

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022719\
 Data File : VN053975.D
 Acq On : 27 Feb 2019 18:23
 Operator : JC/SP
 Sample : PB117426TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117426TB

Quant Time: Feb 28 07:32:11 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

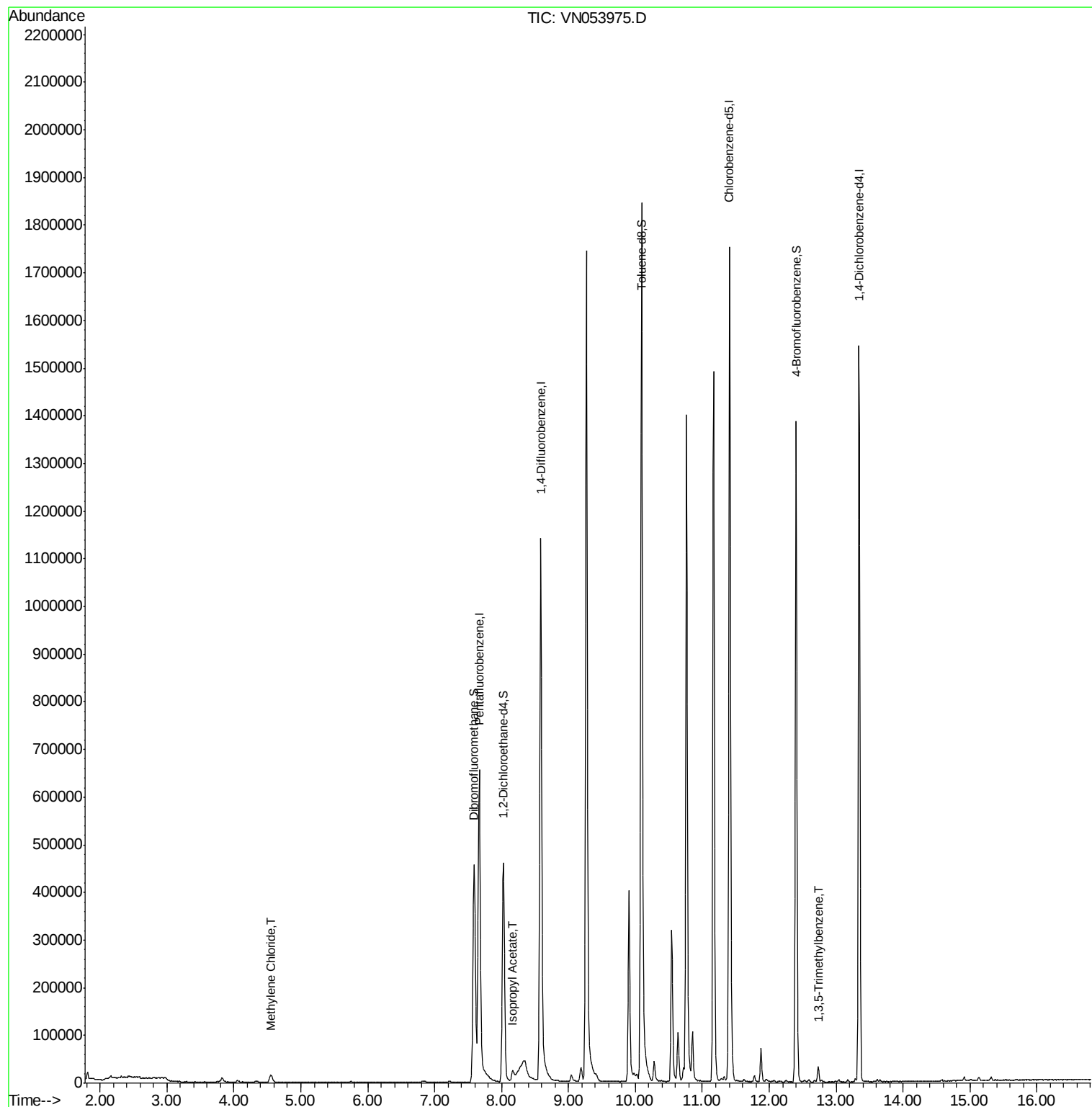
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	595936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1102628	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1106899	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	419730	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	396857	56.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.62%	
35) Dibromofluoromethane	7.59	113	358268	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
50) Toluene-d8	10.09	98	1427693	53.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.58%	
62) 4-Bromofluorobenzene	12.40	95	485390	54.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.78%	
Target Compounds						
20) Methylene Chloride	4.55	84	11060	1.600	ug/l #	86
43) Isopropyl Acetate	8.16	43	35133	2.842	ug/l #	90
80) 1,3,5-Trimethylbenzene	12.73	105	16339	0.611	ug/l	99

