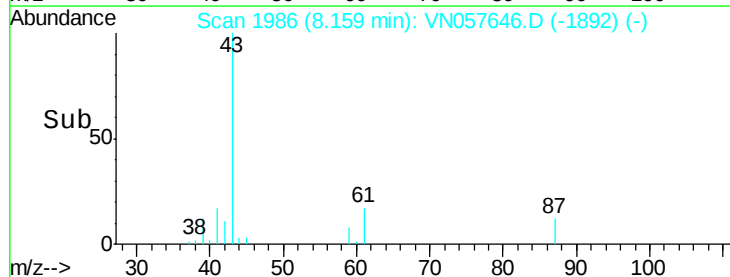
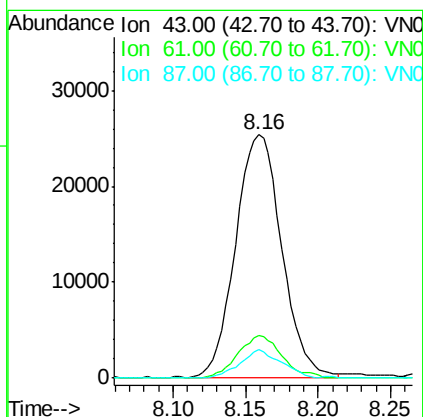
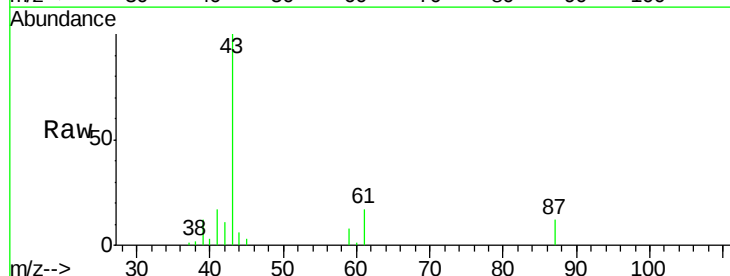
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-P-(1.9)

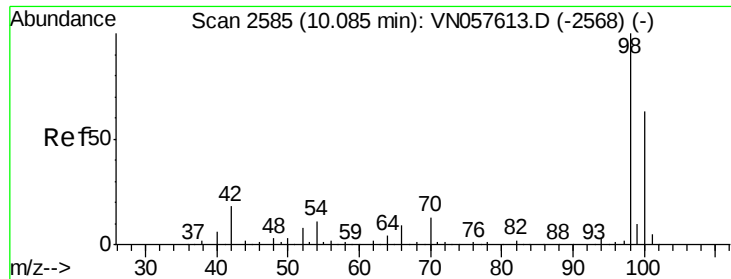
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.3	121.9
192	15.9	13.5	20.3



#43
 Isopropyl Acetate
 Concen: 7.684 ug/l
 RT: 8.16 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VN057646.D
 Acq: 1 Sep 2019 16:03

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.6	13.1	19.7
87	10.4	8.1	12.1

