

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073119\
 Data File : VN057006.D
 Acq On : 31 Jul 2019 11:58
 Operator : JC/SP
 Sample : PB121844ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121844ZHE#03

Quant Time: Aug 01 01:48:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

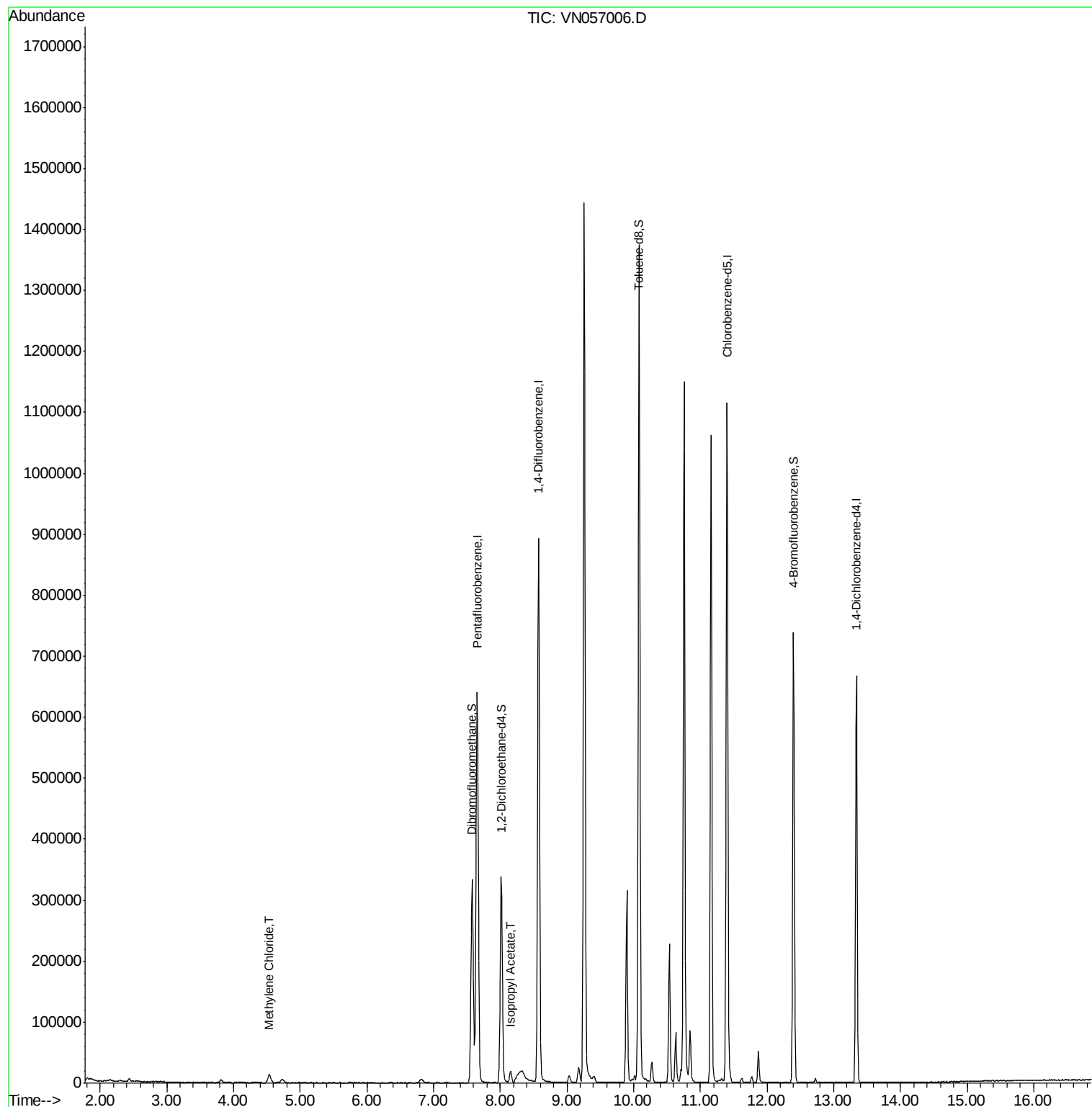
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	579082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	842010	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	709061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	197538	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	282478	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.30%	
35) Dibromofluoromethane	7.58	113	258876	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
50) Toluene-d8	10.08	98	1003097	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
62) 4-Bromofluorobenzene	12.40	95	266389	39.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.62%	
Target Compounds						
20) Methylene Chloride	4.54	84	11569	1.870	ug/l	86
43) Isopropyl Acetate	8.16	43	21566	2.199	ug/l #	90

