

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083119\
 Data File : VN057599.D
 Acq On : 30 Aug 2019 20:03
 Operator : JC/SP
 Sample : K4517-22
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S-A2-(2.5)

Quant Time: Aug 31 01:19:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 11:59:03 2019
 Response via : Initial Calibration

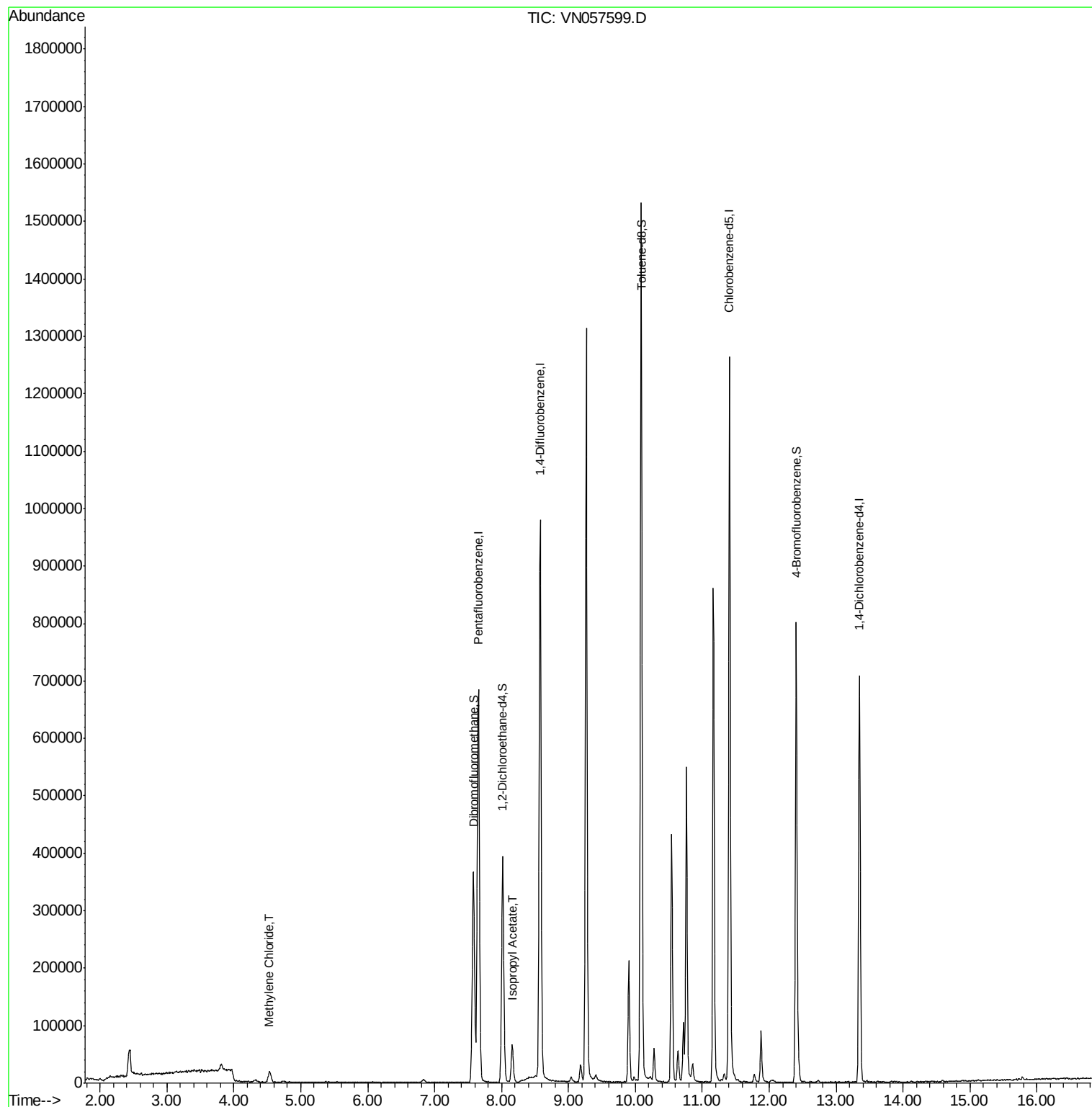
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	567732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	885682	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	764863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	203303	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	340767	36.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.34%	
35) Dibromofluoromethane	7.58	113	261185	32.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.98%	
50) Toluene-d8	10.09	98	1079704	38.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.12%	
62) 4-Bromofluorobenzene	12.40	95	287143	30.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.10%	
Target Compounds						
20) Methylene Chloride	4.53	84	13515	1.942	ug/l #	76
43) Isopropyl Acetate	8.16	43	76733	6.476	ug/l #	94

