

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022619\
 Data File : VN053965.D
 Acq On : 26 Feb 2019 19:45
 Operator : JC/SP
 Sample : PB117375ZHE#08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117375ZHE#08

Quant Time: Feb 27 03:22:33 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

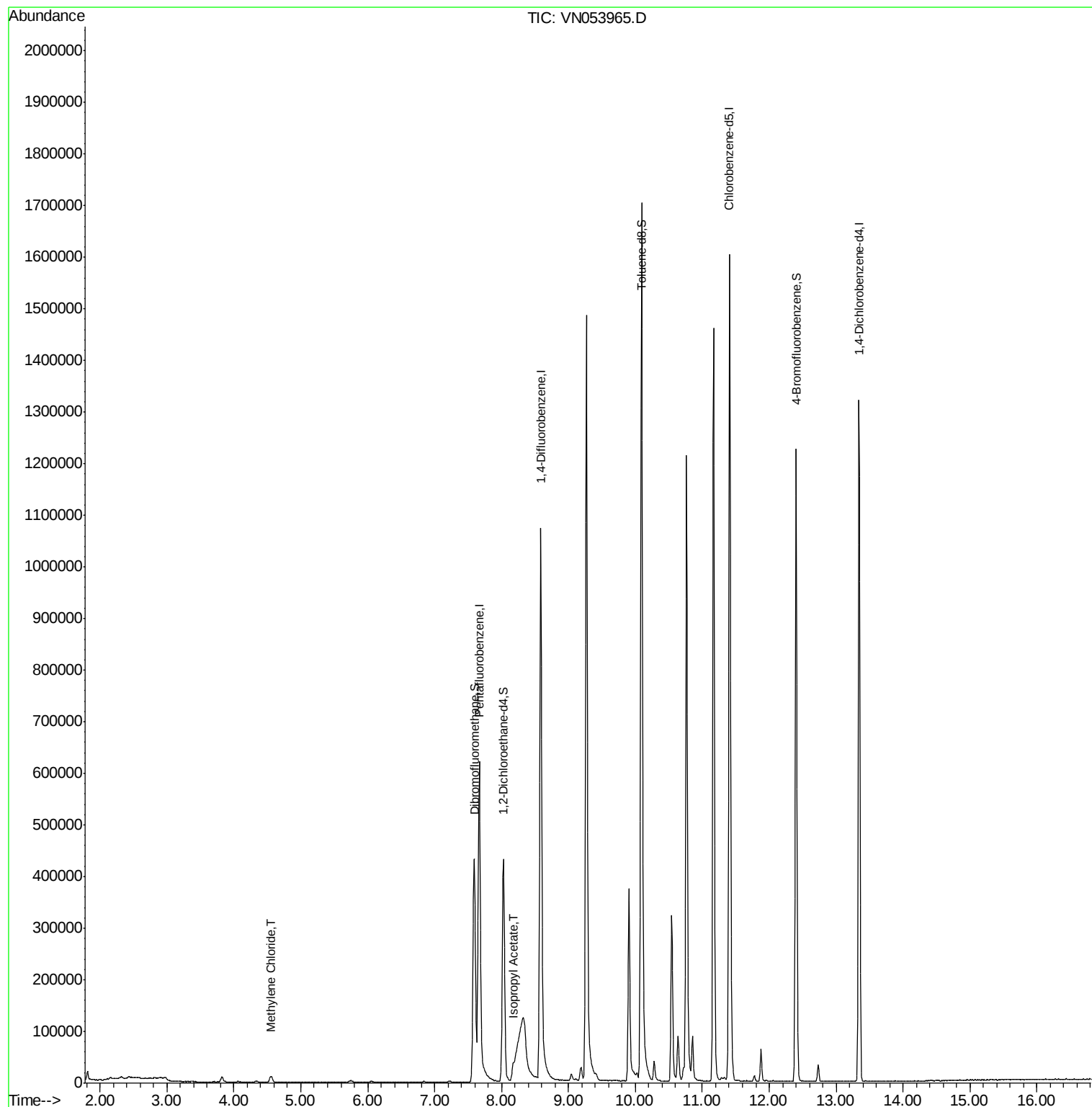
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	592279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1054504	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1026555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	366481	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	376361	54.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.42%	
35) Dibromofluoromethane	7.59	113	342528	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
50) Toluene-d8	10.09	98	1351084	53.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.46%	
62) 4-Bromofluorobenzene	12.40	95	431972	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
Target Compounds						
20) Methylene Chloride	4.55	84	8690	1.265	ug/l	92
43) Isopropyl Acetate	8.17	43	30721	2.598	ug/l #	92

