

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083119\
 Data File : VN057598.D
 Acq On : 30 Aug 2019 19:37
 Operator : JC/SP
 Sample : K4517-21
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S-A2-(0)

Quant Time: Aug 31 01:17:09 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

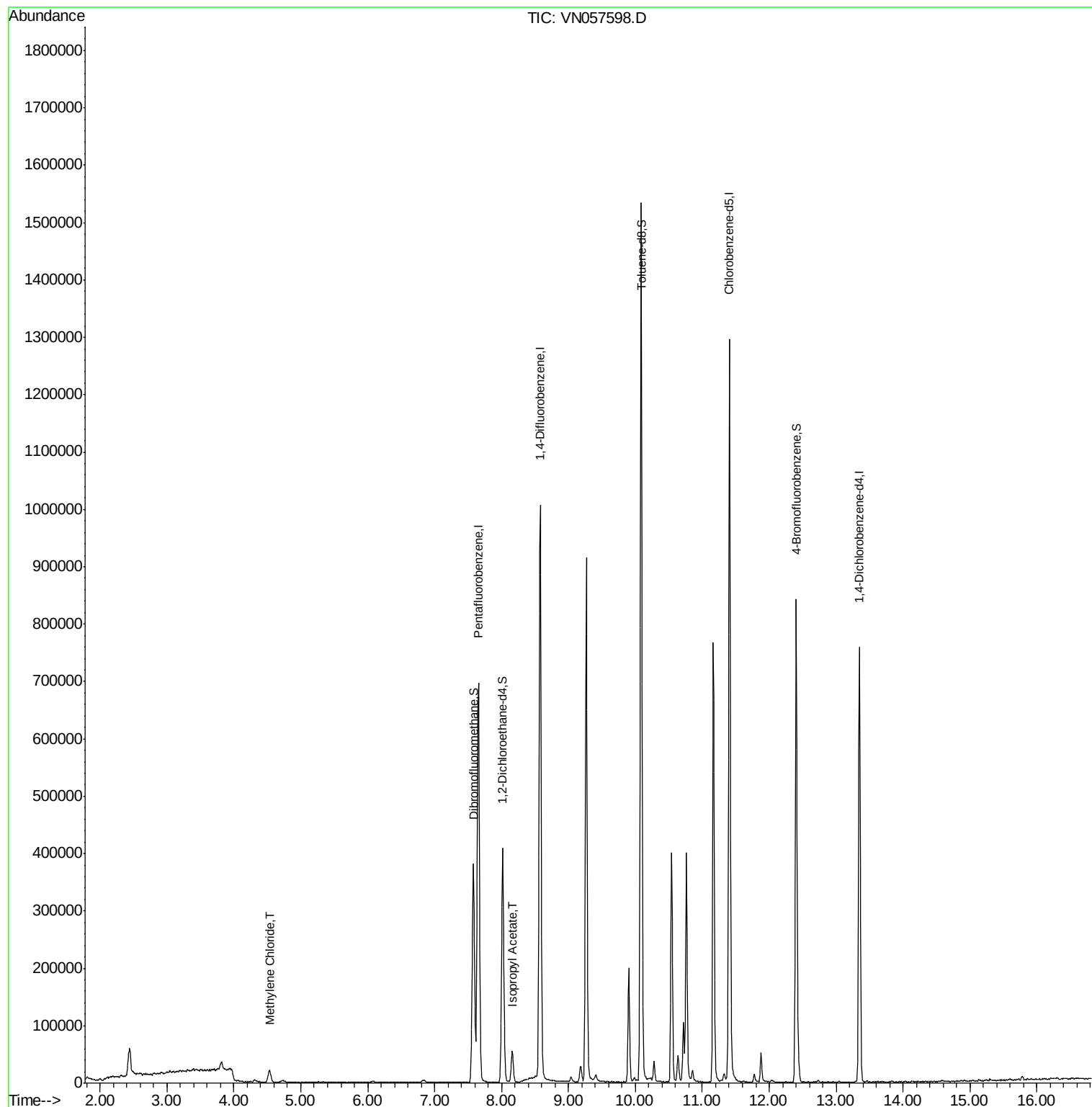
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	576033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	912619	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	780267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	215411	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	351776	37.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.62%	
35) Dibromofluoromethane	7.58	113	274812	33.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.38%	
50) Toluene-d8	10.09	98	1089902	37.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.54%	
62) 4-Bromofluorobenzene	12.40	95	294510	30.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.82%	
Target Compounds						
20) Methylene Chloride	4.54	84	15413	2.183	ug/l #	77
43) Isopropyl Acetate	8.16	43	67121	5.498	ug/l #	96

