

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022619\
 Data File : VN053963.D
 Acq On : 26 Feb 2019 18:51
 Operator : JC/SP
 Sample : PB117375ZHE#06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117375ZHE#06

Quant Time: Feb 27 03:17:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 05:37:40 2019
 Response via : Initial Calibration

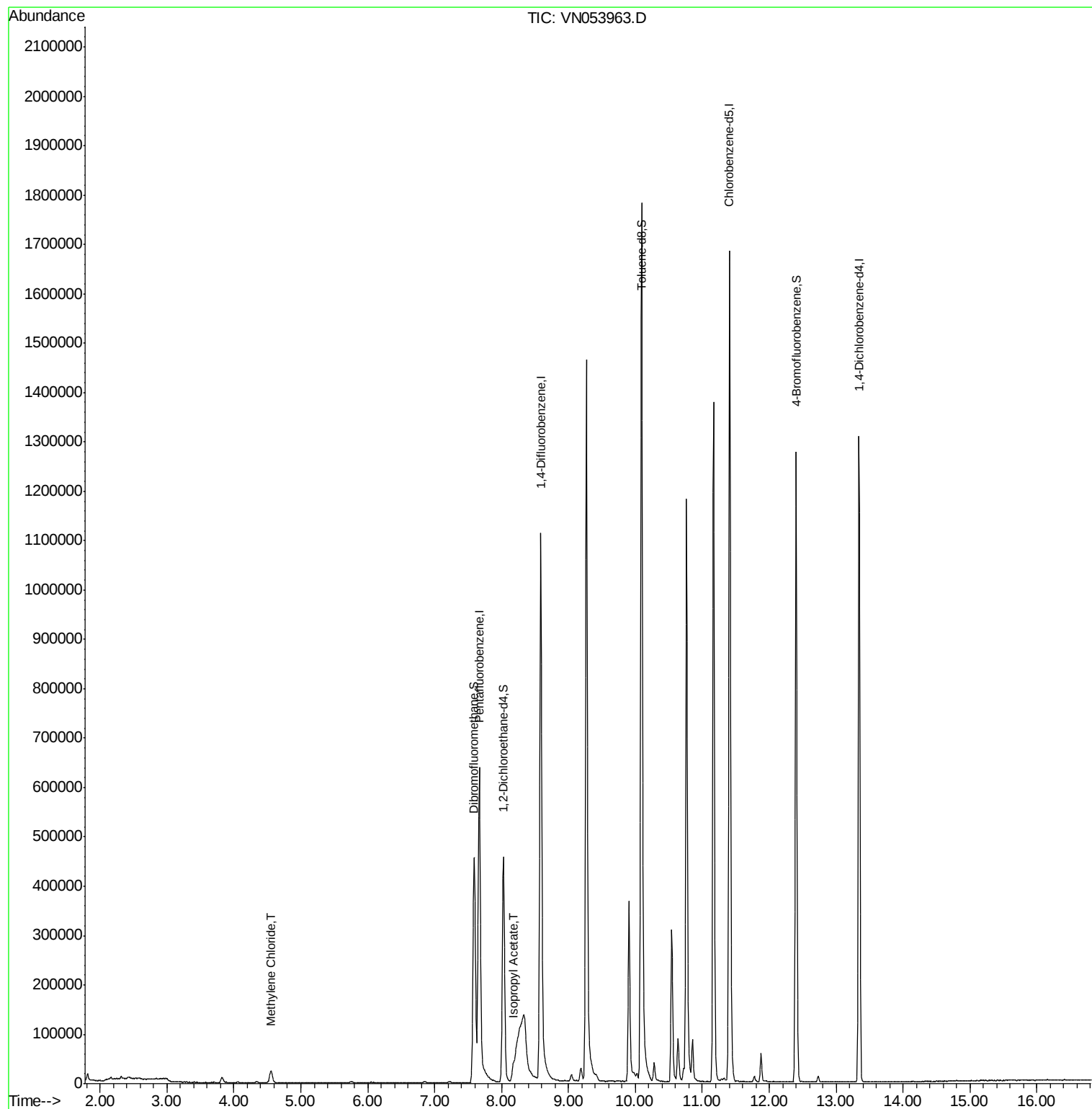
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	606262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1117576	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1066588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	364393	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	389398	54.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.58%	
35) Dibromofluoromethane	7.59	113	363536	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
50) Toluene-d8	10.09	98	1408768	52.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.74%	
62) 4-Bromofluorobenzene	12.40	95	447521	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
Target Compounds						
20) Methylene Chloride	4.56	84	17067	2.426	ug/l #	85
43) Isopropyl Acetate	8.17	43	30348	2.422	ug/l	94

