

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090119\
 Data File : VN057623.D
 Acq On : 31 Aug 2019 19:06
 Operator : JC/SP
 Sample : K4517-22
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Sep 01 00:33:09 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

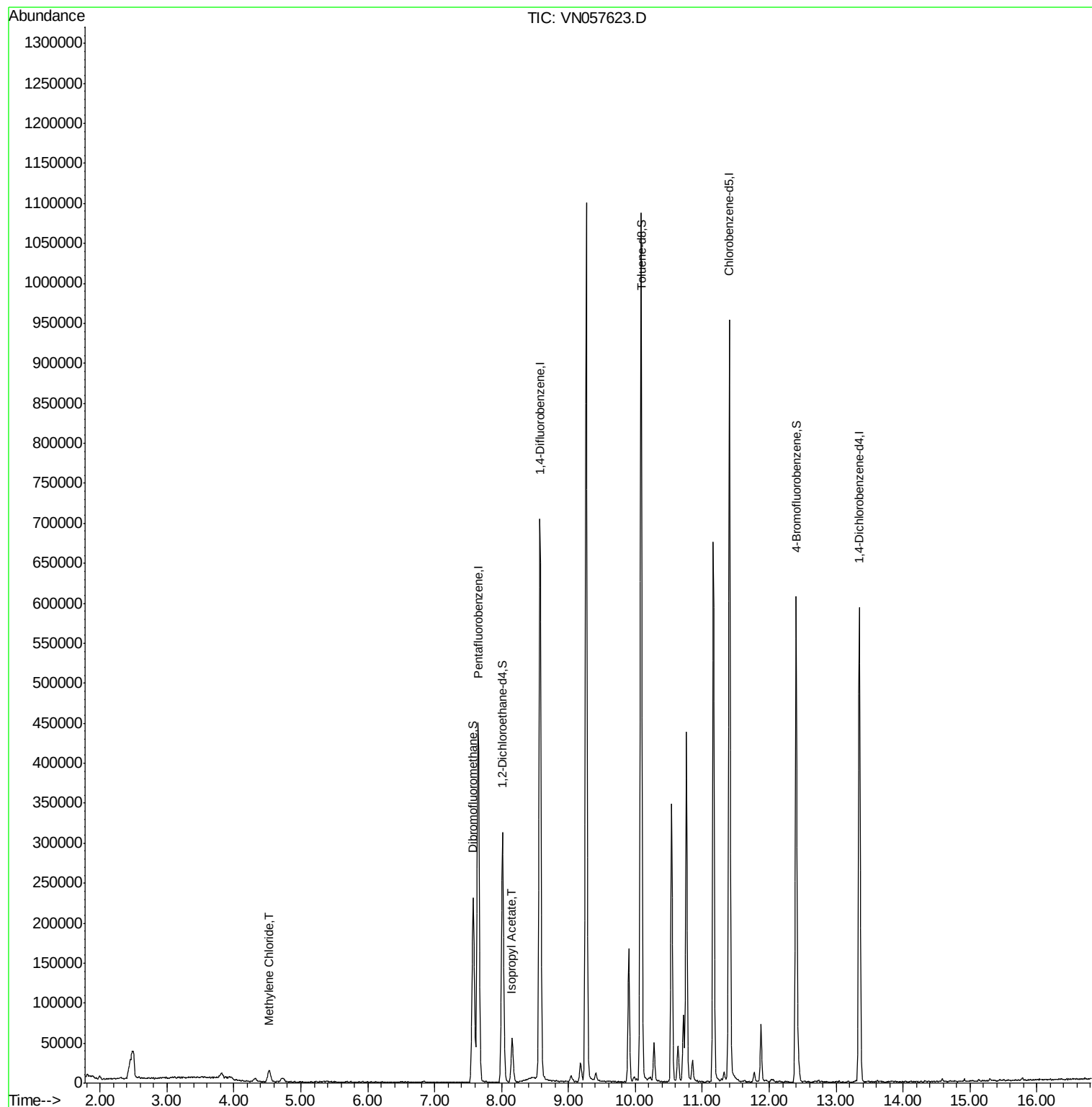
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	316458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	546770	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	474260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	141897	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	261875	36.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.26%	
35) Dibromofluoromethane	7.58	113	166323	34.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.66%	
50) Toluene-d8	10.08	98	692610	37.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.56%	
62) 4-Bromofluorobenzene	12.40	95	219013	31.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.84%	
Target Compounds						
20) Methylene Chloride	4.52	84	9582	1.932	ug/l #	93
43) Isopropyl Acetate	8.16	43	67353	5.421	ug/l	98