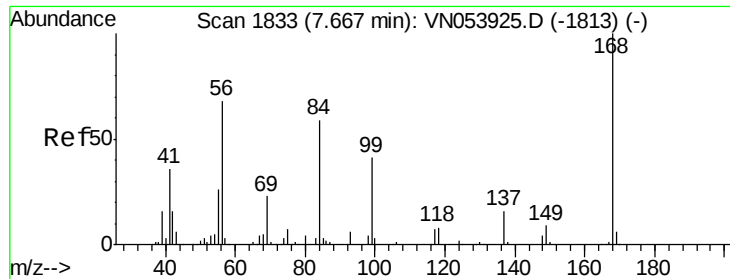
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053975.D

Acq: 27 Feb 2019 18:23

Instrument :

MSVOA_N

ClientSampleId :

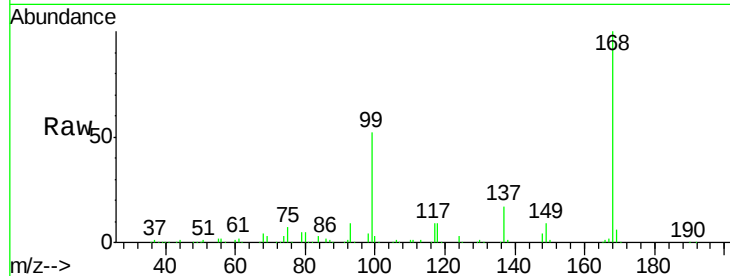
PB117426TB

Tot Ion:168 Resp: 595936

Ion Ratio Lower Upper

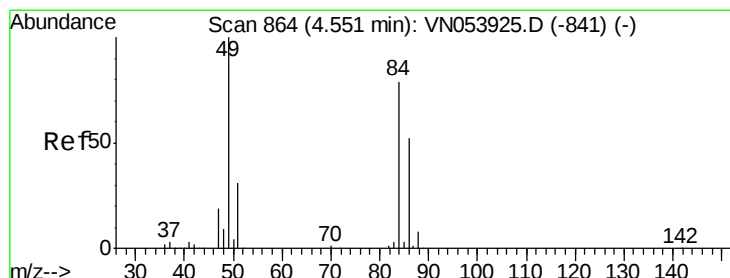
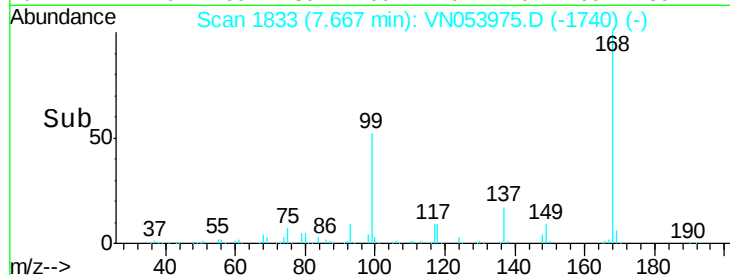
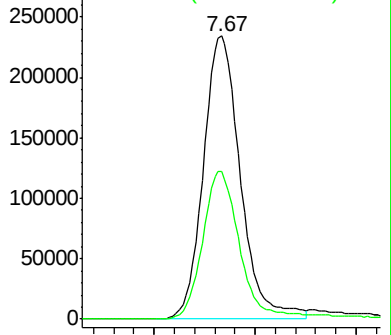
168 100

99 52.0 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: 1.600 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN053975.D

