

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051019\
 Data File : VN055541.D
 Acq On : 10 May 2019 10:41
 Operator : JC/SP
 Sample : PB114593TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114593TB

Quant Time: May 11 01:21:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 06:48:32 2019
 Response via : Initial Calibration

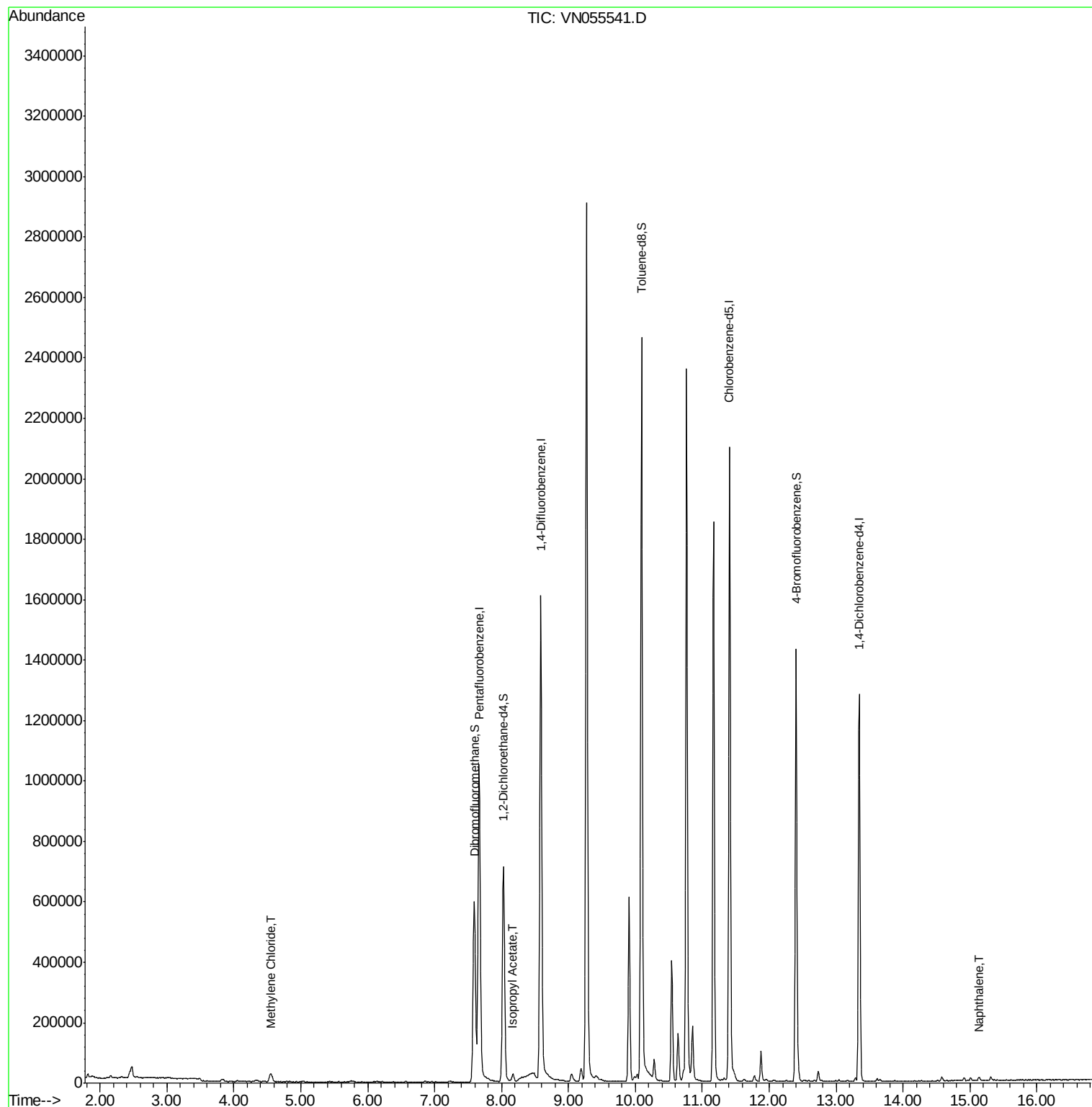
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	880007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1496098	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1245815	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	358038	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	610891	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.22%	
35) Dibromofluoromethane	7.59	113	468644	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
50) Toluene-d8	10.09	98	1806333	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
62) 4-Bromofluorobenzene	12.40	95	528918	41.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.42%	
Target Compounds						
20) Methylene Chloride	4.55	84	19521	1.556	ug/l	90
43) Isopropyl Acetate	8.17	43	29625	1.213	ug/l #	95
95) Naphthalene	15.14	128	9934	3.563	ug/l	99

