

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021519\
 Data File : VN053827.D
 Acq On : 16 Feb 2019 4:14
 Operator : JC/SP
 Sample : PB117124ZHE#12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117124ZHE#12

Quant Time: Feb 18 08:22:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

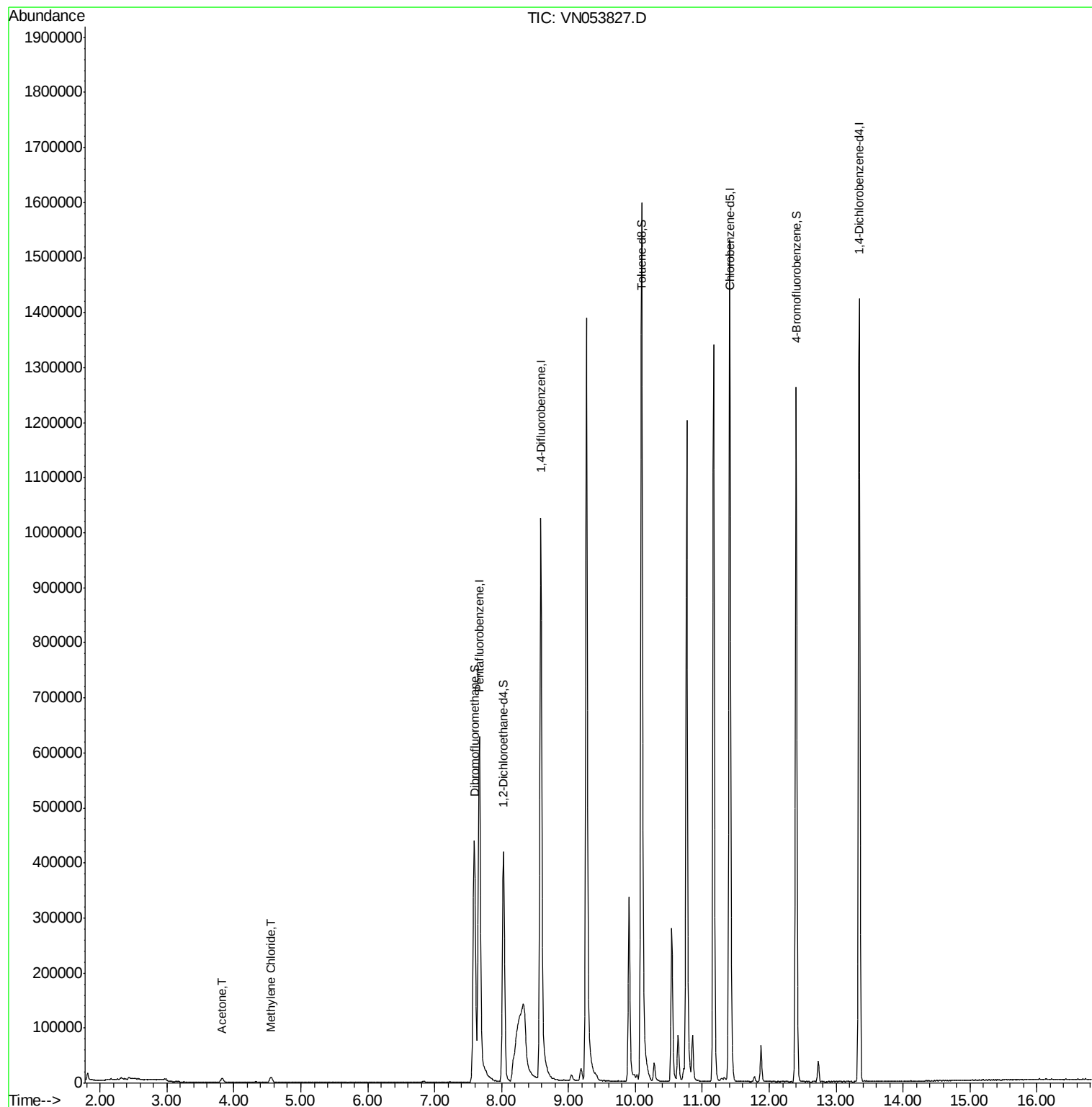
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	642637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1086932	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1028031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	426281	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	357928	55.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.04%	
35) Dibromofluoromethane	7.59	113	348114	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
50) Toluene-d8	10.09	98	1329746	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
62) 4-Bromofluorobenzene	12.40	95	445508	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.60%	
Target Compounds						
16) Acetone	3.82	43	14720	8.902	ug/l	91
20) Methylene Chloride	4.56	84	7826	1.128	ug/l #	89