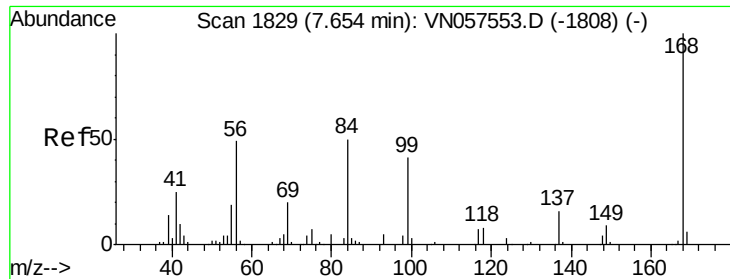
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 30 11:59:03 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: VN057599.D

Acq: 30 Aug 2019 20:03

Instrument :

MSVOA_N

ClientSampled :

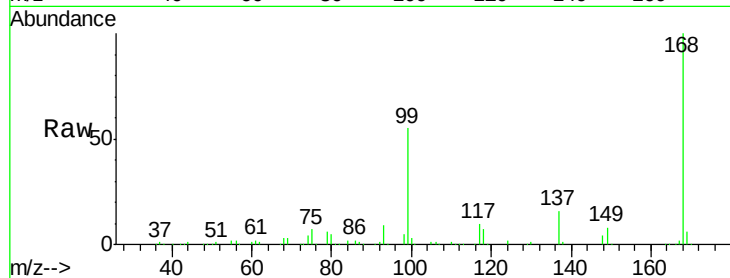
T2-S-A2-(2.5)

Tot Ion:168 Resp: 567732

Ion Ratio Lower Upper

168 100

99 55.2 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

250000

200000

150000

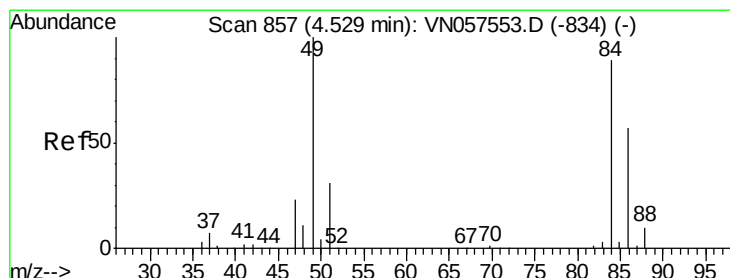
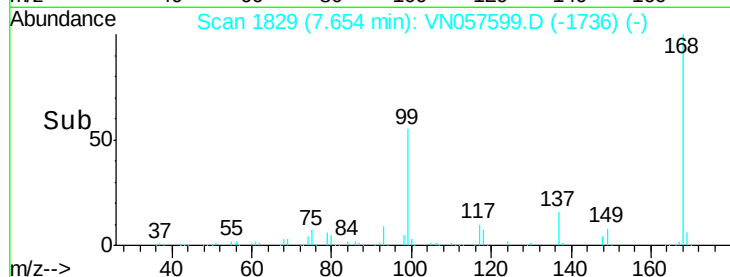
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#20

