

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112619\
 Data File : VN059404.D
 Acq On : 26 Nov 2019 14:24
 Operator : JC/SP
 Sample : PB125099TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB125099TB

Quant Time: Nov 27 07:05:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

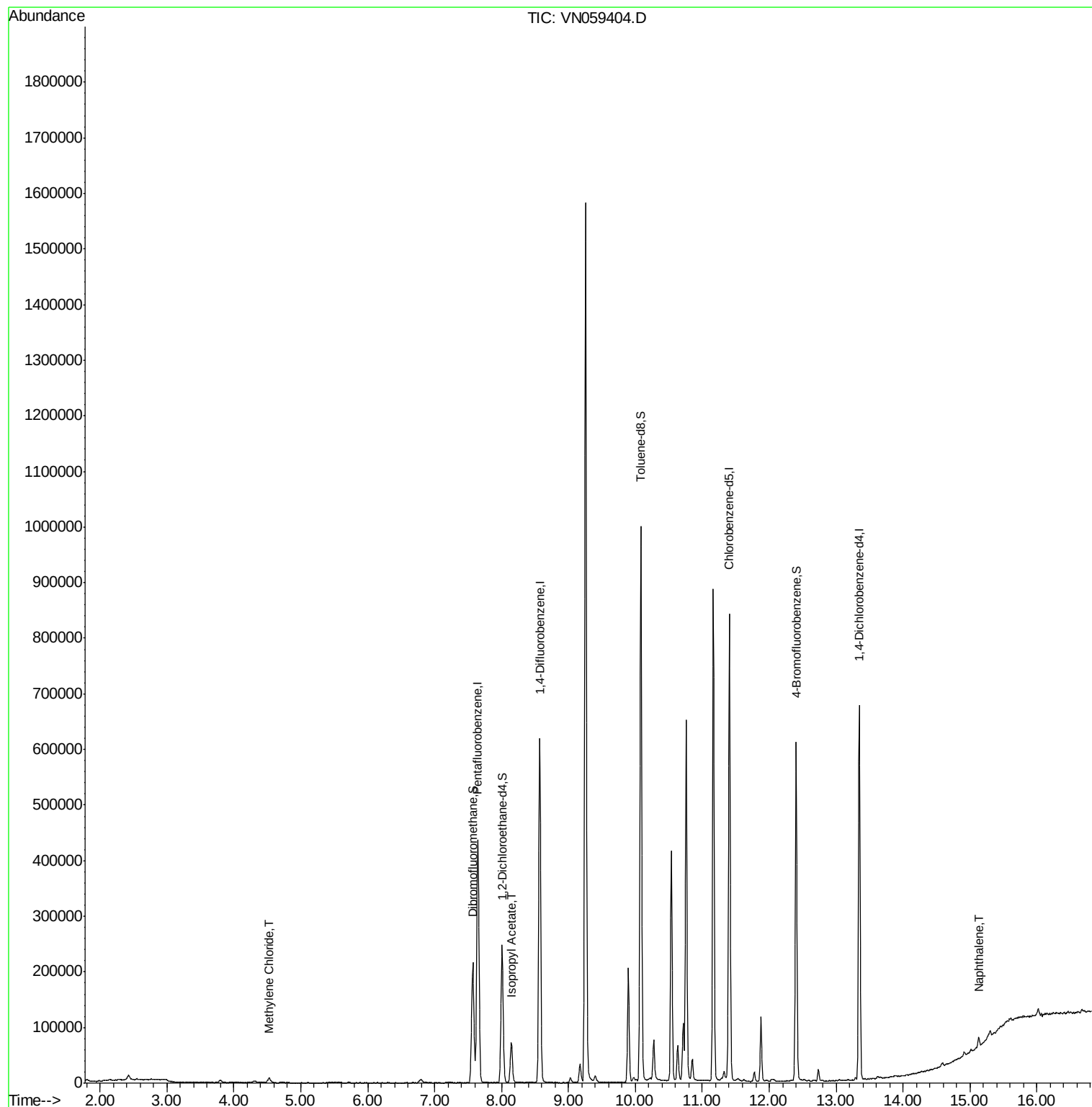
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	373705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	569171	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	504269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	188856	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	209881	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.62%	
35) Dibromofluoromethane	7.57	113	169843	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
50) Toluene-d8	10.08	98	697201	51.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.72%	
62) 4-Bromofluorobenzene	12.40	95	225879	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.18%	
Target Compounds						
20) Methylene Chloride	4.52	84	7232	1.595	ug/l	91
43) Isopropyl Acetate	8.15	43	86059	8.917	ug/l #	92
95) Naphthalene	15.13	128	11683	4.151	ug/l	98