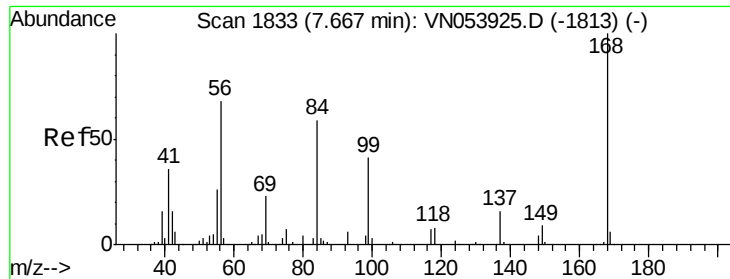
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN022619\
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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: VN053965.D

Acq: 26 Feb 2019 19:45

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MSVOA_N

ClientSampleId :

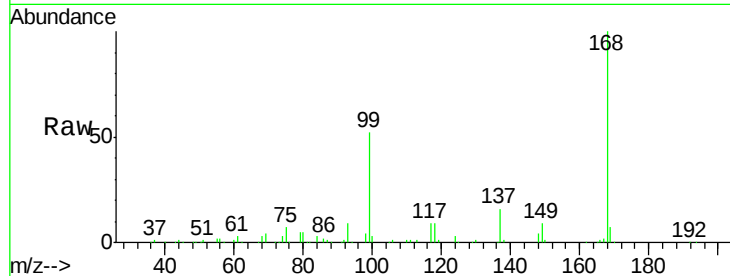
PB117375ZHE#08

Tgt Ion:168 Resp: 592279

Ion Ratio Lower Upper

168 100

99 51.8 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

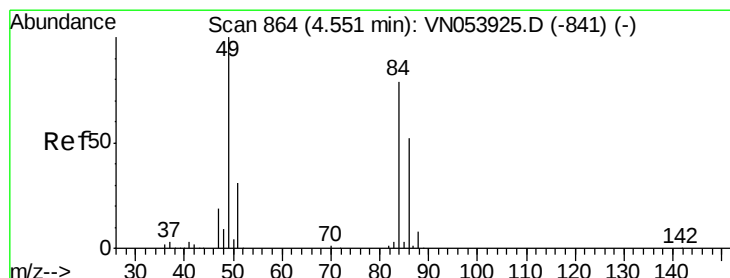
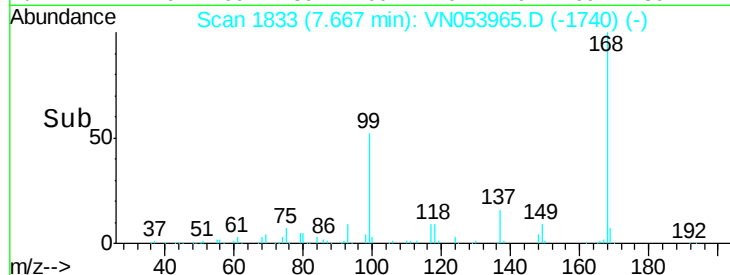
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.265 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.00 min