Acq: 27 Feb 2019 18:23

Tgt Ion: 84 Resp: 11060

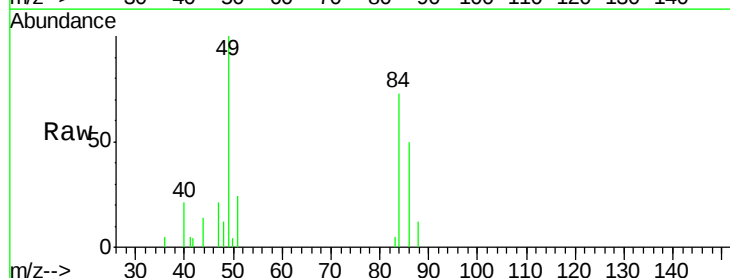
Ion Ratio Lower Upper

84 100

49 136.1 89.7 134.5#

51 33.3 27.8 41.8

86 68.2 51.3 76.9

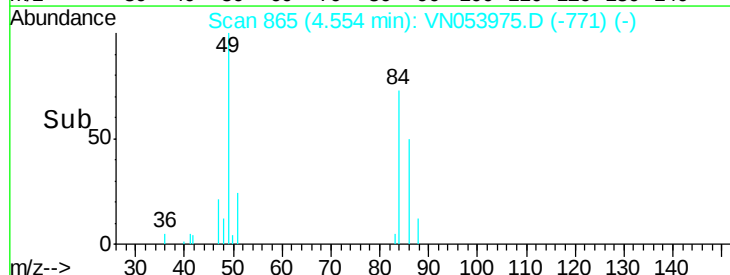
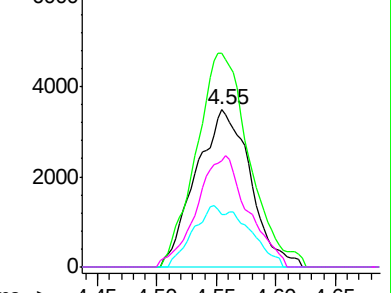


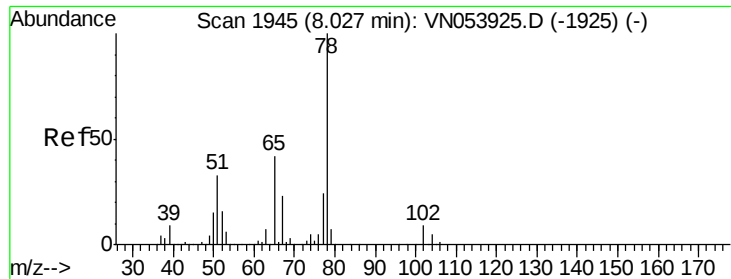
Abundance Ion 83.90 (83.60 to 84.60): VNO

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: 56.810 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053975.D

Acq: 27 Feb 2019 18:23

Instrument :

MSVOA_N

ClientSampleId :

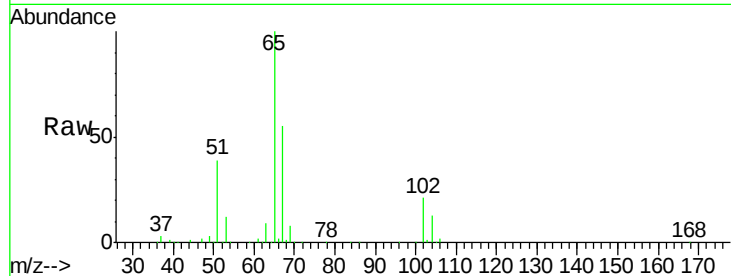
PB117426TB

Tot Ion: 65 Resp: 396857

Ion Ratio Lower Upper

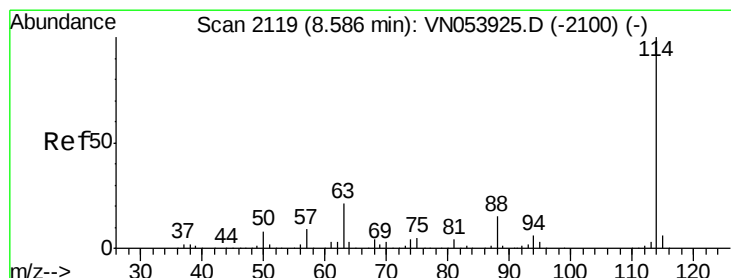
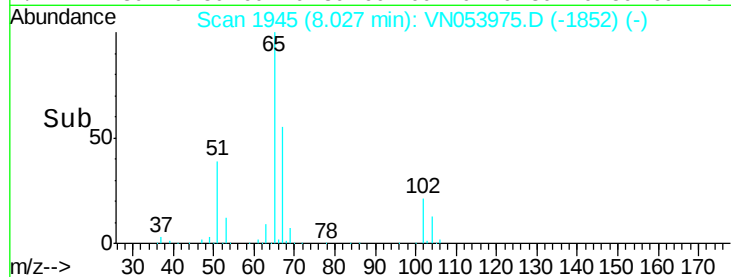
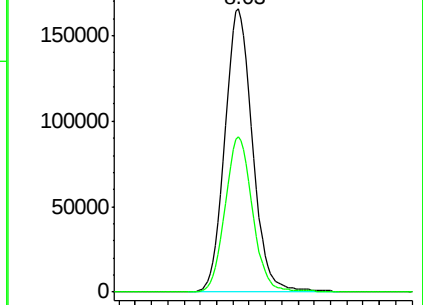
65 100