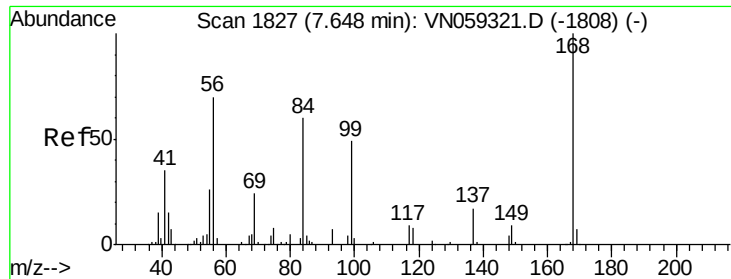
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 21 08:44:45 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059404.D

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Instrument :

MSVOA_N

ClientSampleId :

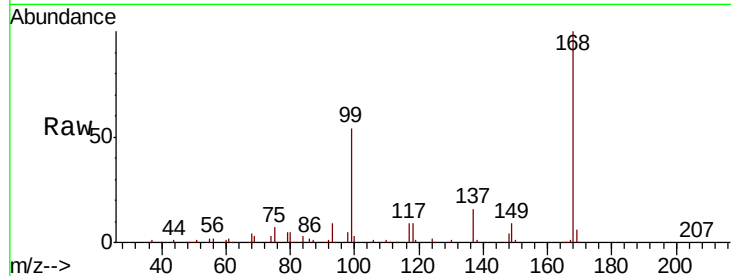
PB125099TB

Tot Ion:168 Resp: 373705

Ion Ratio Lower Upper

168 100

99 54.1 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

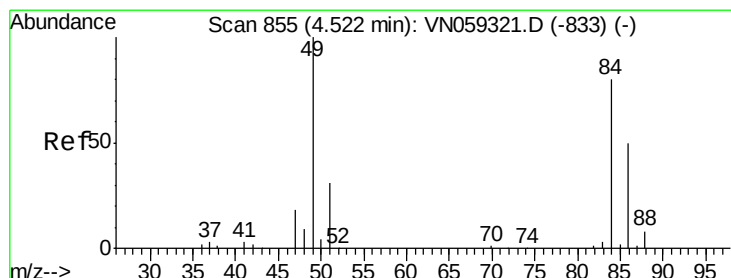
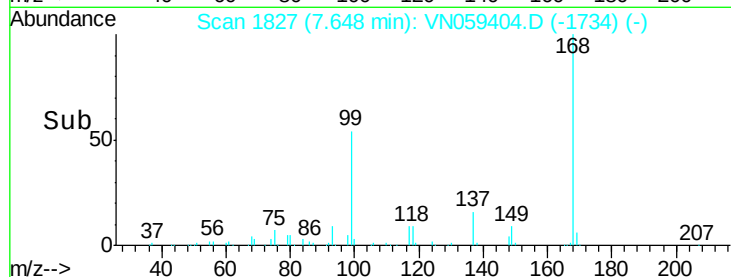
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.595 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN059404.D

