

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083119\
 Data File : VN057597.D
 Acq On : 30 Aug 2019 19:12
 Operator : JC/SP
 Sample : K4517-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S-A1-(2.5)

Quant Time: Aug 31 01:14:20 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

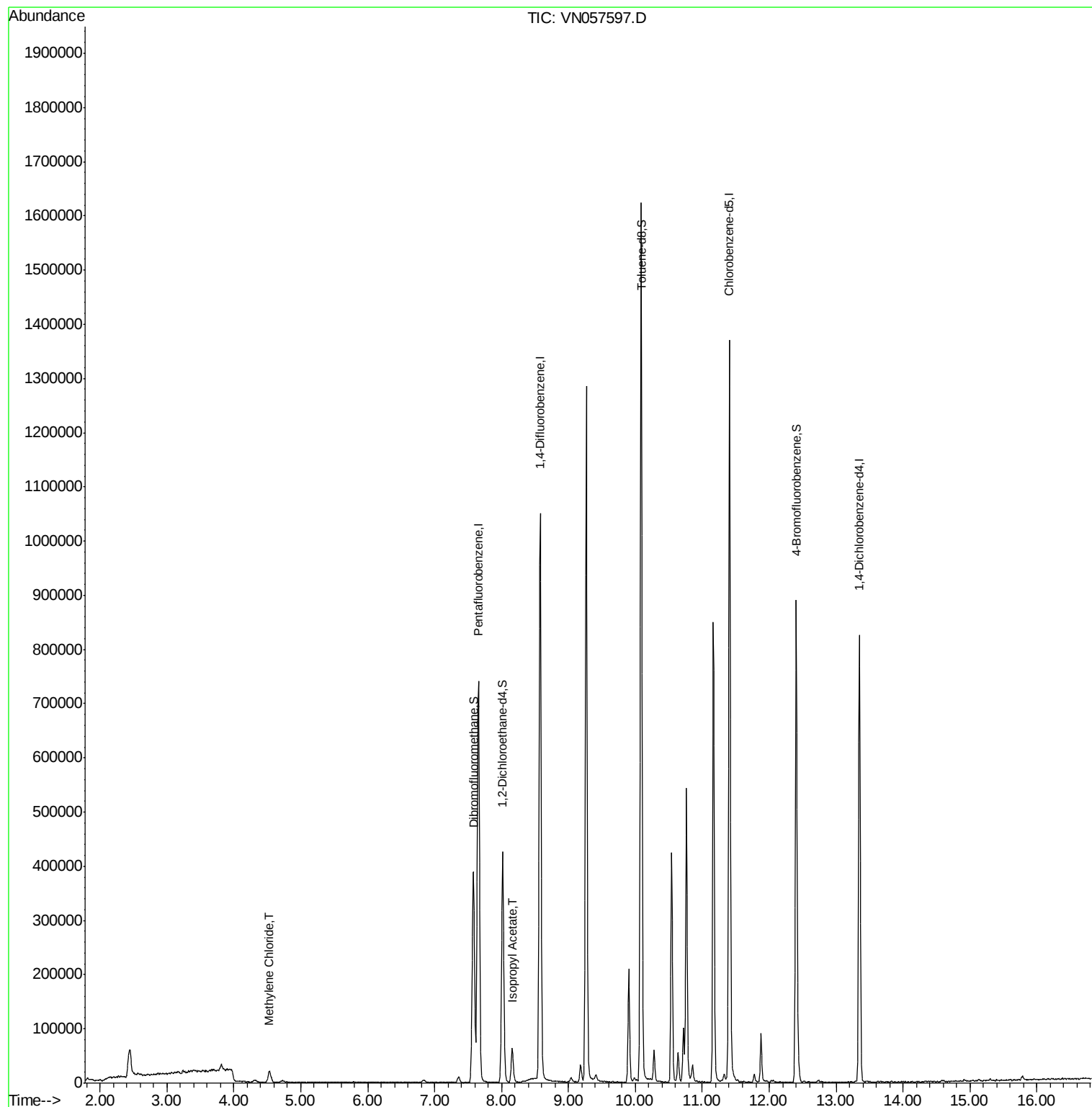
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	602576	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	950445	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	820009	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	229841	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	370687	37.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.16%	
35) Dibromofluoromethane	7.58	113	291403	34.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.60%	
50) Toluene-d8	10.09	98	1157965	38.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.08%	
62) 4-Bromofluorobenzene	12.40	95	322252	31.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.90%	
Target Compounds						
20) Methylene Chloride	4.53	84	14907	2.018	ug/l #	82
43) Isopropyl Acetate	8.16	43	75410	5.931	ug/l #	93