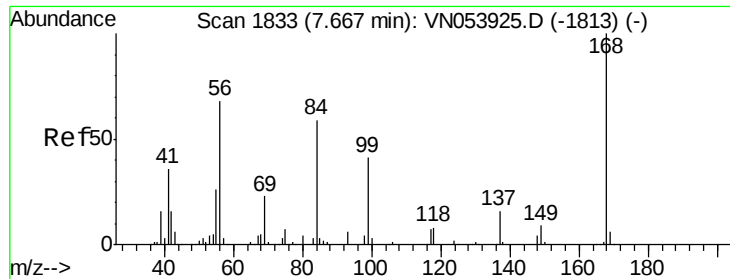
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053963.D

Acq: 26 Feb 2019 18:51

Instrument :

MSVOA_N

ClientSampleId :

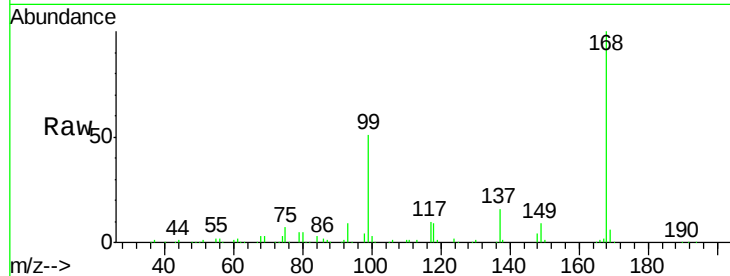
PB117375ZHE#06

Tgt Ion:168 Resp: 606262

Ion Ratio Lower Upper

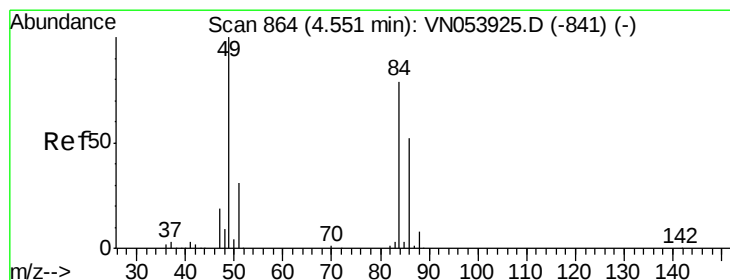
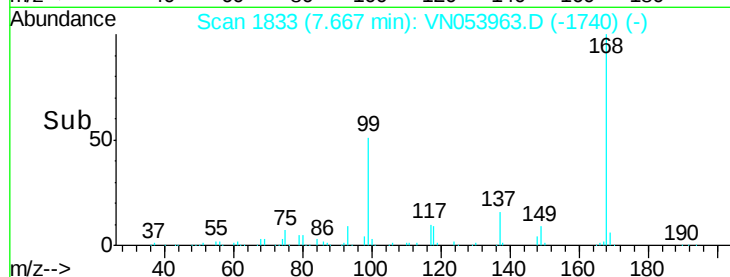
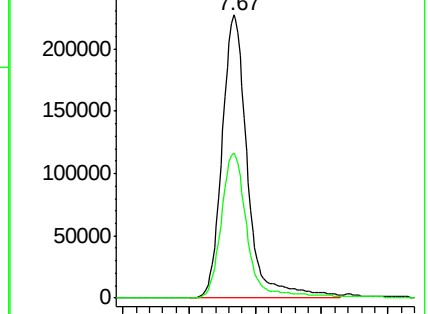
168 100