Acq: 26 Nov 2019 14:24

Tgt Ion: 84 Resp: 7232

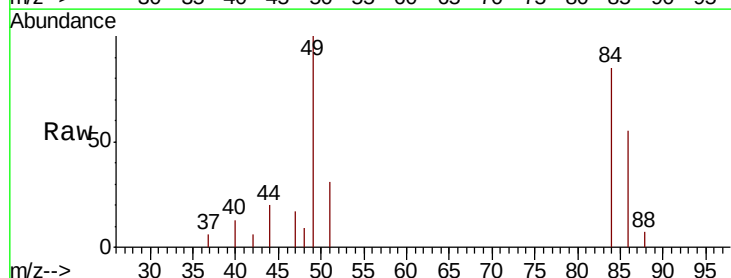
Ion Ratio Lower Upper

84 100

49 109.1 99.5 149.3

51 36.4 31.1 46.7

86 64.2 49.9 74.9



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

4000

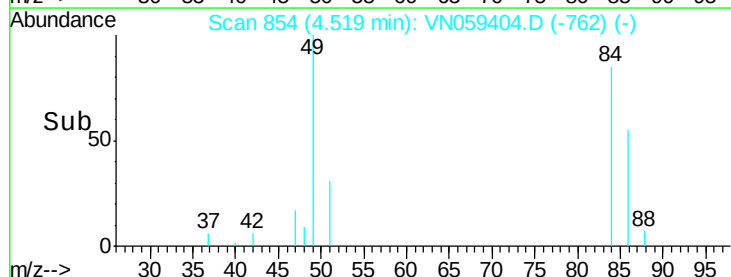
3000

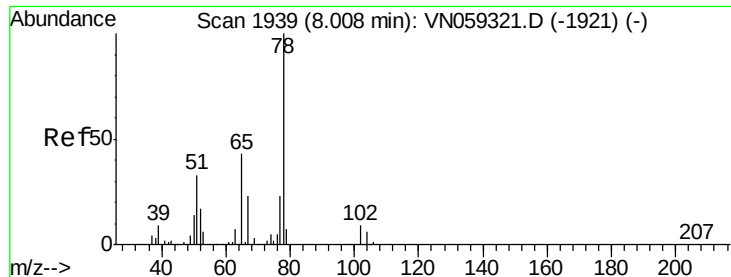
2000

1000

0

Time-->

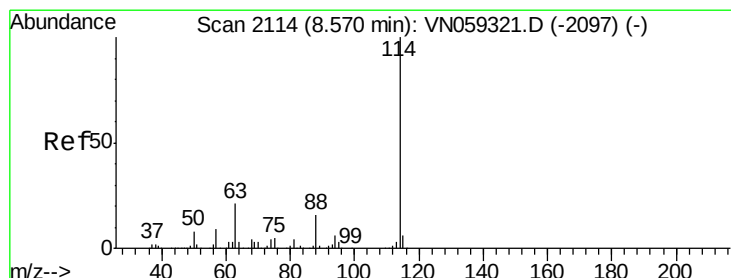
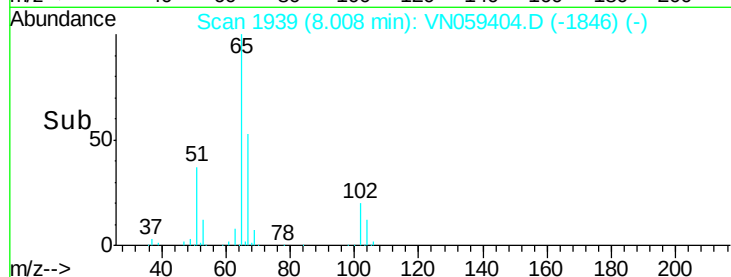
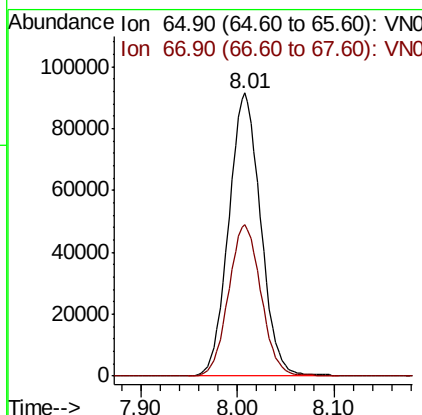
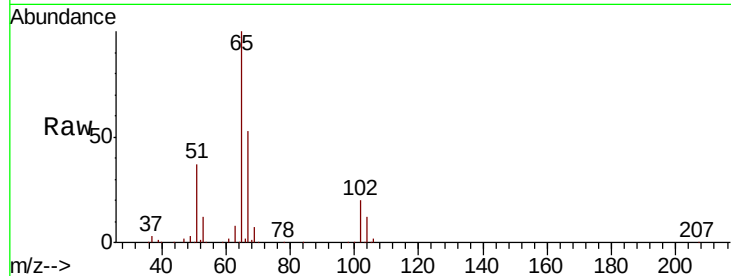