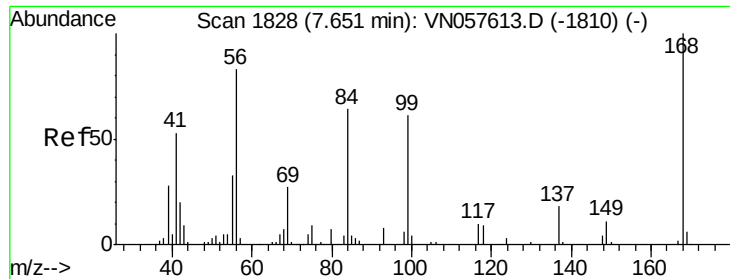
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057623.D

Acq: 31 Aug 2019 19:06

Instrument :

MSVOA_N

ClientSampleId :

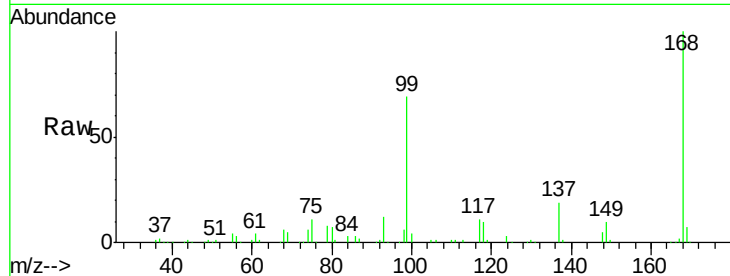
T2-S-A2-(2.5)

Tot Ion:168 Resp: 316458

Ion Ratio Lower Upper

168 100

99 69.5 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

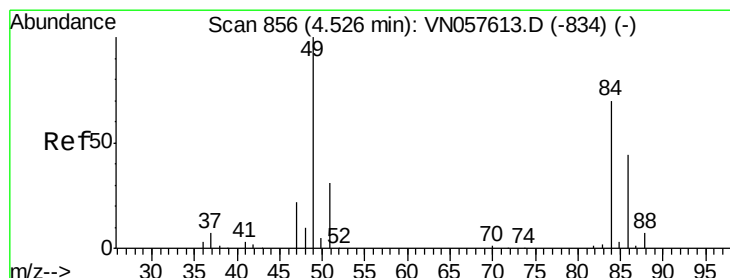
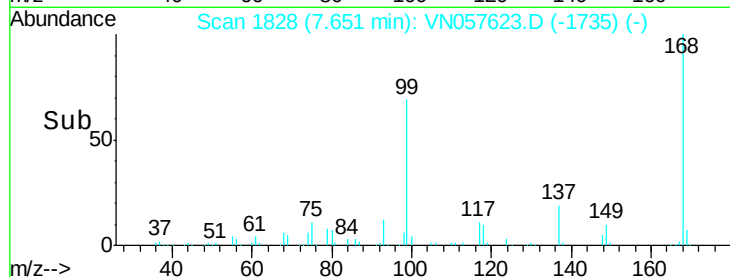
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#20

