

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022719\
 Data File : VN053976.D
 Acq On : 27 Feb 2019 18:50
 Operator : JC/SP
 Sample : PB117434TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117434TB

Quant Time: Feb 28 07:34:03 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

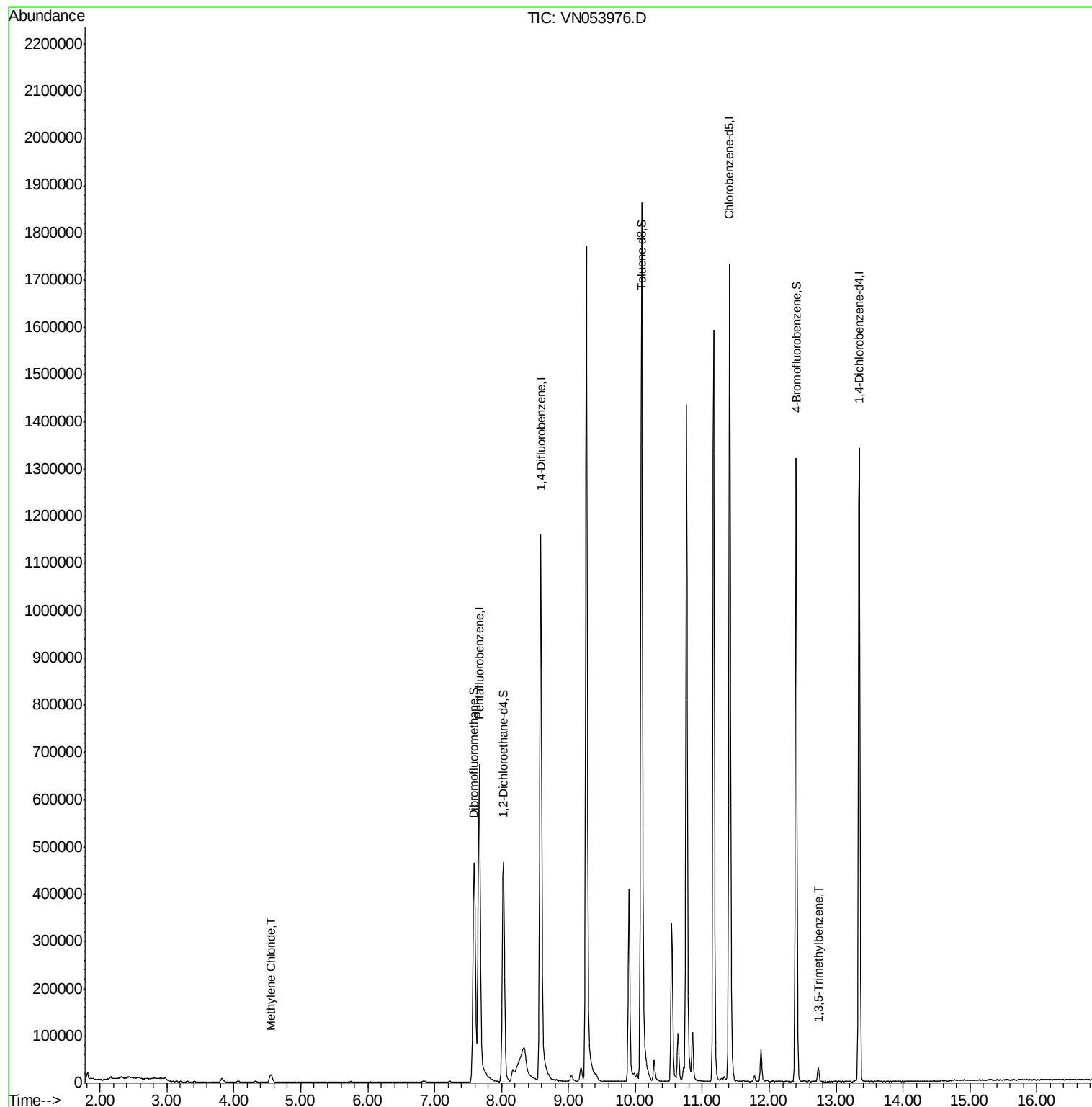
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	633124	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1134486	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1088417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	374067	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	402357	54.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.42%	
35) Dibromofluoromethane	7.59	113	369459	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
50) Toluene-d8	10.09	98	1449134	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	
62) 4-Bromofluorobenzene	12.40	95	463189	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
Target Compounds						
20) Methylene Chloride	4.55	84	12112	1.649	ug/l #	84
80) 1,3,5-Trimethylbenzene	12.73	105	16387	0.687	ug/l	97