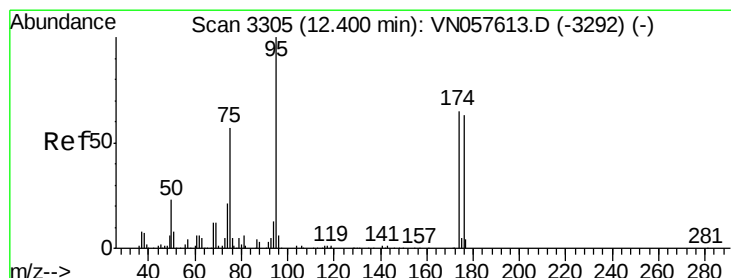
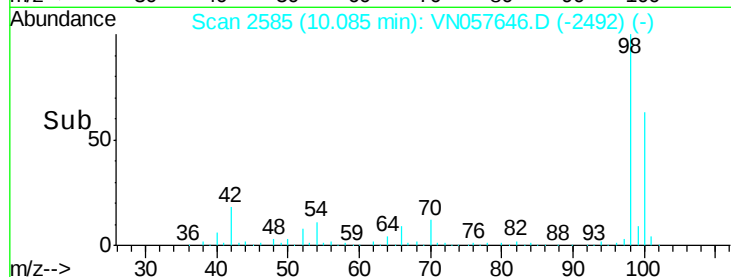
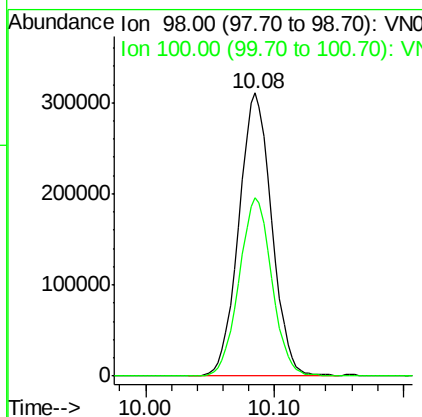
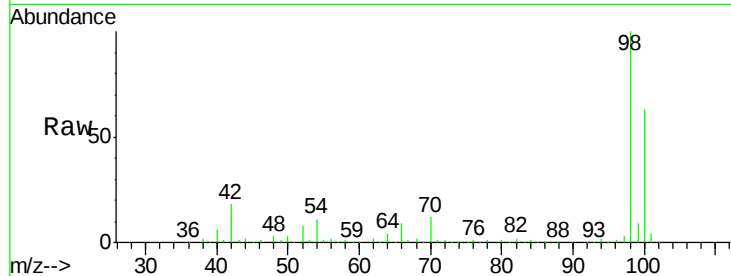




#50
Toluene-d8
Concen: 50.866 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN057646.D
Acq: 1 Sep 2019 16:03

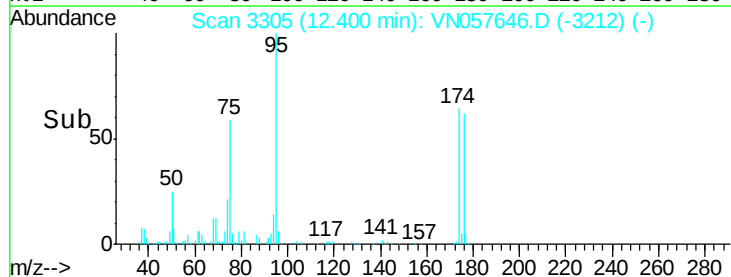
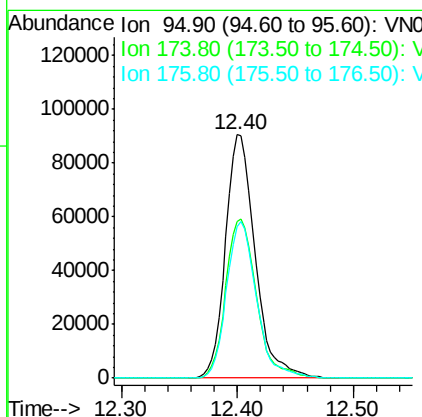
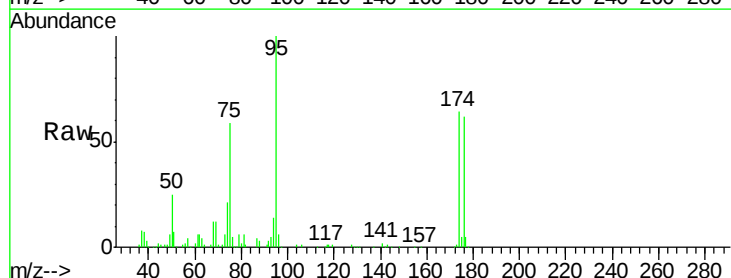
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-P-(1.9)

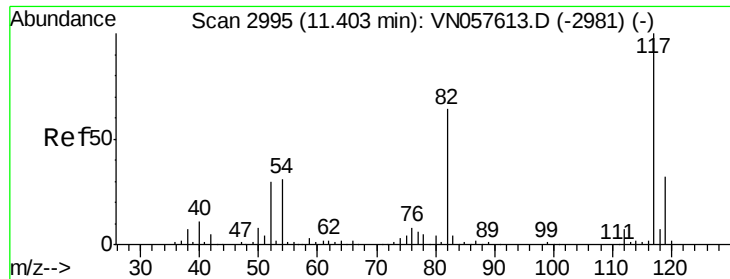
Tot Ion: 98 Resp: 550710
Ion Ratio Lower Upper
98 100
100 63.0 49.8 74.8