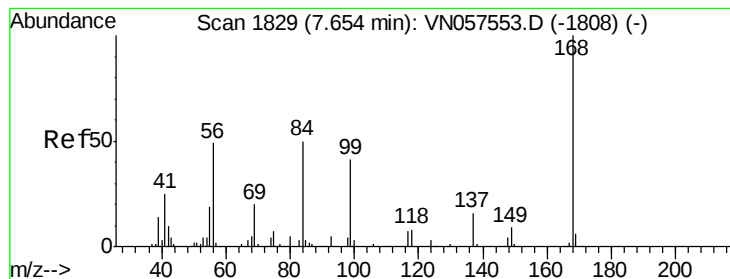
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057597.D

Acq: 30 Aug 2019 19:12

Instrument :

MSVOA_N

ClientSampleId :

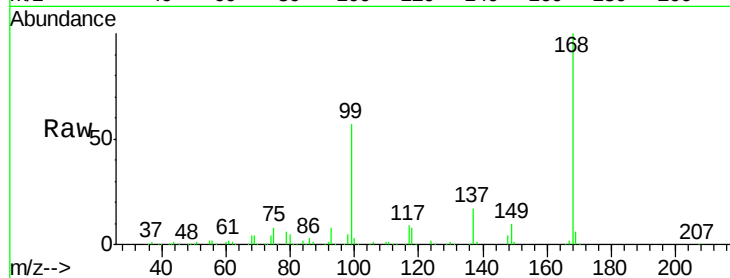
T2-S-A1-(2.5)

Tot Ion:168 Resp: 602576

Ion Ratio Lower Upper

168 100

99 56.7 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

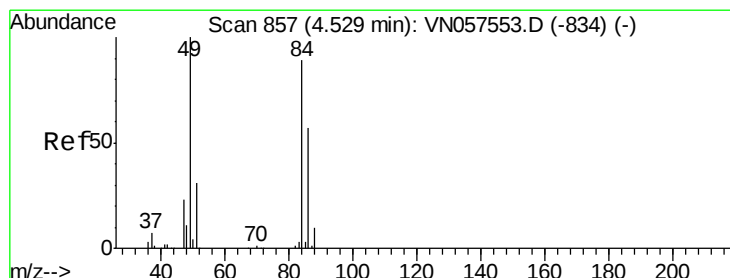
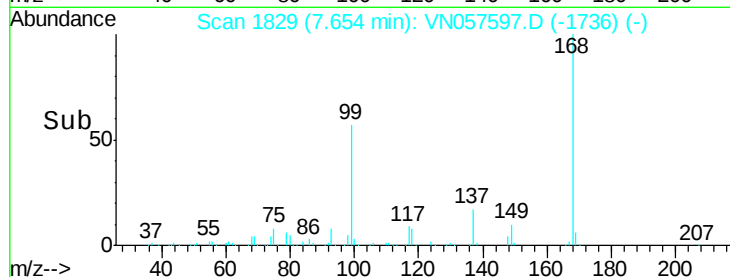
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 2.018 ug/l

