

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083119\
 Data File : VN057603.D
 Acq On : 30 Aug 2019 21:44
 Operator : JC/SP
 Sample : K4517-27
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T4-S-D2-(2.5)

Quant Time: Aug 31 01:32:03 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

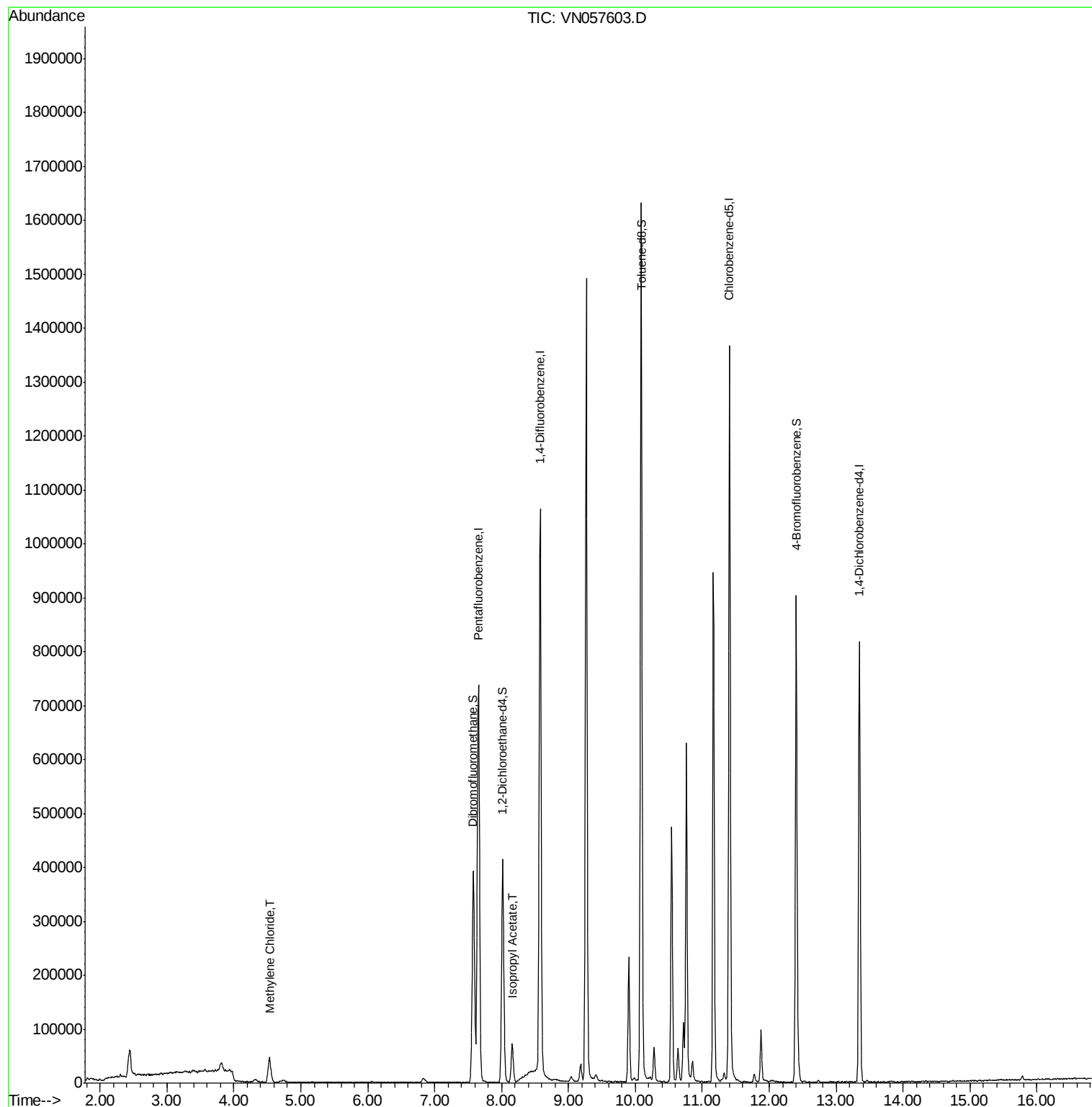
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	607640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	936638	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	818966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	230753	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	365226	36.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.44%	
35) Dibromofluoromethane	7.58	113	284228	33.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.90%	
50) Toluene-d8	10.08	98	1133814	38.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.58%	
62) 4-Bromofluorobenzene	12.40	95	320826	32.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.56%	
Target Compounds						
20) Methylene Chloride	4.53	84	31897	4.283	ug/l #	80
43) Isopropyl Acetate	8.16	43	85993	6.863	ug/l #	95