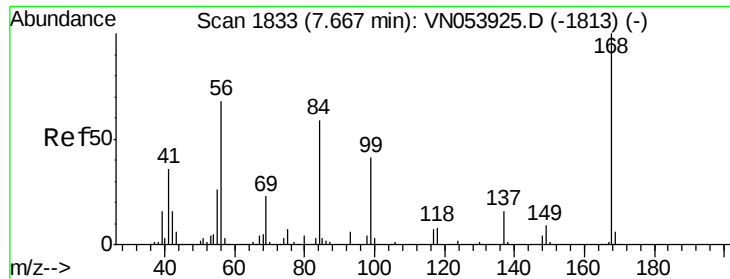
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053976.D

Acq: 27 Feb 2019 18:50

Instrument :

MSVOA_N

ClientSampleId :

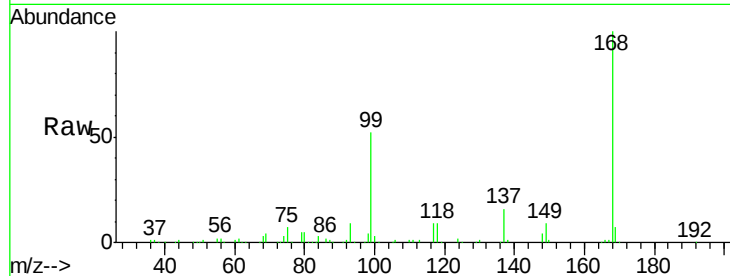
PB117434TB

Tot Ion:168 Resp: 633124

Ion Ratio Lower Upper

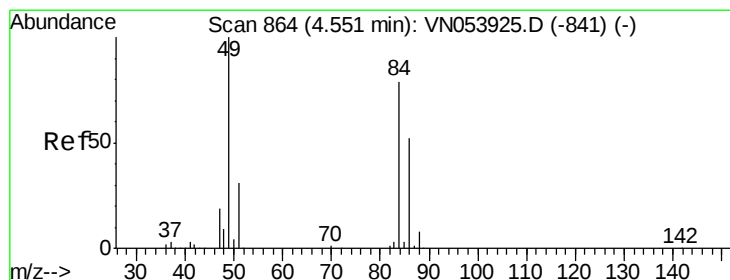
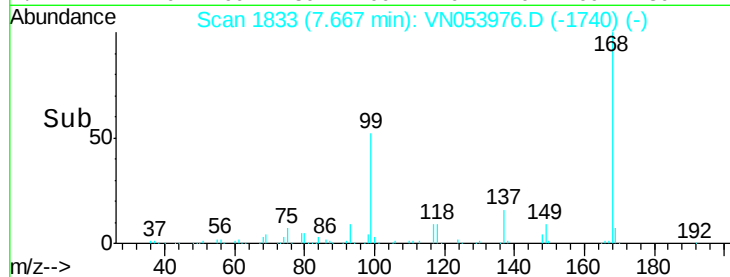
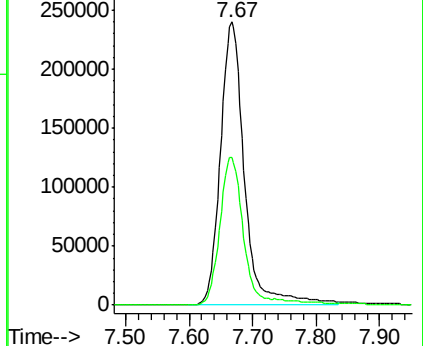
168 100