67 54.1 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VN053975.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN053975.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: VN053975.D

Acq: 27 Feb 2019 18:23

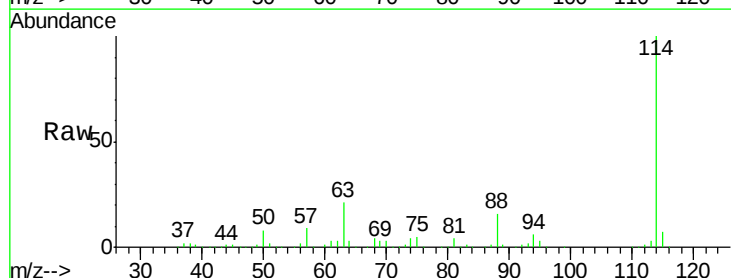
Tgt Ion: 114 Resp: 1102628

Ion Ratio Lower Upper

114 100

63 21.1 0.0 37.4

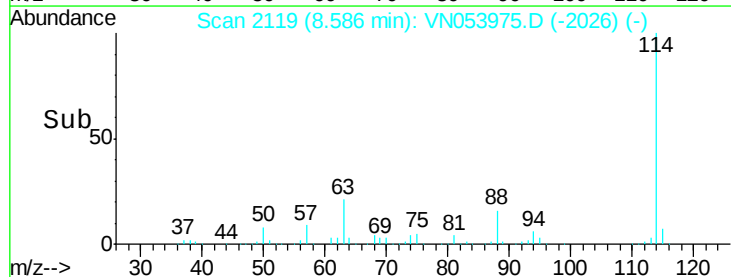
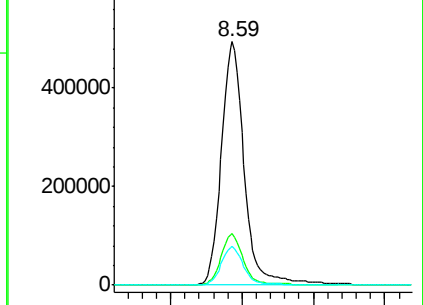
88 15.7 0.0 30.4

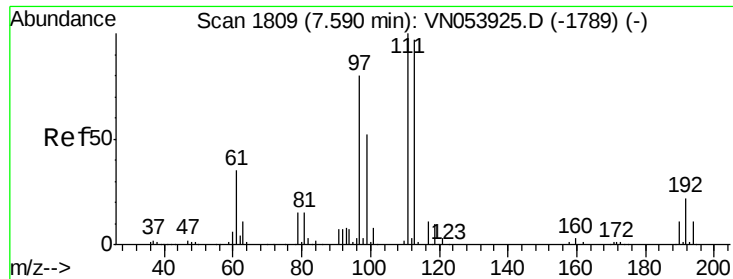


Abundance Ion 113.90 (113.60 to 114.60): VN053925.D (-2100) (-)