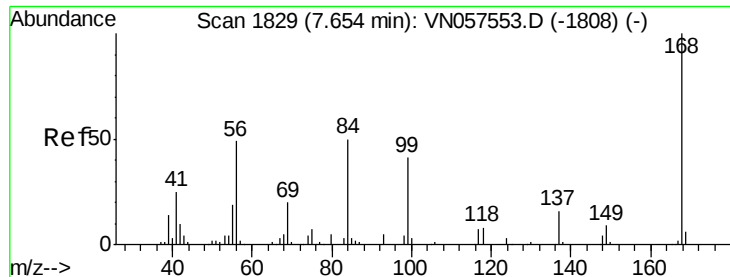
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN057603.D

Acq: 30 Aug 2019 21:44

Instrument :

MSVOA_N

ClientSampleId :

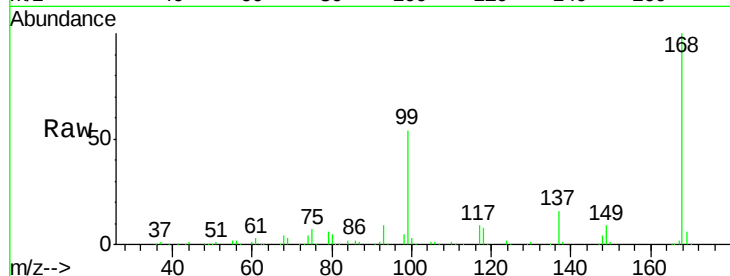
T4-S-D2-(2.5)

Tot Ion:168 Resp: 607640

Ion Ratio Lower Upper

168 100

99 54.4 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

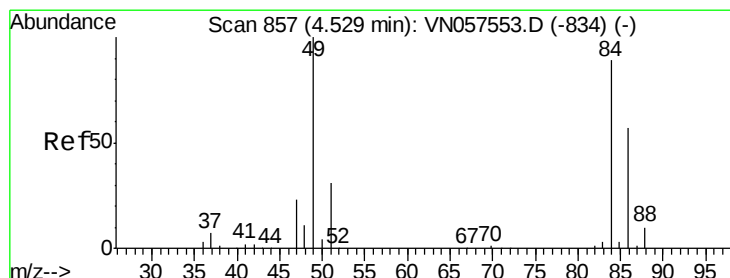
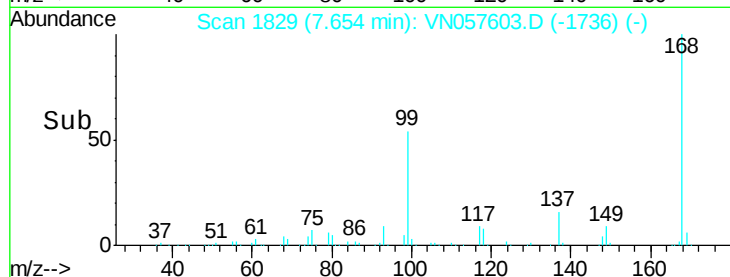
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 4.283 ug/l