#33
 1,2-Dichloroethane-d4
 Concen: 46.808 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059404.D
 Acq: 26 Nov 2019 14:24

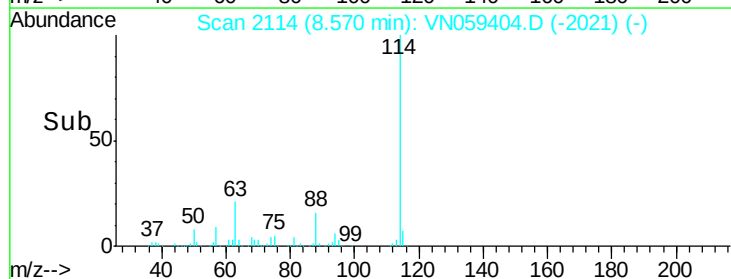
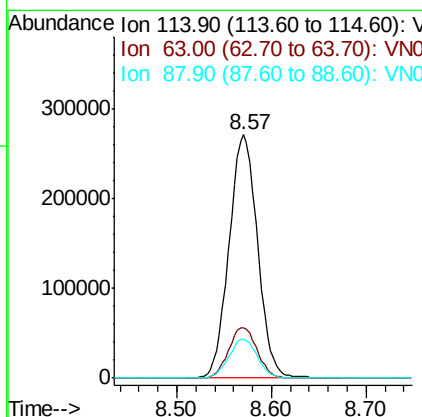
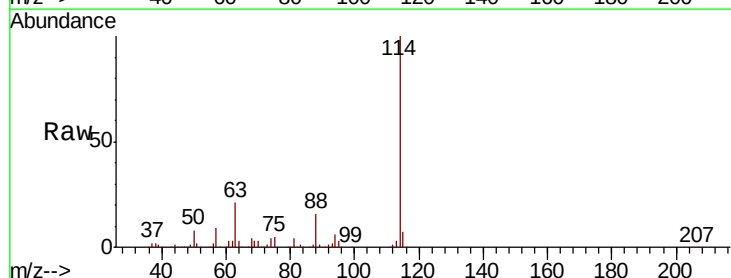
Instrument :
 MSVOA_N
 ClientSampled :
 PB125099TB

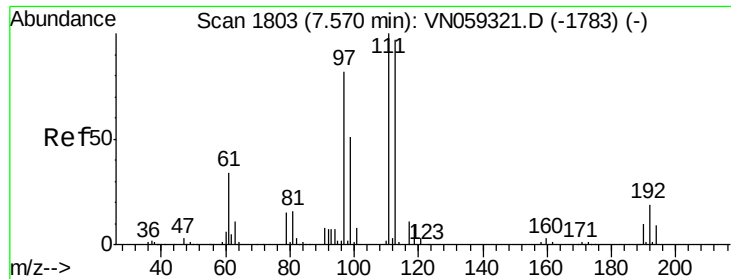
Tot Ion: 65 Resp: 209881
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059404.D
 Acq: 26 Nov 2019 14:24

Tgt Ion: 114 Resp: 569171
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.2
 88 16.1 0.0 32.2