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

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

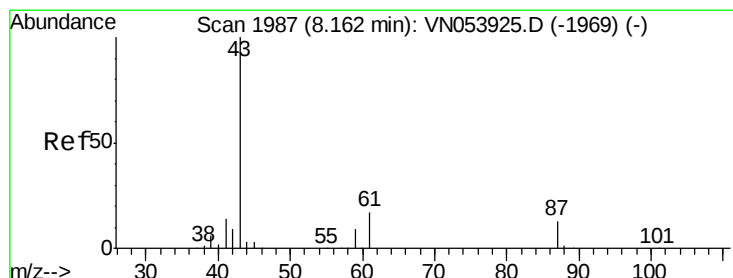
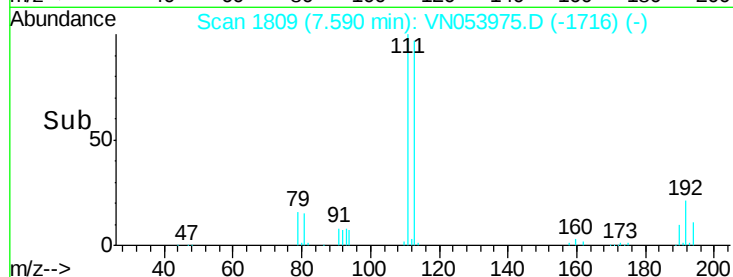
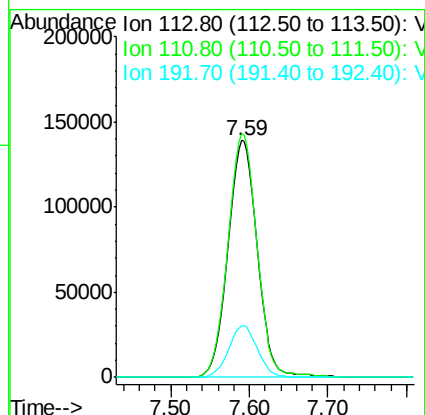
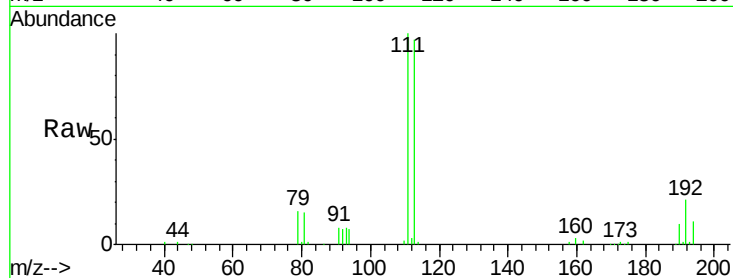




#35
 Dibromofluoromethane
 Concen: 50.246 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053975.D
 Acq: 27 Feb 2019 18:23

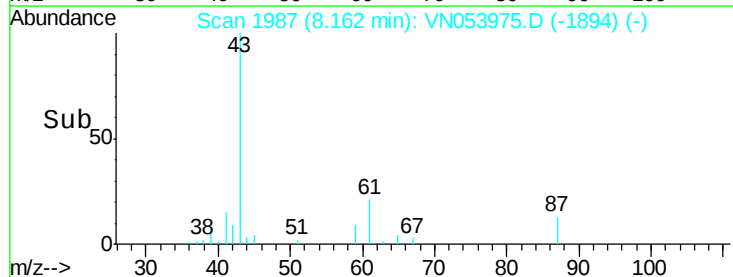
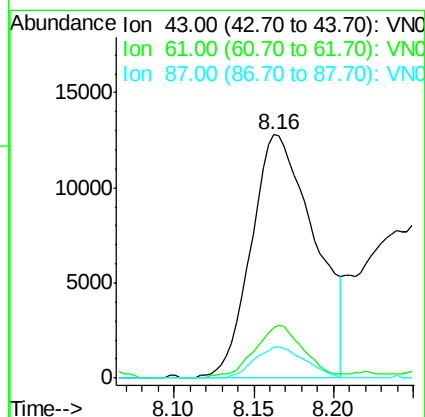
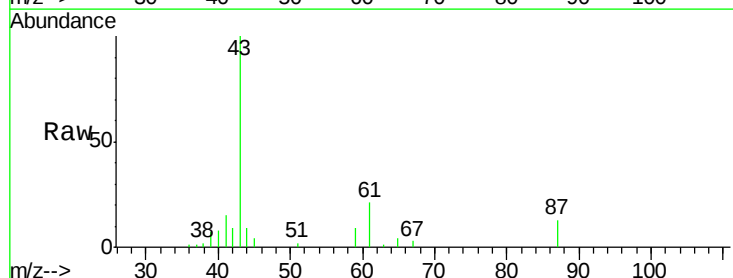
Instrument :
 MSVOA_N
 ClientSampleId :
 PB117426TB