RT: 4.53 min Scan# 858

Delta R.T. 0.00 min

Lab File: VN057603.D

Acq: 30 Aug 2019 21:44

Tgt Ion: 84 Resp: 31897

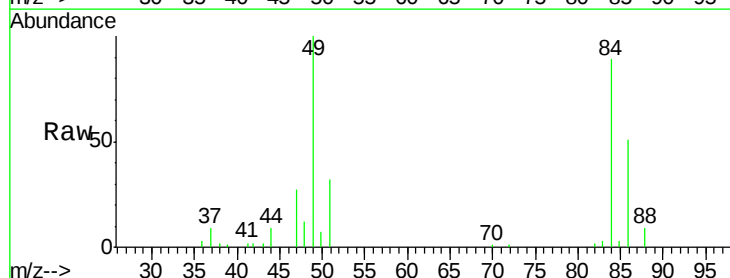
Ion Ratio Lower Upper

84 100

49 110.3 117.0 175.4#

51 36.2 35.5 53.3

86 57.0 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

20000

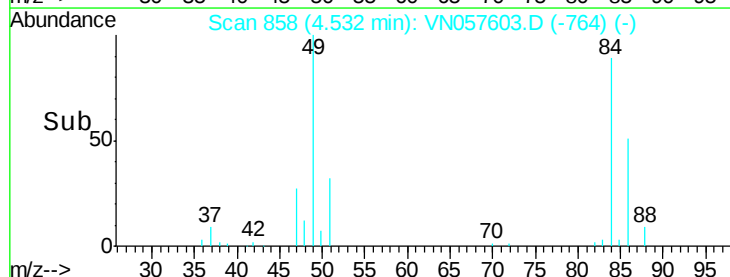
15000

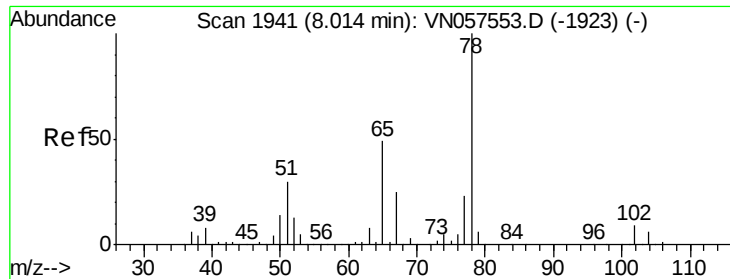
10000

5000

0

Time-->

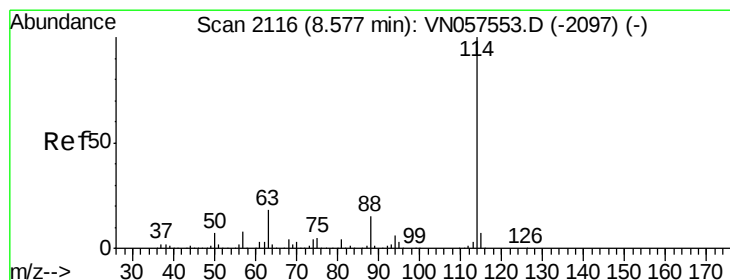
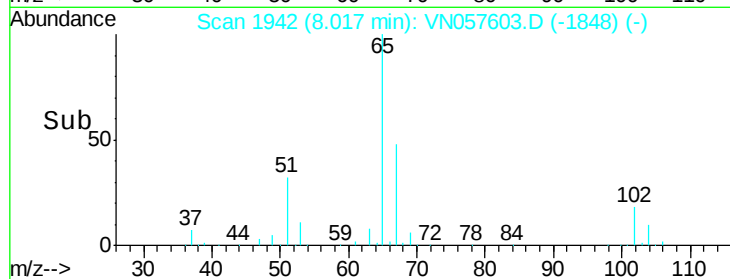
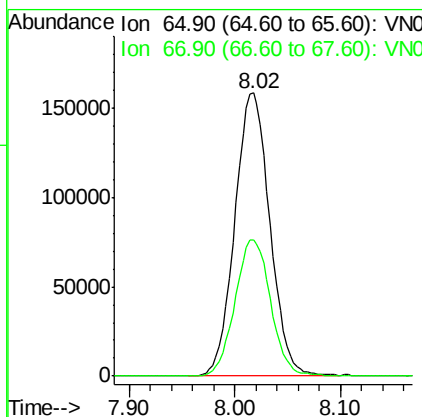
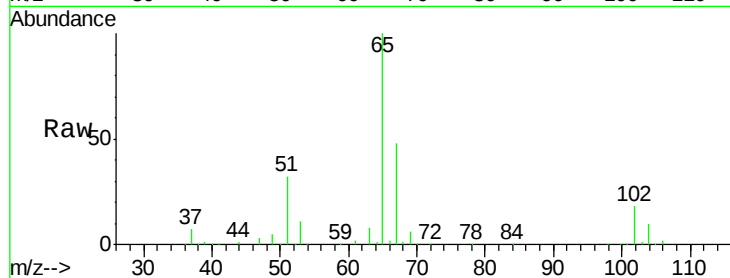