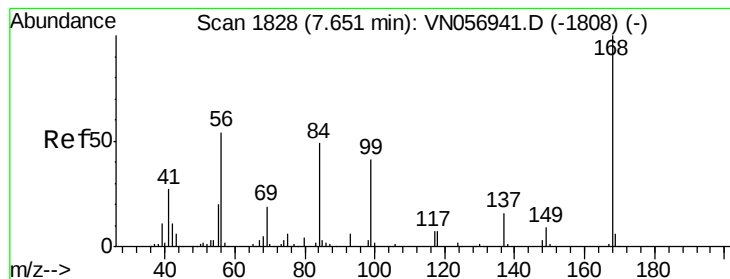
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 27 01:33:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN057006.D

Acq: 31 Jul 2019 11:58

Instrument :

MSVOA_N

ClientSampleId :

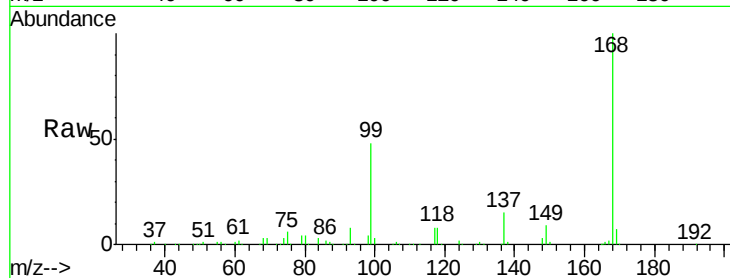
PB121844ZHE#03

Tot Ion:168 Resp: 579082

Ion Ratio Lower Upper

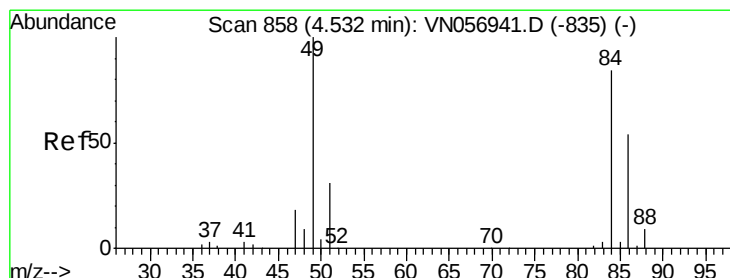
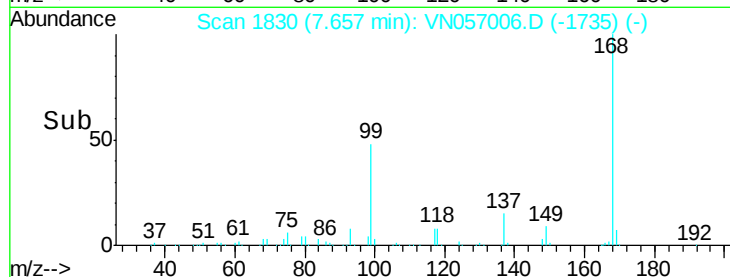
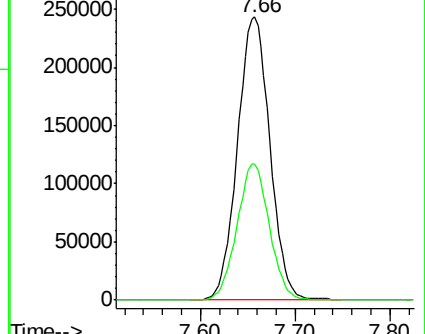
168 100