Methylene Chloride

Concen: 1.942 ug/l

RT: 4.53 min Scan# 856

Delta R.T. -0.00 min

Lab File: VN057599.D

Acq: 30 Aug 2019 20:03

Tgt Ion: 84 Resp: 13515

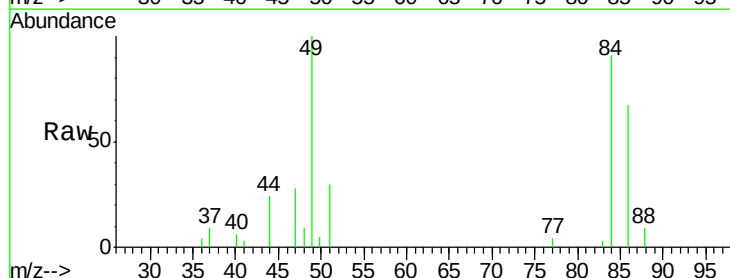
Ion Ratio Lower Upper

84 100

49 110.2 117.0 175.4#

51 32.7 35.5 53.3#

86 73.9 49.8 74.8



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

8000

6000

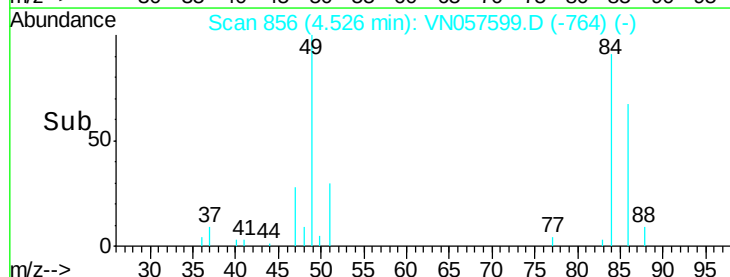
4000

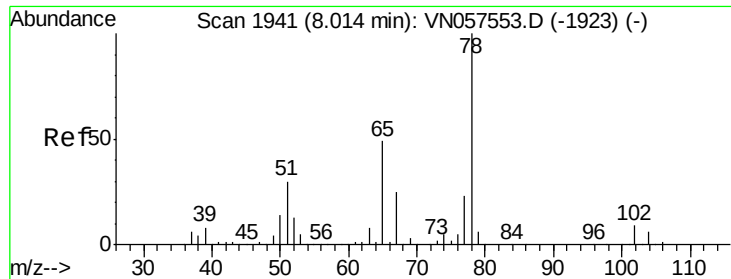
2000

0

4.45 4.50 4.55 4.60

Time-->

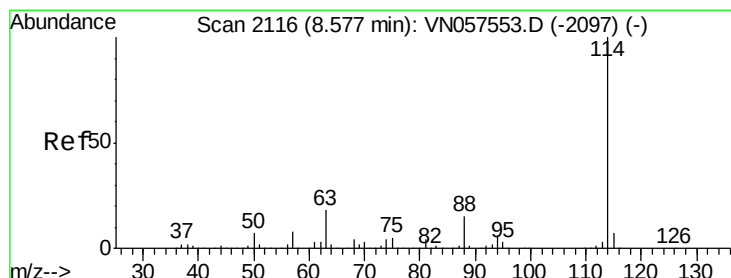
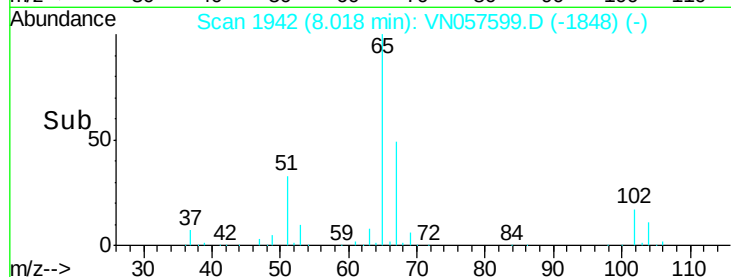
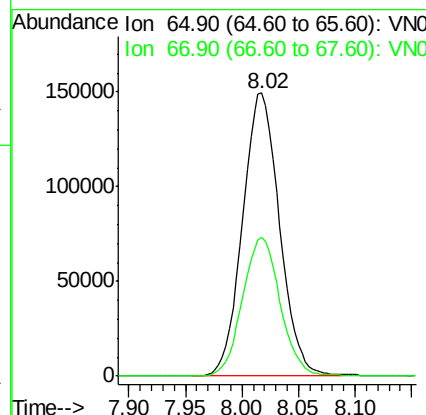
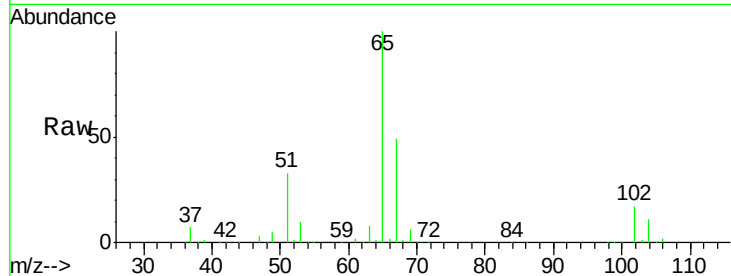