#33
 1,2-Dichloroethane-d4
 Concen: 36.723 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VN057603.D
 Acq: 30 Aug 2019 21:44

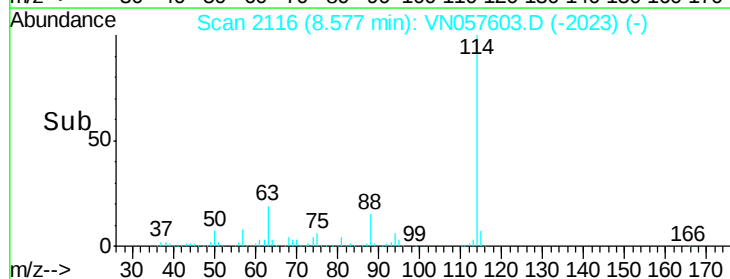
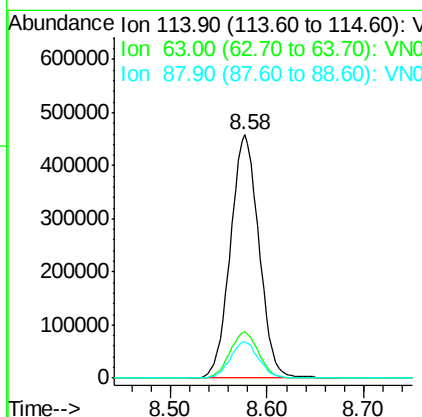
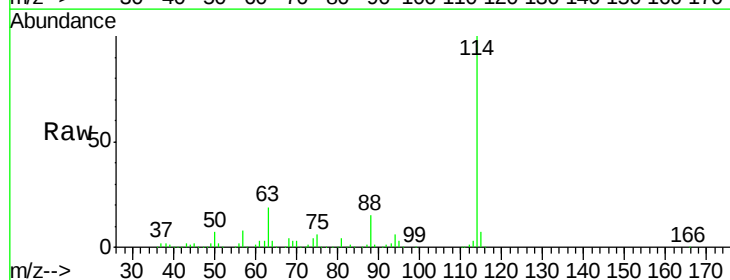
Instrument :
 MSVOA_N
 ClientSampleId :
 T4-S-D2-(2.5)

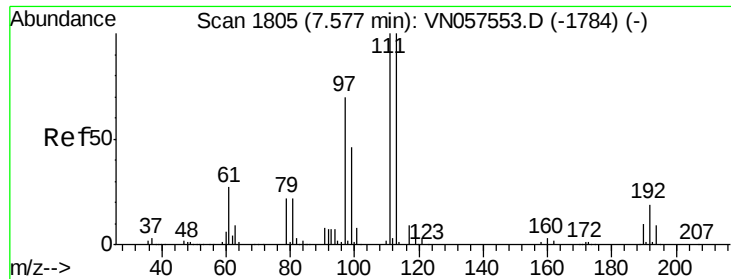
Tot Ion: 65 Resp: 365226
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. -0.00 min
 Lab File: VN057603.D
 Acq: 30 Aug 2019 21:44