#62
4-Bromofluorobenzene
Concen: 39.119 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN057646.D
Acq: 1 Sep 2019 16:03

Tgt Ion: 95 Resp: 161051
Ion Ratio Lower Upper
95 100
174 67.5 0.0 134.8
176 64.7 0.0 131.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057646.D

Acq: 1 Sep 2019 16:03

Instrument :

MSVOA_N

ClientSampled :

T9-12-13-P-(1.9)

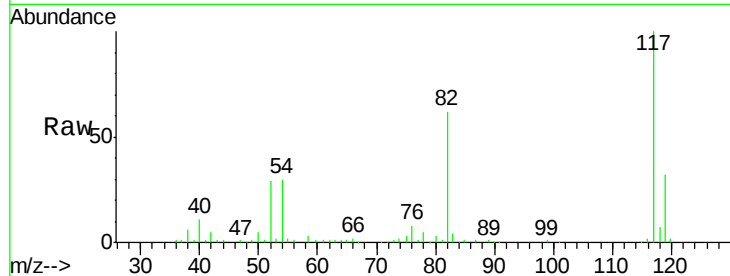
Tot Ion:117 Resp: 281609

Ion Ratio Lower Upper

117 100

82 62.2 51.6 77.4

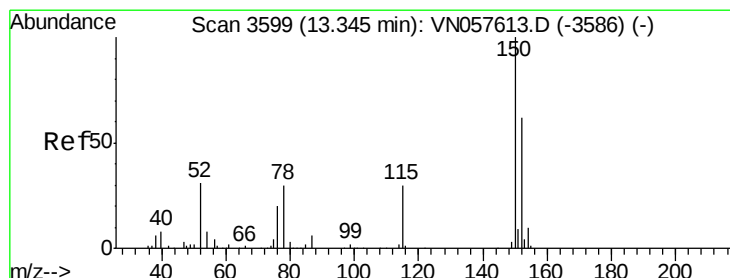
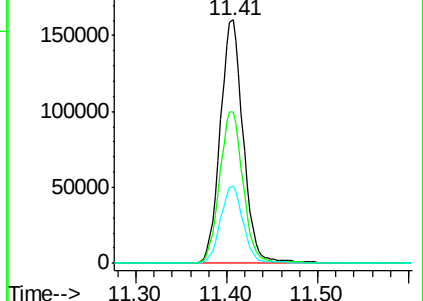
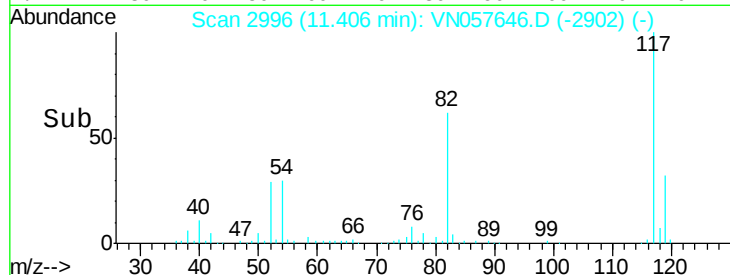
119 31.7 25.8 38.6



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057646.D

Acq: 1 Sep 2019 16:03

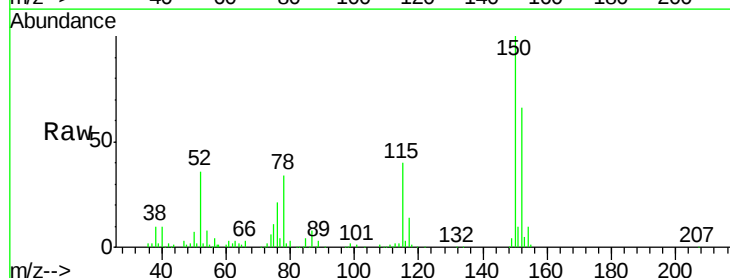
Tgt Ion:152 Resp: 97137

Ion Ratio Lower Upper

152 100

115 61.9 33.2 99.6

150 151.1 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