Lab File: VN053965.D

Acq: 26 Feb 2019 19:45

Tgt Ion: 84 Resp: 8690

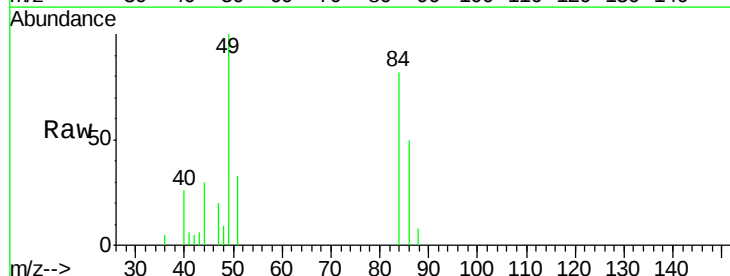
Ion Ratio Lower Upper

84 100

49 121.6 89.7 134.5

51 39.8 27.8 41.8

86 60.4 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

5000

4000

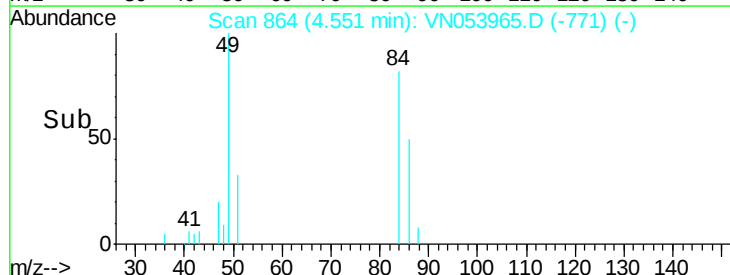
3000

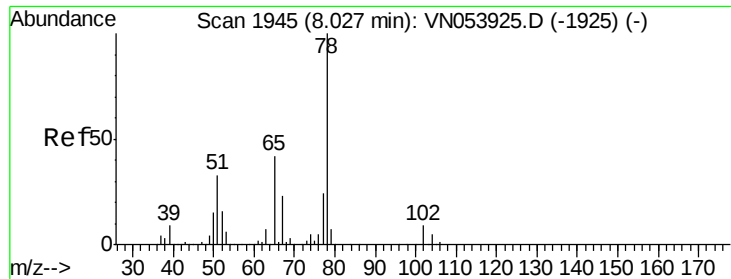
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 54.209 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053965.D

Acq: 26 Feb 2019 19:45

Instrument :

MSVOA_N

ClientSampleId :