99 48.0 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 1.870 ug/l

RT: 4.54 min Scan# 859

Delta R.T. 0.00 min

Lab File: VN057006.D

Acq: 31 Jul 2019 11:58

Tgt Ion: 84 Resp: 11569

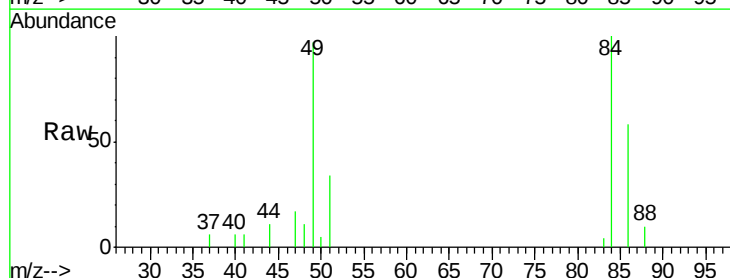
Ion Ratio Lower Upper

84 100

49 97.4 95.2 142.8

51 33.9 29.7 44.5

86 58.1 51.0 76.6

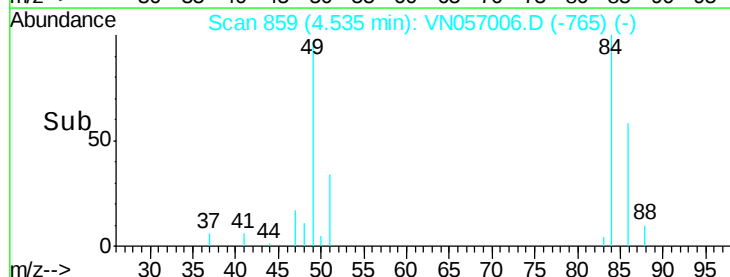
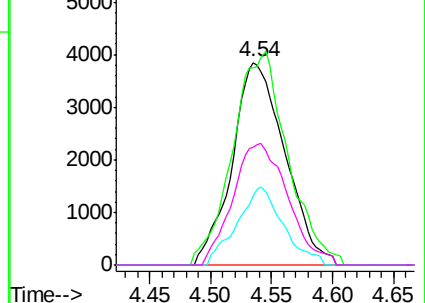


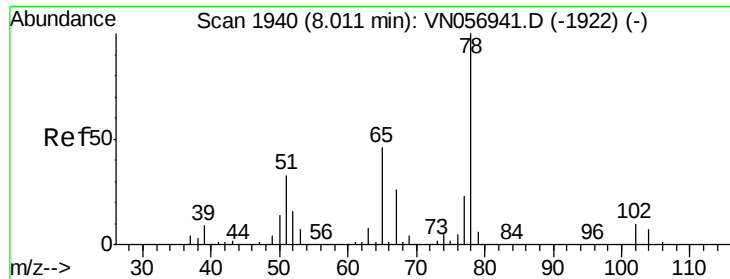
Abundance Ion 83.90 (83.60 to 84.60): VNO

