

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073119\
 Data File : VN057007.D
 Acq On : 31 Jul 2019 12:21
 Operator : JC/SP
 Sample : PB121844ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121844ZHE#04

Quant Time: Aug 01 01:50:03 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

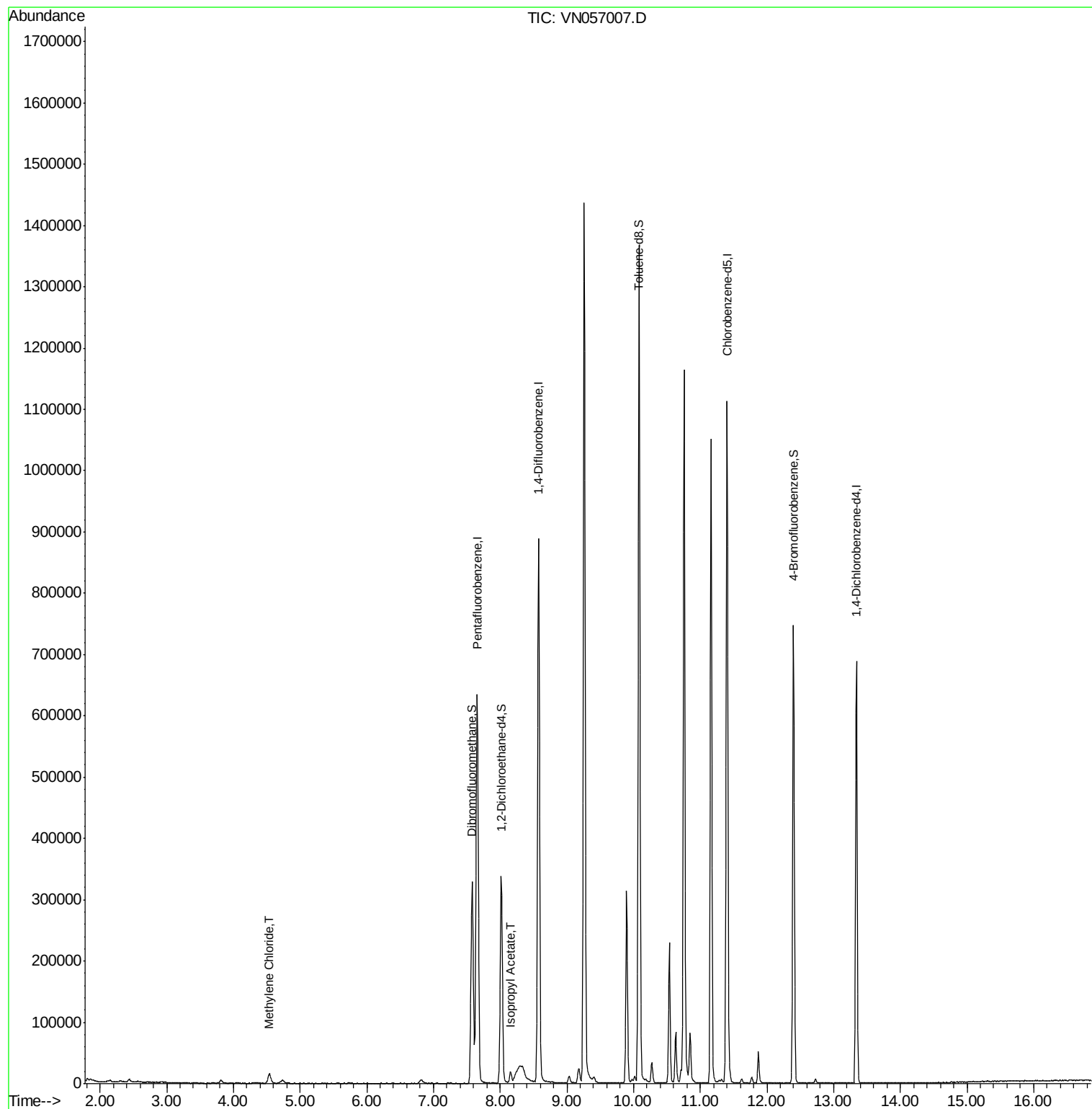
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	570766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	841017	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	718944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	202923	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	286006	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
35) Dibromofluoromethane	7.58	113	259716	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
50) Toluene-d8	10.08	98	1005028	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
62) 4-Bromofluorobenzene	12.40	95	268529	40.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.36%	
Target Compounds						
20) Methylene Chloride	4.54	84	12842	2.106	ug/l	92
43) Isopropyl Acetate	8.16	43	20502	2.093	ug/l	92