#33
 1,2-Dichloroethane-d4
 Concen: 36.672 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VN057599.D
 Acq: 30 Aug 2019 20:03

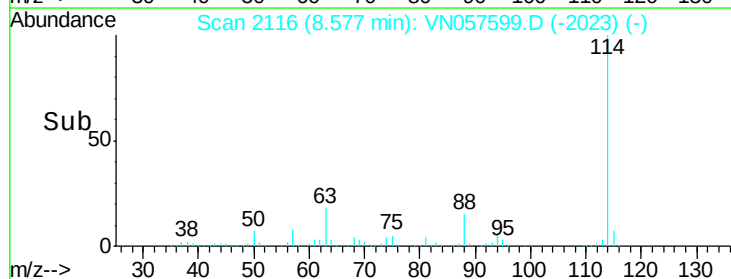
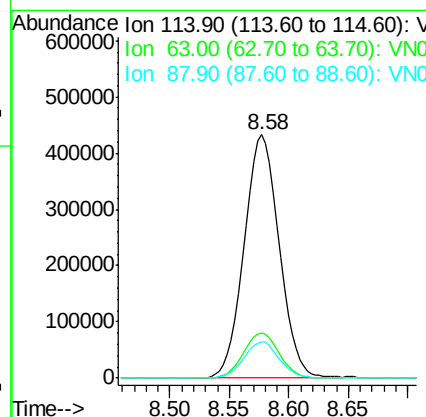
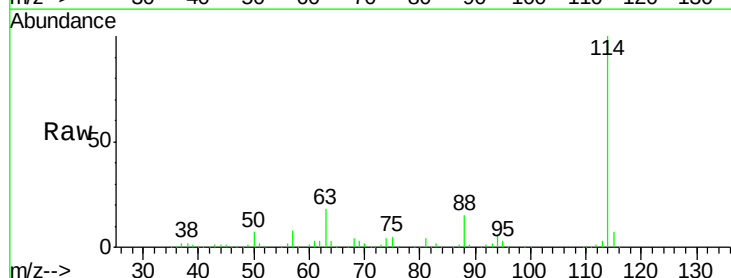
Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S-A2-(2.5)

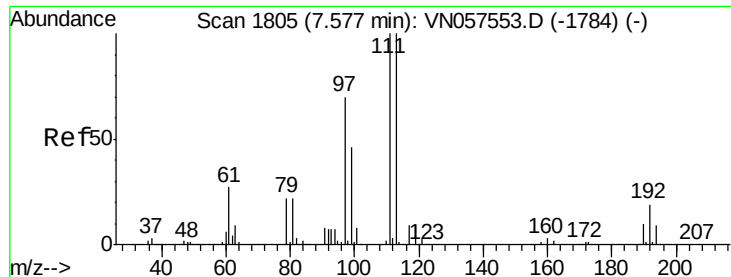
Tot Ion: 65 Resp: 340767
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057599.D
 Acq: 30 Aug 2019 20:03