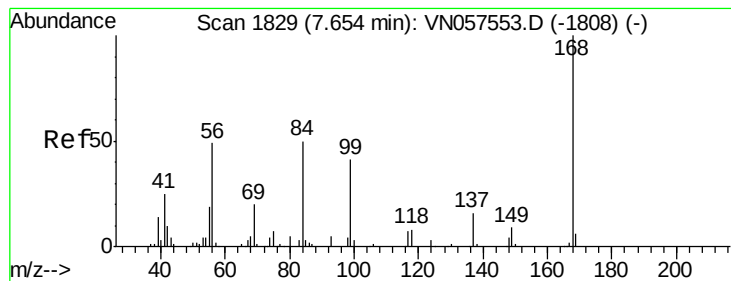
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057598.D

Acq: 30 Aug 2019 19:37

Instrument :

MSVOA_N

ClientSampled :

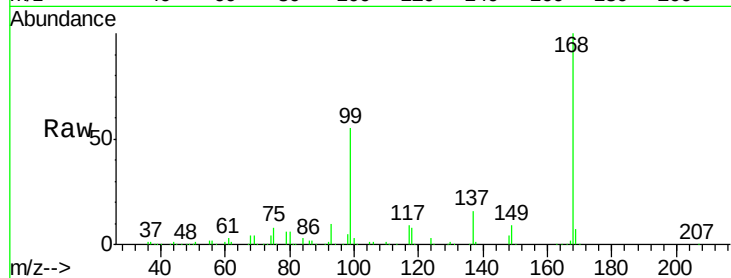
T2-S-A2-(0)

Tot Ion:168 Resp: 576033

Ion Ratio Lower Upper

168 100

99 55.5 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

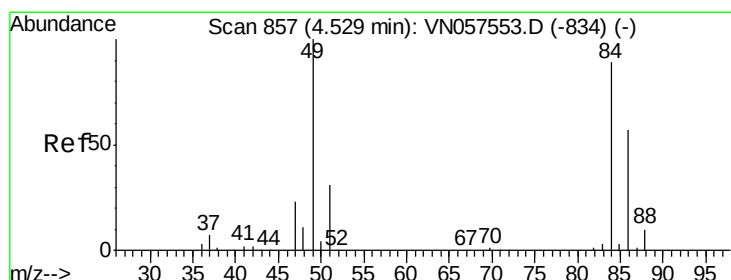
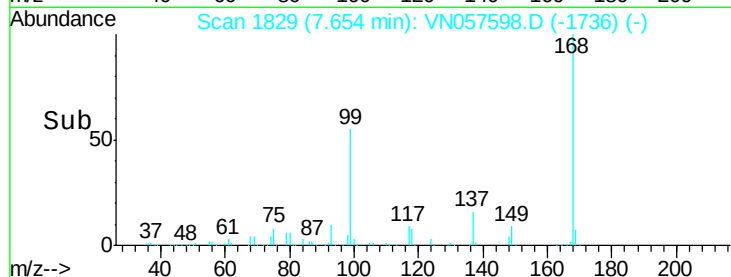
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 2.183 ug/l