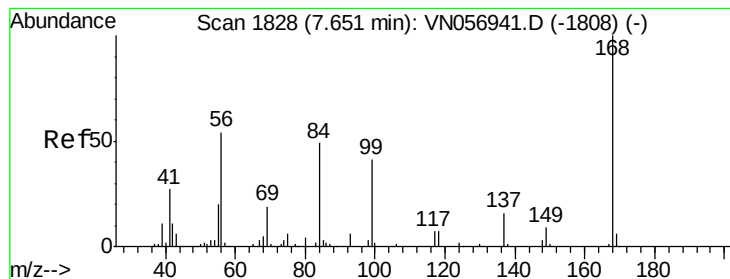
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jul 27 01:33:29 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN057007.D

Acq: 31 Jul 2019 12:21

Instrument :

MSVOA_N

ClientSampleId :

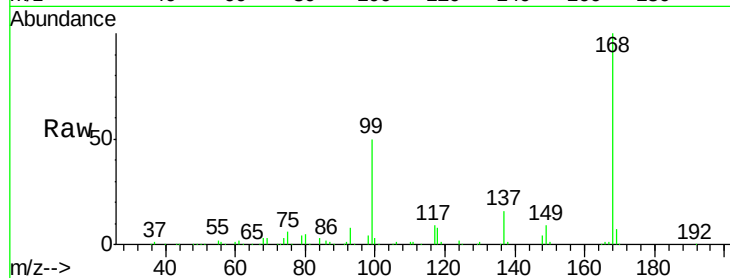
PB121844ZHE#04

Tot Ion:168 Resp: 570766

Ion Ratio Lower Upper

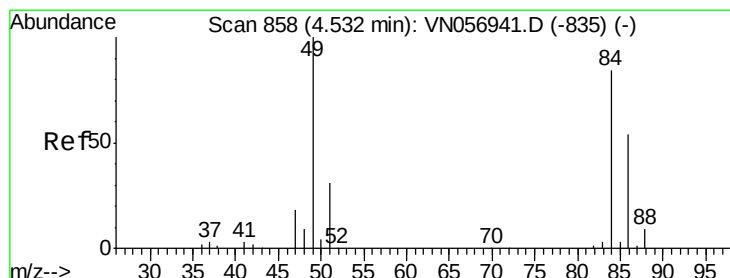
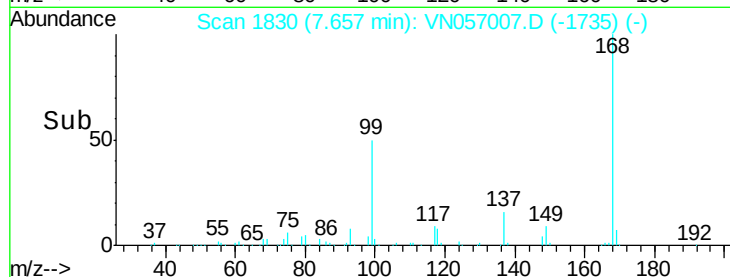
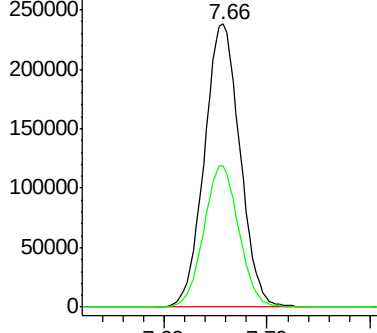
168 100