Methylene Chloride

Concen: 1.932 ug/l

RT: 4.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: VN057623.D

Acq: 31 Aug 2019 19:06

Tgt Ion: 84 Resp: 9582

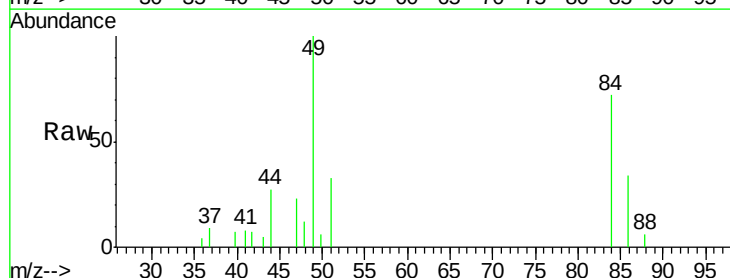
Ion Ratio Lower Upper

84 100

49 139.1 113.8 170.6

51 46.5 35.0 52.6

86 47.7 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

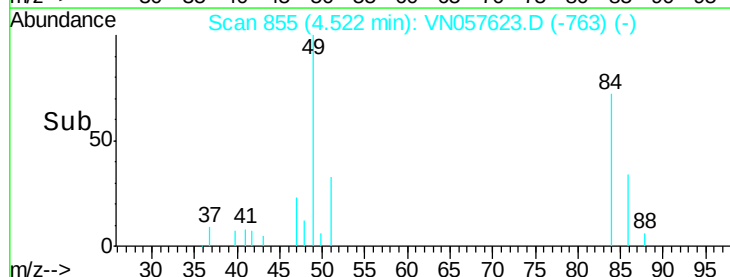
6000

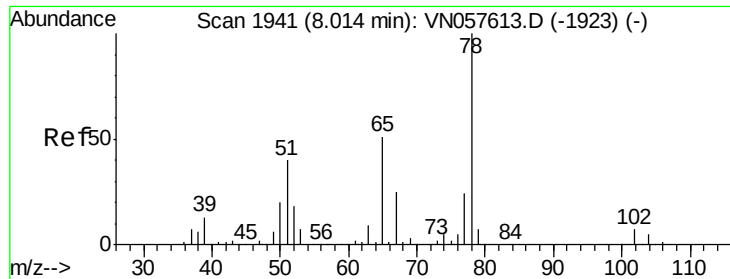
4000

2000

0

Time--> 4.45 4.50 4.55 4.60

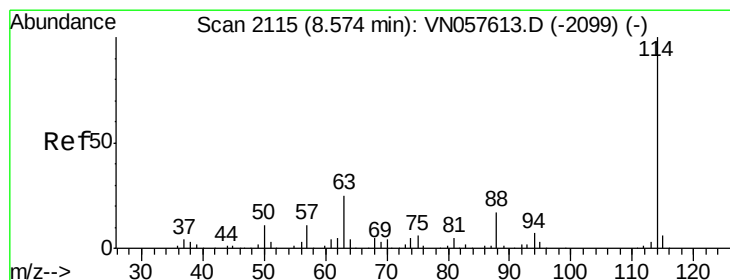
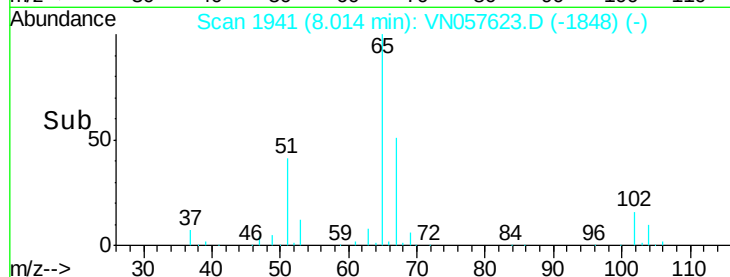
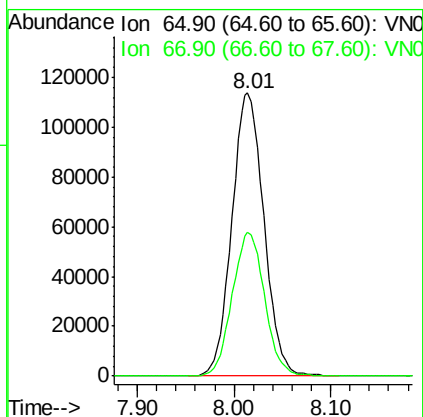
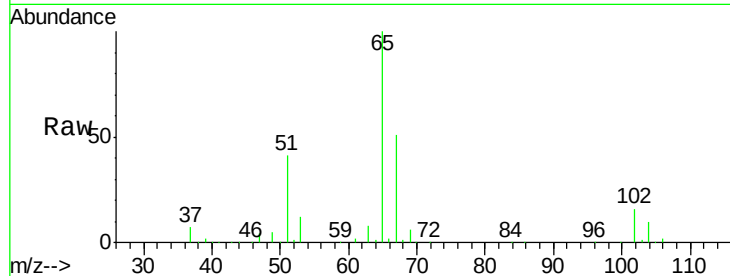