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

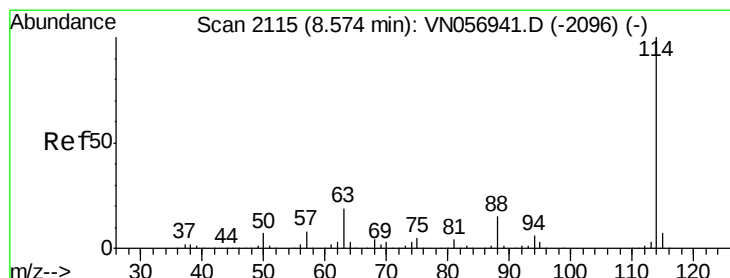
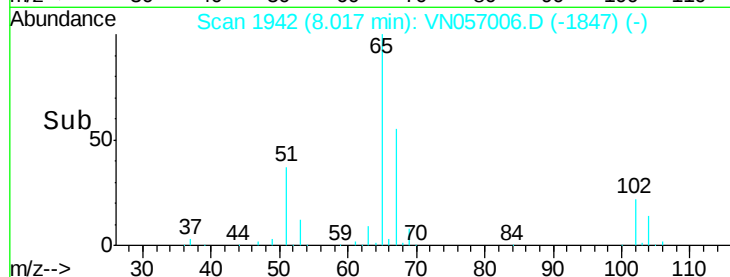
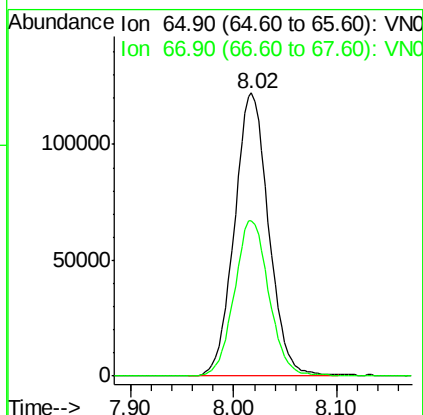
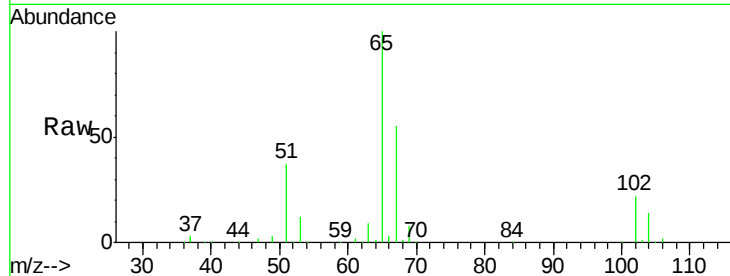




#33
 1,2-Dichloroethane-d4
 Concen: 47.654 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.01 min
 Lab File: VN057006.D
 Acq: 31 Jul 2019 11:58

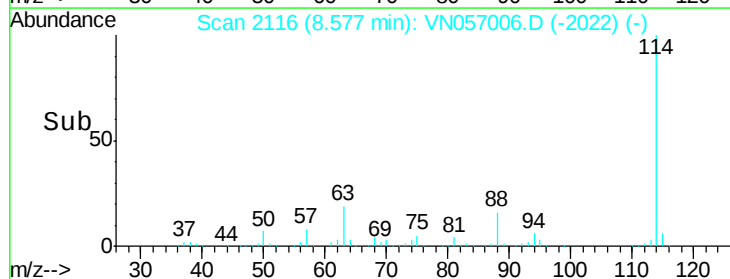
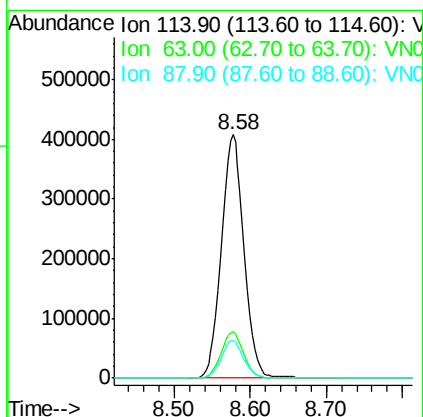
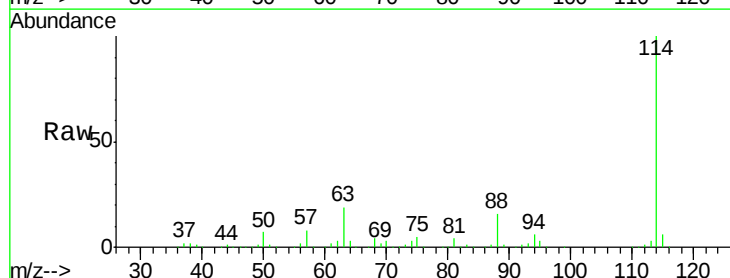
Instrument :
 MSVOA_N
 ClientSampleId :
 PB121844ZHE#03