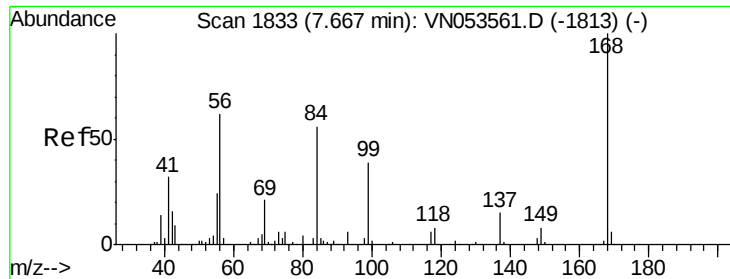
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053827.D

Acq: 16 Feb 2019 4:14

Instrument :

MSVOA_N

ClientSampleId :

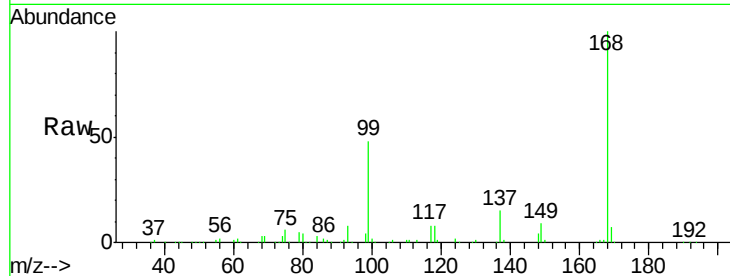
PB117124ZHE#12

Tot Ion:168 Resp: 642637

Ion Ratio Lower Upper

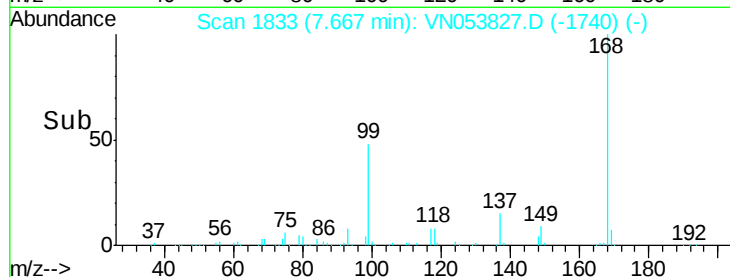
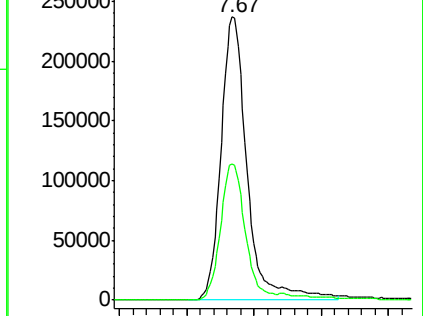
168 100

99 48.3 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 8.902 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053827.D