#33
 1,2-Dichloroethane-d4
 Concen: 36.632 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. -0.00 min
 Lab File: VN057623.D
 Acq: 31 Aug 2019 19:06

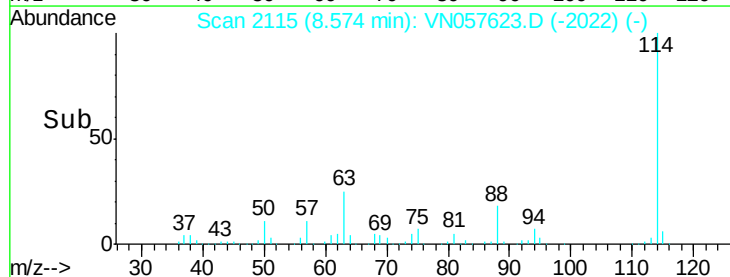
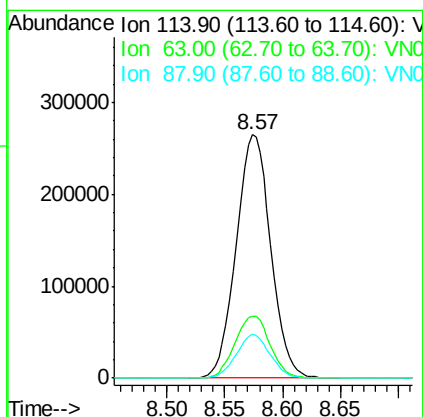
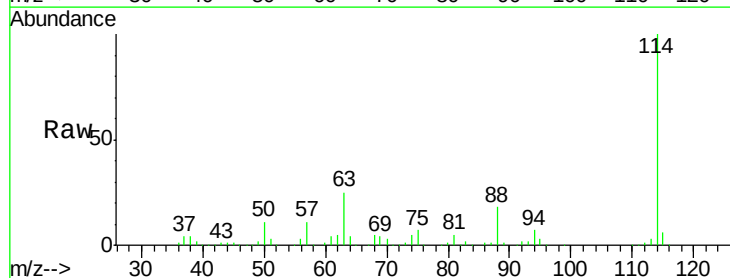
Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S-A2-(2.5)

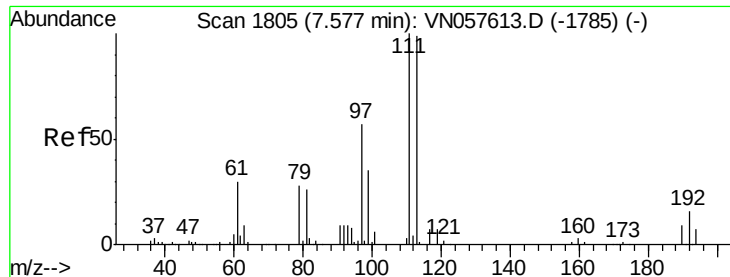
Tot Ion: 65 Resp: 261875
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057623.D
 Acq: 31 Aug 2019 19:06