Tgt Ion: 114 Resp: 936638
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 50.2
 88 15.1 0.0 34.6

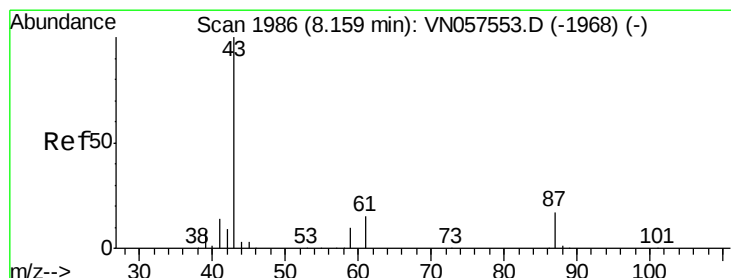
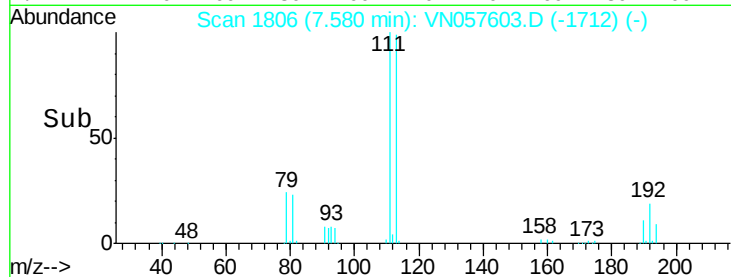
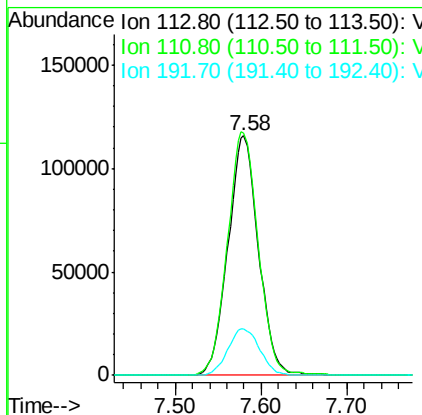
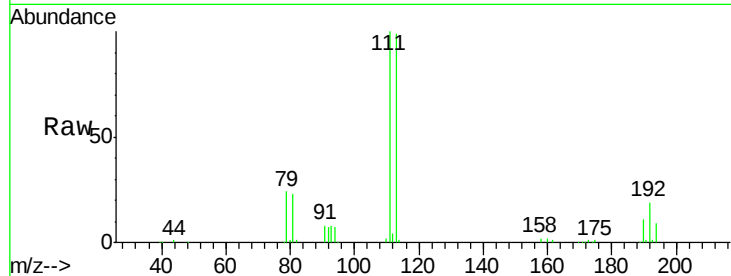




#35
 Dibromofluoromethane
 Concen: 33.951 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: VN057603.D
 Acq: 30 Aug 2019 21:44