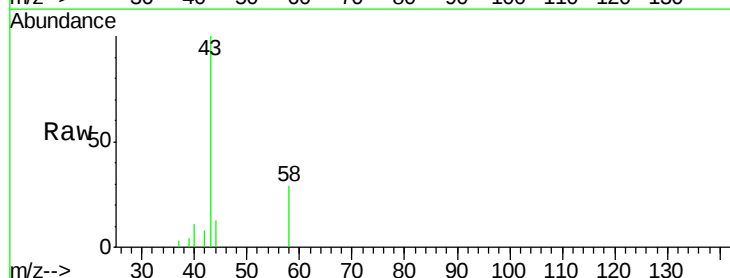
Acq: 16 Feb 2019 4:14

Tgt Ion: 43 Resp: 14720

Ion Ratio Lower Upper

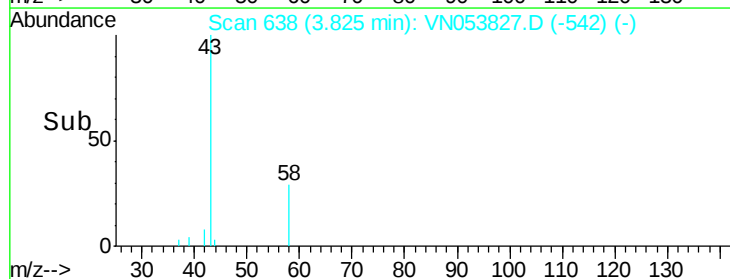
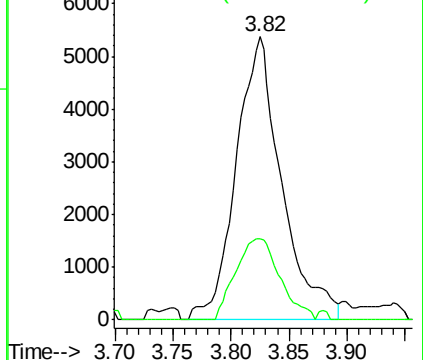
43 100

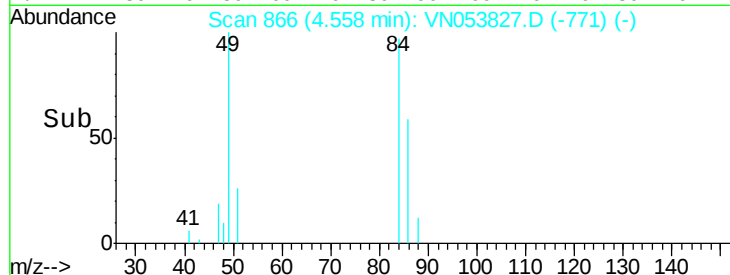
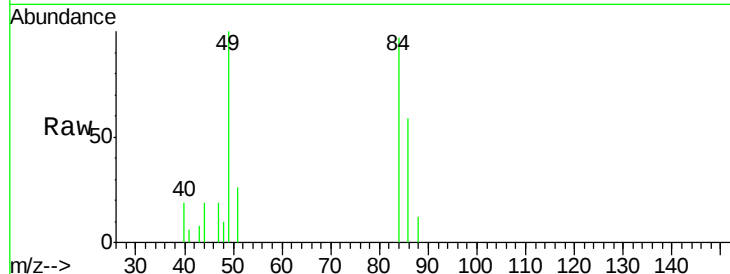
58 28.6 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

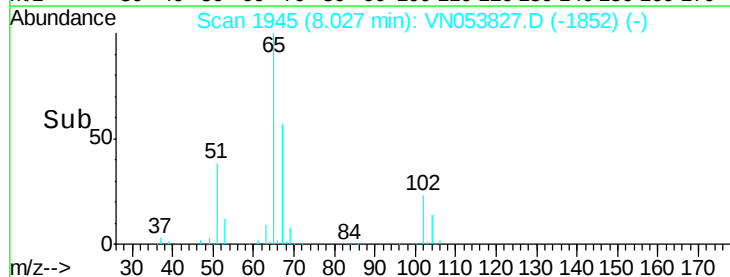
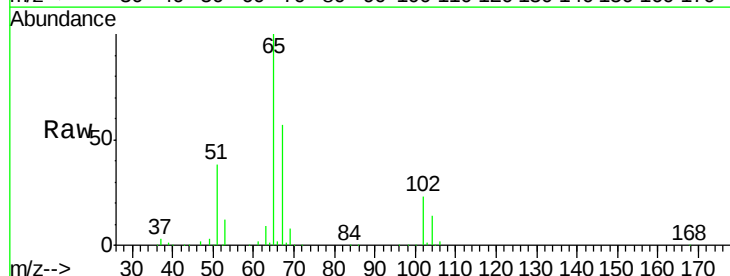
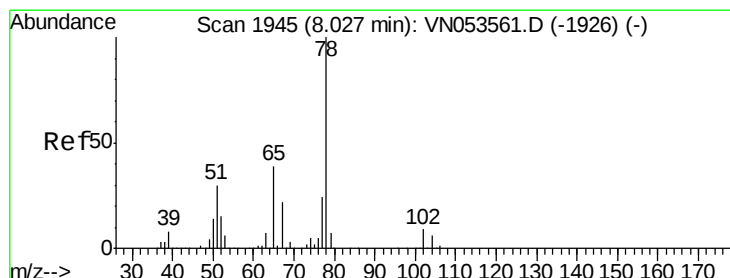
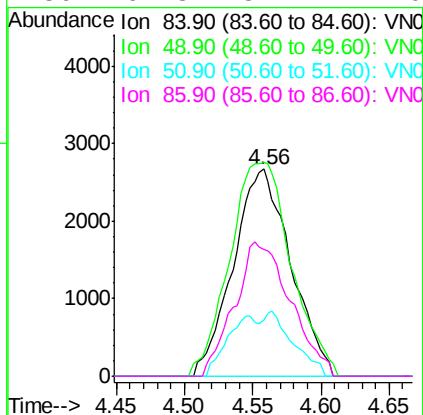