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: 1.649 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.00 min

Lab File: VN053976.D

Acq: 27 Feb 2019 18:50

Tgt Ion: 84 Resp: 12112

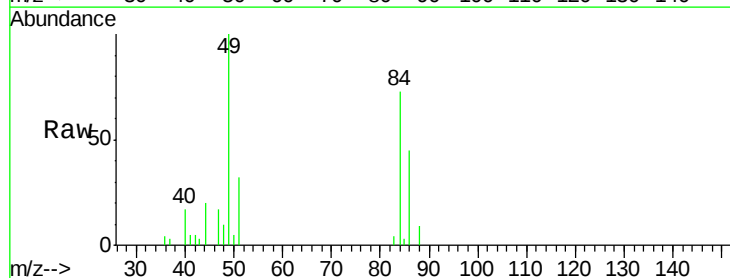
Ion Ratio Lower Upper

84 100

49 136.6 89.7 134.5#

51 43.3 27.8 41.8#

86 61.4 51.3 76.9

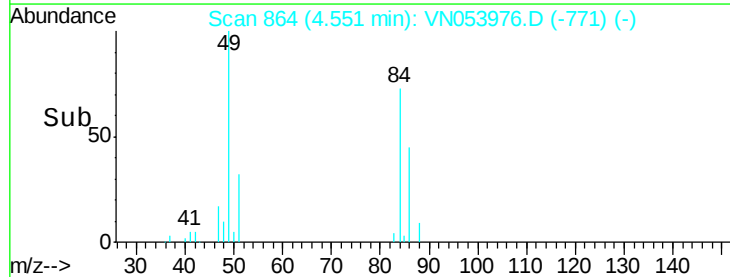
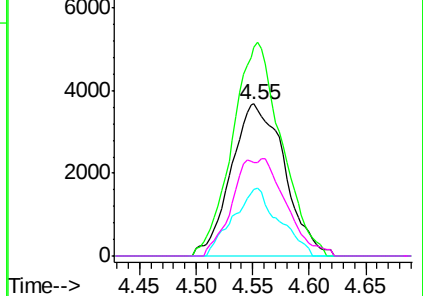


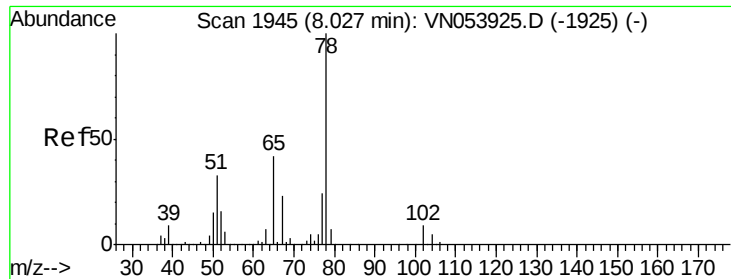
Abundance Ion 83.90 (83.60 to 84.60): VNO