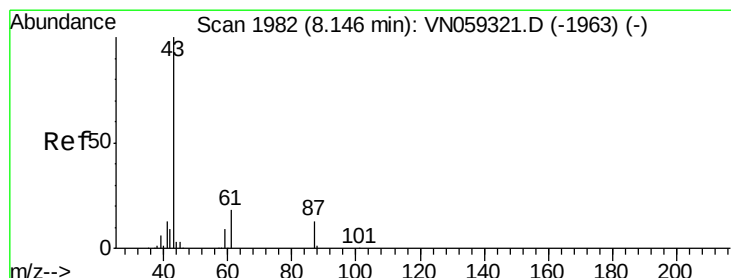
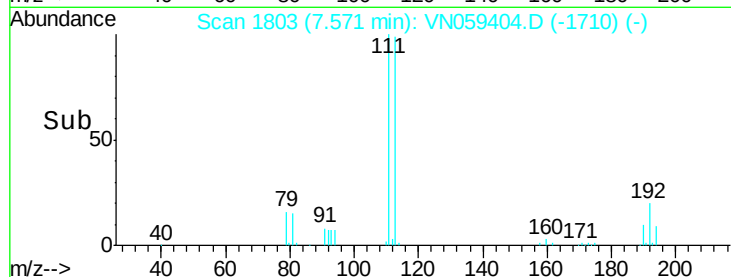
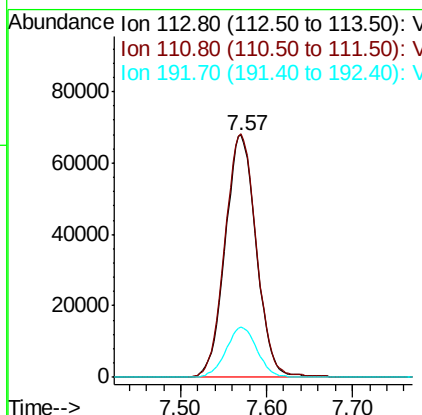
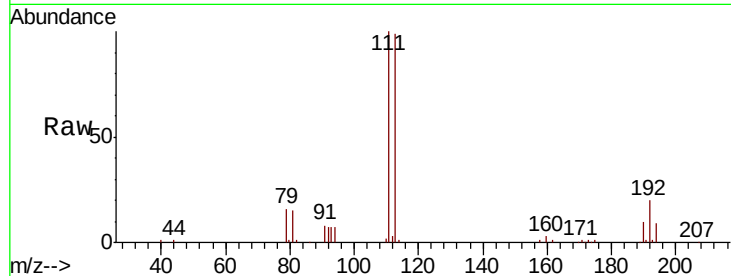




#35
 Dibromofluoromethane
 Concen: 49.739 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059404.D
 Acq: 26 Nov 2019 14:24

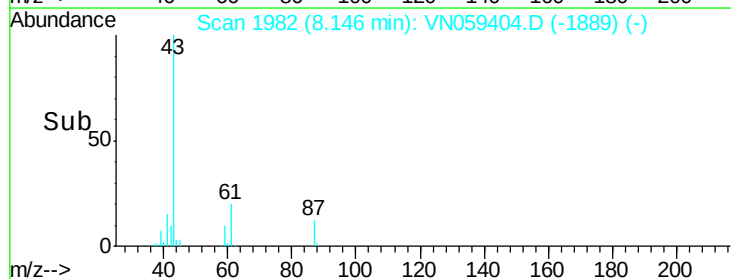
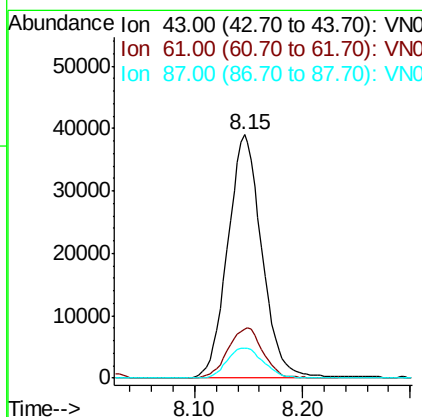
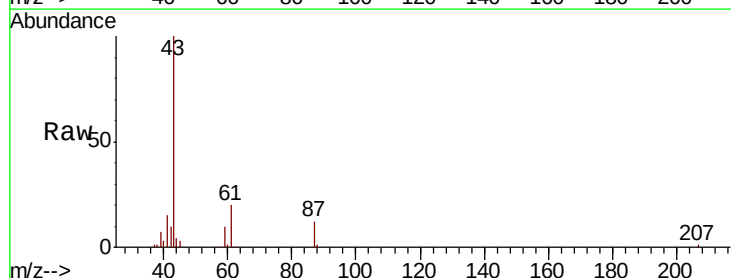
Instrument :
 MSVOA_N
 ClientSampleId :
 PB125099TB