RT: 4.53 min Scan# 858

Delta R.T. 0.00 min

Lab File: VN057597.D

Acq: 30 Aug 2019 19:12

Tgt Ion: 84 Resp: 14907

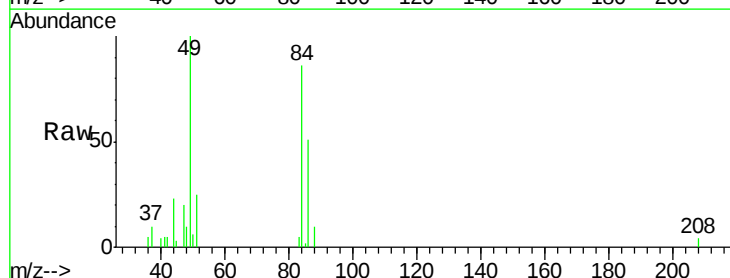
Ion Ratio Lower Upper

84 100

49 116.8 117.0 175.4#

51 29.8 35.5 53.3#

86 59.9 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

4.53

10000

8000

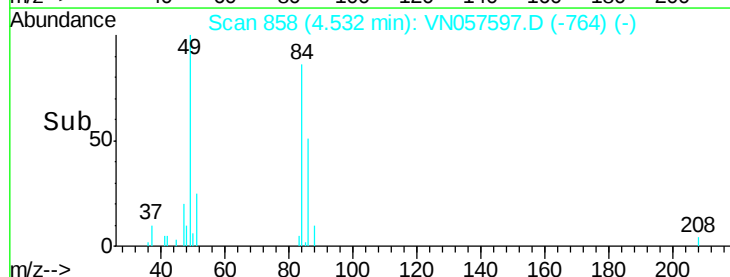
6000

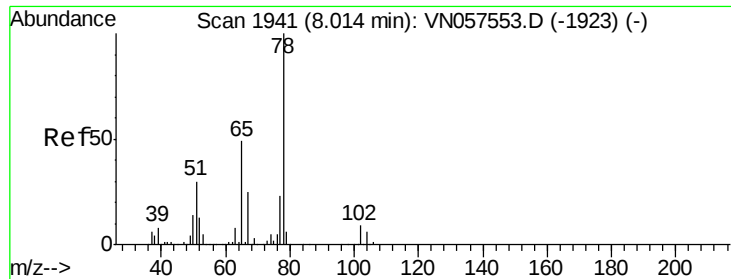
4000

2000

0

Time-->

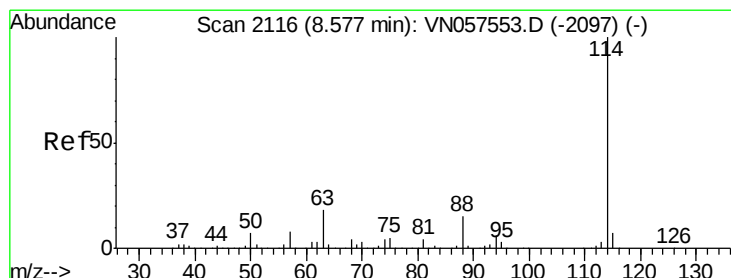
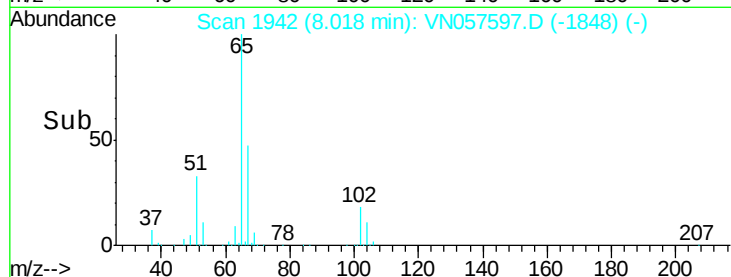
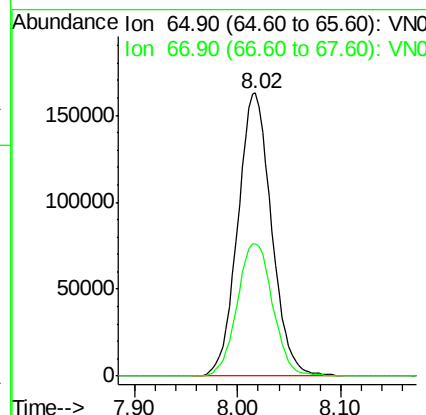
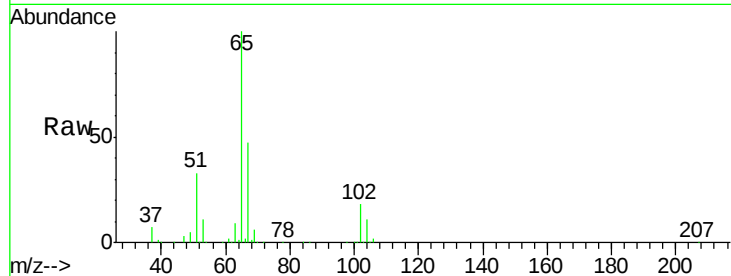