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

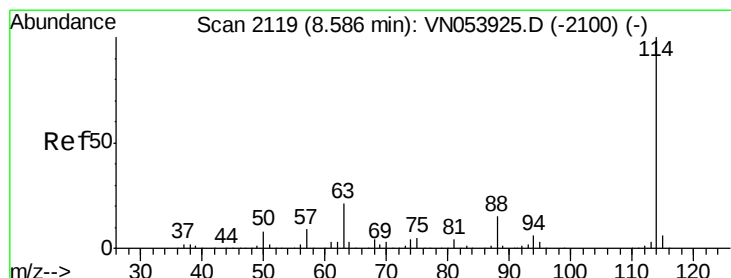
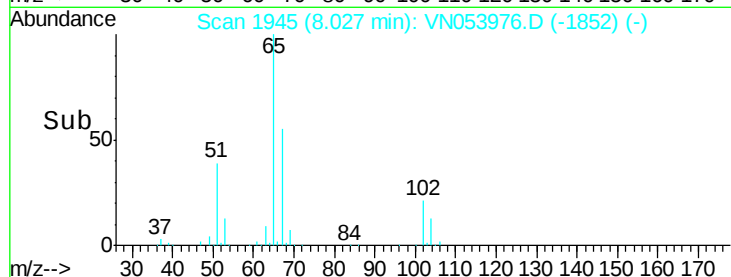
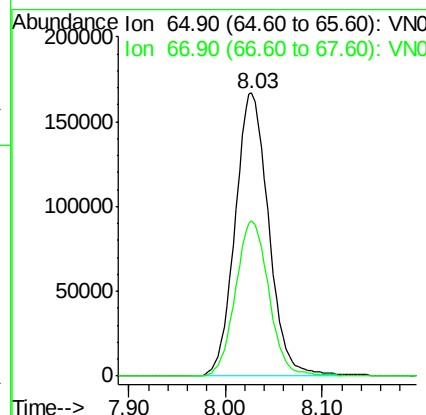
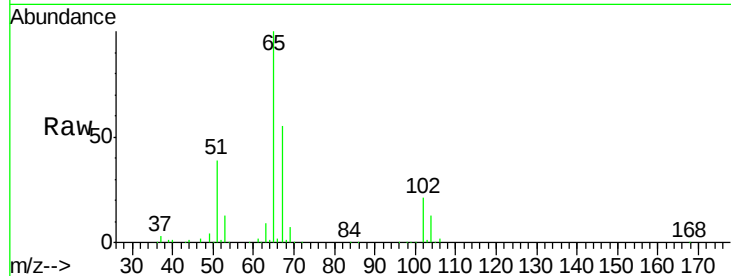




#33
 1,2-Dichloroethane-d4
 Concen: 54.214 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053976.D
 Acq: 27 Feb 2019 18:50

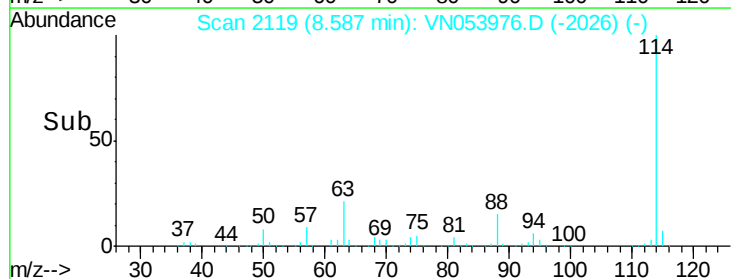
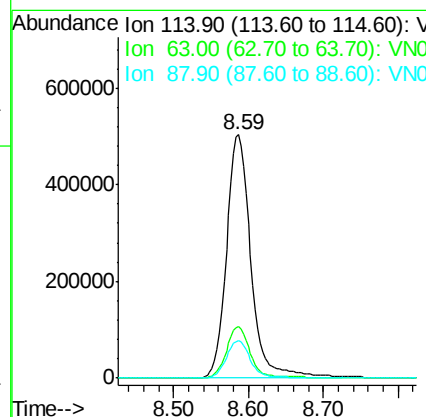
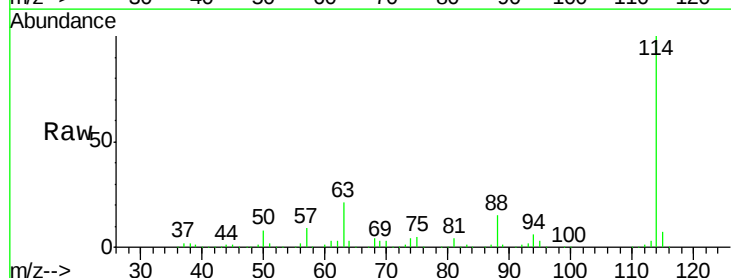
Instrument :
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 PB117434TB