99 51.3 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 2.426 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.01 min

Lab File: VN053963.D

Acq: 26 Feb 2019 18:51

Tgt Ion: 84 Resp: 17067

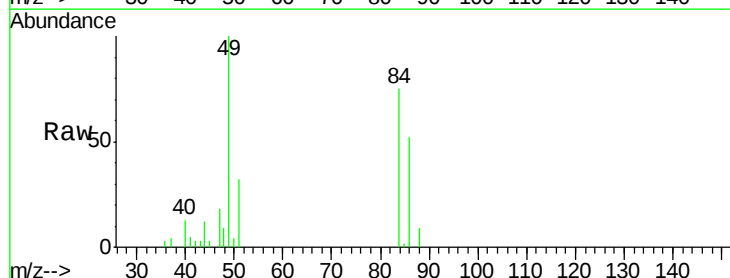
Ion Ratio Lower Upper

84 100

49 132.8 89.7 134.5

51 42.4 27.8 41.8#

86 69.5 51.3 76.9

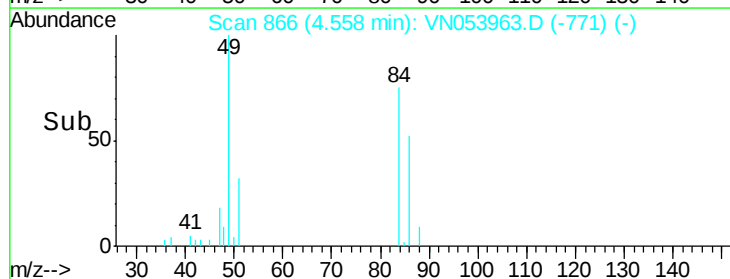
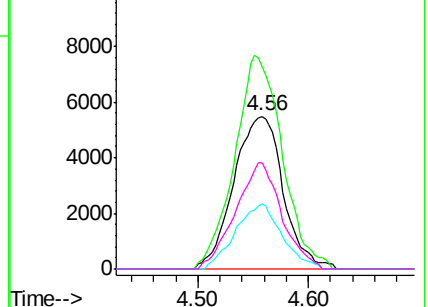


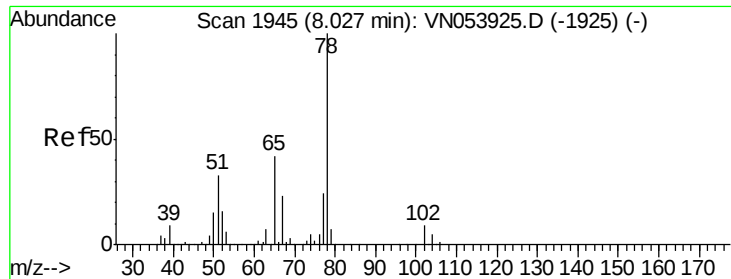
Abundance Ion 83.90 (83.60 to 84.60): VNO

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: 54.793 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053963.D

Acq: 26 Feb 2019 18:51

Instrument :

MSVOA_N

ClientSampleId :

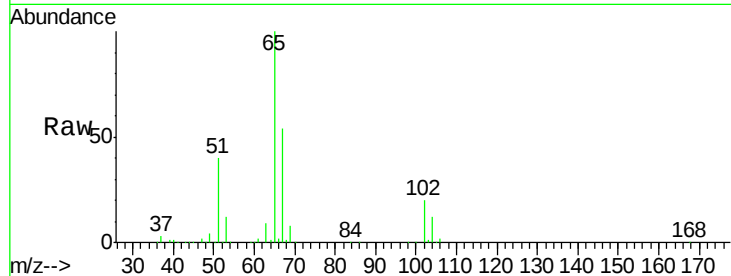
PB117375ZHE#06

Tgt Ion: 65 Resp: 389398

Ion Ratio Lower Upper

65 100

67 54.0 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VN053925.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN053925.D (-1925) (-)