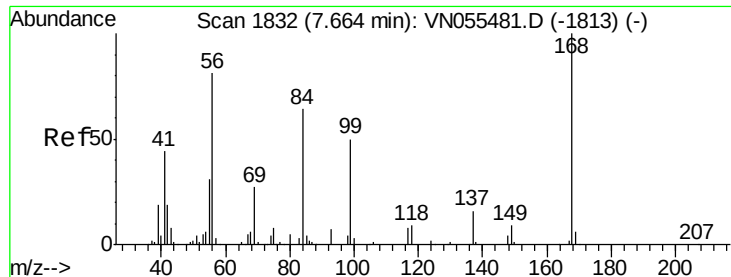
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055541.D

Acq: 10 May 2019 10:41

Instrument :

MSVOA_N

ClientSampled :

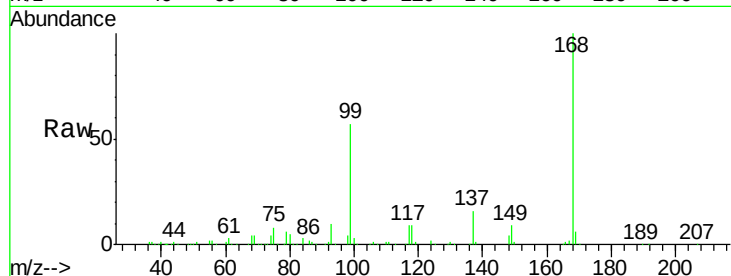
PB114593TB

Tot Ion:168 Resp: 880007

Ion Ratio Lower Upper

168 100

99 56.6 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

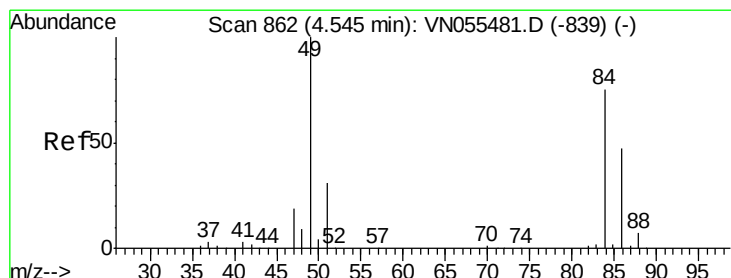
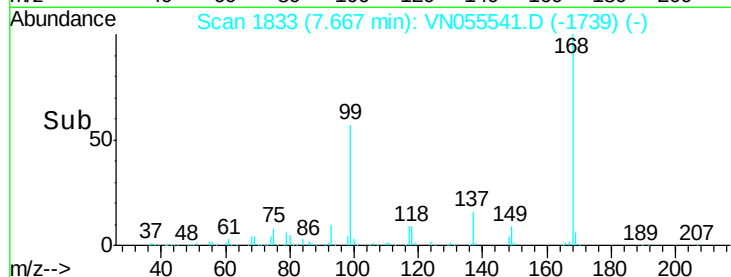
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 1.556 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.01 min