RT: 4.54 min Scan# 859

Delta R.T. 0.01 min

Lab File: VN057598.D

Acq: 30 Aug 2019 19:37

Tgt Ion: 84 Resp: 15413

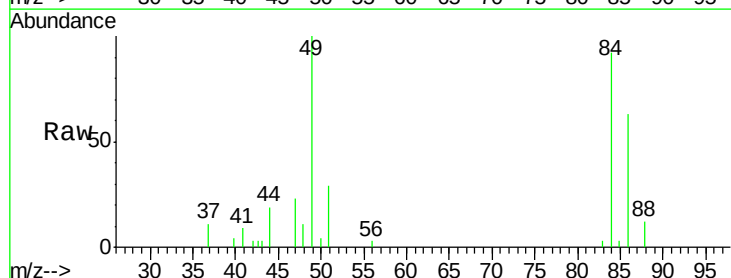
Ion Ratio Lower Upper

84 100

49 108.3 117.0 175.4#

51 31.5 35.5 53.3#

86 67.8 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

4.54

10000

8000

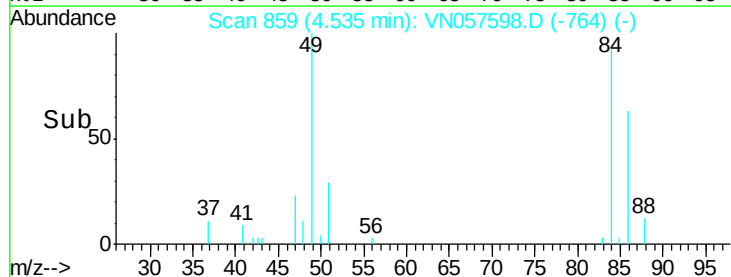
6000

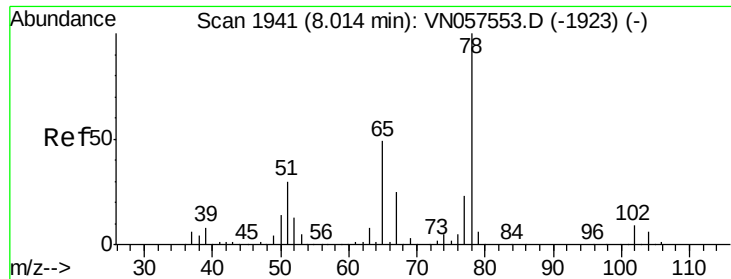
4000

2000

0

Time-->

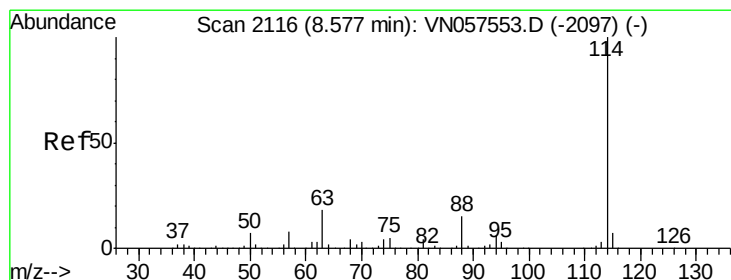
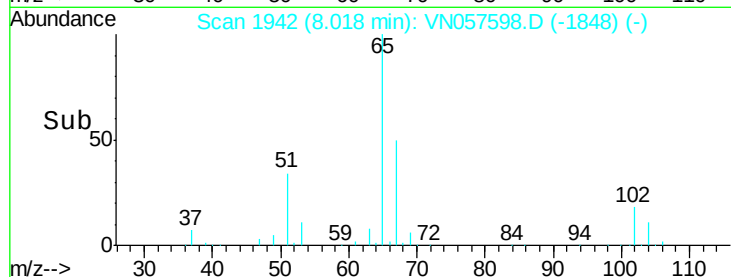
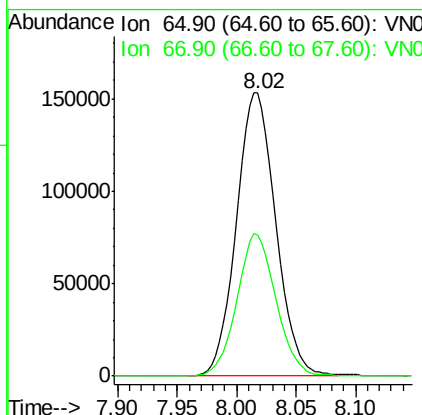
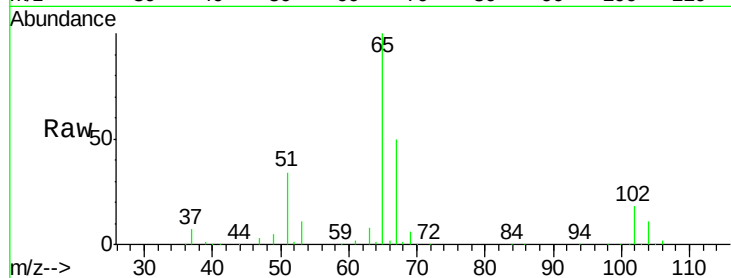




#33
 1,2-Dichloroethane-d4
 Concen: 37.311 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VN057598.D
 Acq: 30 Aug 2019 19:37