8.03

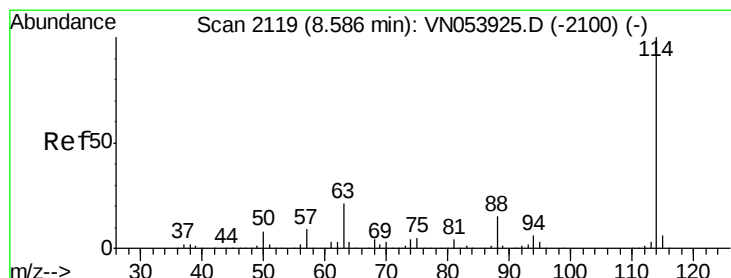
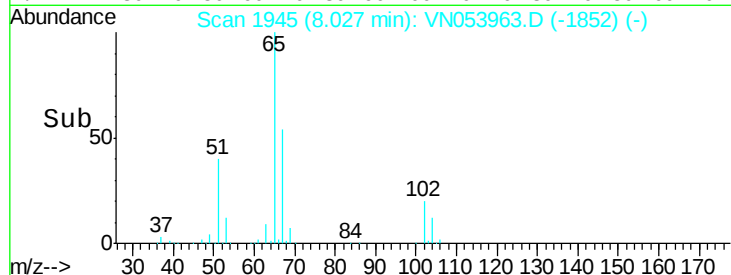
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053963.D

Acq: 26 Feb 2019 18:51

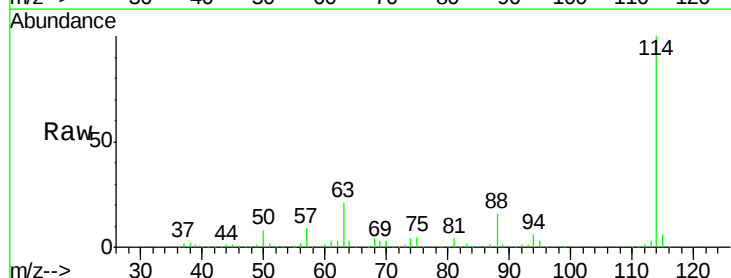
Tgt Ion: 114 Resp: 1117576

Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.4

88 15.5 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VN053925.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN053925.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN053925.D (-2100) (-)