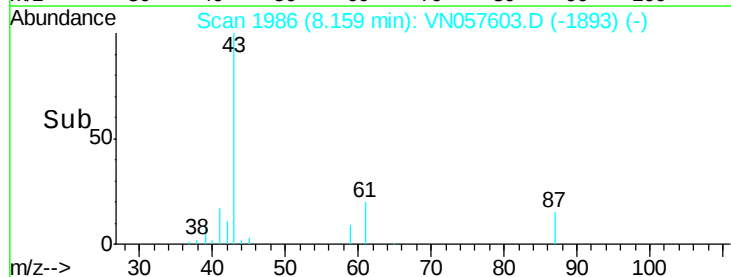
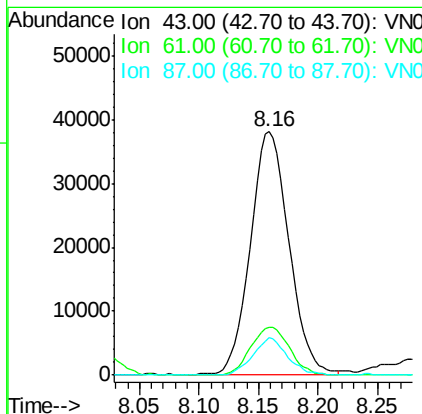
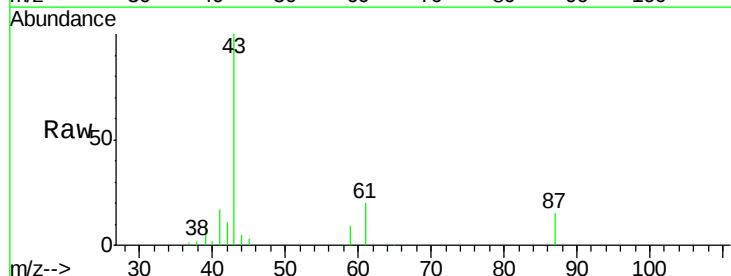
Instrument :
 MSVOA_N
 ClientSampleId :
 T4-S-D2-(2.5)

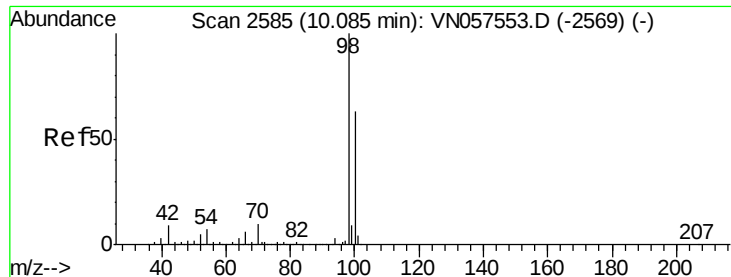
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.8	125.6
192	20.4	13.5	20.3#



#43
 Isopropyl Acetate
 Concen: 6.863 ug/l
 RT: 8.16 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VN057603.D
 Acq: 30 Aug 2019 21:44

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.5	14.5	21.7
87	13.5	8.6	12.8#





#50

Toluene-d8

Concen: 38.289 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057603.D

Acq: 30 Aug 2019 21:44

Instrument :

MSVOA_N

ClientSampleId :

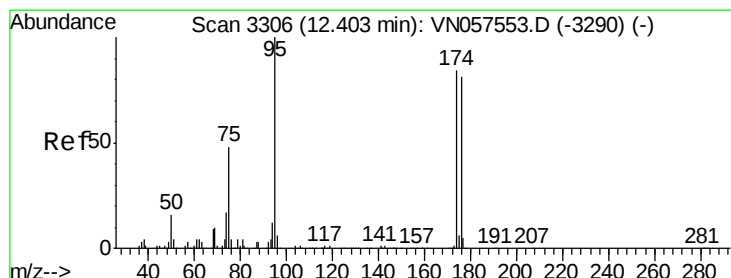
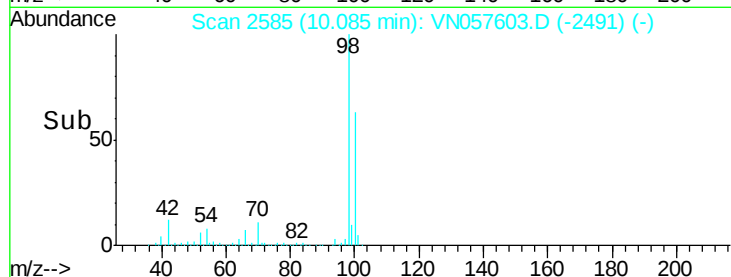
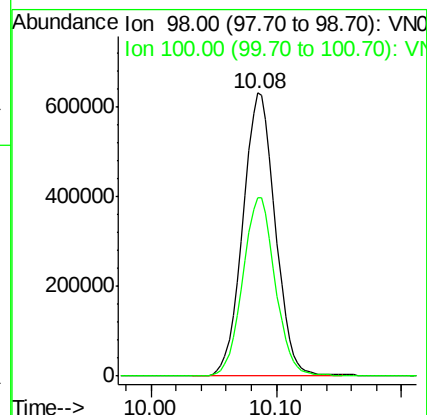
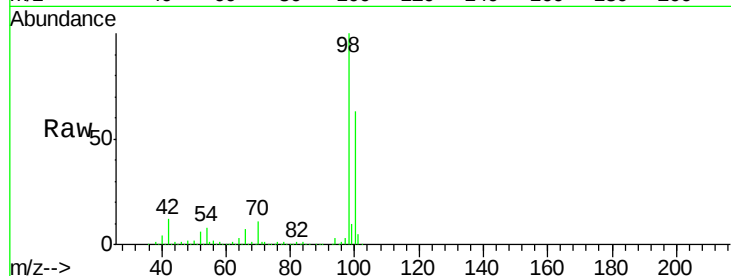
T4-S-D2-(2.5)