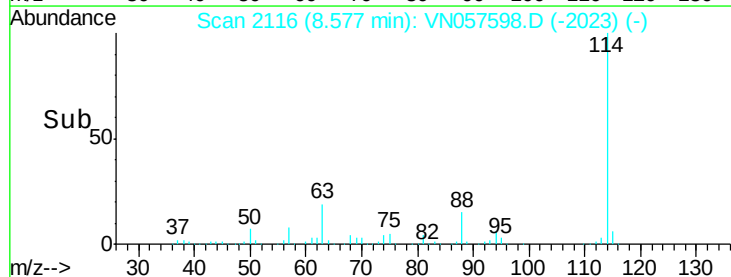
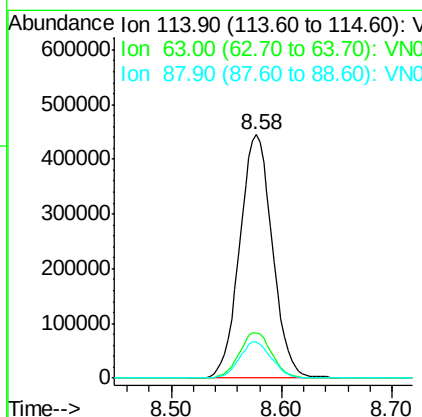
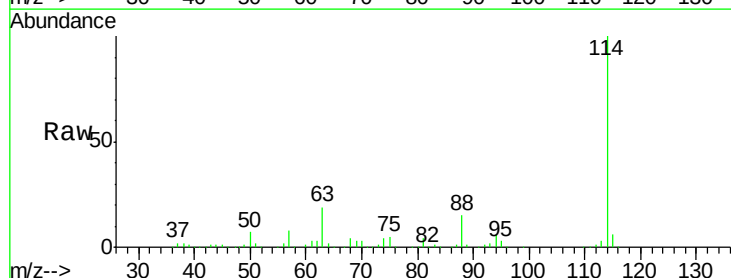
Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S-A2-(0)

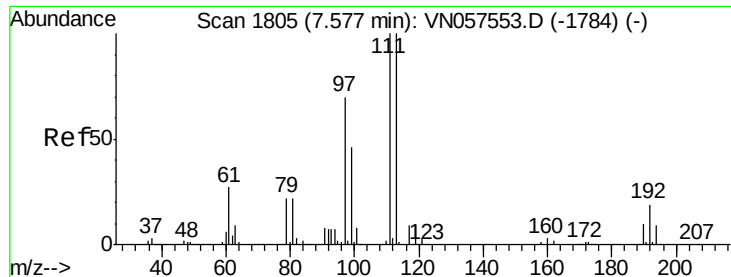
Tot Ion: 65 Resp: 351776
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057598.D
 Acq: 30 Aug 2019 19:37

Tgt Ion: 114 Resp: 912619
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 50.2
 88 14.8 0.0 34.6





#35

Dibromofluoromethane

Concen: 33.690 ug/l

RT: 7.58 min Scan# 1806

Delta R.T. 0.00 min

Lab File: VN057598.D

Acq: 30 Aug 2019 19:37

Instrument :

MSVOA_N

ClientSampled :

T2-S-A2-(0)

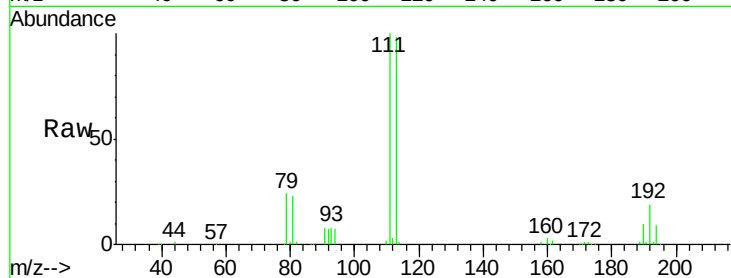
Tot Ion:113 Resp: 274812

Ion Ratio Lower Upper

113 100

111 103.3 83.8 125.6

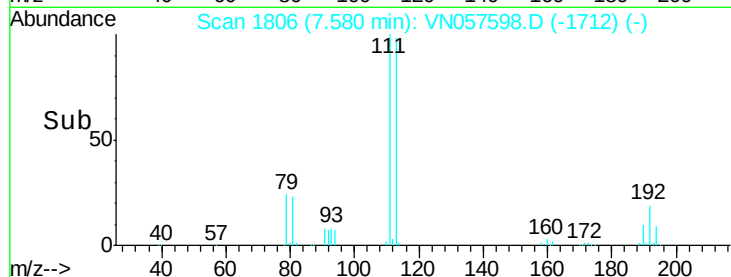
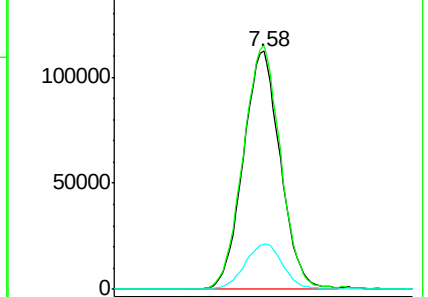
192 19.5 13.5 20.3