Tgt Ion: 114 Resp: 885682
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 50.2
 88 14.9 0.0 34.6

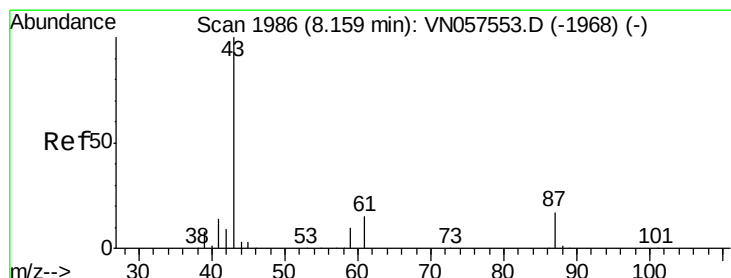
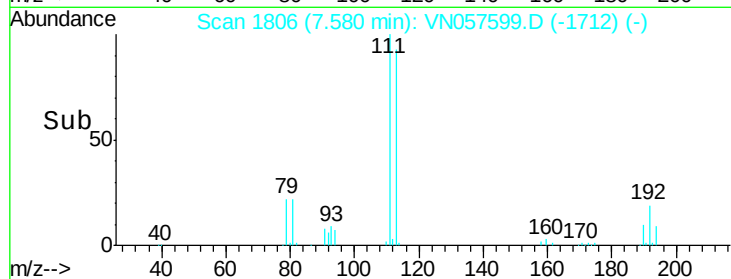
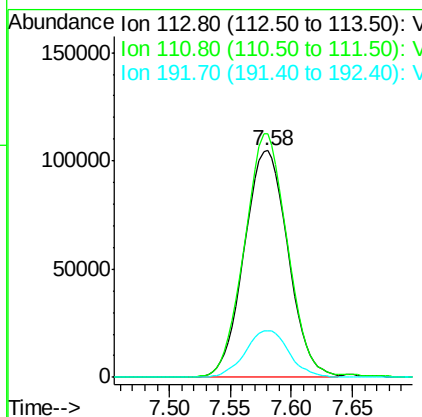
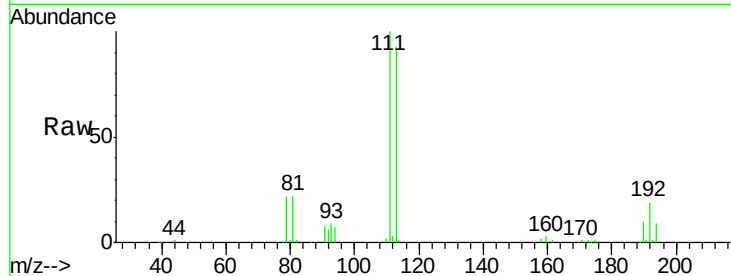




#35
 Dibromofluoromethane
 Concen: 32.994 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: VN057599.D
 Acq: 30 Aug 2019 20:03