8.59

600000

500000

400000

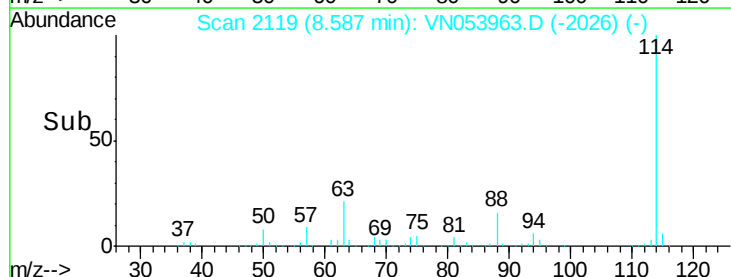
300000

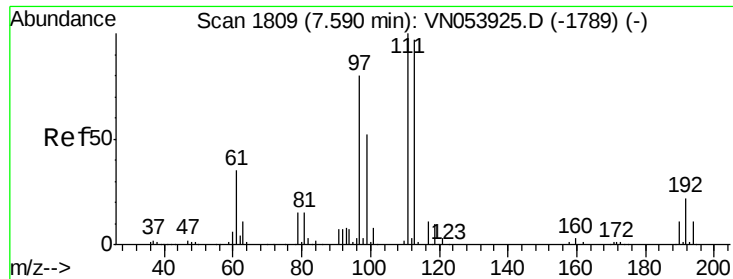
200000

100000

0

Time-->

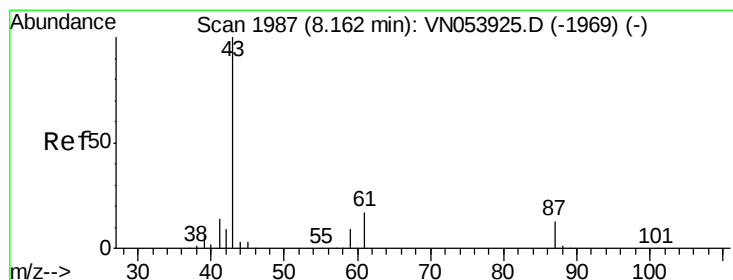
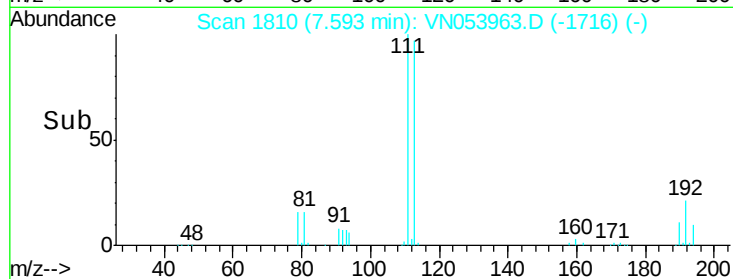
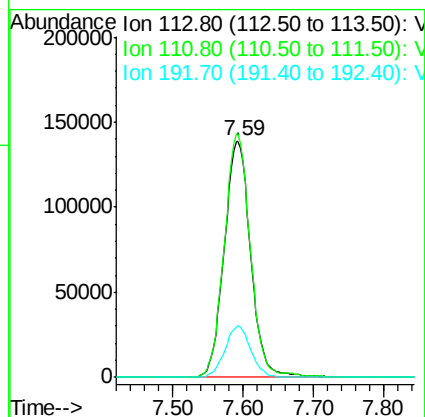
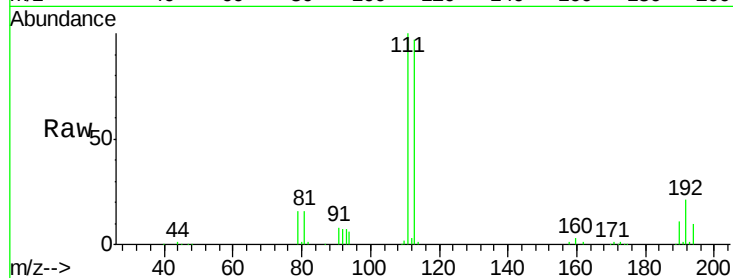




#35
 Dibromofluoromethane
 Concen: 50.303 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053963.D
 Acq: 26 Feb 2019 18:51