#33
 1,2-Dichloroethane-d4
 Concen: 37.585 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VN057597.D
 Acq: 30 Aug 2019 19:12

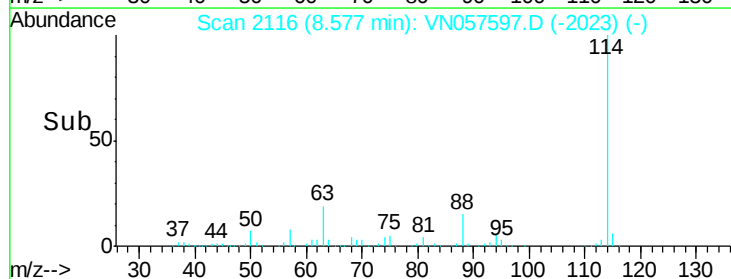
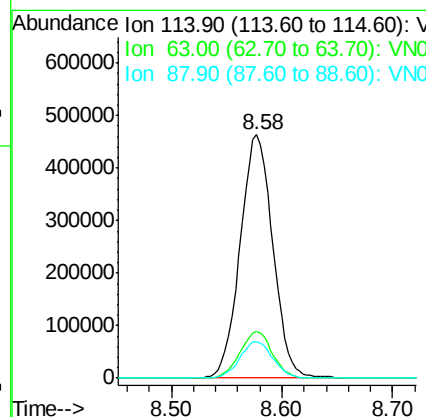
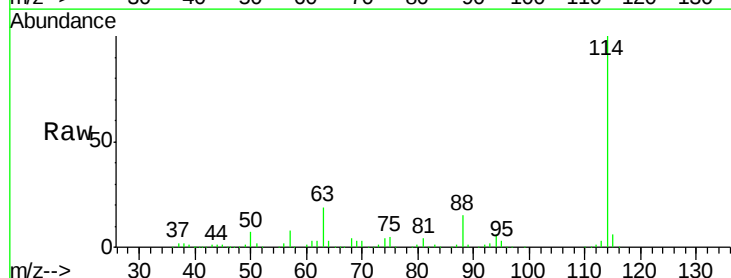
Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S-A1-(2.5)

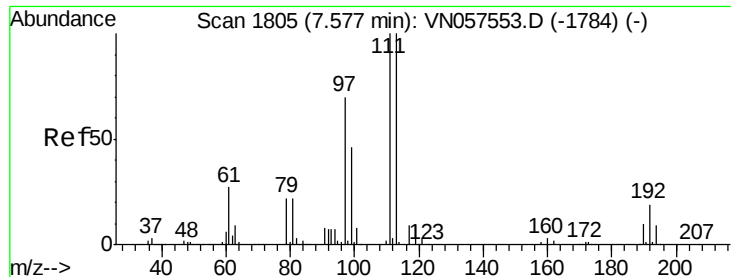
Tot Ion: 65 Resp: 370687
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057597.D
 Acq: 30 Aug 2019 19:12