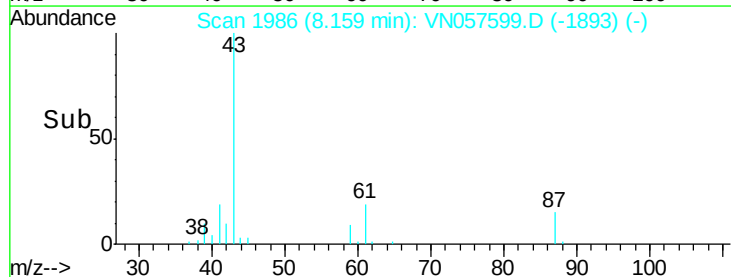
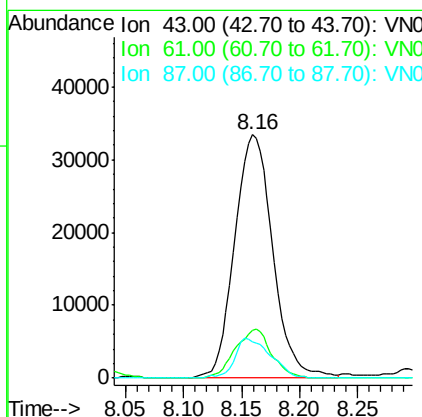
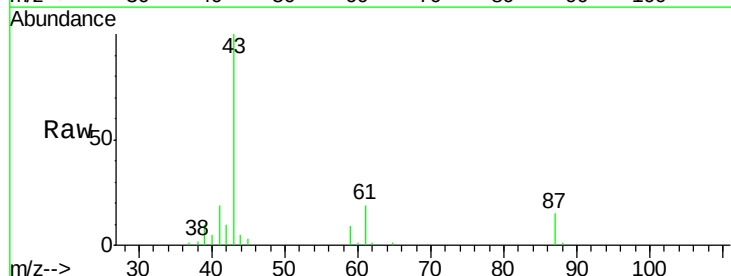
Instrument :
 MSVOA_N
 ClientSampled :
 T2-S-A2-(2.5)

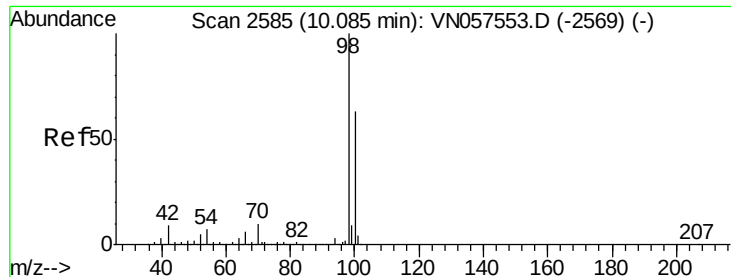
Tot Ion	Ratio	Lower	Upper
113	100		
111	105.4	83.8	125.6
192	20.6	13.5	20.3



#43
 Isopropyl Acetate
 Concen: 6.476 ug/l
 RT: 8.16 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VN057599.D
 Acq: 30 Aug 2019 20:03

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.1	14.5	21.7
87	15.2	8.6	12.8

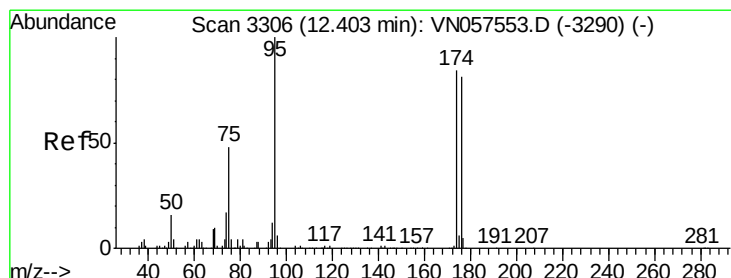
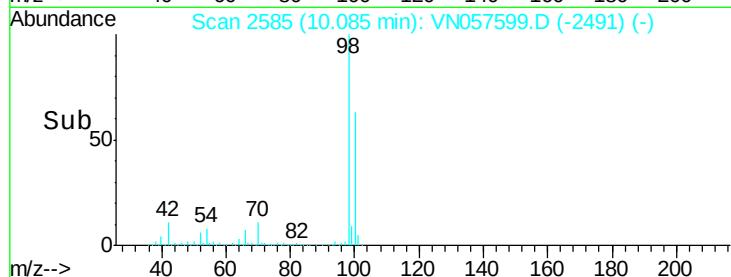
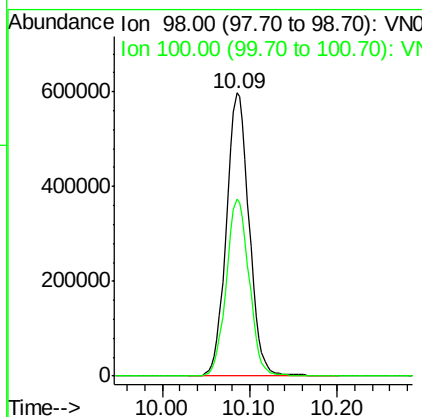
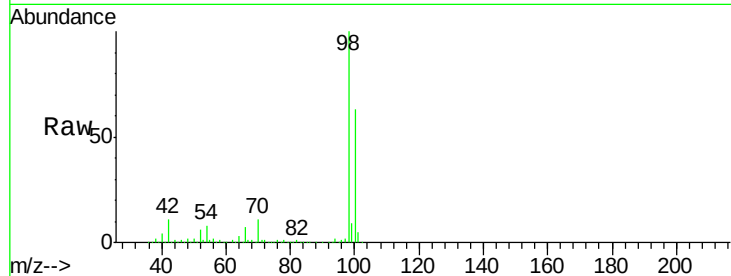