Tgt Ion: 114 Resp: 546770
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 49.0
 88 18.3 0.0 33.0

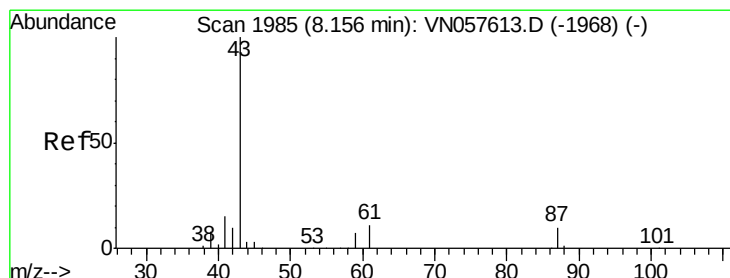
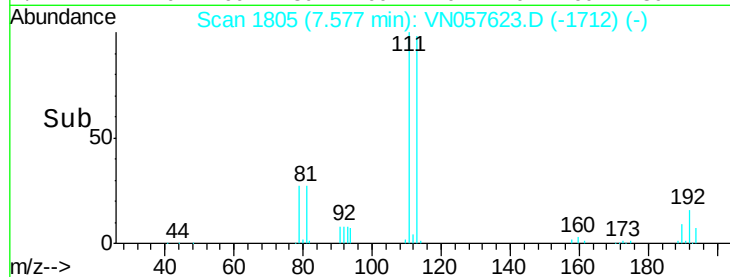
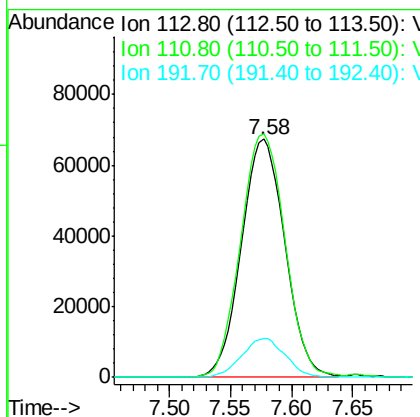
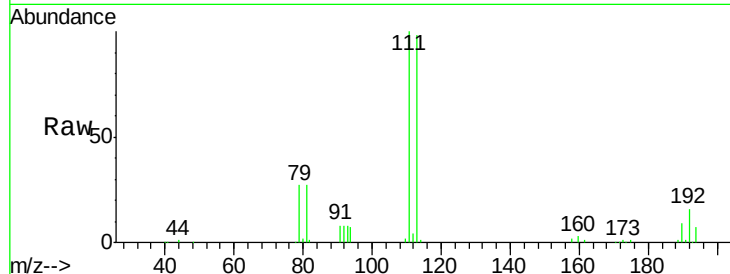




#35
 Dibromofluoromethane
 Concen: 34.833 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VN057623.D
 Acq: 31 Aug 2019 19:06

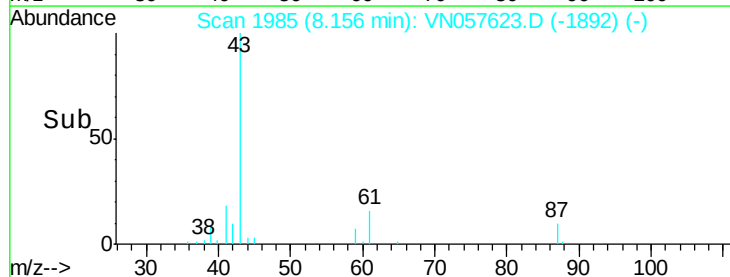
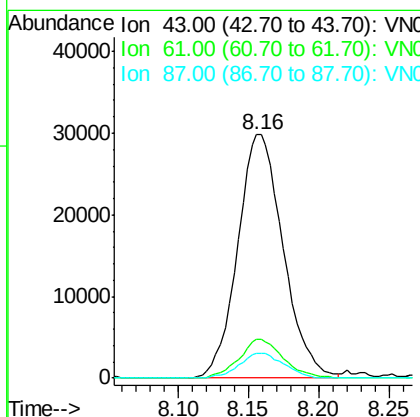
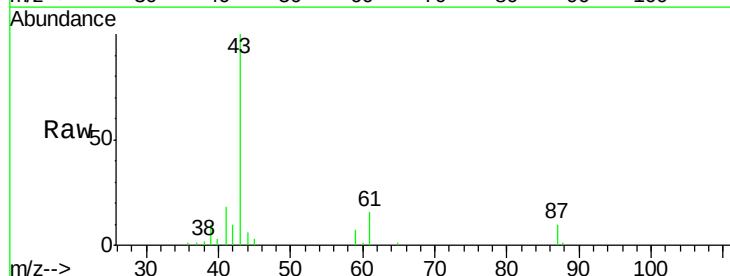
Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S-A2-(2.5)