99 49.7 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: 2.106 ug/l

RT: 4.54 min Scan# 860

Delta R.T. 0.01 min

Lab File: VN057007.D

Acq: 31 Jul 2019 12:21

Tgt Ion: 84 Resp: 12842

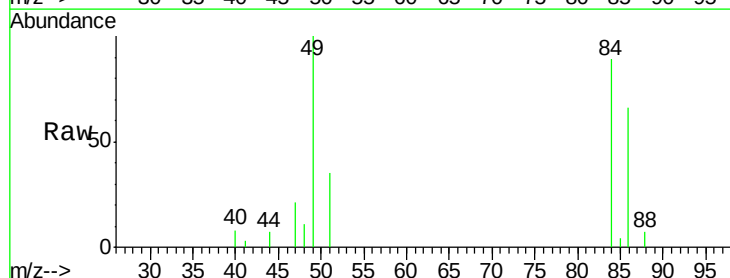
Ion Ratio Lower Upper

84 100

49 112.8 95.2 142.8

51 39.4 29.7 44.5

86 74.3 51.0 76.6

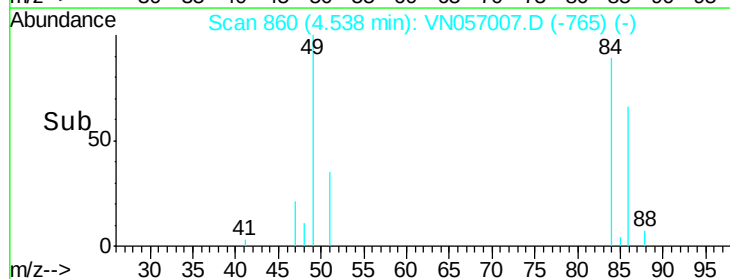
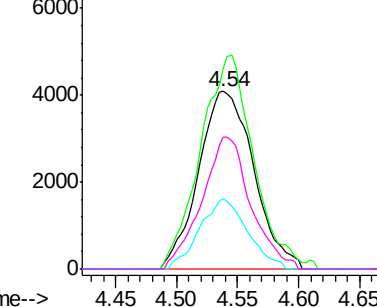


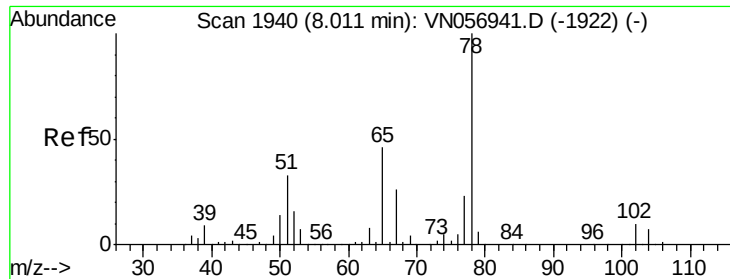
Abundance Ion 83.90 (83.60 to 84.60): VNO