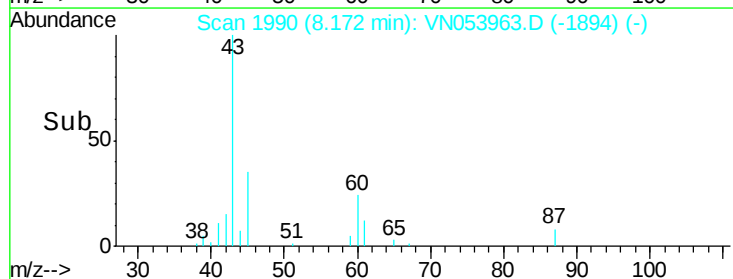
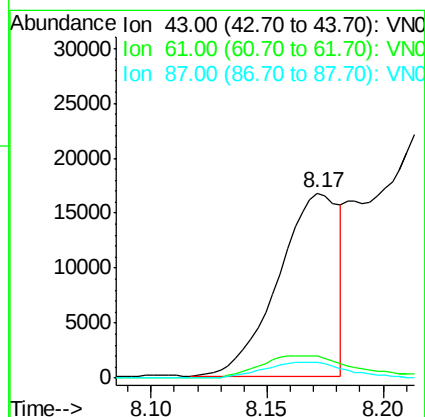
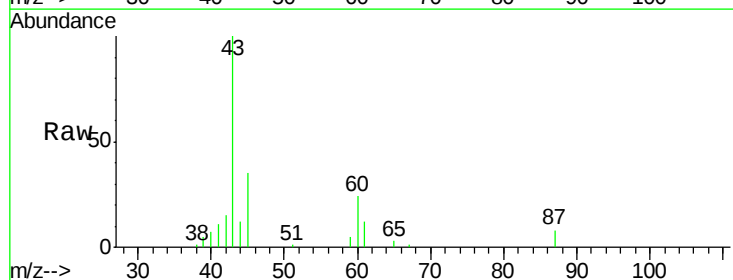
Instrument :
 MSVOA_N
 ClientSampleId :
 PB117375ZHE#06

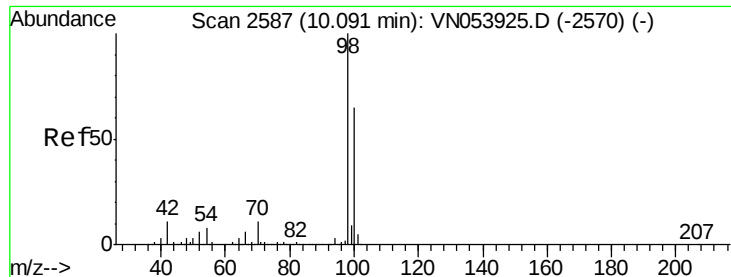
Tgt Ion: 113 Resp: 363536
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.1 121.7
 192 21.4 18.8 28.2



#43
 Isopropyl Acetate
 Concen: 2.422 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: VN053963.D
 Acq: 26 Feb 2019 18:51

Tgt Ion: 43 Resp: 30348
 Ion Ratio Lower Upper
 43 100
 61 18.7 17.4 26.0
 87 11.6 11.5 17.3





#50

Toluene-d8

Concen: 52.366 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053963.D

Acq: 26 Feb 2019 18:51

Instrument :

MSVOA_N

ClientSampleId :

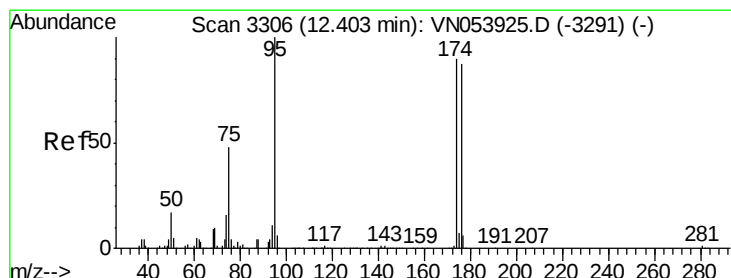
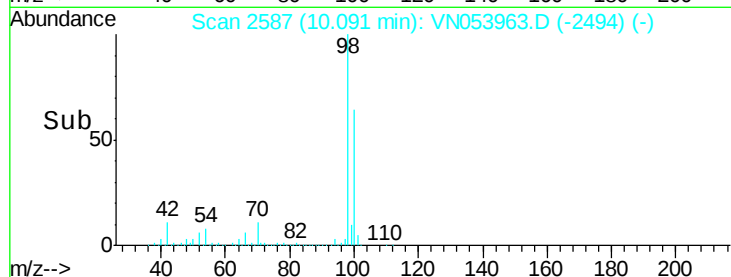
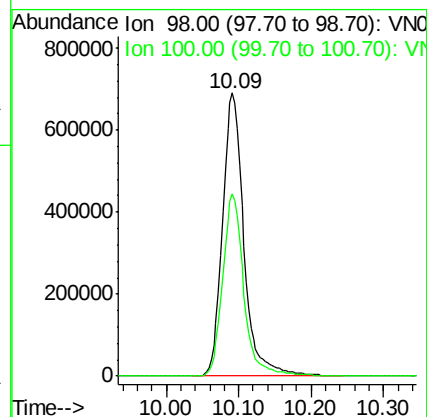
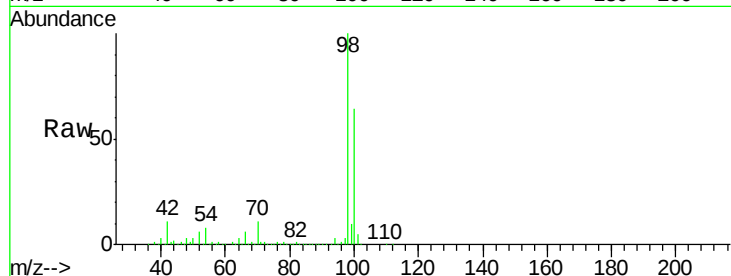
PB117375ZHE#06