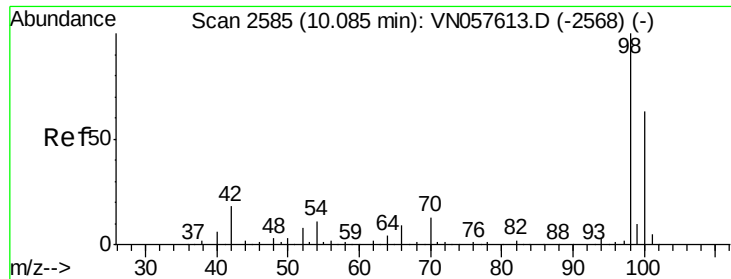
Tot Ion:113 Resp: 166323
 Ion Ratio Lower Upper
 113 100
 111 104.7 81.3 121.9
 192 16.4 13.5 20.3



#43
 Isopropyl Acetate
 Concen: 5.421 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VN057623.D
 Acq: 31 Aug 2019 19:06

Tgt Ion: 43 Resp: 67353
 Ion Ratio Lower Upper
 43 100
 61 15.4 13.1 19.7
 87 9.9 8.1 12.1

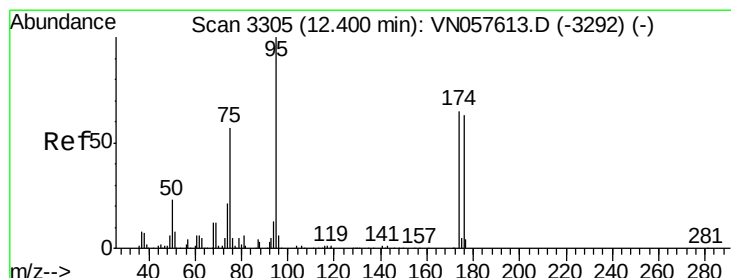
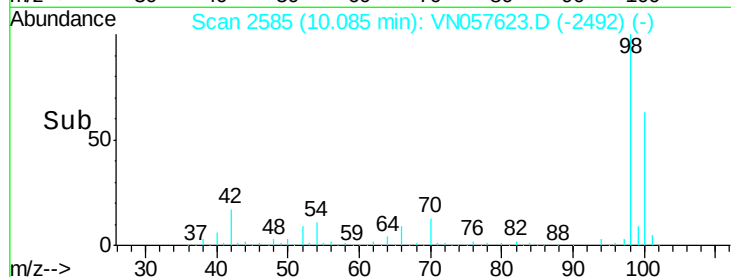
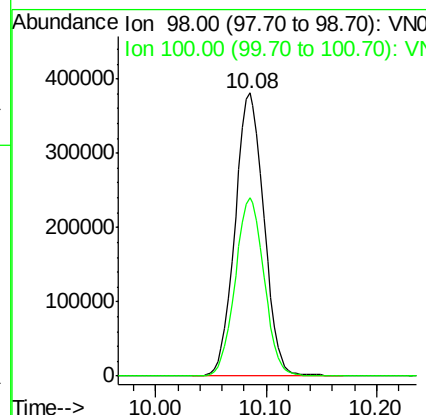
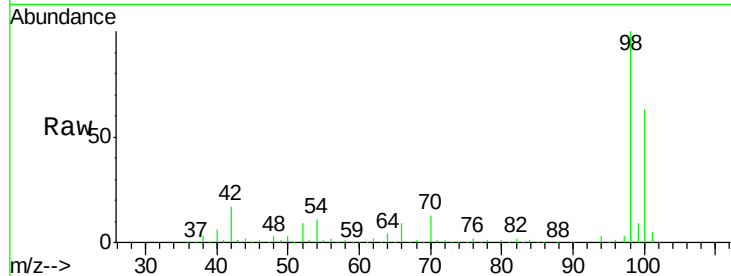