Tgt Ion: 114 Resp: 950445
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 50.2
 88 15.1 0.0 34.6





#35

Dibromofluoromethane

Concen: 34.303 ug/l

RT: 7.58 min Scan# 1806

Delta R.T. 0.00 min

Lab File: VN057597.D

Acq: 30 Aug 2019 19:12

Instrument :

MSVOA_N

ClientSampleId :

T2-S-A1-(2.5)

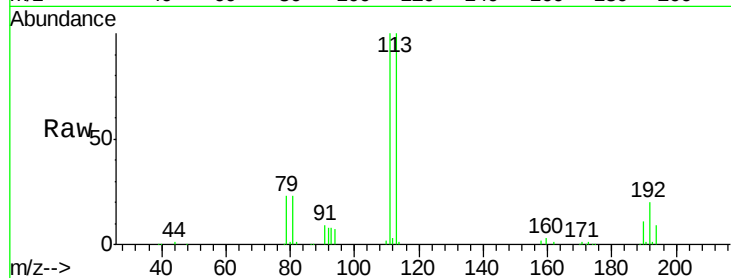
Tot Ion:113 Resp: 291403

Ion Ratio Lower Upper

113 100

111 100.0 83.8 125.6

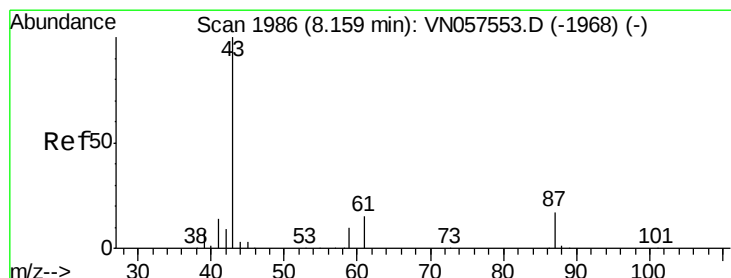
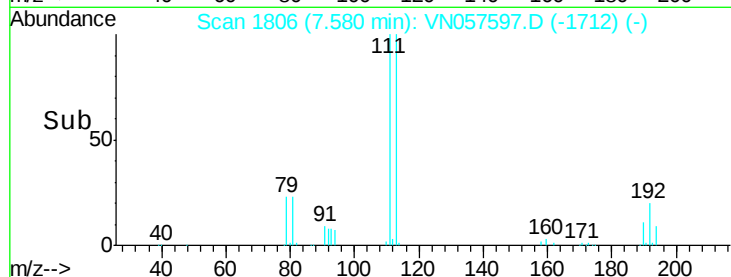
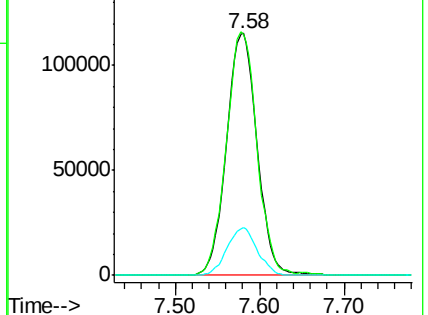
192 19.5 13.5 20.3