Tgt Ion: 98 Resp: 1408768

Ion Ratio Lower Upper

98 100

100 63.6 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 49.929 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053963.D

Acq: 26 Feb 2019 18:51

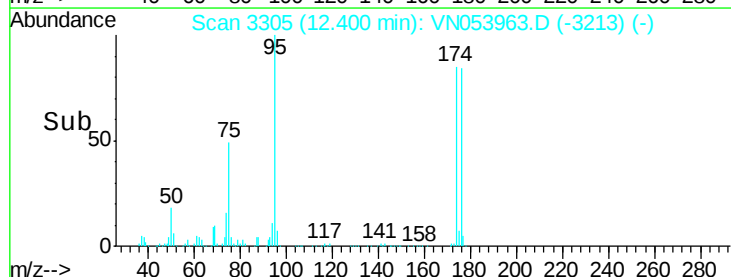
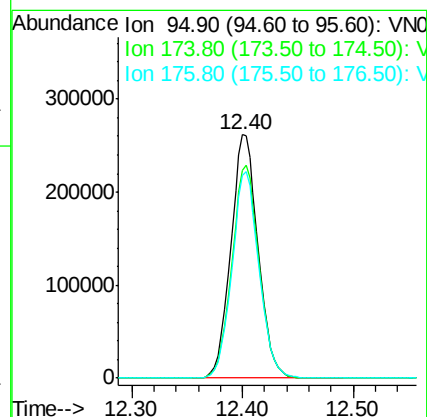
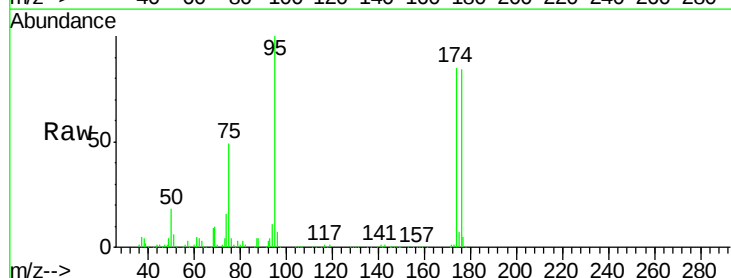
Tgt Ion: 95 Resp: 447521