Lab File: VN055541.D

Acq: 10 May 2019 10:41

Tgt Ion: 84 Resp: 19521

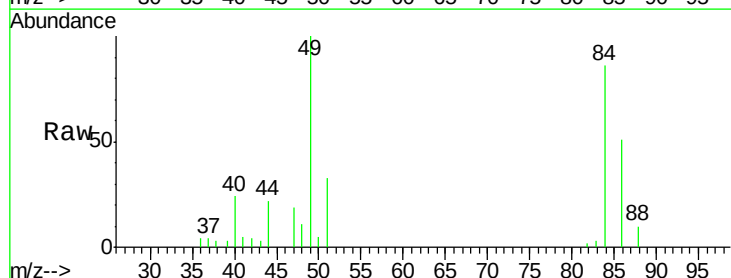
Ion Ratio Lower Upper

84 100

49 116.3 107.0 160.6

51 38.1 33.0 49.4

86 59.5 50.6 76.0



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

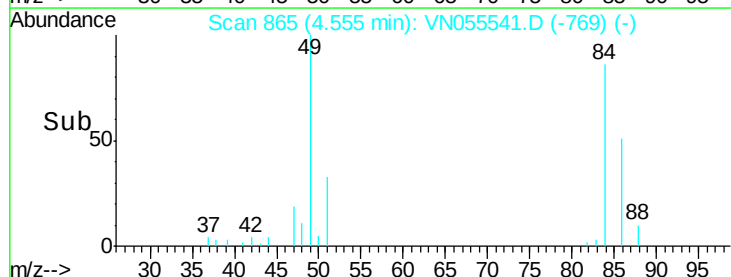
Ion 85.90 (85.60 to 86.60): VNO

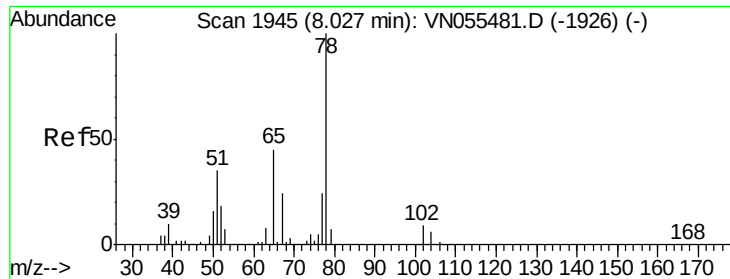
10000

5000

0

Time-->

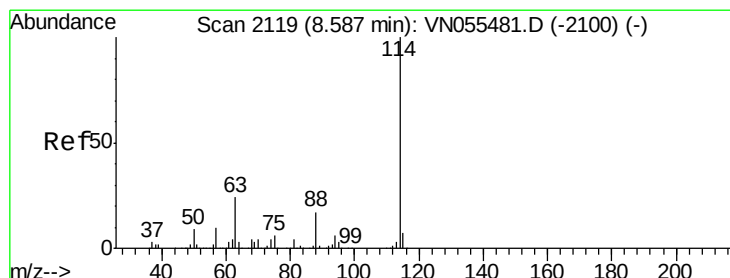
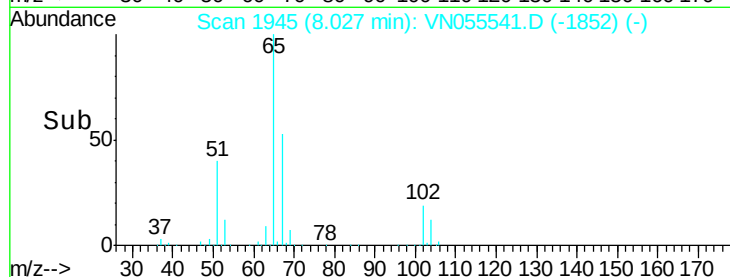
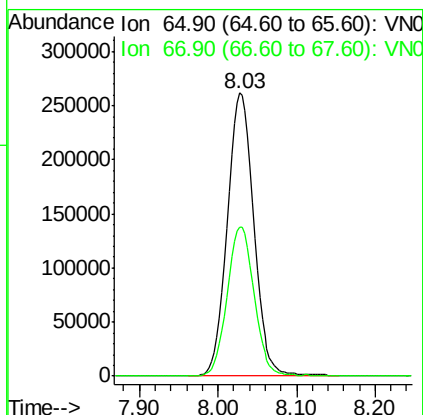
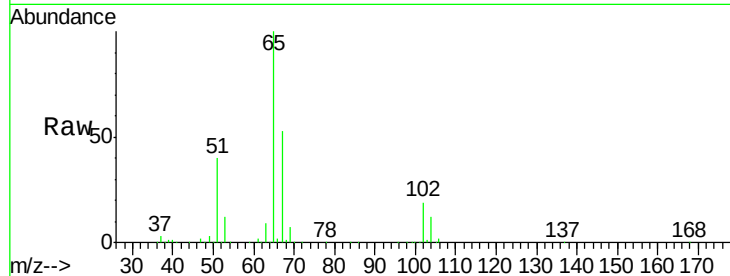