#50
Toluene-d8
Concen: 37.782 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN057623.D
Acq: 31 Aug 2019 19:06

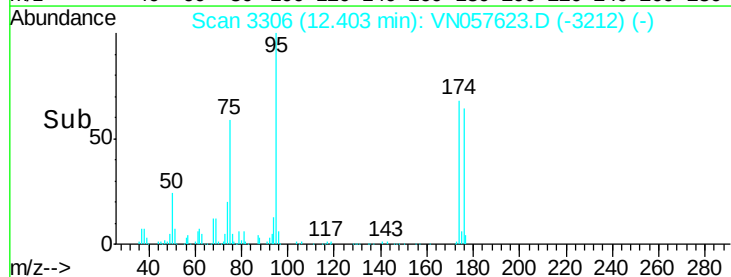
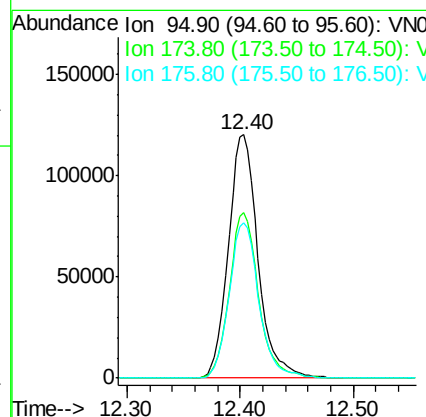
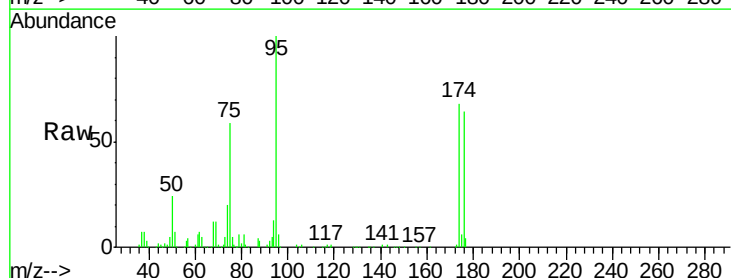
Instrument :
MSVOA_N
ClientSampleId :
T2-S-A2-(2.5)

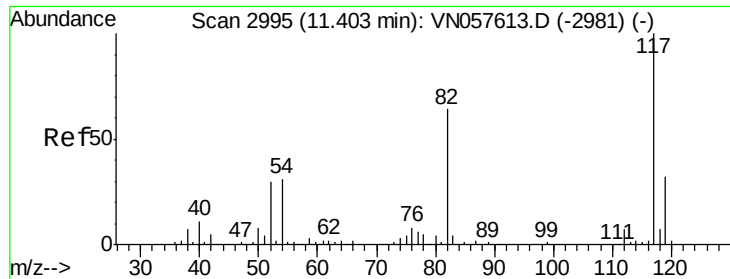
Tot Ion: 98 Resp: 692610
Ion Ratio Lower Upper
98 100
100 62.9 49.8 74.8



#62
4-Bromofluorobenzene
Concen: 31.418 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057623.D
Acq: 31 Aug 2019 19:06