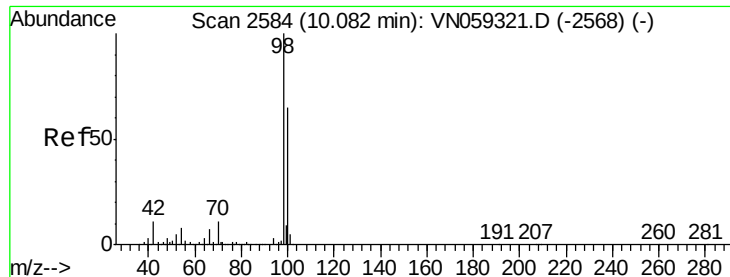
Tot Ion:113 Resp: 169843
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.7 124.1
 192 20.7 16.3 24.5



#43
 Isopropyl Acetate
 Concen: 8.917 ug/l
 RT: 8.15 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VN059404.D
 Acq: 26 Nov 2019 14:24

Tgt Ion: 43 Resp: 86059
 Ion Ratio Lower Upper
 43 100
 61 21.0 21.7 32.5#
 87 13.1 10.2 15.4





#50

Toluene-d8

Concen: 51.359 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059404.D

Acq: 26 Nov 2019 14:24

Instrument :

MSVOA_N

ClientSampleId :

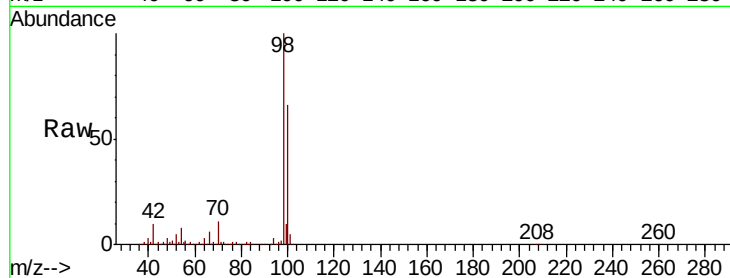
PB125099TB

Tot Ion: 98 Resp: 697201

Ion Ratio Lower Upper

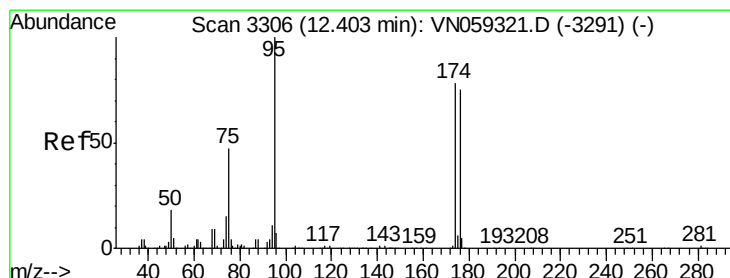
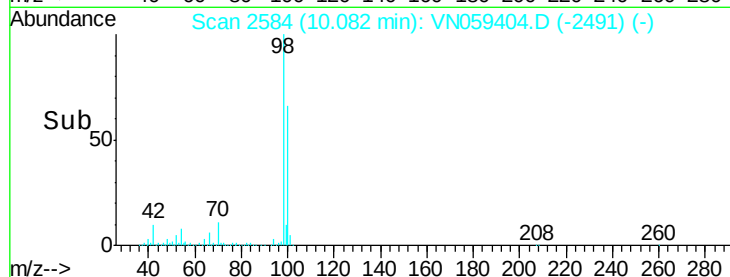
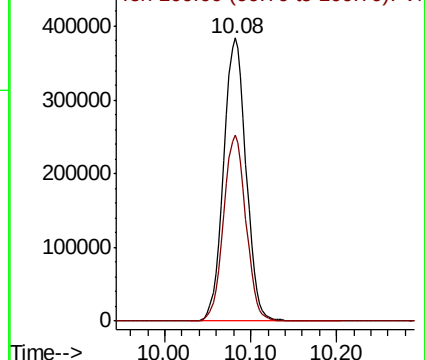
98 100

100 65.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 47.588 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059404.D