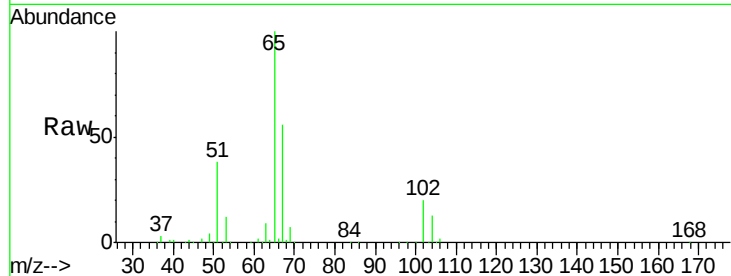
PB117375ZHE#08

Tgt Ion: 65 Resp: 376361

Ion Ratio Lower Upper

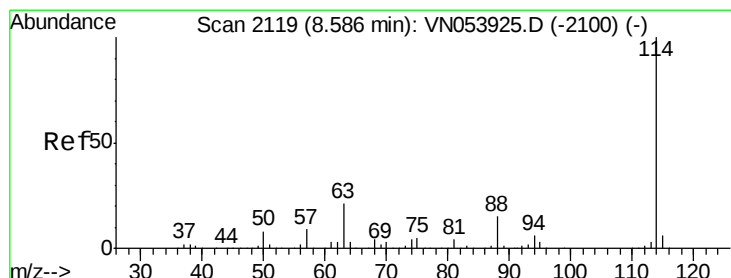
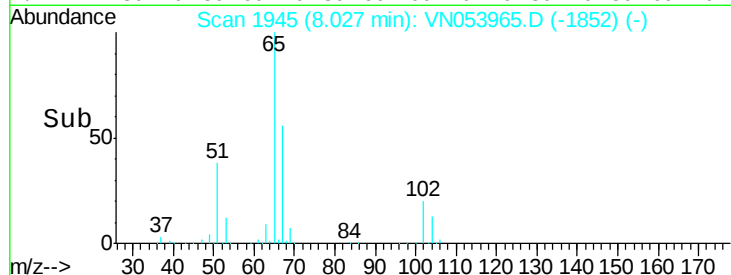
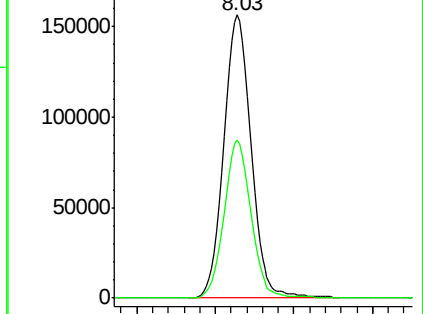
65 100

67 54.6 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) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053965.D

Acq: 26 Feb 2019 19:45

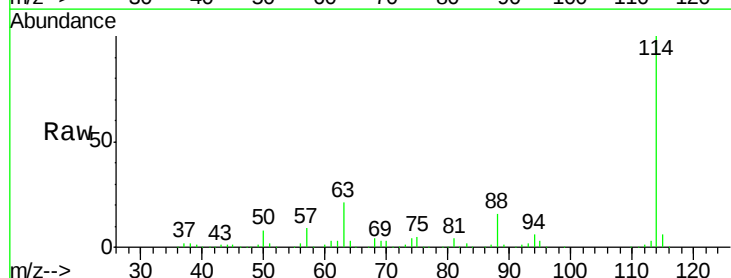
Tgt Ion: 114 Resp: 1054504

Ion Ratio Lower Upper

114 100

63 21.0 0.0 37.4

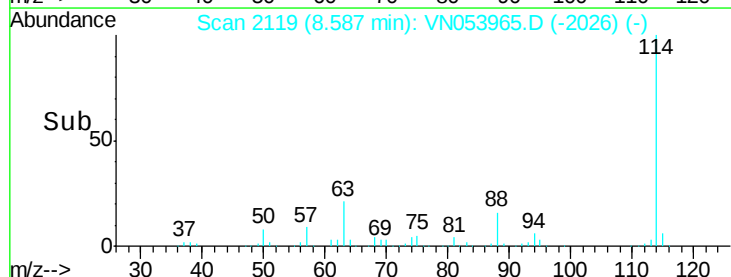
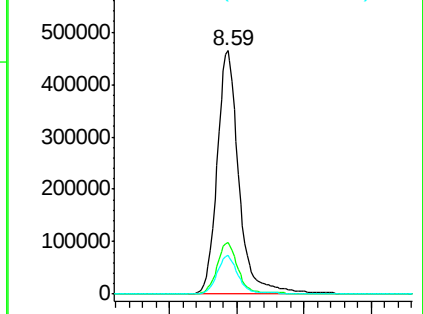
88 15.8 0.0 30.4

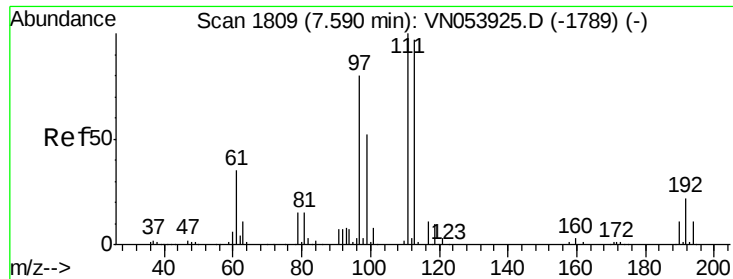


Abundance Ion 113.90 (113.60 to 114.60): VN053925.D (-2100) (-)