#20
Methvlene Chloride
Concen: 1.128 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053827.D
Acq: 16 Feb 2019 4:14

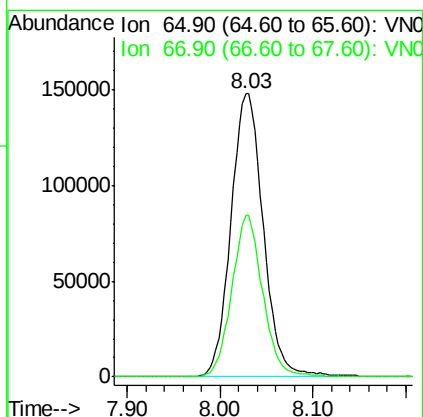
Instrument :
MSVOA_N
ClientSampleId :
PB117124ZHE#12

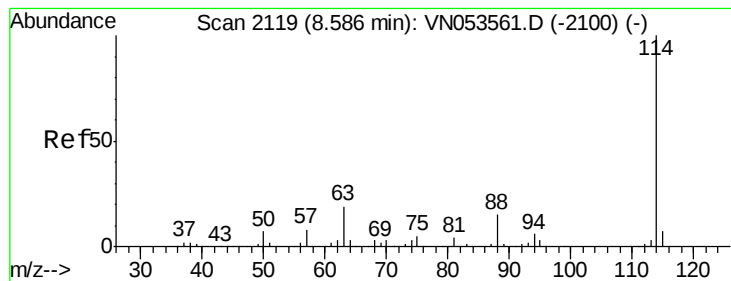
Tot Ion:	84	Resp:	7826
Ion	Ratio	Lower	Upper
84	100		
49	103.3	94.3	141.5
51	27.4	29.4	44.2#
86	61.3	51.4	77.0



#33
1,2-Dichloroethane-d4
Concen: 55.520 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053827.D
Acq: 16 Feb 2019 4:14

Tgt Ion:	65	Resp:	357928
Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	111.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053827.D

Acq: 16 Feb 2019 4:14

Instrument :

MSVOA_N

ClientSampleId :

PB117124ZHE#12

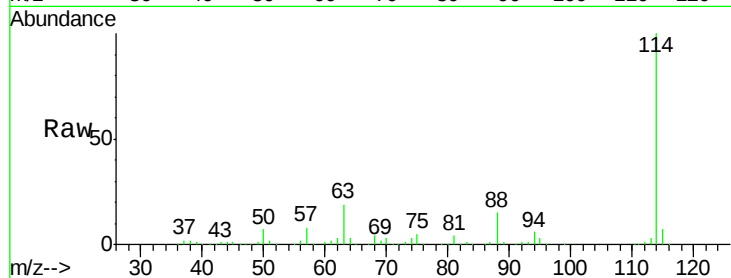
Tot Ion:114 Resp: 1086932

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.6

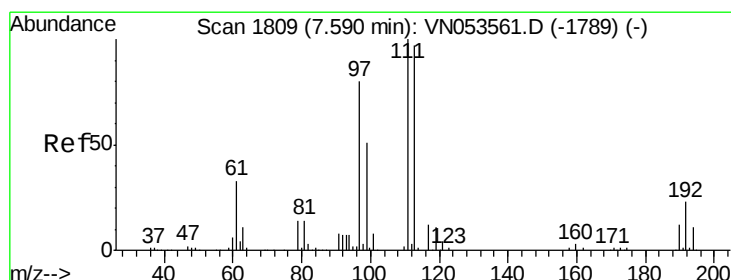
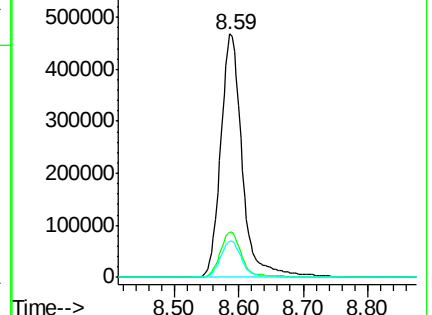
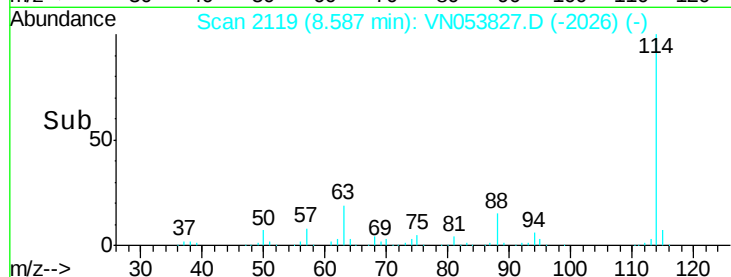
88 15.1 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.686 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053827.D