Tot Ion: 98 Resp: 1133814

Ion Ratio Lower Upper

98 100

100 63.4 50.4 75.6



#62

4-Bromofluorobenzene

Concen: 32.276 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057603.D

Acq: 30 Aug 2019 21:44

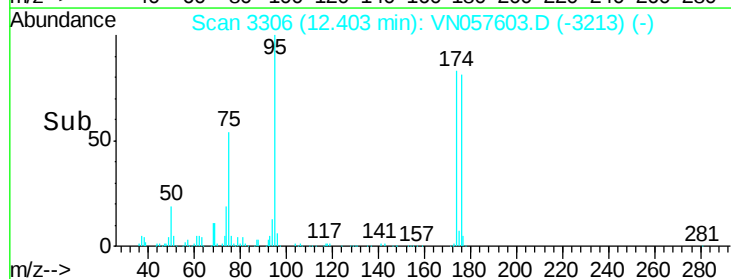
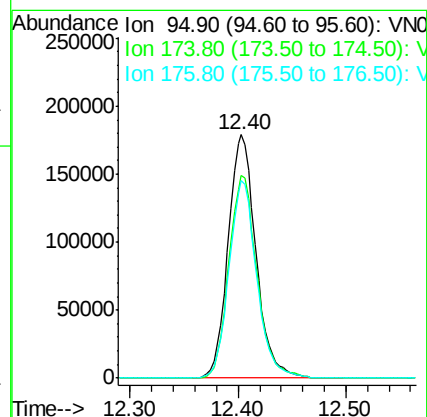
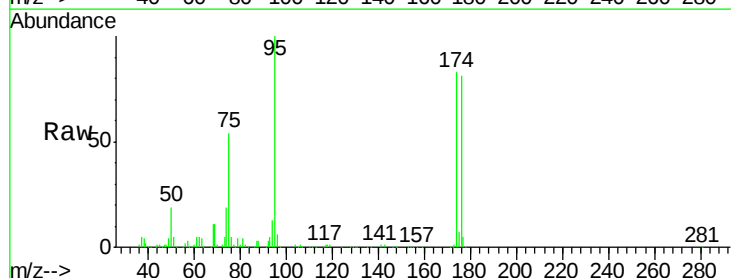
Tgt Ion: 95 Resp: 320826