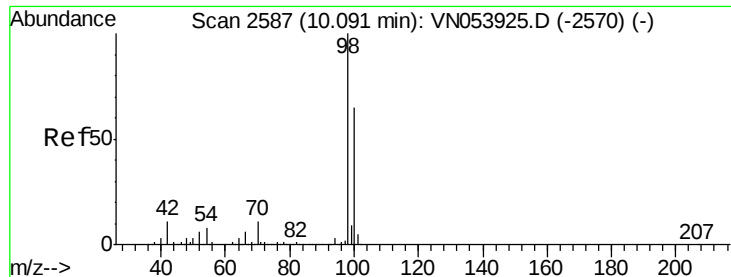
Tot Ion:113 Resp: 358268
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.1 121.7
 192 21.6 18.8 28.2



#43
 Isopropyl Acetate
 Concen: 2.842 ug/l
 RT: 8.16 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: VN053975.D
 Acq: 27 Feb 2019 18:23

Tgt Ion: 43 Resp: 35133
 Ion Ratio Lower Upper
 43 100
 61 16.7 17.4 26.0#
 87 10.1 11.5 17.3#





#50

Toluene-d8

Concen: 53.788 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053975.D

Acq: 27 Feb 2019 18:23

Instrument :

MSVOA_N

ClientSampleId :

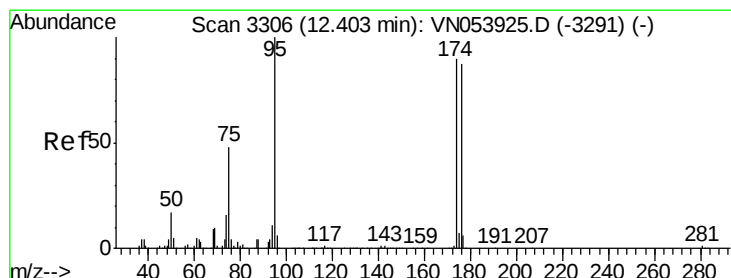
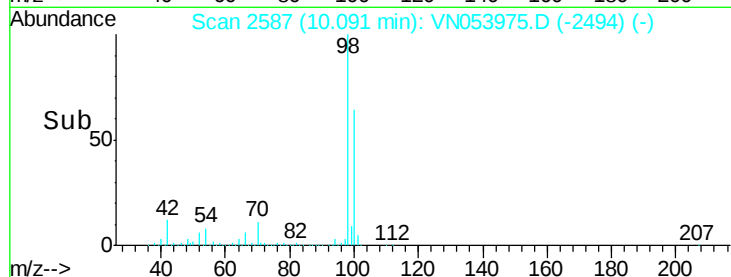
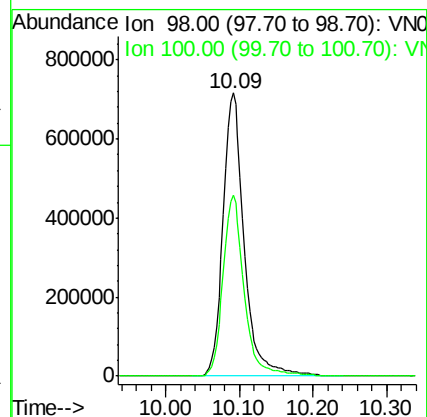
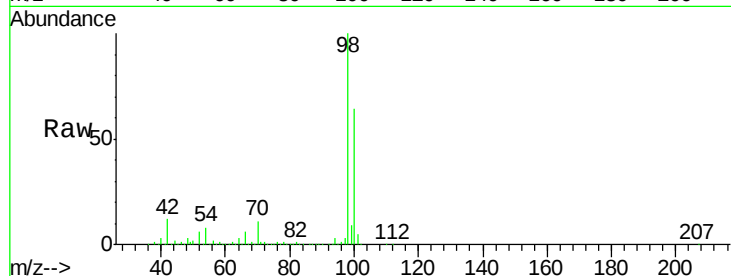
PB117426TB

Tot Ion: 98 Resp: 1427693

Ion Ratio Lower Upper

98 100

100 63.9 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 54.888 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053975.D