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



#43

Isopropyl Acetate

Concen: 5.931 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN057597.D

Acq: 30 Aug 2019 19:12

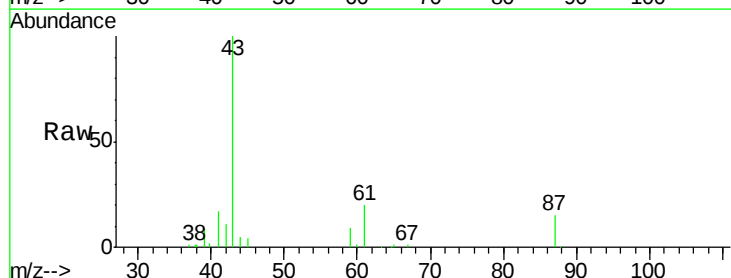
Tgt Ion: 43 Resp: 75410

Ion Ratio Lower Upper

43 100

61 19.4 14.5 21.7

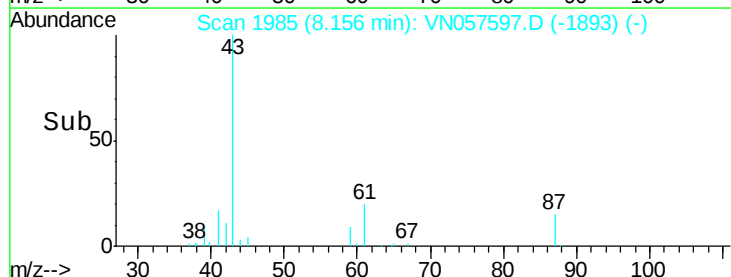
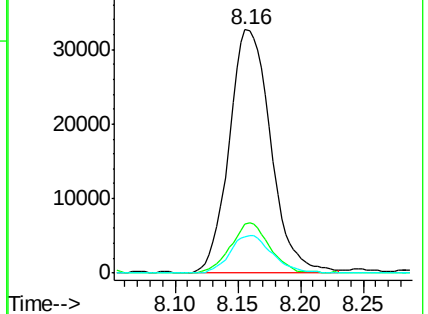
87 15.6 8.6 12.8#

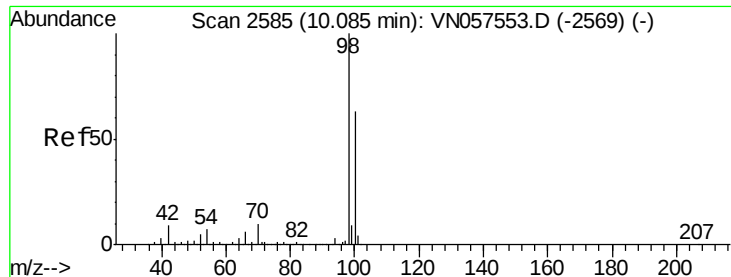


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 38.536 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057597.D

Acq: 30 Aug 2019 19:12

Instrument :

MSVOA_N

ClientSampleId :