Acq: 26 Nov 2019 14:24

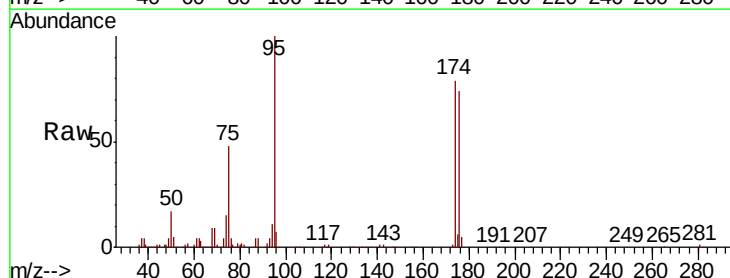
Tgt Ion: 95 Resp: 225879

Ion Ratio Lower Upper

95 100

174 79.3 0.0 157.4

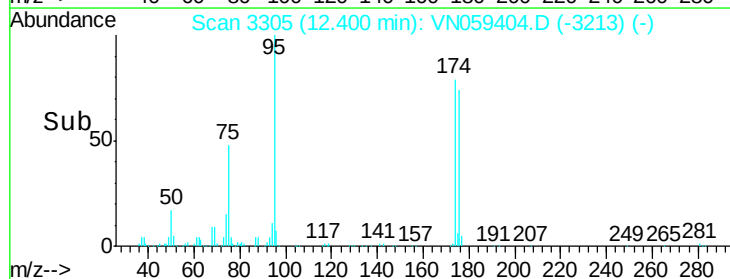
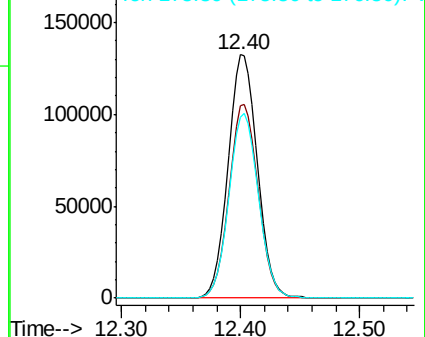
176 76.6 0.0 151.2

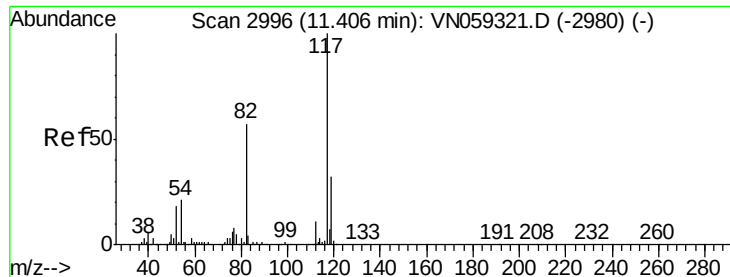


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

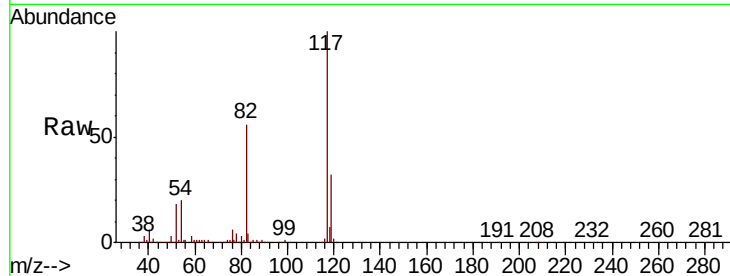




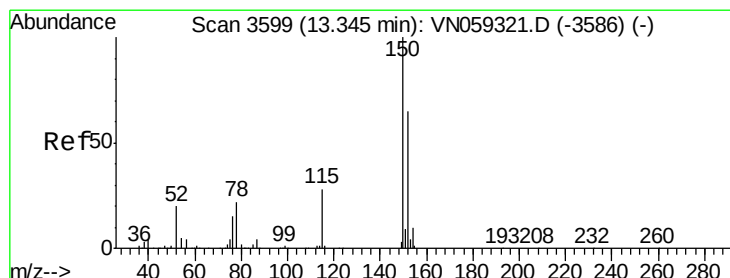
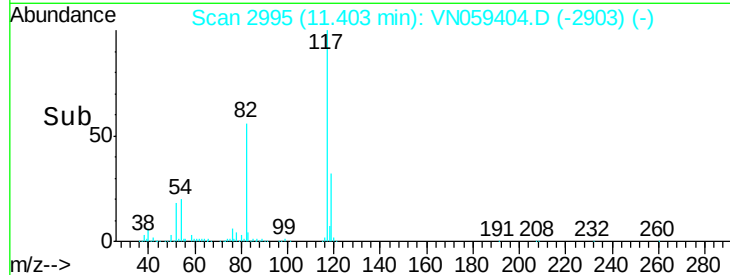
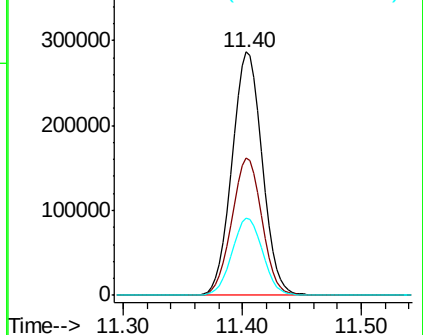
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059404.D
Acq: 26 Nov 2019 14:24