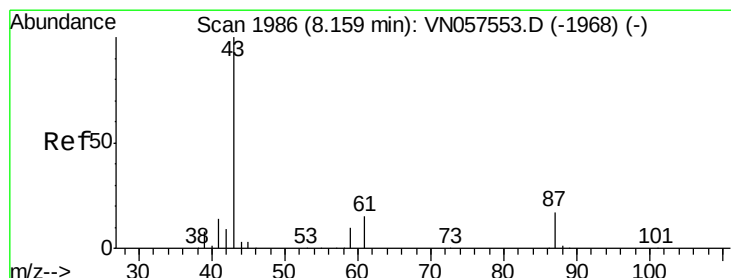
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->



#43

Isopropyl Acetate

Concen: 5.498 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN057598.D

Acq: 30 Aug 2019 19:37

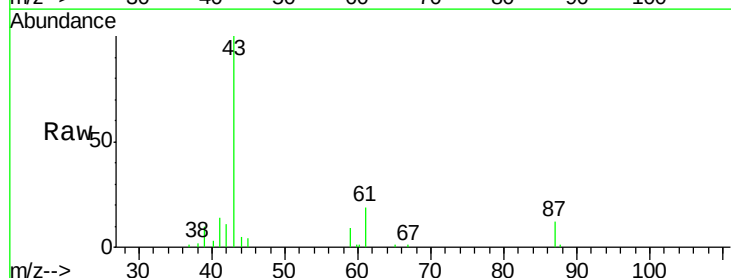
Tgt Ion: 43 Resp: 67121

Ion Ratio Lower Upper

43 100

61 19.0 14.5 21.7

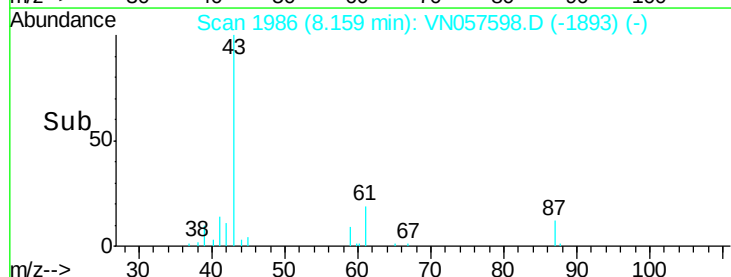
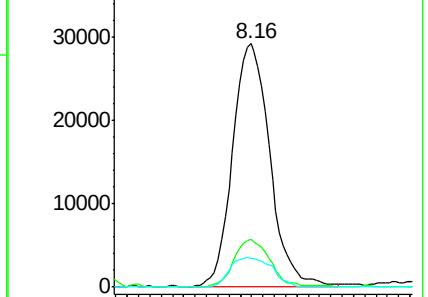
87 13.6 8.6 12.8#



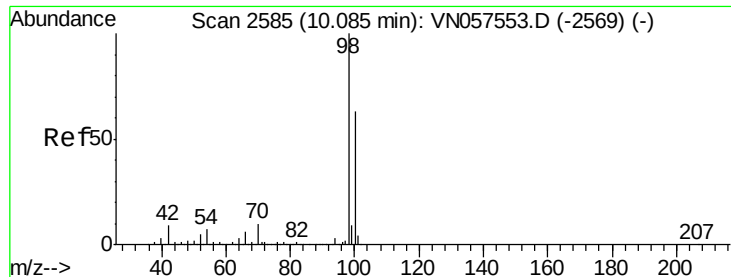
Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO



Time-->



#50

Toluene-d8

Concen: 37.775 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057598.D

Acq: 30 Aug 2019 19:37

Instrument :

MSVOA_N

ClientSampled :