#50
Toluene-d8
Concen: 38.559 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN057599.D
Acq: 30 Aug 2019 20:03

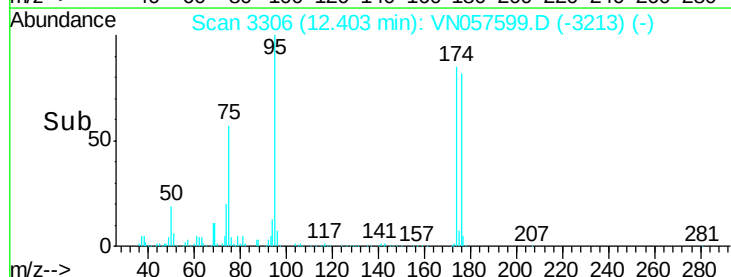
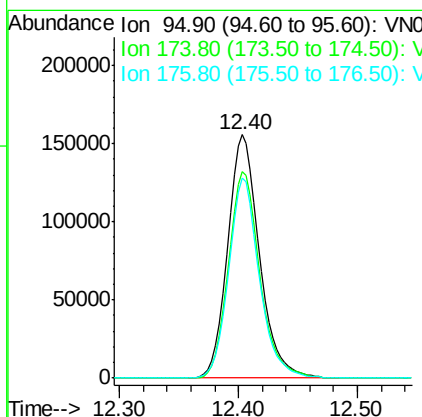
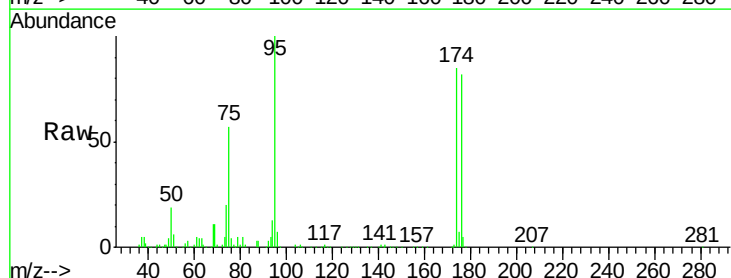
Instrument :
MSVOA_N
ClientSampleId :
T2-S-A2-(2.5)

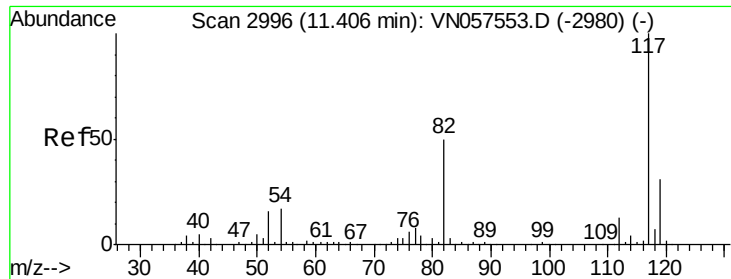
Tot Ion: 98 Resp: 1079704
Ion Ratio Lower Upper
98 100
100 62.6 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 30.549 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057599.D
Acq: 30 Aug 2019 20:03