Instrument :
MSVOA_N
ClientSampleId :
PB125099TB

Tot Ion:117 Resp: 504269
Ion Ratio Lower Upper
117 100
82 56.5 45.7 68.5
119 31.9 25.8 38.6

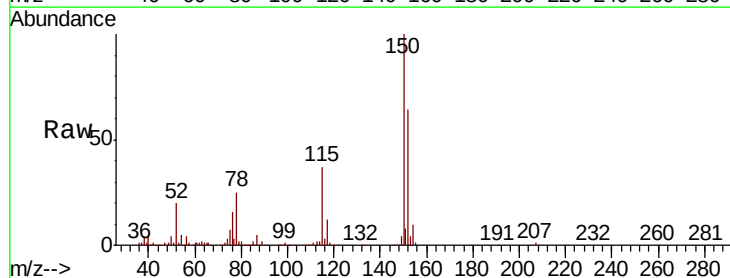


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

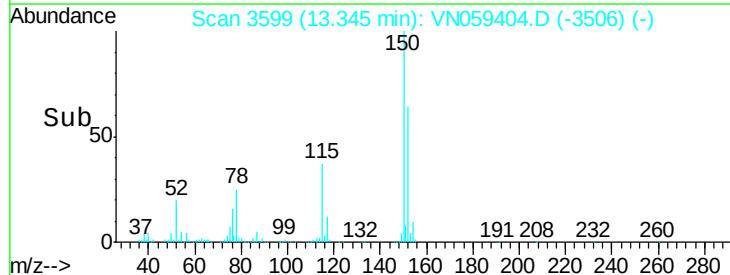
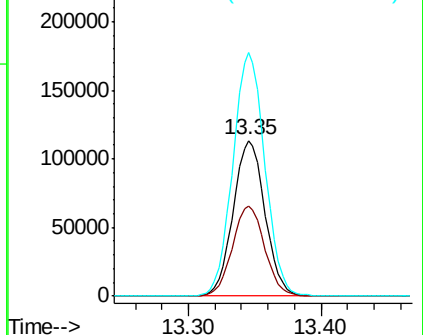


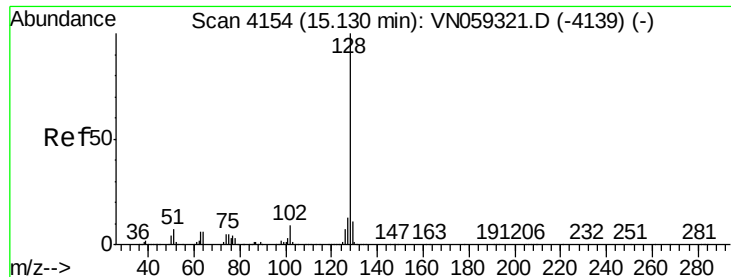
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN059404.D
Acq: 26 Nov 2019 14:24

Tgt Ion:152 Resp: 188856
Ion Ratio Lower Upper
152 100
115 58.8 29.3 88.0
150 157.4 0.0 346.0



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





#95
Naphthalene
Concen: 4.151 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059404.D
Acq: 26 Nov 2019 14:24

Instrument :
MSVOA_N
ClientSampleId :
PB125099TB

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.2	15.2
129	10.0	8.6	13.0