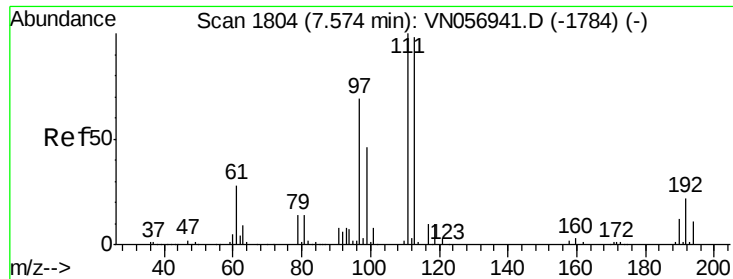
Tot Ion: 65 Resp: 282478
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057006.D
 Acq: 31 Jul 2019 11:58

Tgt Ion: 114 Resp: 842010
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.0
 88 15.6 0.0 30.0

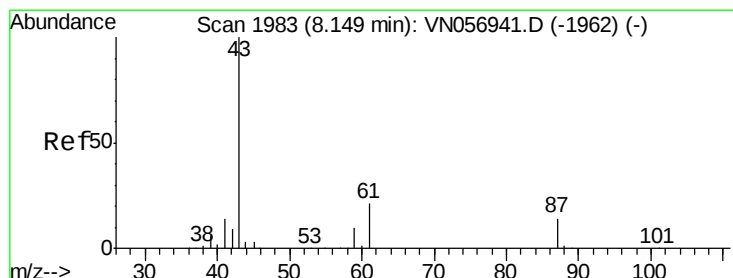
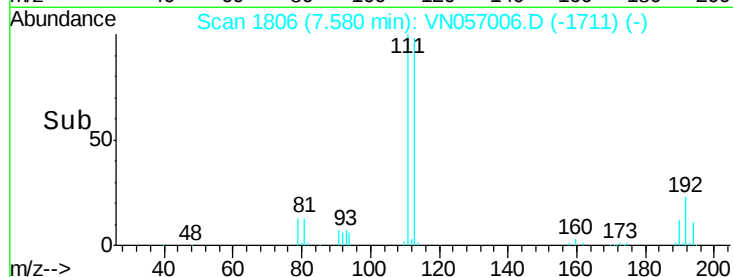
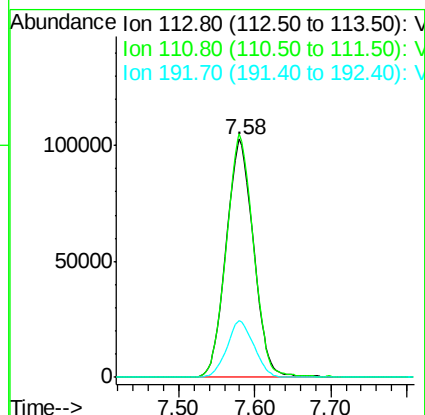
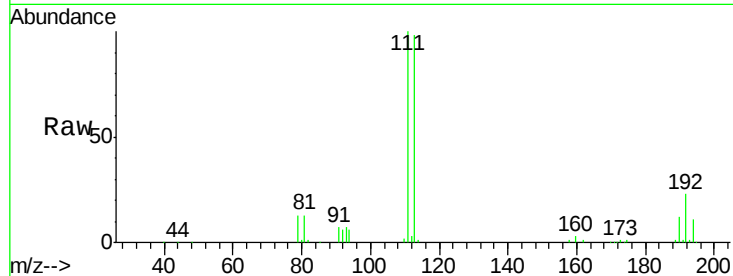




#35
 Dibromofluoromethane
 Concen: 48.027 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. 0.01 min
 Lab File: VN057006.D
 Acq: 31 Jul 2019 11:58