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

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

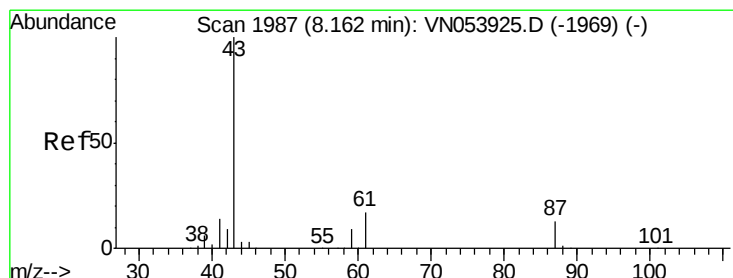
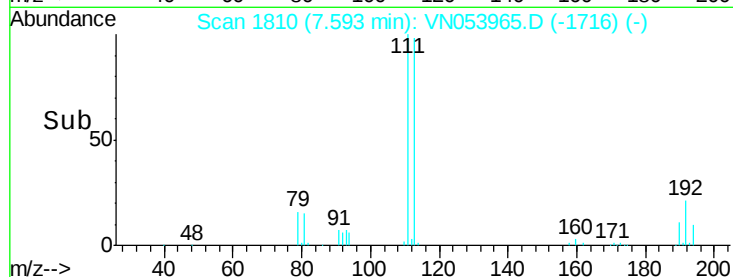
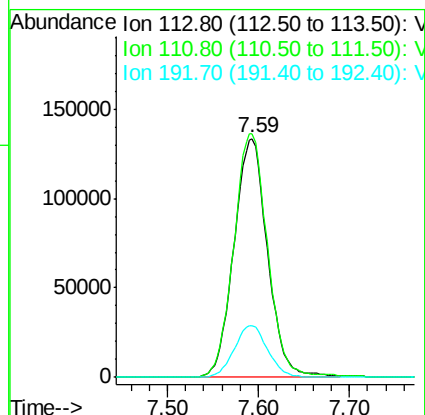
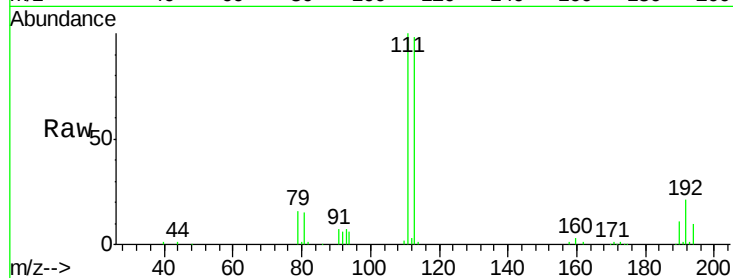




#35
 Dibromofluoromethane
 Concen: 50.231 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053965.D
 Acq: 26 Feb 2019 19:45

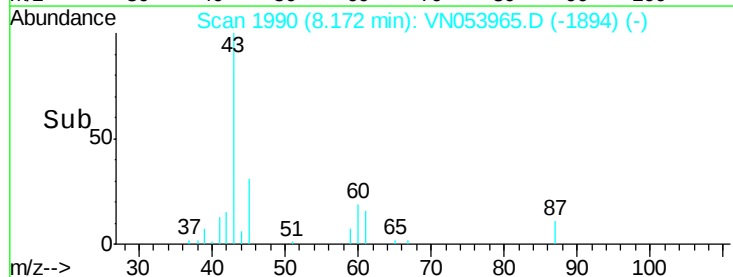
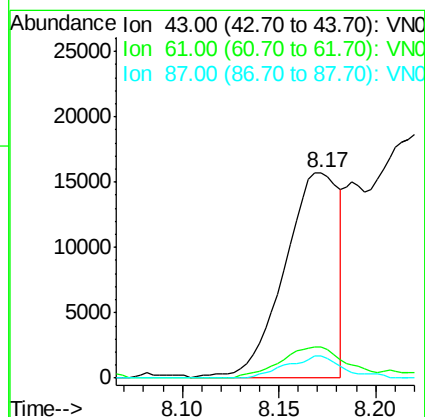
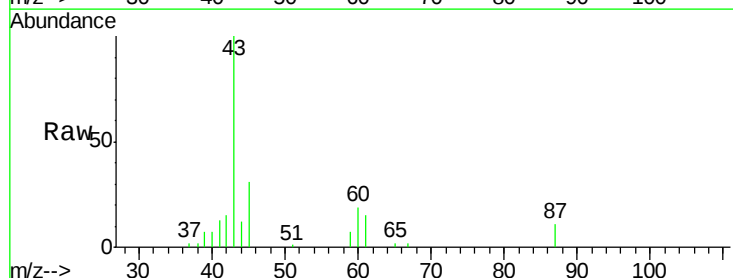
Instrument :
 MSVOA_N
 ClientSampleId :
 PB117375ZHE#08