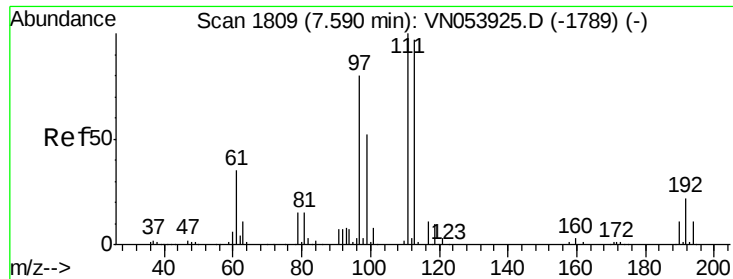
Tot Ion: 65 Resp: 402357
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053976.D
 Acq: 27 Feb 2019 18:50

Tgt Ion: 114 Resp: 1134486
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 37.4
 88 15.3 0.0 30.4

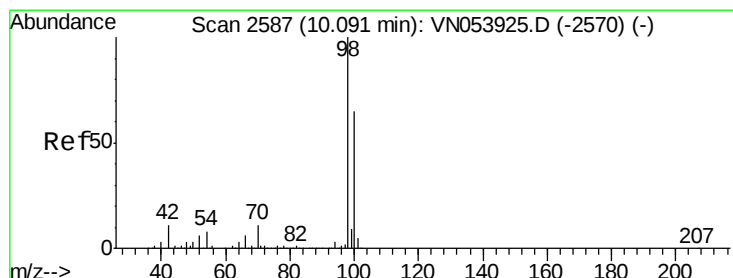
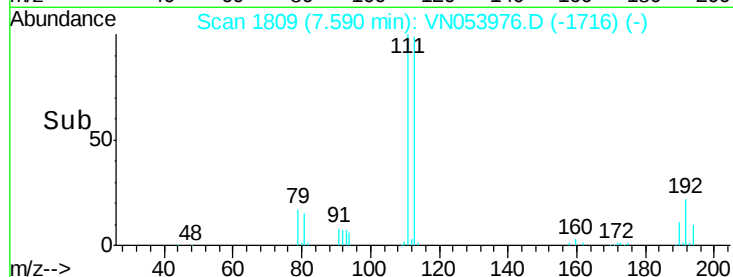
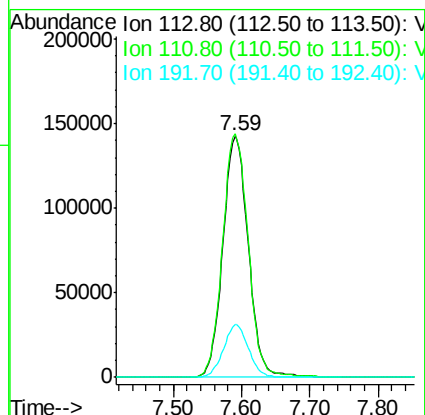
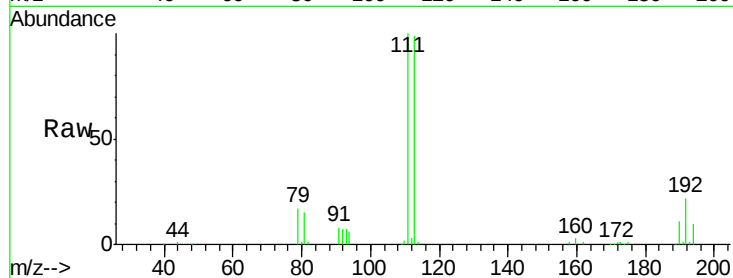




#35
 Dibromofluoromethane
 Concen: 50.361 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053976.D
 Acq: 27 Feb 2019 18:50