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

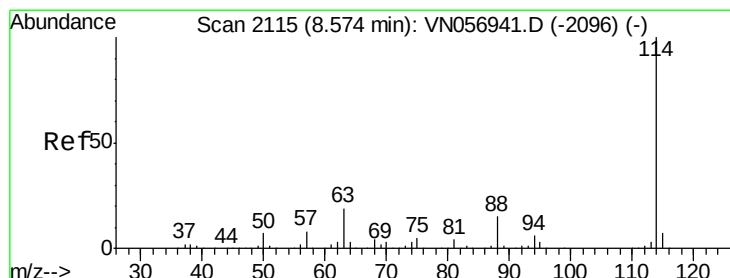
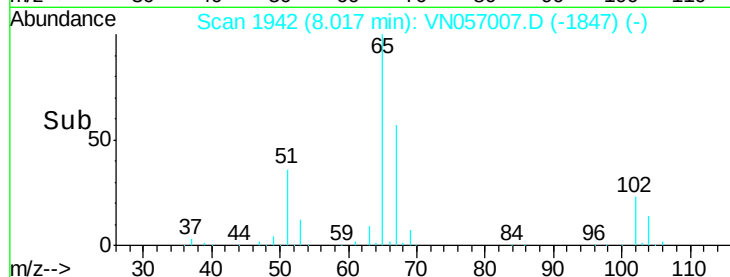
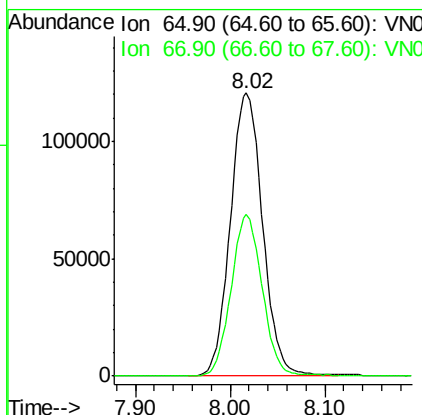
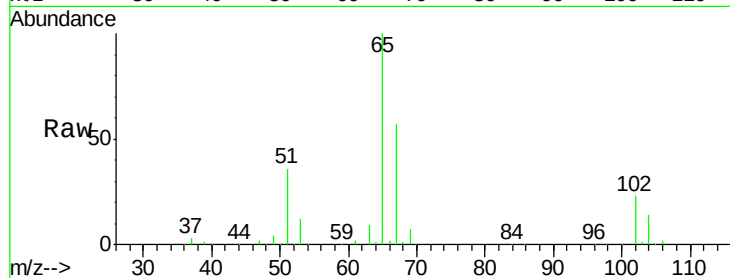




#33
 1,2-Dichloroethane-d4
 Concen: 48.952 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.01 min
 Lab File: VN057007.D
 Acq: 31 Jul 2019 12:21

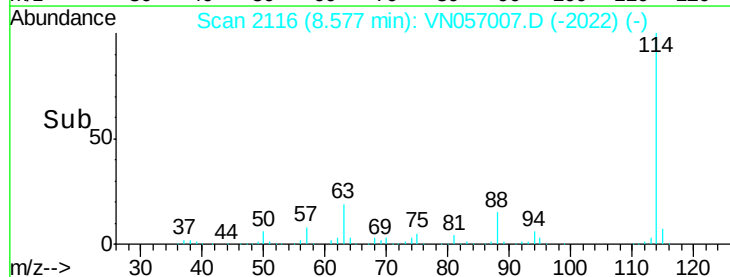
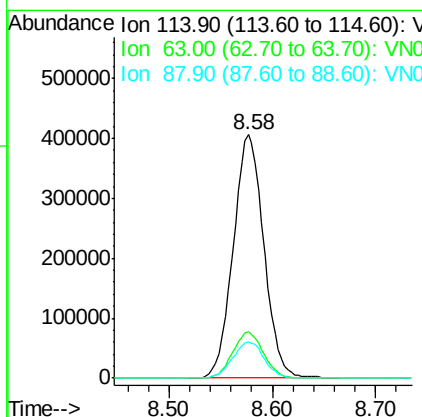
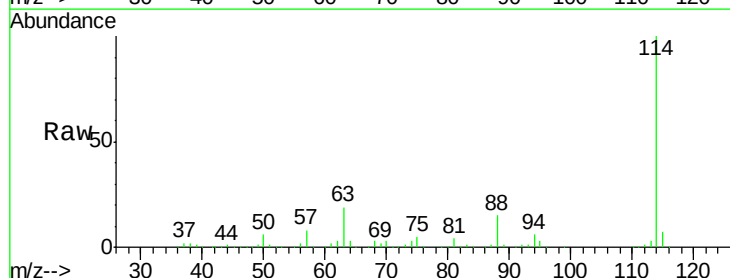
Instrument :
 MSVOA_N
 ClientSampleId :
 PB121844ZHE#04