Acq: 16 Feb 2019 4:14

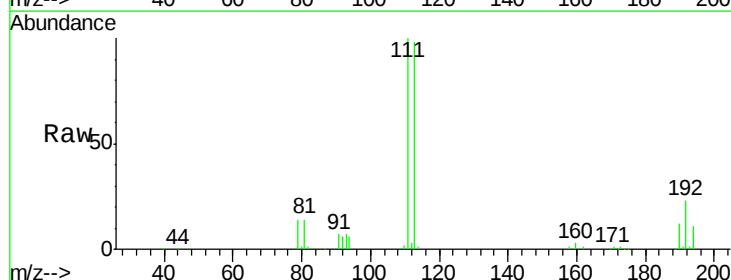
Tgt Ion:113 Resp: 348114

Ion Ratio Lower Upper

113 100

111 102.8 81.1 121.7

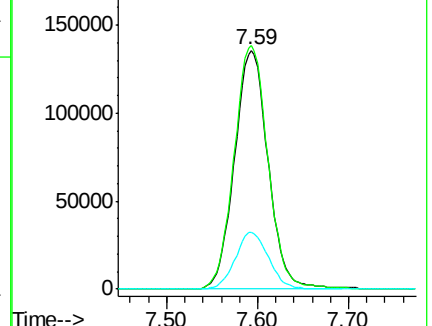
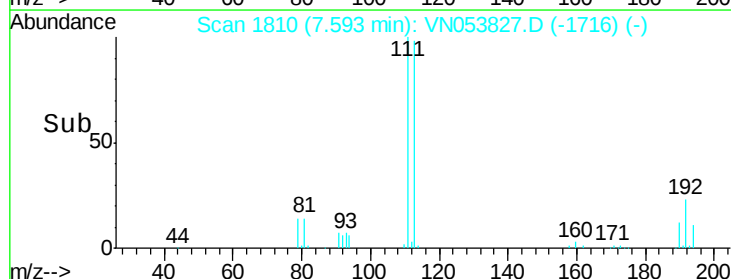
192 23.6 18.2 27.2

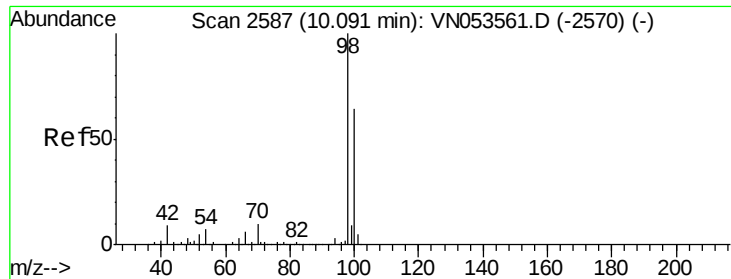


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.564 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053827.D

Acq: 16 Feb 2019 4:14

Instrument :

MSVOA_N

ClientSampleId :