#33
 1,2-Dichloroethane-d4
 Concen: 46.105 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055541.D
 Acq: 10 May 2019 10:41

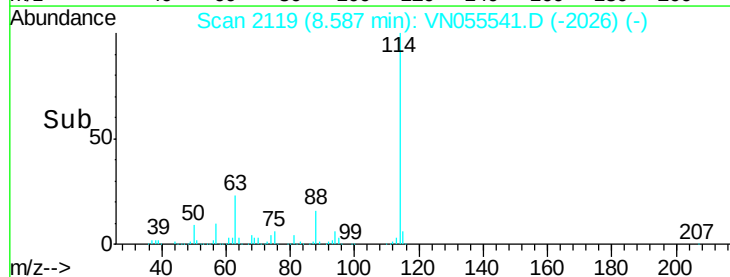
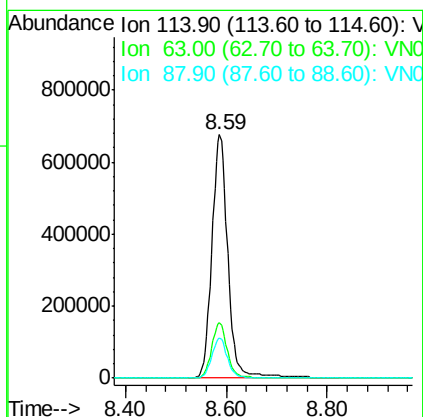
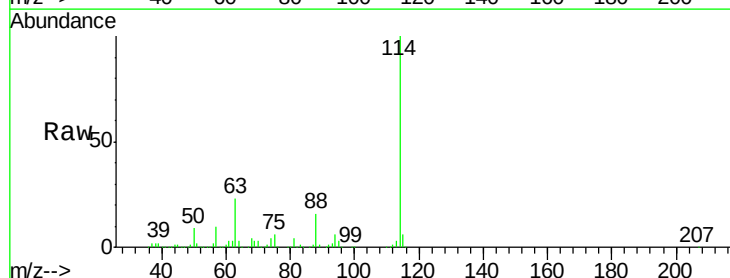
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114593TB

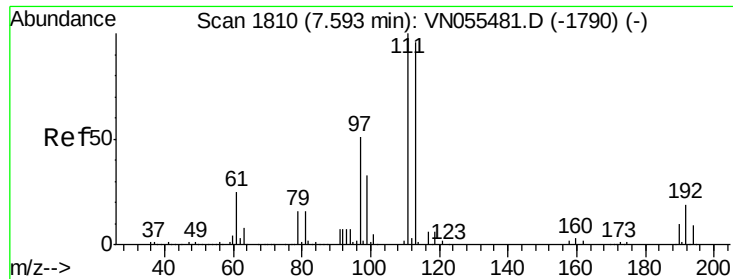
Tot Ion: 65 Resp: 610891
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055541.D
 Acq: 10 May 2019 10:41

Tgt Ion: 114 Resp: 1496098
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 47.4
 88 16.5 0.0 34.0