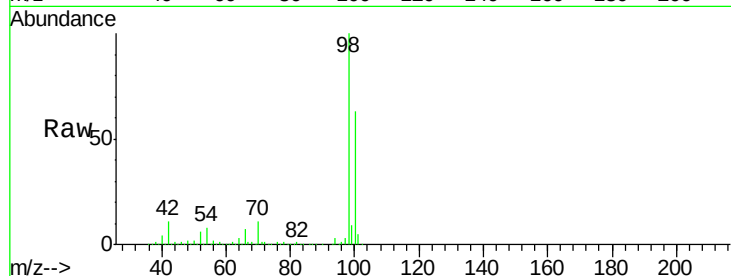
T2-S-A2-(0)

Tot Ion: 98 Resp: 1089902

Ion Ratio Lower Upper

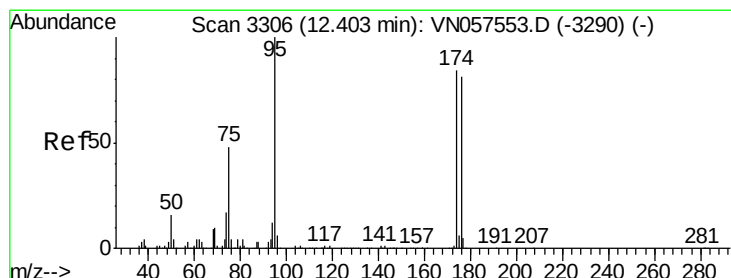
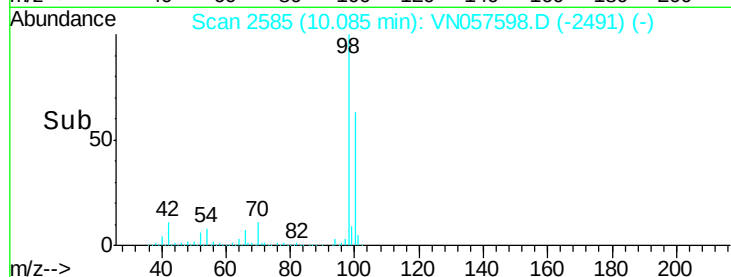
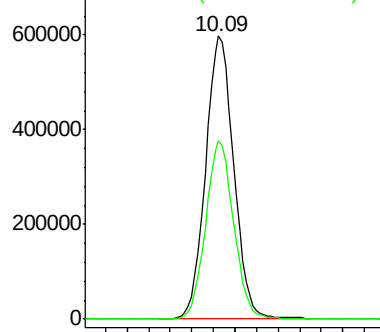
98 100

100 62.9 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 30.408 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057598.D

Acq: 30 Aug 2019 19:37

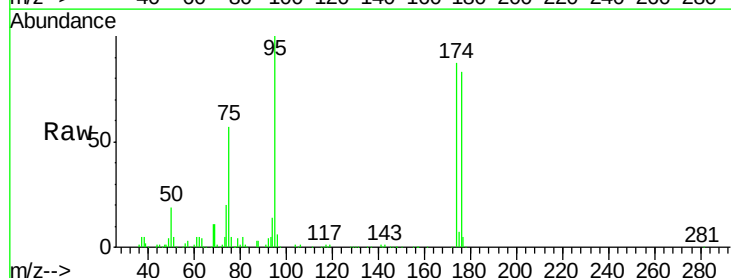
Tgt Ion: 95 Resp: 294510

Ion Ratio Lower Upper

95 100

174 87.1 0.0 133.0

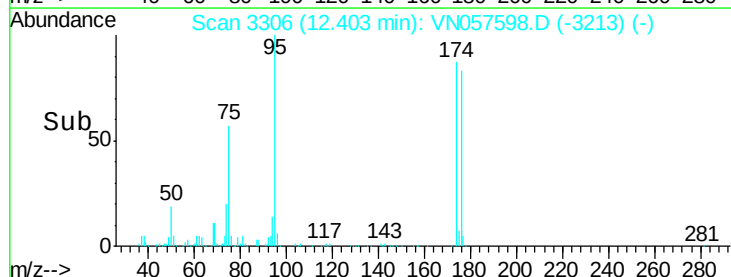
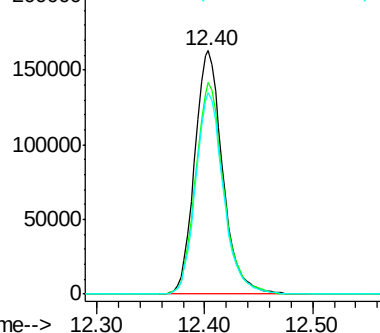
176 82.4 0.0 130.8