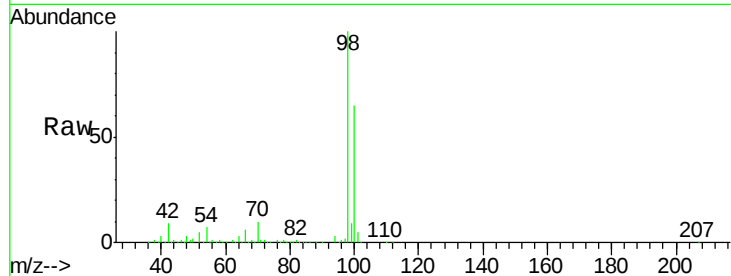
PB117124ZHE#12

Tot Ion: 98 Resp: 1329746

Ion Ratio Lower Upper

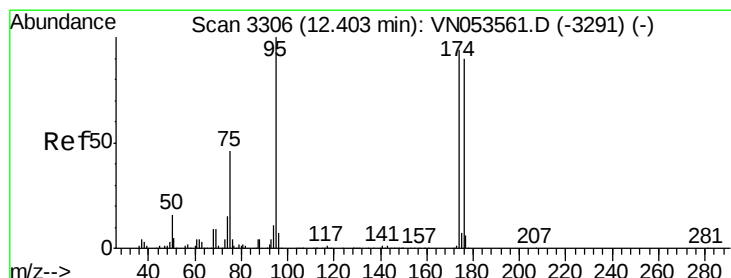
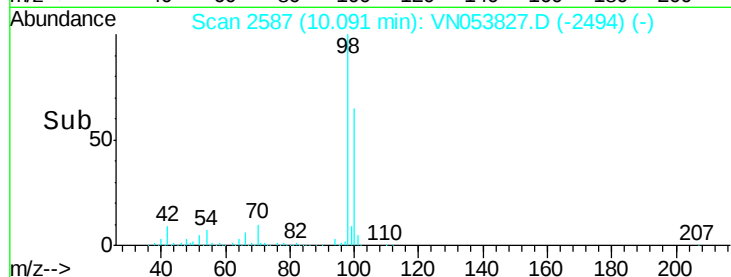
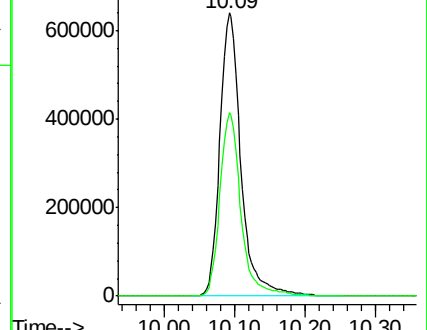
98 100

100 64.7 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053561.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN053827.D (-2494) (-)



#62

4-Bromofluorobenzene

Concen: 51.799 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053827.D

Acq: 16 Feb 2019 4:14

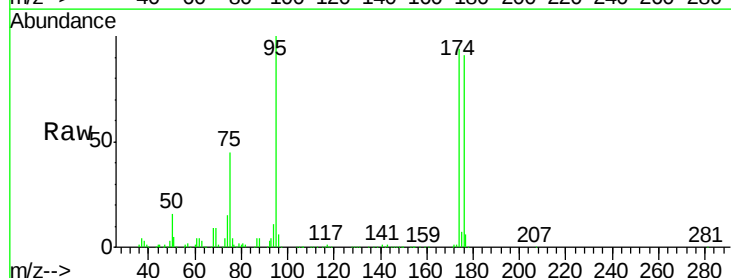
Tgt Ion: 95 Resp: 445508

Ion Ratio Lower Upper

95 100

174 95.0 0.0 183.2

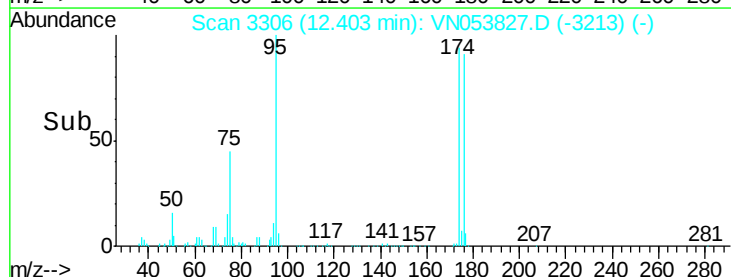
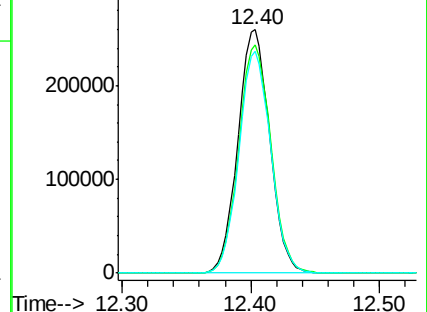
176 91.2 0.0 177.4