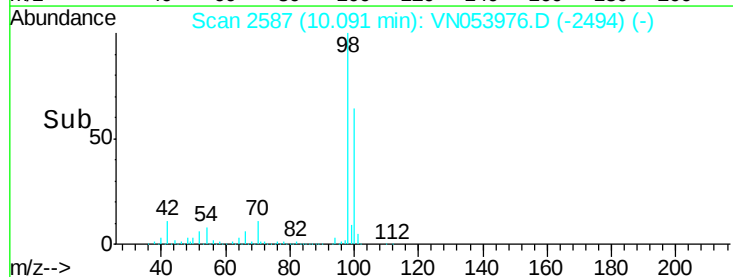
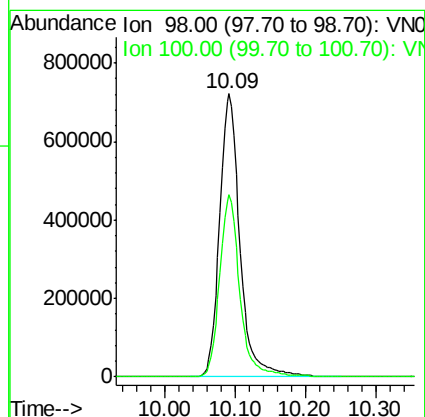
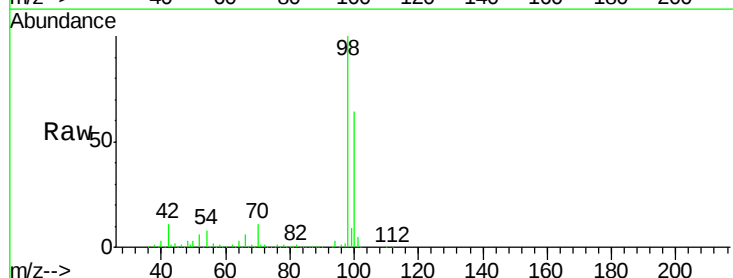
Instrument :
 MSVOA_N
 ClientSampleId :
 PB117434TB

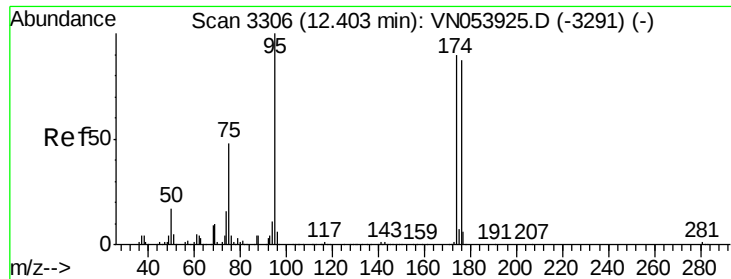
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.1	121.7
192	21.5	18.8	28.2



#50
 Toluene-d8
 Concen: 53.063 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN053976.D
 Acq: 27 Feb 2019 18:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.9	77.9

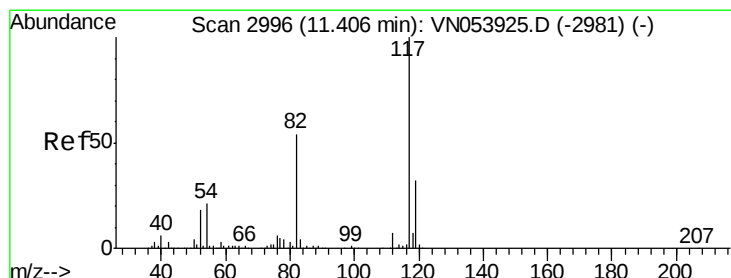
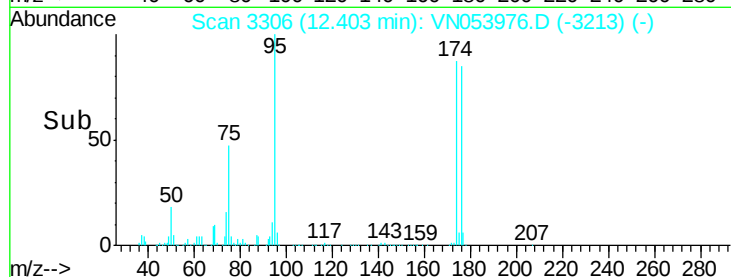
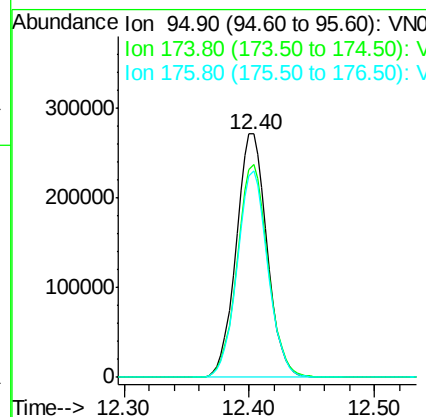
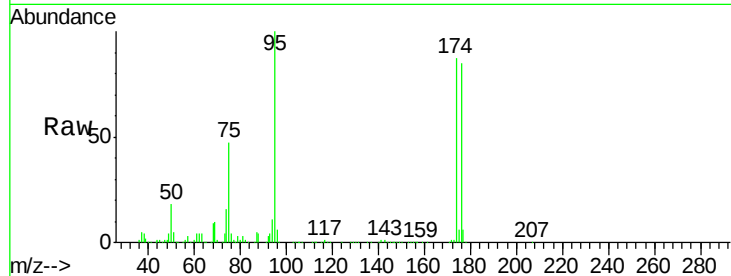