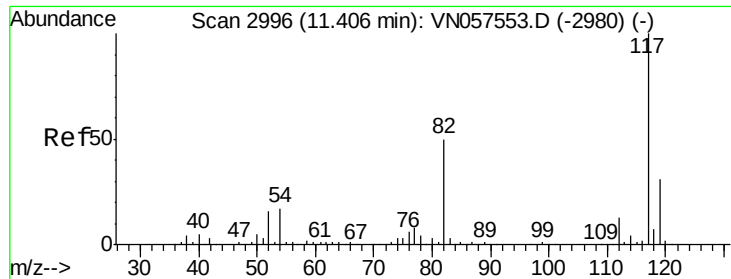


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

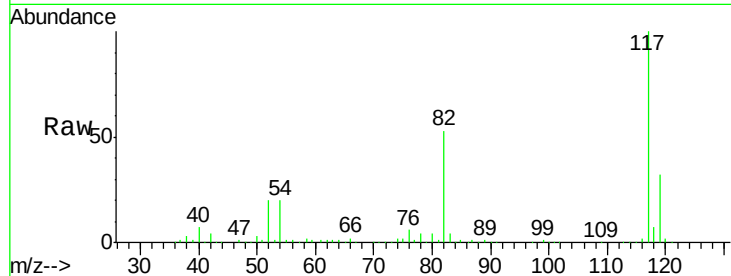




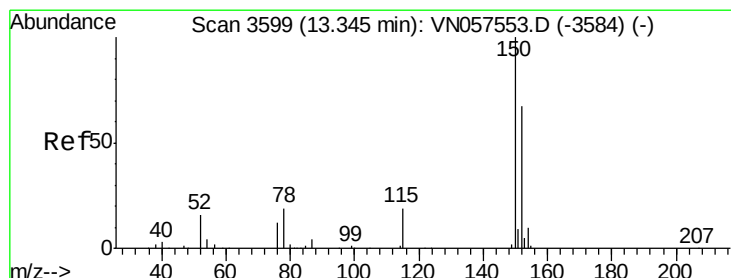
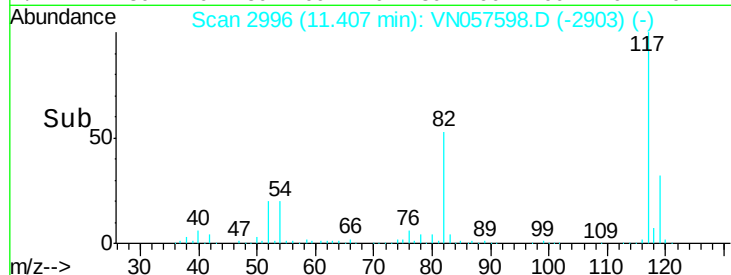
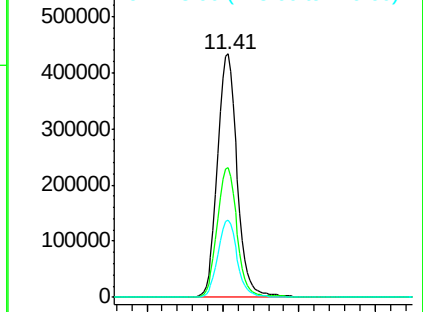
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN057598.D
 Acq: 30 Aug 2019 19:37

Instrument :
 MSVOA_N
 ClientSampled :
 T2-S-A2-(0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	50.6	75.8
119	31.7	24.6	36.8

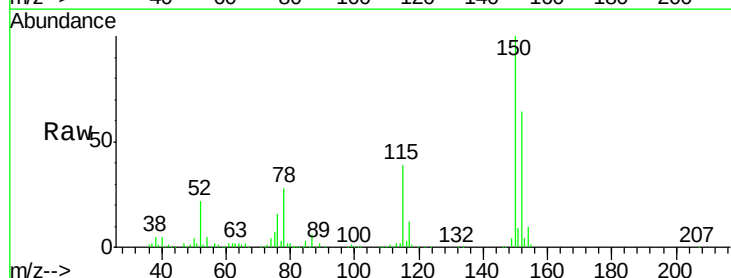


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3600
 Delta R.T. 0.00 min
 Lab File: VN057598.D
 Acq: 30 Aug 2019 19:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.0	32.0	96.0
150	158.0	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