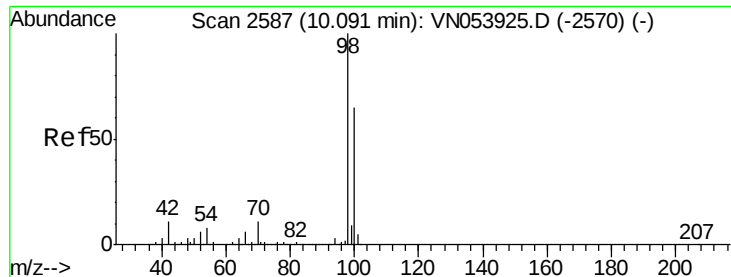
Tgt Ion: 113 Resp: 342528
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.1 121.7
 192 21.7 18.8 28.2



#43
 Isopropyl Acetate
 Concen: 2.598 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: VN053965.D
 Acq: 26 Feb 2019 19:45

Tgt Ion: 43 Resp: 30721
 Ion Ratio Lower Upper
 43 100
 61 18.0 17.4 26.0
 87 11.0 11.5 17.3#





#50

Toluene-d8

Concen: 53.225 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053965.D

Acq: 26 Feb 2019 19:45

Instrument :

MSVOA_N

ClientSampleId :

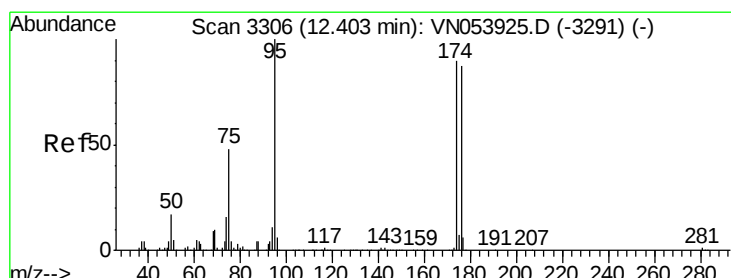
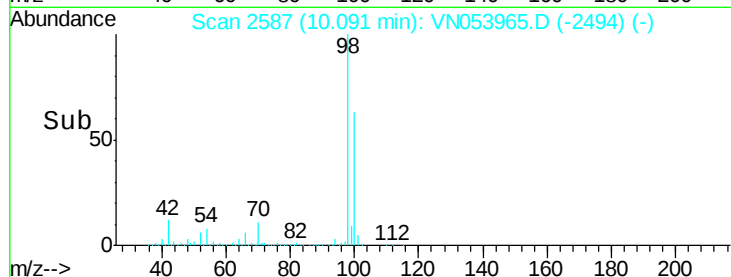
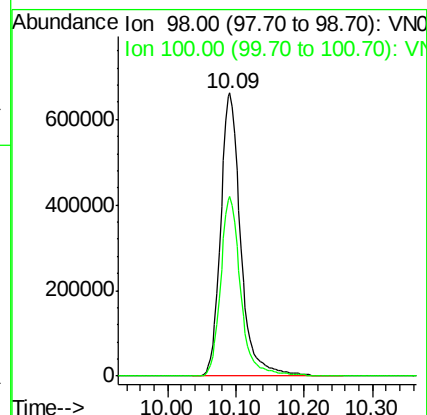
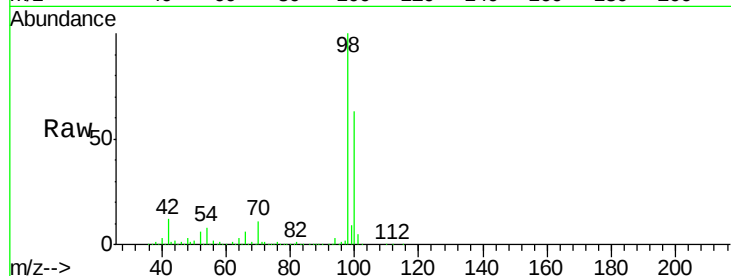
PB117375ZHE#08