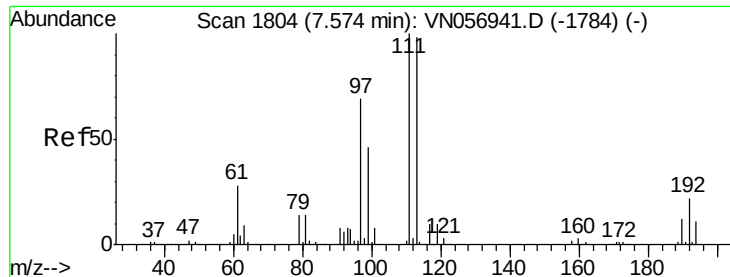
Tot Ion: 65 Resp: 286006
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057007.D
 Acq: 31 Jul 2019 12:21

Tgt Ion: 114 Resp: 841017
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.0
 88 14.8 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.239 ug/l

RT: 7.58 min Scan# 1807

Delta R.T. 0.01 min

Lab File: VN057007.D

Acq: 31 Jul 2019 12:21

Instrument :

MSVOA_N

ClientSampleId :

PB121844ZHE#04

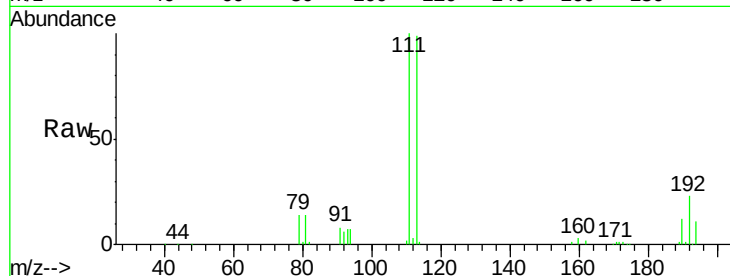
Tot Ion:113 Resp: 259716

Ion Ratio Lower Upper

113 100

111 101.4 82.0 123.0

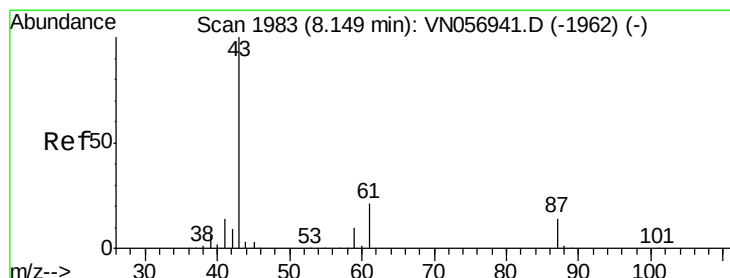
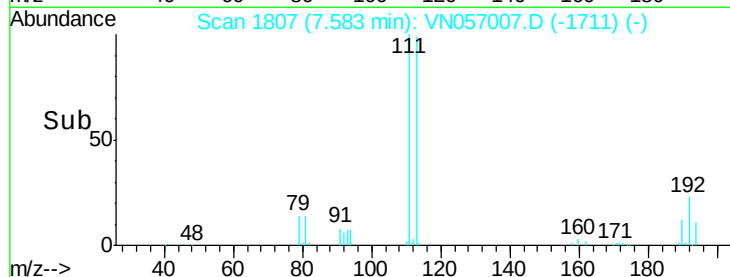
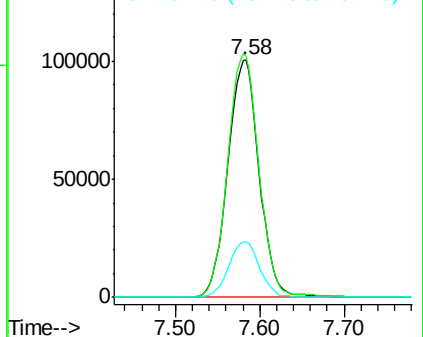
192 23.2 18.4 27.6



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: 2.093 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.01 min