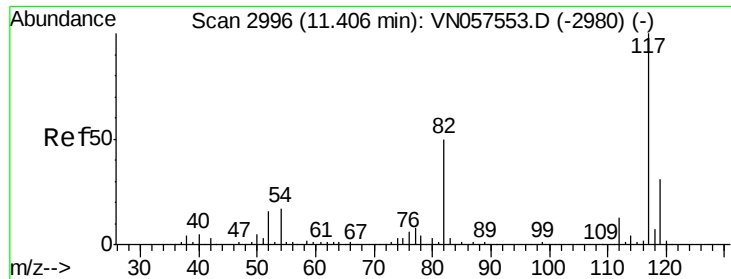
Ion Ratio Lower Upper

95 100

174 84.5 0.0 133.0

176 81.3 0.0 130.8

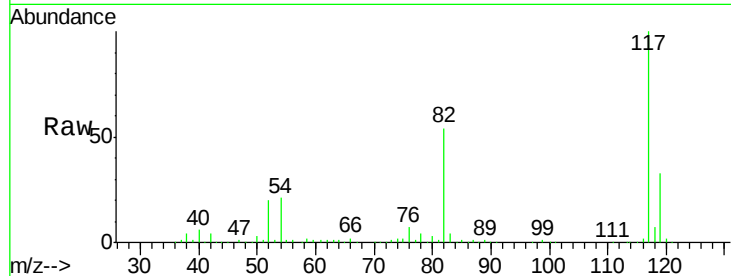




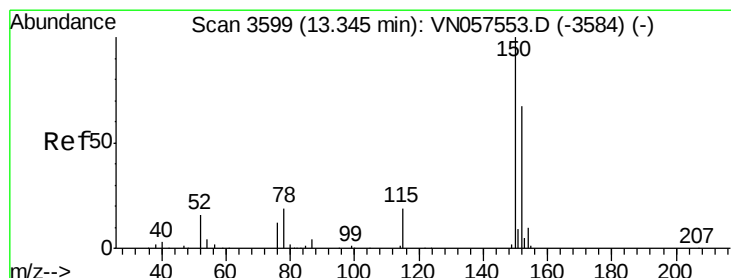
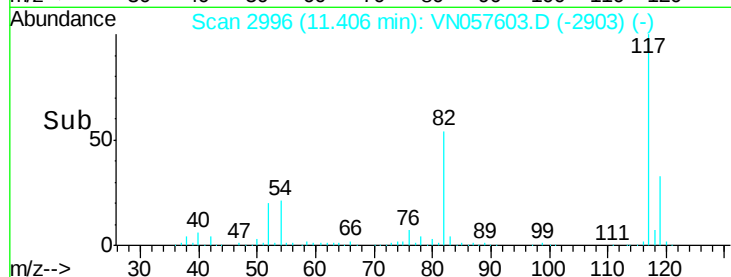
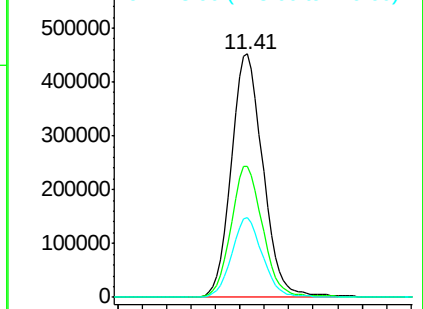
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN057603.D
Acq: 30 Aug 2019 21:44

Instrument :
MSVOA_N
ClientSampled :
T4-S-D2-(2.5)

Tot Ion:117 Resp: 818966
Ion Ratio Lower Upper
117 100
82 53.7 50.6 75.8
119 32.9 24.6 36.8

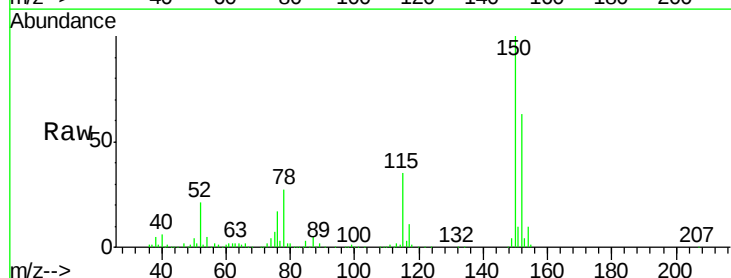


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057603.D
Acq: 30 Aug 2019 21:44

Tgt Ion:152 Resp: 230753
Ion Ratio Lower Upper
152 100
115 57.0 32.0 96.0
150 159.0 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