Acq: 27 Feb 2019 18:23

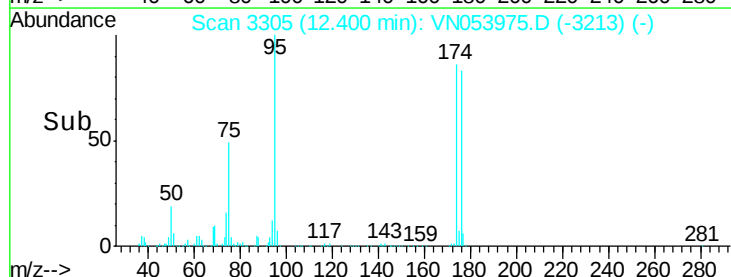
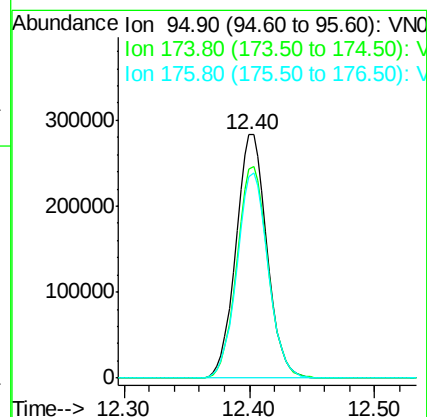
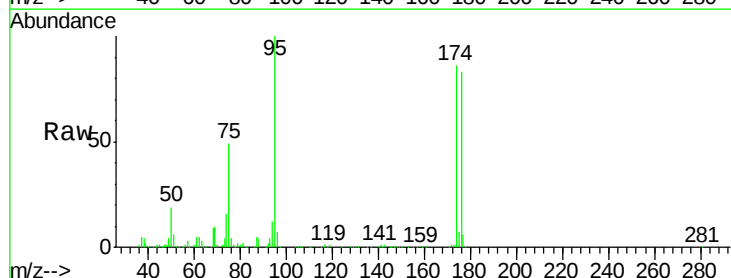
Tgt Ion: 95 Resp: 485390