Lab File: VN057007.D

Acq: 31 Jul 2019 12:21

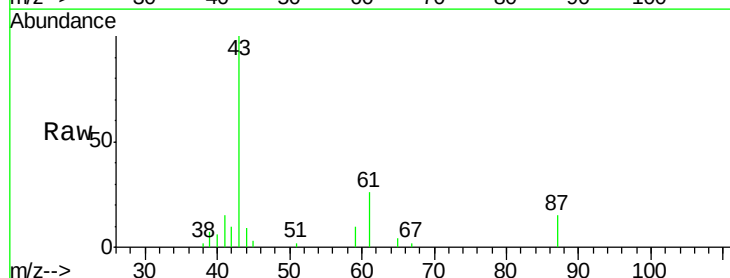
Tgt Ion: 43 Resp: 20502

Ion Ratio Lower Upper

43 100

61 23.5 23.0 34.6

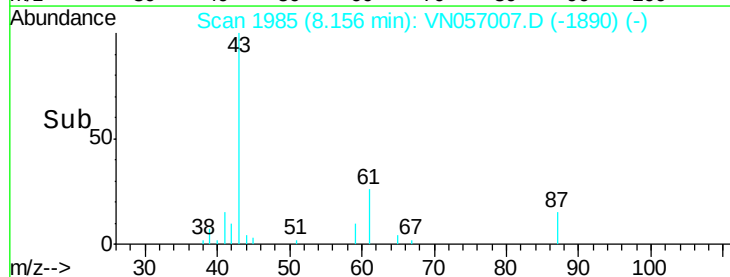
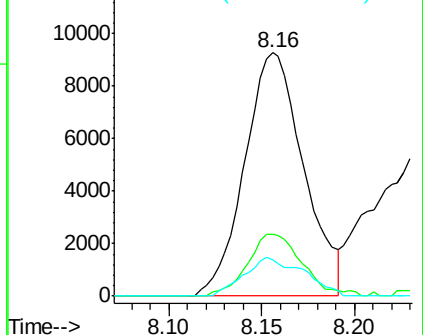
87 16.0 11.7 17.5

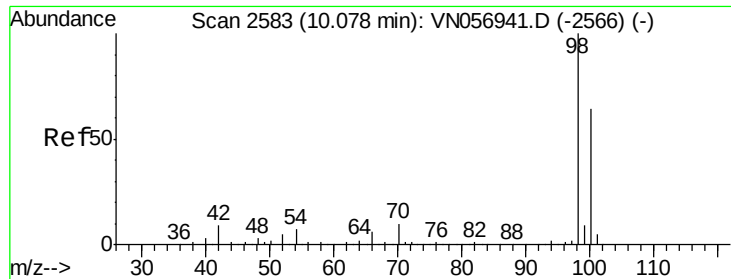


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 48.951 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN057007.D

Acq: 31 Jul 2019 12:21

Instrument :

MSVOA_N

ClientSampleId :