Tgt Ion: 95 Resp: 219013
Ion Ratio Lower Upper
95 100
174 67.0 0.0 134.8
176 64.2 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: VN057623.D

Acq: 31 Aug 2019 19:06

Instrument :

MSVOA_N

ClientSampleId :

T2-S-A2-(2.5)

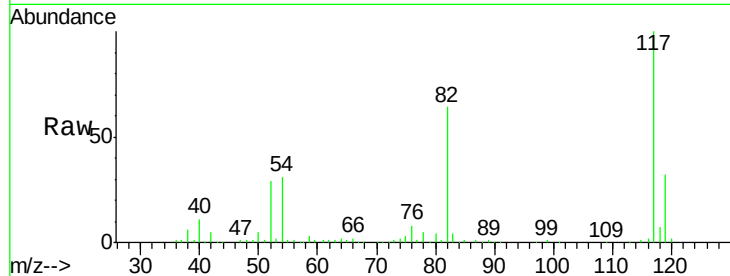
Tot Ion:117 Resp: 474260

Ion Ratio Lower Upper

117 100

82 64.3 51.6 77.4

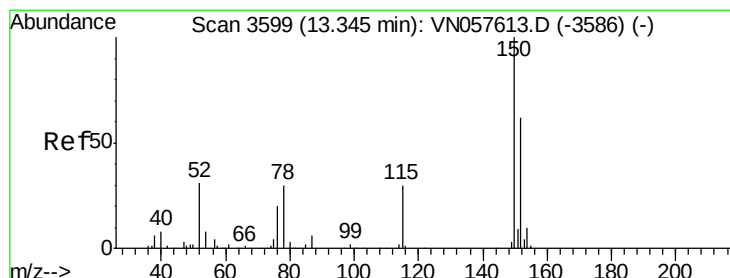
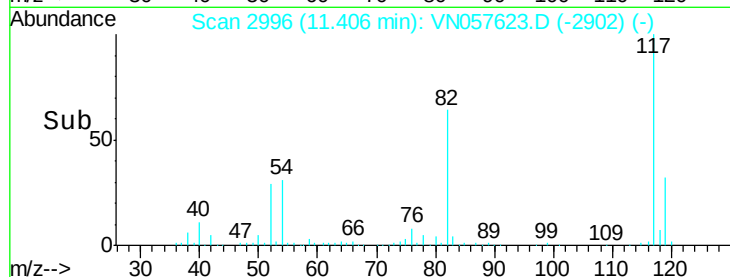
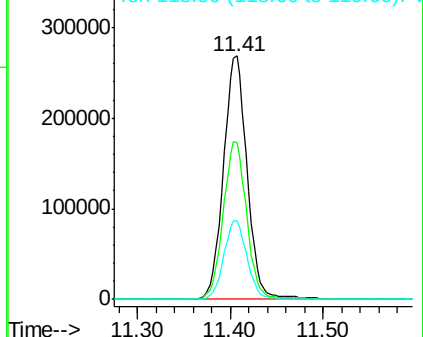
119 32.4 25.8 38.6



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: VN057623.D

Acq: 31 Aug 2019 19:06

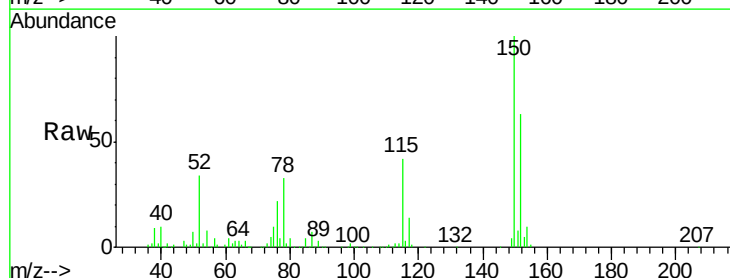
Tgt Ion:152 Resp: 141897

Ion Ratio Lower Upper

152 100

115 66.2 33.2 99.6

150 158.4 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