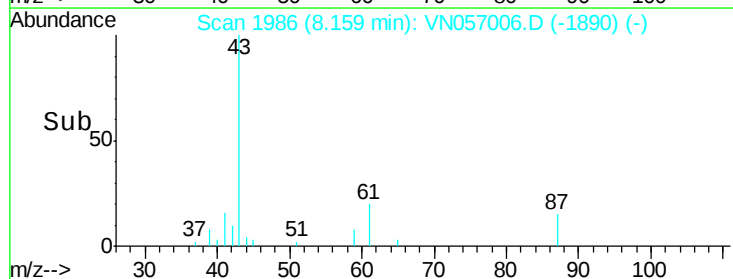
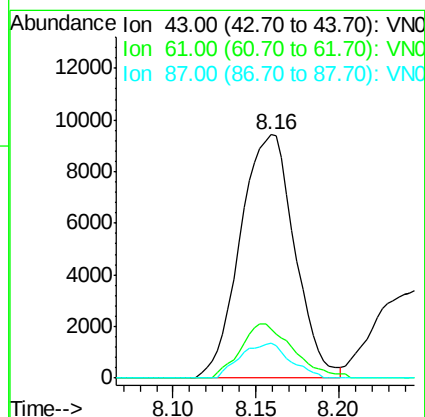
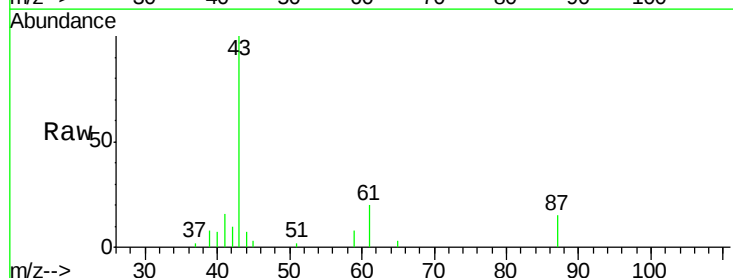
Instrument :
 MSVOA_N
 ClientSampleId :
 PB121844ZHE#03

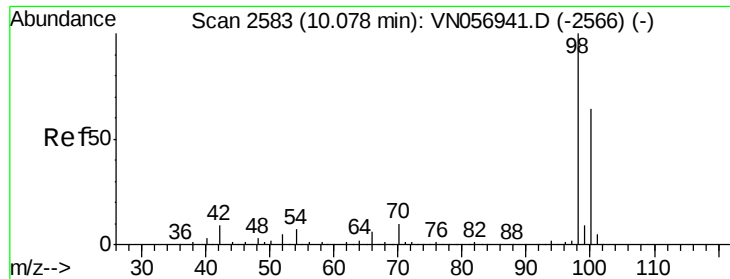
Tot Ion:113 Resp: 258876
 Ion Ratio Lower Upper
 113 100
 111 100.9 82.0 123.0
 192 23.4 18.4 27.6



#43
 Isopropyl Acetate
 Concen: 2.199 ug/l
 RT: 8.16 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VN057006.D
 Acq: 31 Jul 2019 11:58

Tgt Ion: 43 Resp: 21566
 Ion Ratio Lower Upper
 43 100
 61 21.5 23.0 34.6#
 87 13.2 11.7 17.5





#50

Toluene-d8

Concen: 48.799 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.01 min

Lab File: VN057006.D

Acq: 31 Jul 2019 11:58

Instrument :

MSVOA_N

ClientSampleId :

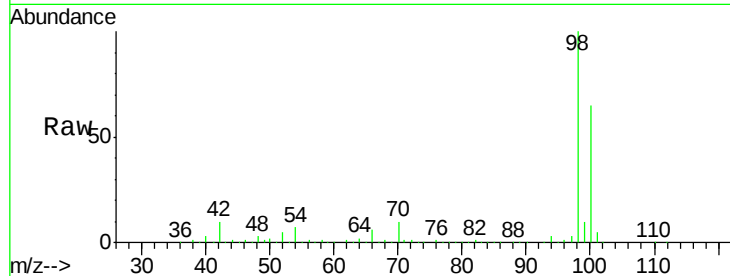
PB121844ZHE#03

Tot Ion: 98 Resp: 1003097

Ion Ratio Lower Upper

98 100

100 64.5 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN056941.D (-2566) (-)