#62
 4-Bromofluorobenzene
 Concen: 50.907 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN053976.D
 Acq: 27 Feb 2019 18:50

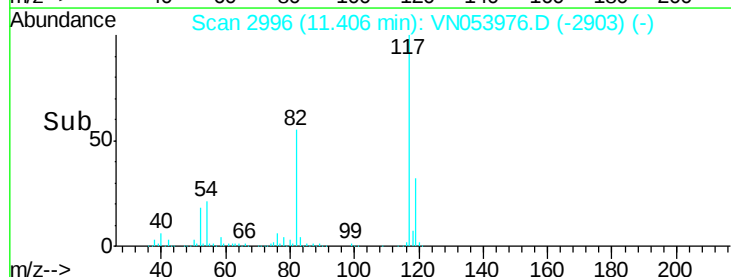
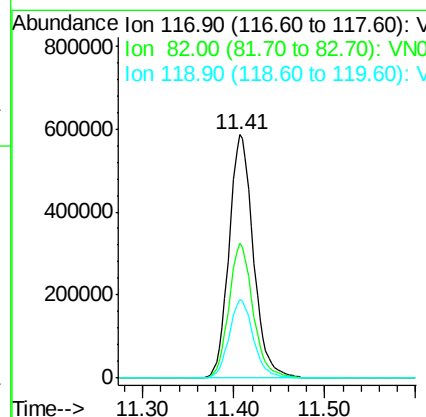
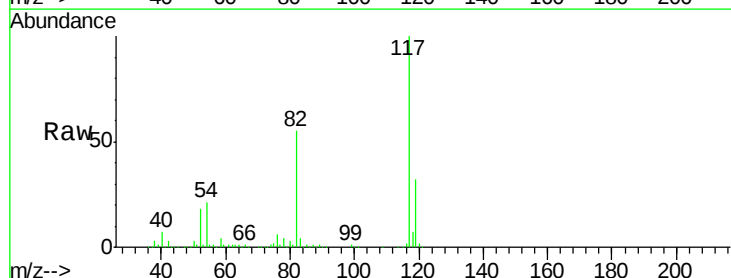
Instrument :
 MSVOA_N
 ClientSampleId :
 PB117434TB

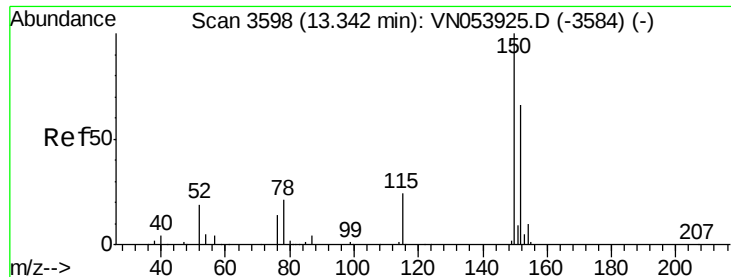
Tot Ion: 95 Resp: 463189
 Ion Ratio Lower Upper
 95 100
 174 87.3 0.0 188.8
 176 84.0 0.0 182.6