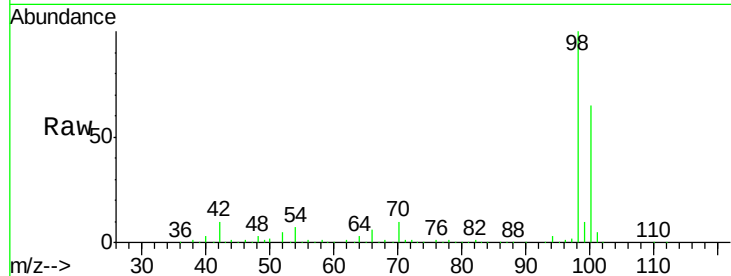
PB121844ZHE#04

Tot Ion: 98 Resp: 1005028

Ion Ratio Lower Upper

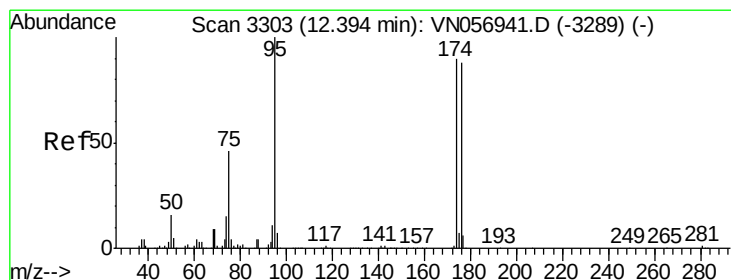
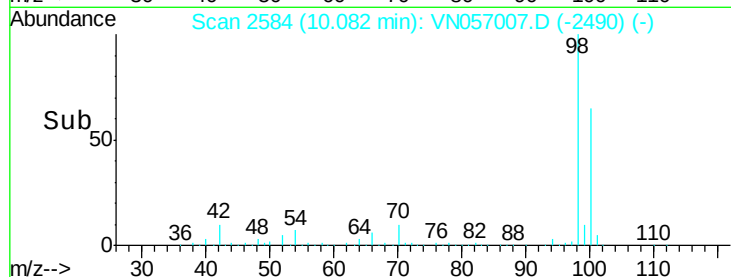
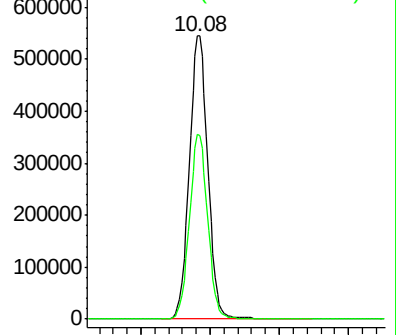
98 100

100 64.3 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 40.176 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN057007.D

Acq: 31 Jul 2019 12:21

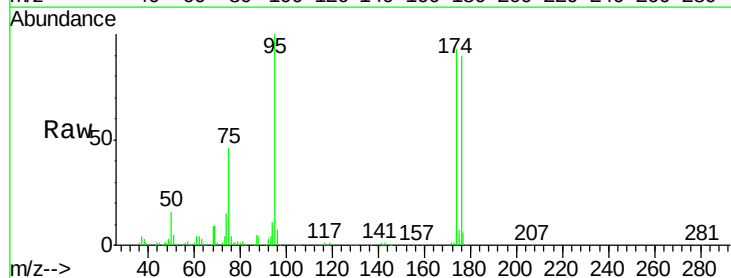
Tgt Ion: 95 Resp: 268529

Ion Ratio Lower Upper

95 100

174 94.0 0.0 182.2

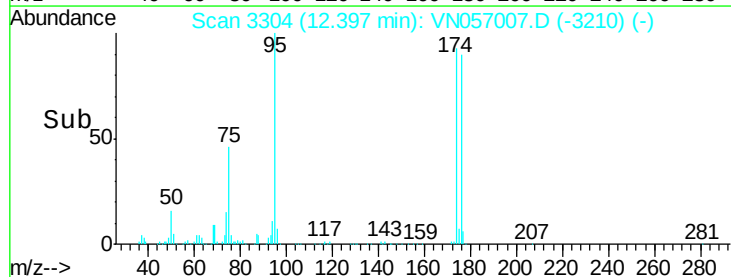
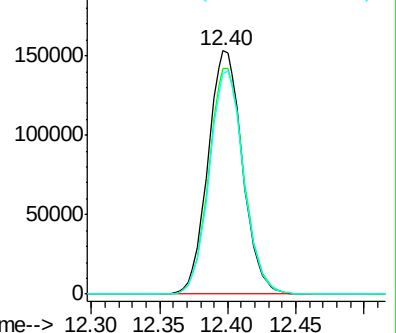
176 91.2 0.0 179.4

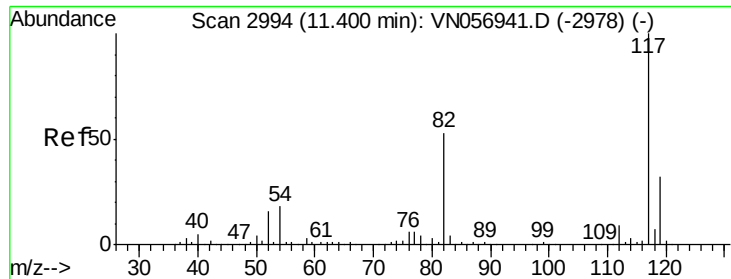


Abundance Ion 94.90 (94.60 to 95.60): VN0

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: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN057007.D