Ion 100.00 (99.70 to 100.70): VN056941.D (-2566) (-)

10.08

600000

500000

400000

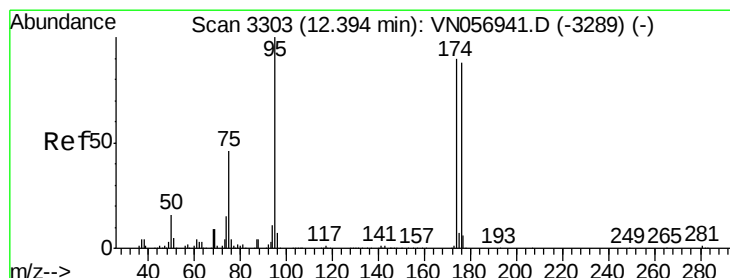
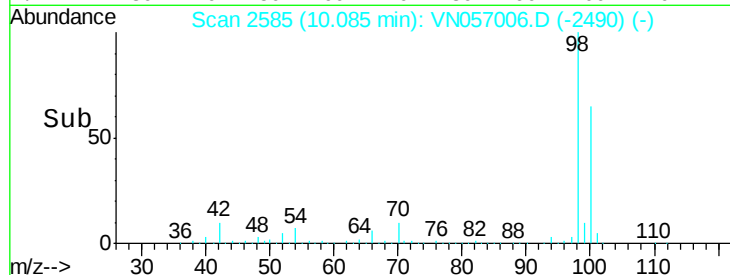
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 39.808 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.01 min

Lab File: VN057006.D

Acq: 31 Jul 2019 11:58

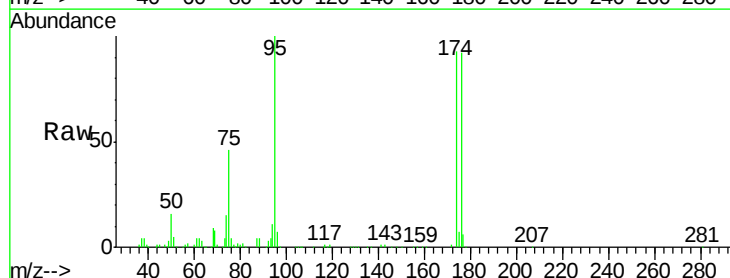
Tgt Ion: 95 Resp: 266389

Ion Ratio Lower Upper

95 100

174 93.2 0.0 182.2

176 90.4 0.0 179.4



Abundance Ion 94.90 (94.60 to 95.60): VN056941.D (-3289) (-)

Ion 173.80 (173.50 to 174.50): VN056941.D (-3289) (-)

Ion 175.80 (175.50 to 176.50): VN056941.D (-3289) (-)