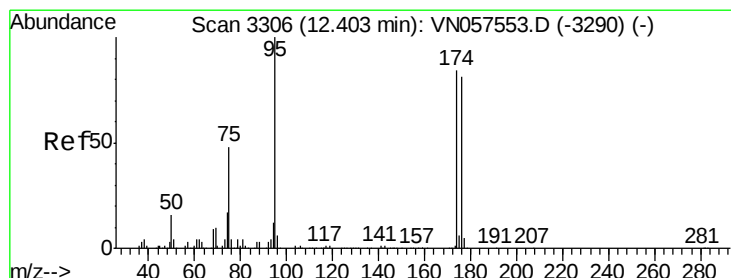
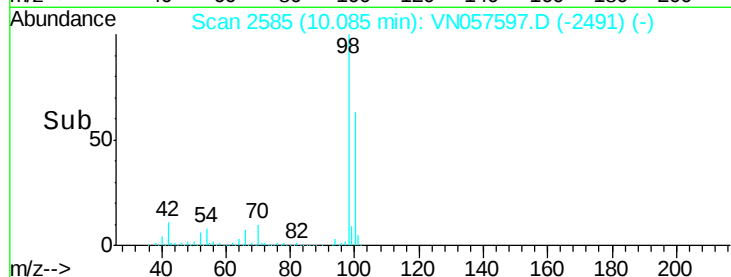
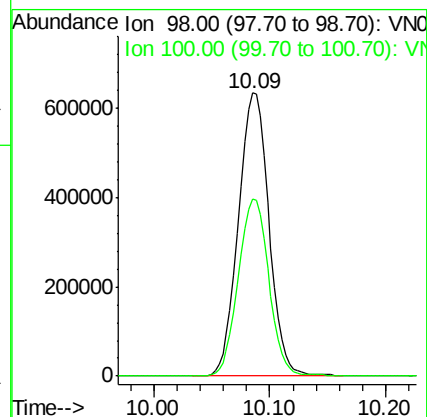
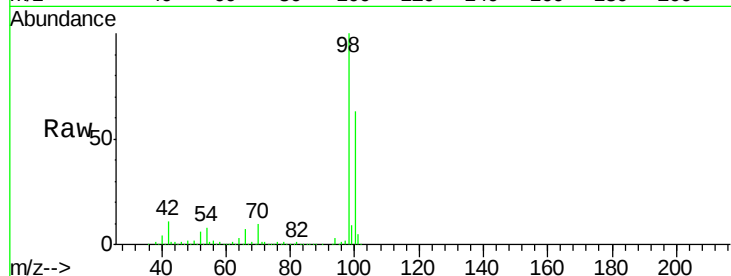
T2-S-A1-(2.5)

Tot Ion: 98 Resp: 1157965

Ion Ratio Lower Upper

98 100

100 63.1 50.4 75.6



#62

4-Bromofluorobenzene

Concen: 31.948 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057597.D

Acq: 30 Aug 2019 19:12

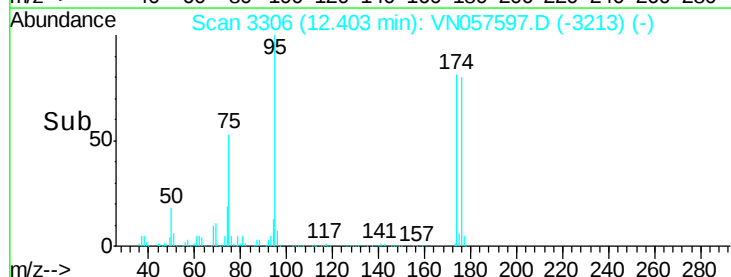
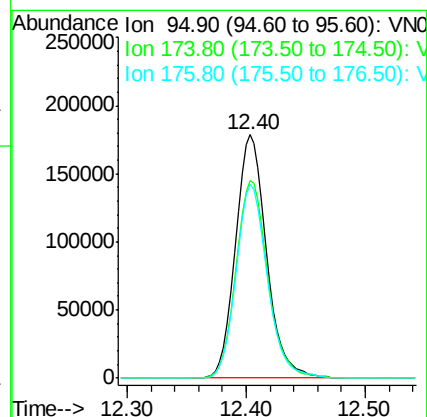
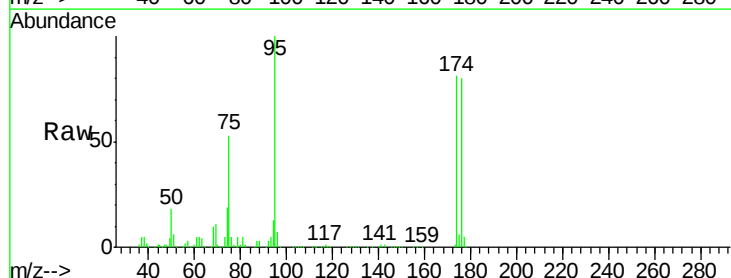
Tgt Ion: 95 Resp: 322252