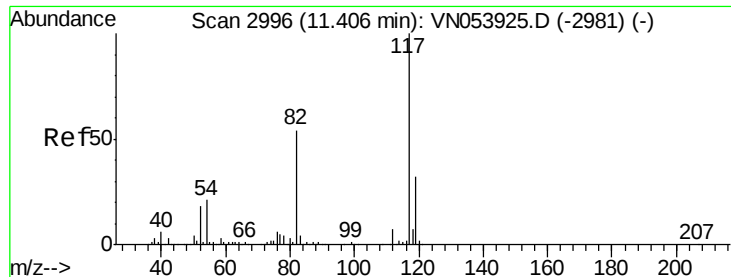
Ion Ratio Lower Upper

95 100

174 87.1 0.0 188.8

176 84.7 0.0 182.6

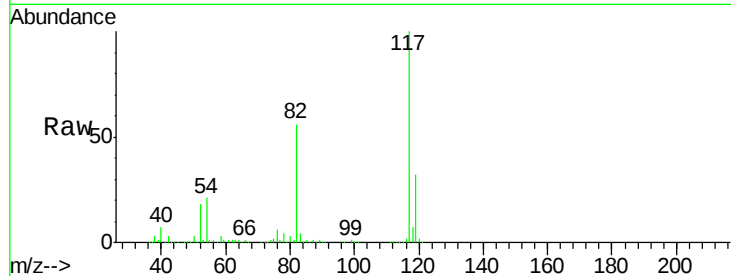




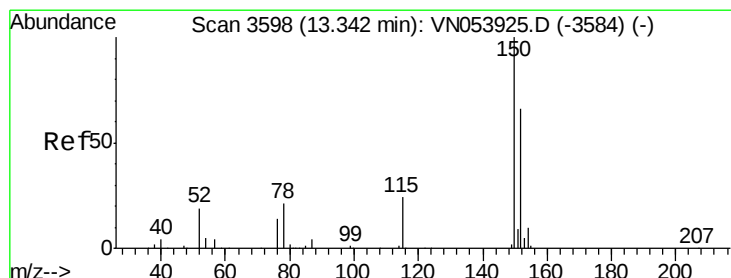
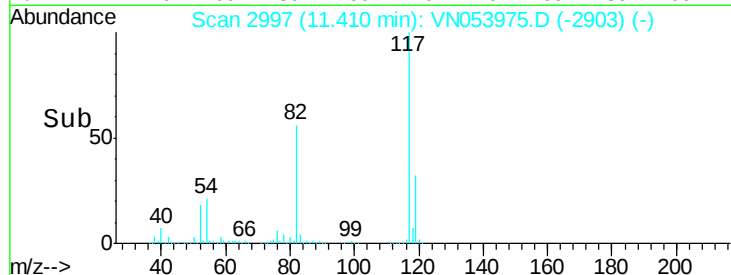
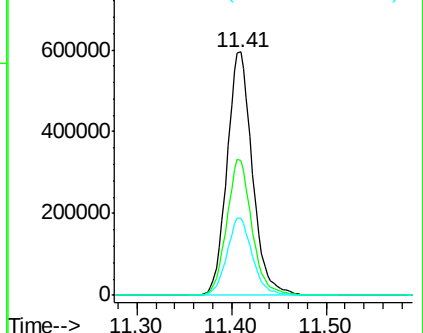
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053975.D
Acq: 27 Feb 2019 18:23

Instrument :
MSVOA_N
ClientSampleId :
PB117426TB

Tot Ion:117 Resp: 1106899
Ion Ratio Lower Upper
117 100
82 55.5 41.4 62.2
119 31.7 25.3 37.9

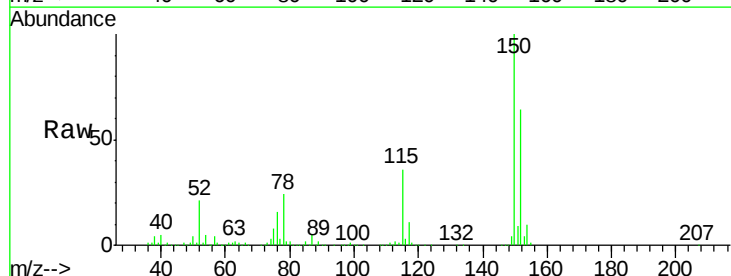


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

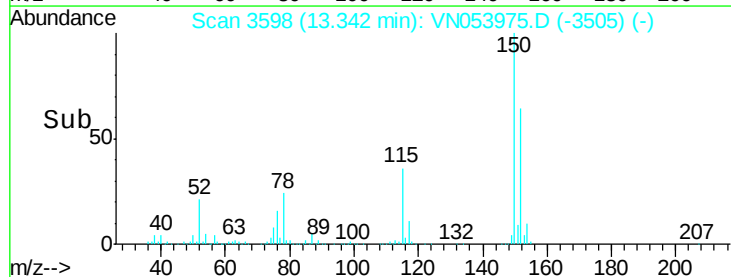
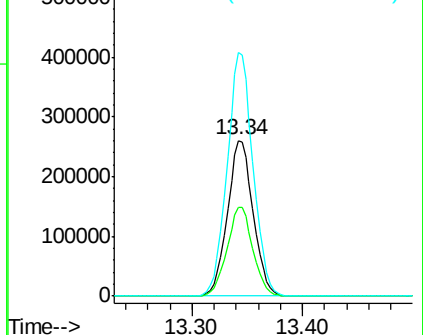


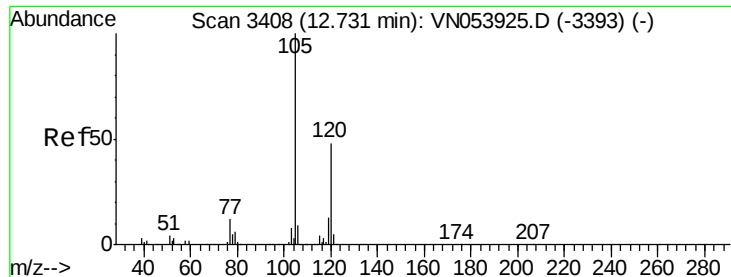
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN053975.D
Acq: 27 Feb 2019 18:23

Tgt Ion:152 Resp: 419730
Ion Ratio Lower Upper
152 100
115 57.3 27.2 81.6
150 157.6 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





#80

1,3,5-Trimethylbenzene

Concen: 0.611 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN053975.D

Acq: 27 Feb 2019 18:23

Instrument :

MSVOA_N

ClientSampleId :

PB117426TB

Tot Ion:105 Resp: 16339

Ion Ratio Lower Upper

105 100

120 49.3 25.1 75.2