Tgt Ion: 98 Resp: 1351084

Ion Ratio Lower Upper

98 100

100 63.3 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 51.077 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053965.D

Acq: 26 Feb 2019 19:45

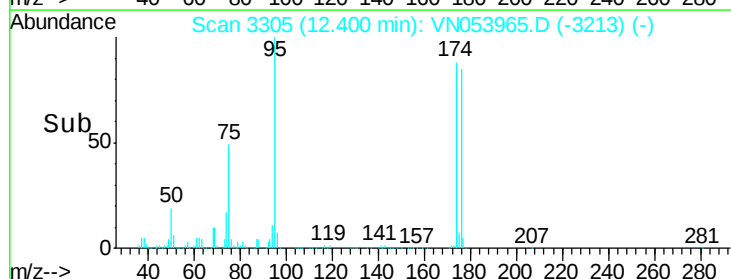
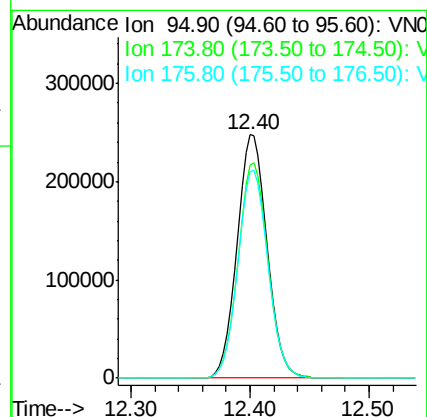
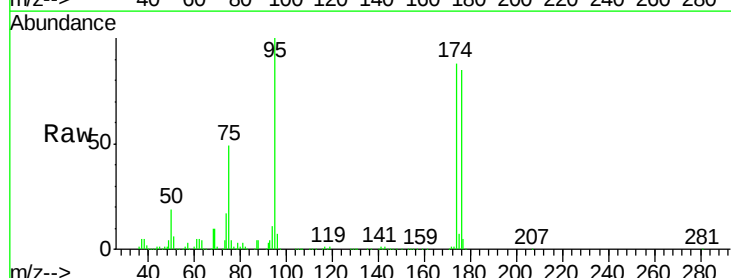
Tgt Ion: 95 Resp: 431972