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN053976.D
 Acq: 27 Feb 2019 18:50

Tgt Ion: 117 Resp: 1088417
 Ion Ratio Lower Upper
 117 100
 82 55.2 41.4 62.2
 119 32.4 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053976.D

Acq: 27 Feb 2019 18:50

Instrument :

MSVOA_N

ClientSampleId :

PB117434TB

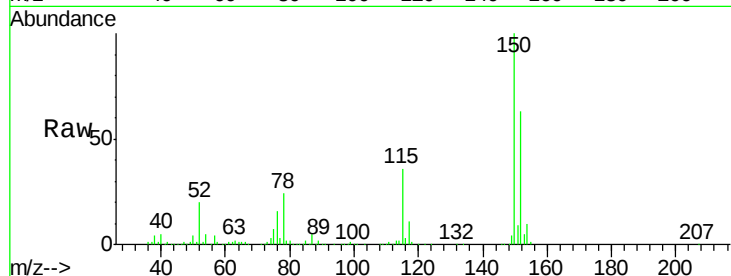
Tot Ion:152 Resp: 374067

Ion Ratio Lower Upper

152 100

115 57.0 27.2 81.6

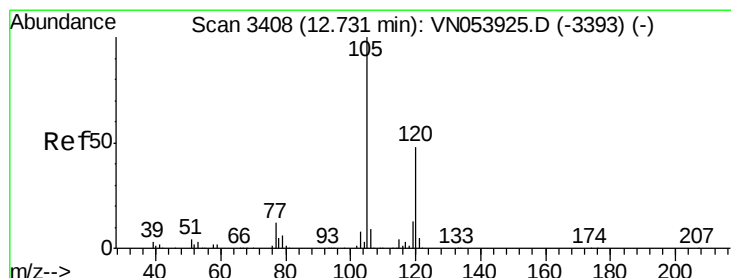
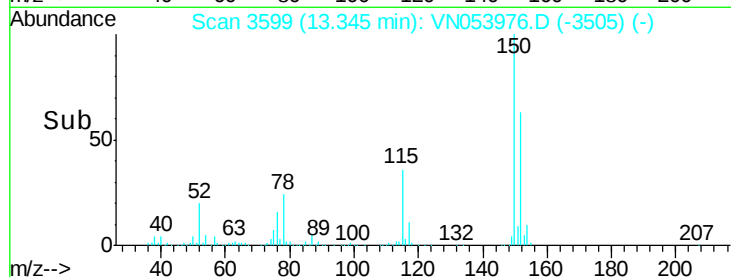
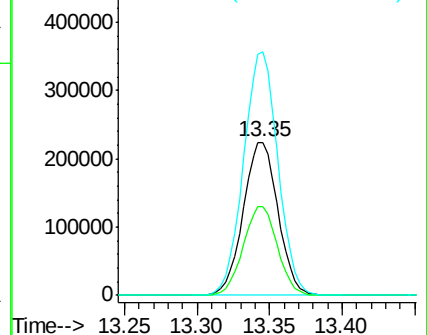
150 157.5 0.0 348.2



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



#80

1,3,5-Trimethylbenzene

Concen: 0.687 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053976.D

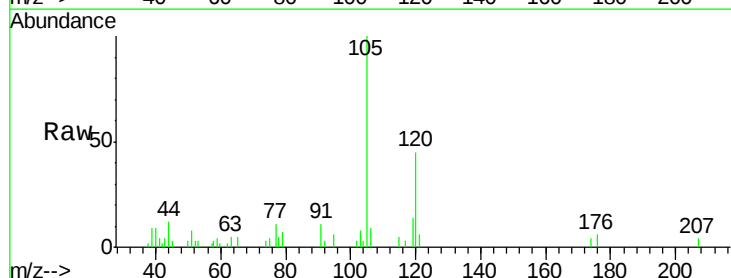
Acq: 27 Feb 2019 18:50

Tgt Ion:105 Resp: 16387

Ion Ratio Lower Upper

105 100

120 48.0 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