Acq: 31 Jul 2019 12:21

Instrument :

MSVOA_N

ClientSampleId :

PB121844ZHE#04

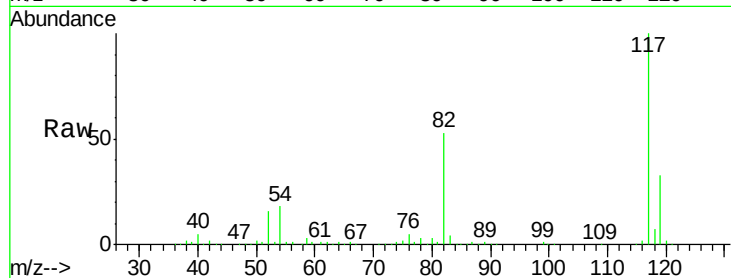
Tot Ion:117 Resp: 718944

Ion Ratio Lower Upper

117 100

82 52.5 42.2 63.4

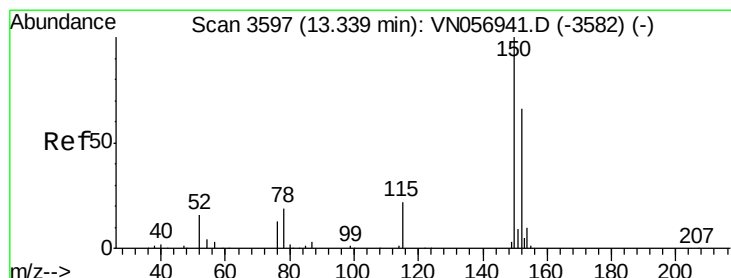
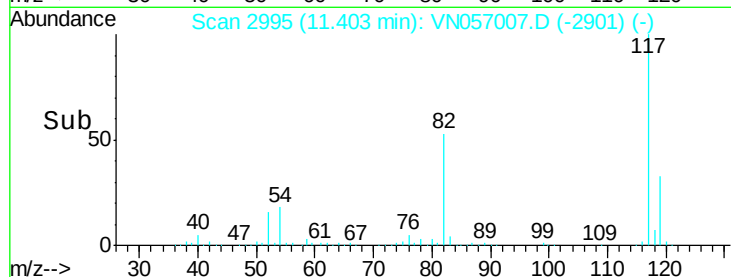
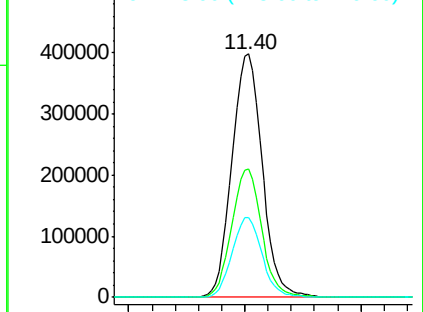
119 32.6 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

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: VN057007.D

Acq: 31 Jul 2019 12:21

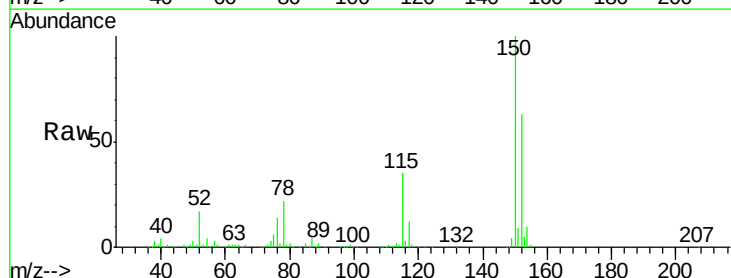
Tgt Ion:152 Resp: 202923

Ion Ratio Lower Upper

152 100

115 54.9 28.2 84.6

150 158.3 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