Tgt Ion: 95 Resp: 287143
Ion Ratio Lower Upper
95 100
174 84.2 0.0 133.0
176 79.6 0.0 130.8

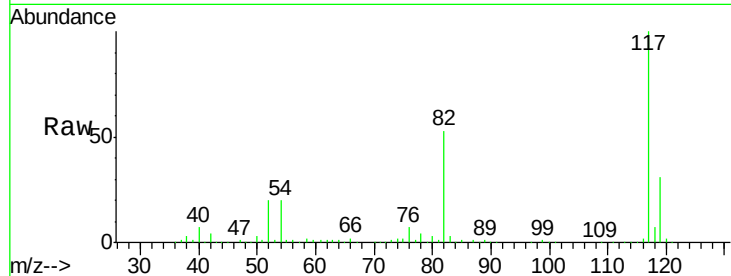




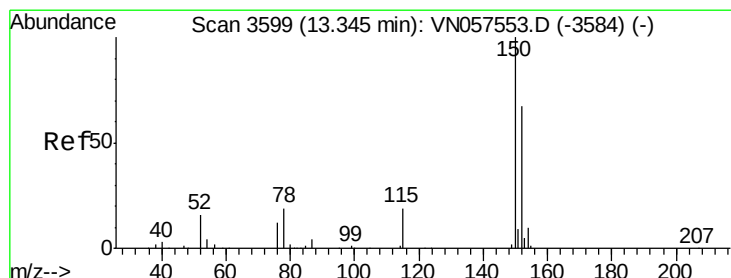
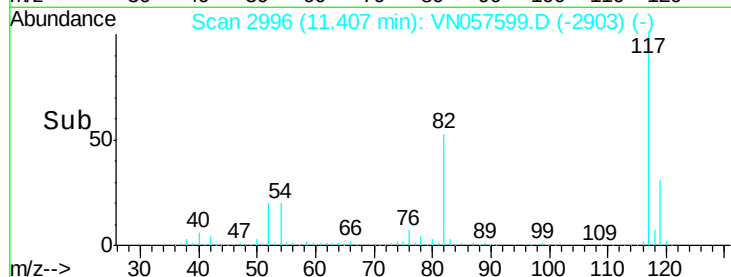
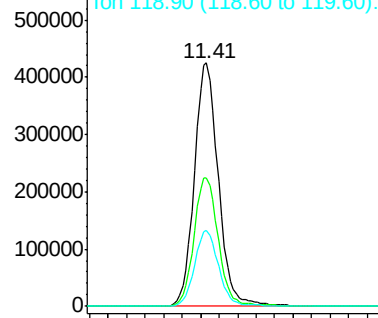
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN057599.D
 Acq: 30 Aug 2019 20:03

Instrument :
 MSVOA_N
 ClientSampled :
 T2-S-A2-(2.5)

Tot Ion:117 Resp: 764863
 Ion Ratio Lower Upper
 117 100
 82 52.9 50.6 75.8
 119 31.0 24.6 36.8

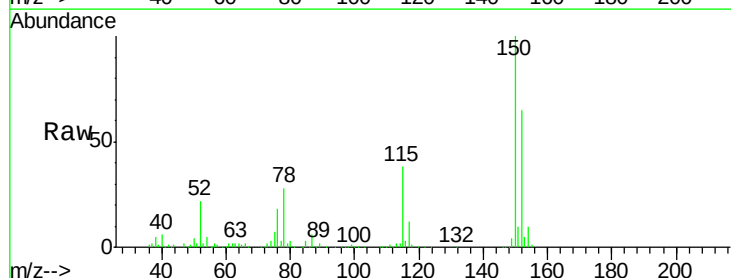


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3600
 Delta R.T. 0.00 min
 Lab File: VN057599.D
 Acq: 30 Aug 2019 20:03

Tgt Ion:152 Resp: 203303
 Ion Ratio Lower Upper
 152 100
 115 58.1 32.0 96.0
 150 153.7 0.0 346.6



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