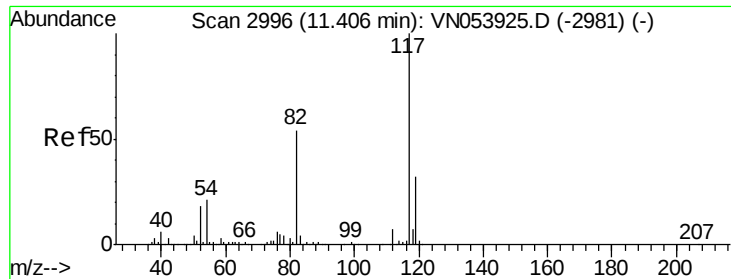
Ion Ratio Lower Upper

95 100

174 88.2 0.0 188.8

176 85.9 0.0 182.6

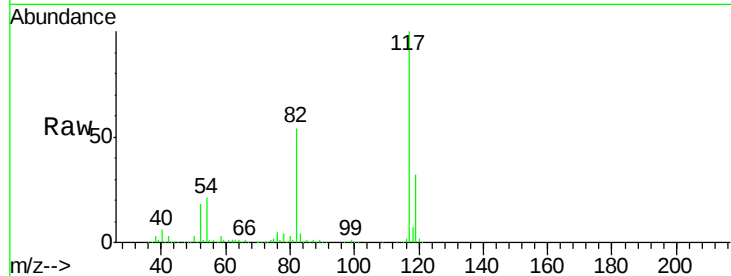




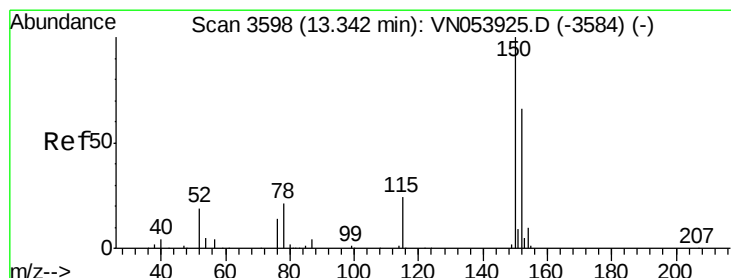
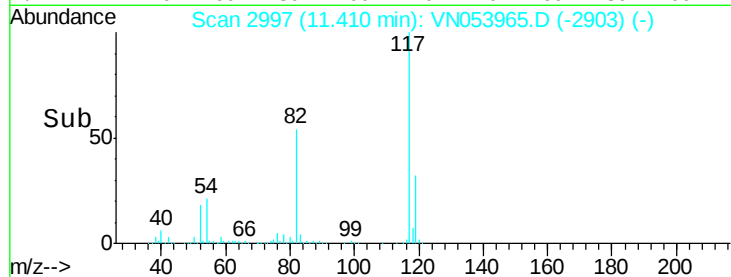
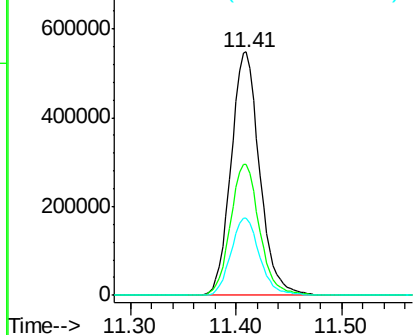
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053965.D
Acq: 26 Feb 2019 19:45

Instrument :
MSVOA_N
ClientSampleId :
PB117375ZHE#08

Tgt Ion:117 Resp: 1026555
Ion Ratio Lower Upper
117 100
82 53.8 41.4 62.2
119 31.7 25.3 37.9

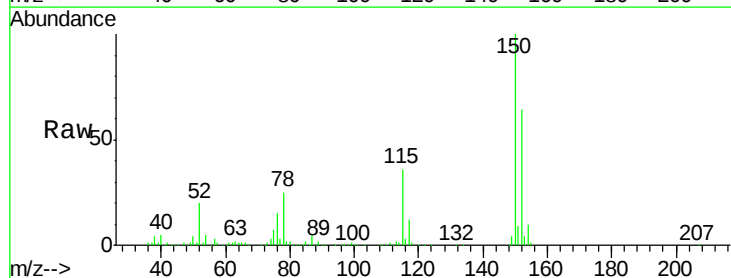


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN053965.D
Acq: 26 Feb 2019 19:45

Tgt Ion:152 Resp: 366481
Ion Ratio Lower Upper
152 100
115 56.8 27.2 81.6
150 156.5 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