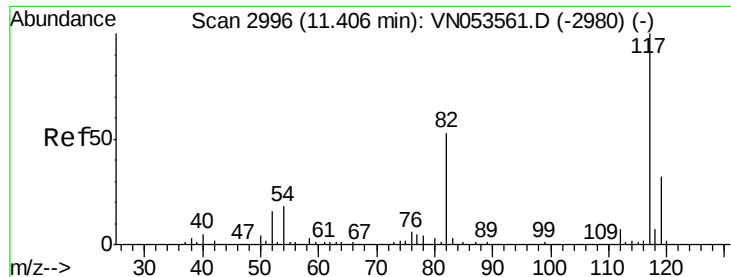


Abundance Ion 94.90 (94.60 to 95.60): VN053561.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053827.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN053827.D (-3213) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053827.D

Acq: 16 Feb 2019 4:14

Instrument :

MSVOA_N

ClientSampleId :

PB117124ZHE#12

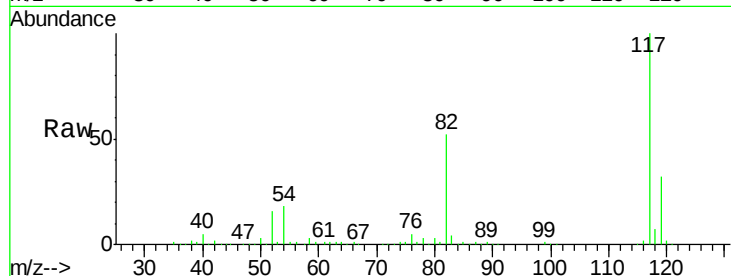
Tot Ion:117 Resp: 1028031

Ion Ratio Lower Upper

117 100

82 52.1 42.9 64.3

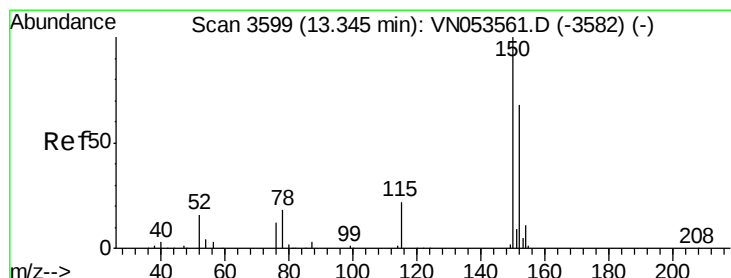
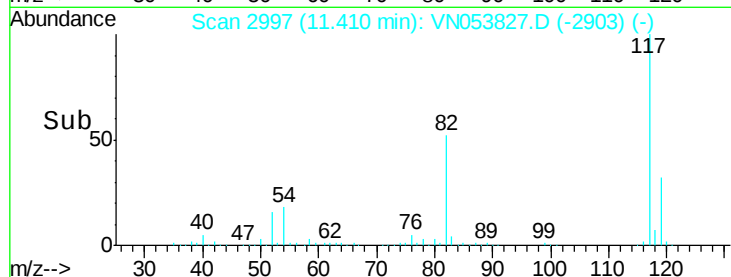
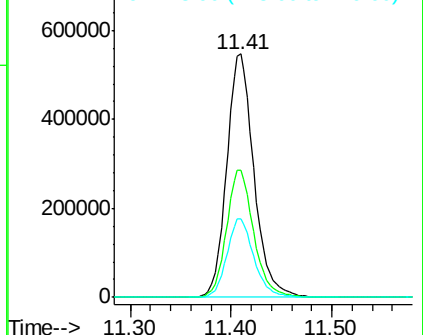
119 32.4 26.0 39.0



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053827.D

Acq: 16 Feb 2019 4:14

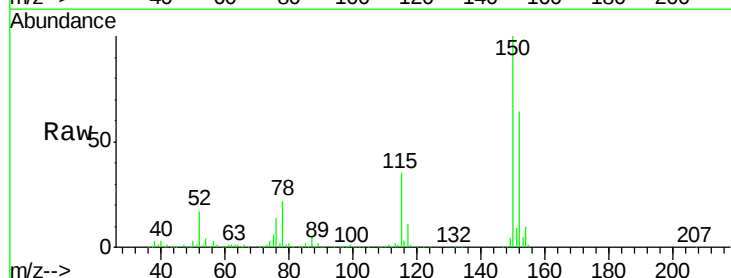
Tgt Ion:152 Resp: 426281

Ion Ratio Lower Upper

152 100

115 54.6 27.8 83.4

150 156.6 0.0 349.0



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