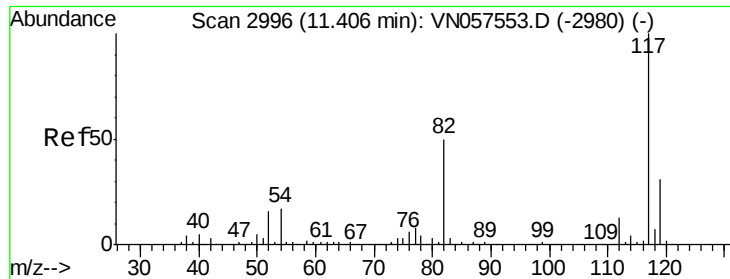
Ion Ratio Lower Upper

95 100

174 83.4 0.0 133.0

176 80.4 0.0 130.8

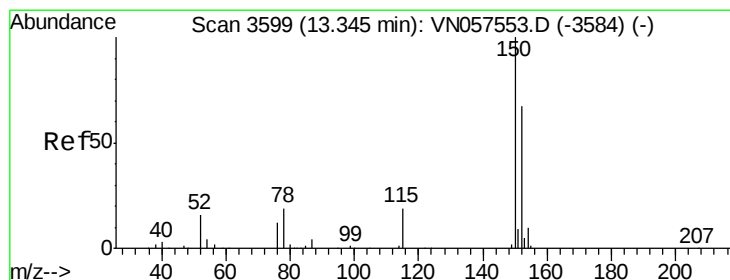
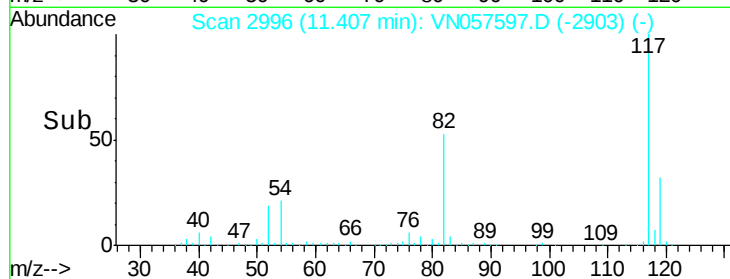
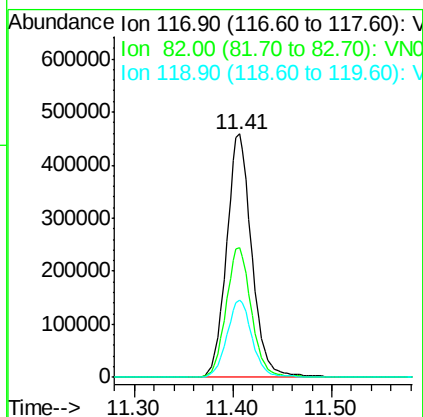
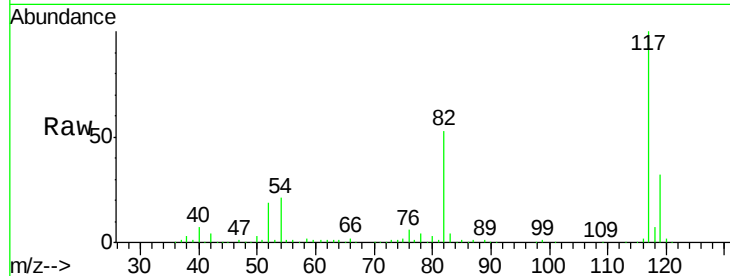




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN057597.D
 Acq: 30 Aug 2019 19:12

Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S-A1-(2.5)

Tot Ion:117 Resp: 820009
 Ion Ratio Lower Upper
 117 100
 82 53.4 50.6 75.8
 119 31.9 24.6 36.8



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3600
 Delta R.T. 0.00 min
 Lab File: VN057597.D
 Acq: 30 Aug 2019 19:12

Tgt Ion:152 Resp: 229841
 Ion Ratio Lower Upper
 152 100
 115 60.2 32.0 96.0
 150 161.4 0.0 346.6