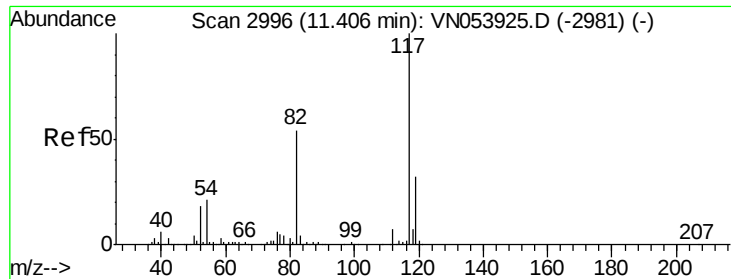
Ion Ratio Lower Upper

95 100

174 87.3 0.0 188.8

176 84.1 0.0 182.6

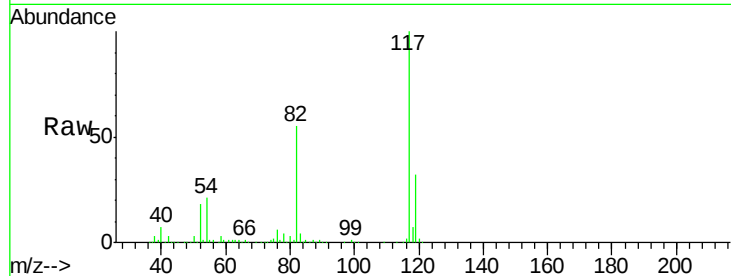




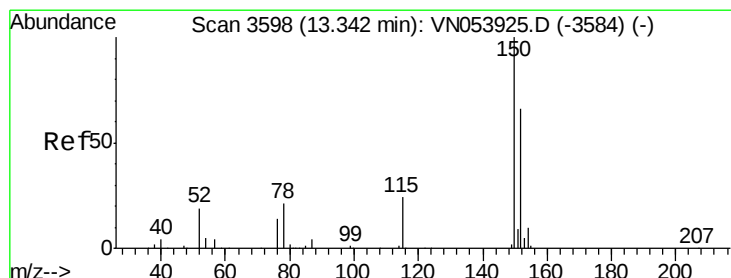
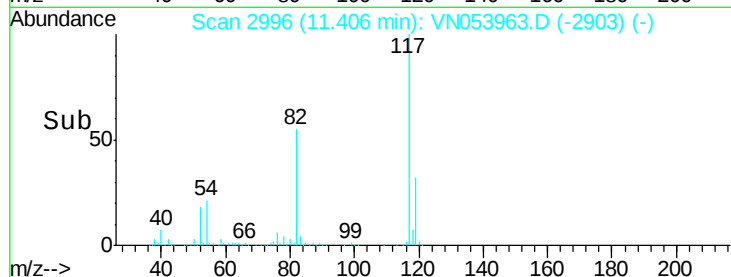
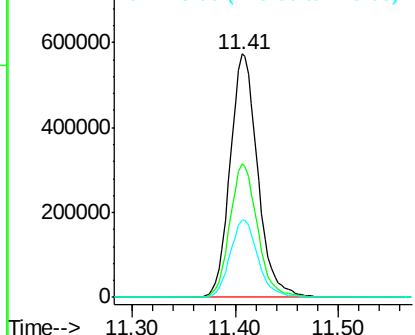
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053963.D
Acq: 26 Feb 2019 18:51

Instrument :
MSVOA_N
ClientSampleId :
PB117375ZHE#06

Tgt Ion:117 Resp: 1066588
Ion Ratio Lower Upper
117 100
82 55.0 41.4 62.2
119 31.7 25.3 37.9

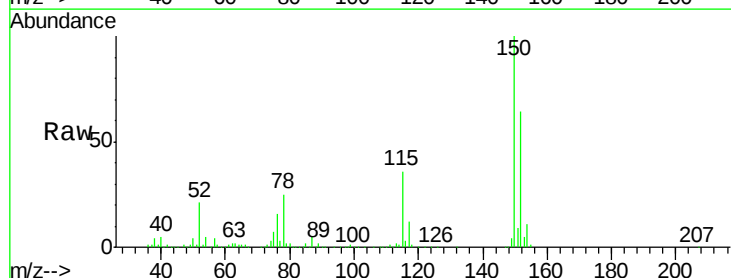


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN053963.D
Acq: 26 Feb 2019 18:51

Tgt Ion:152 Resp: 364393
Ion Ratio Lower Upper
152 100
115 56.5 27.2 81.6
150 156.8 0.0 348.2



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