12.40

200000

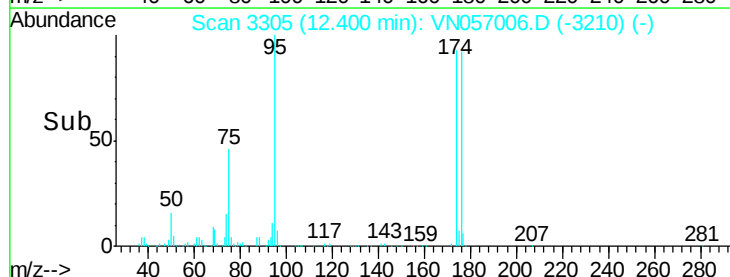
150000

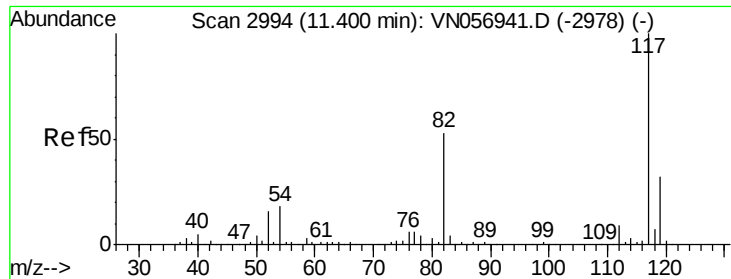
100000

50000

0

Time-->

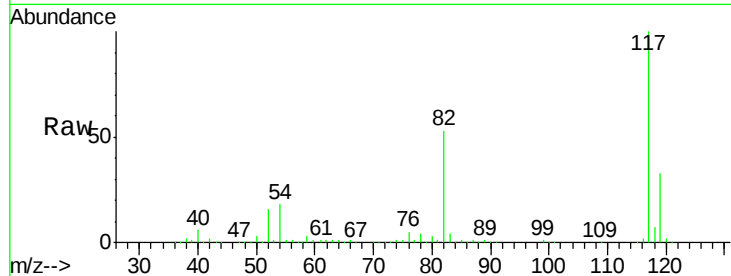




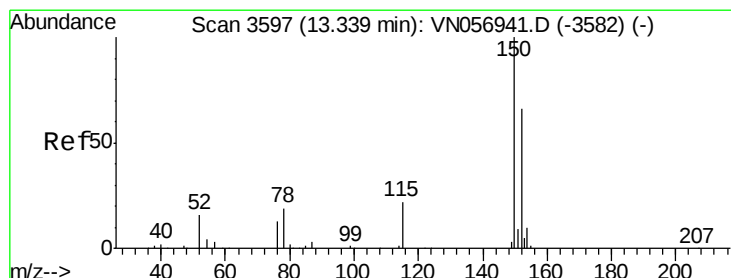
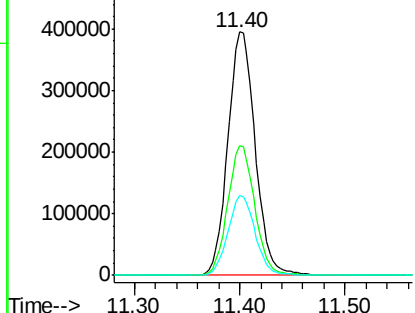
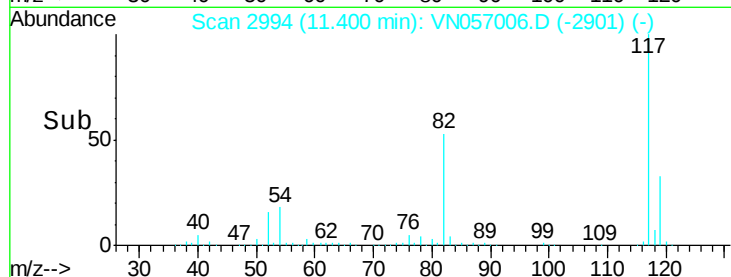
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN057006.D
Acq: 31 Jul 2019 11:58

Instrument :
MSVOA_N
ClientSampleId :
PB121844ZHE#03

Tot Ion:117 Resp: 709061
Ion Ratio Lower Upper
117 100
82 53.2 42.2 63.4
119 32.6 25.8 38.6

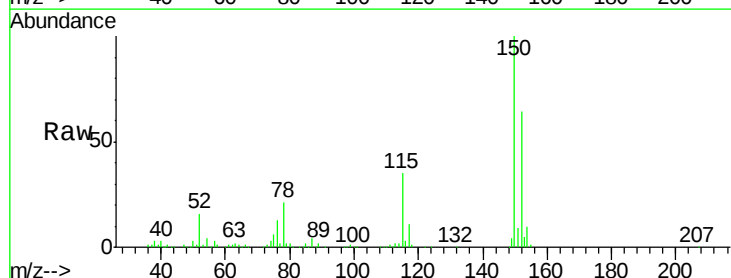


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN057006.D
Acq: 31 Jul 2019 11:58

Tgt Ion:152 Resp: 197538
Ion Ratio Lower Upper
152 100
115 55.5 28.2 84.6
150 157.6 0.0 349.4



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