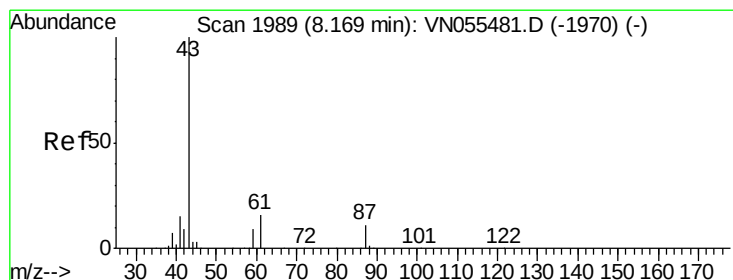
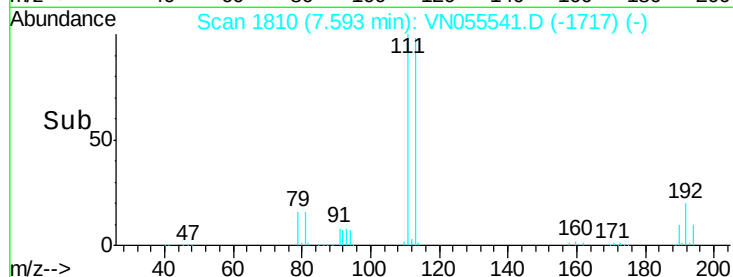
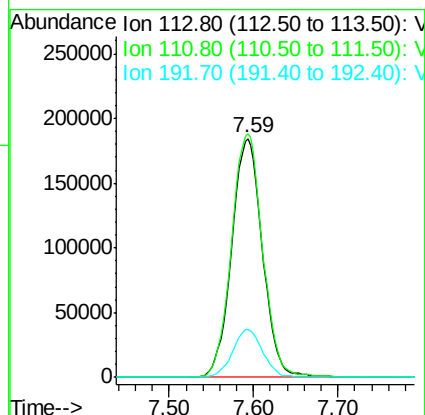
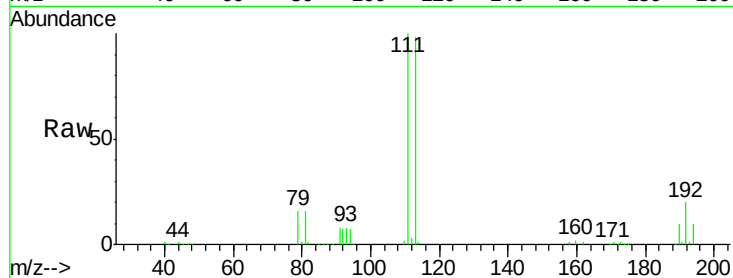




#35
 Dibromofluoromethane
 Concen: 48.559 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN055541.D
 Acq: 10 May 2019 10:41

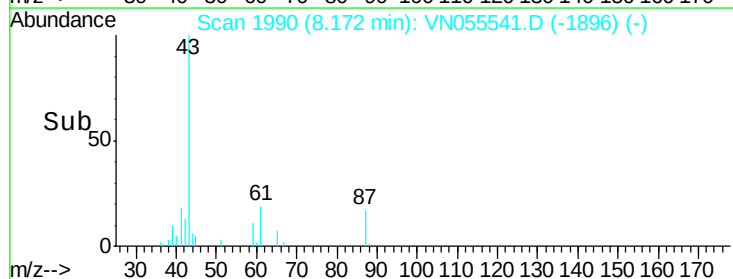
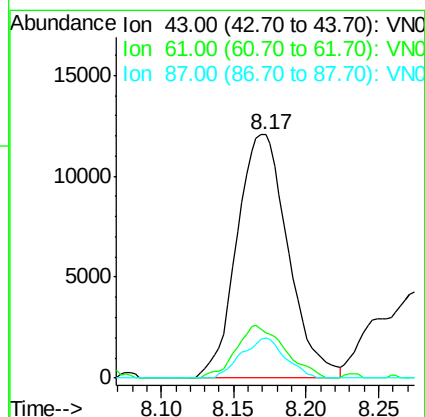
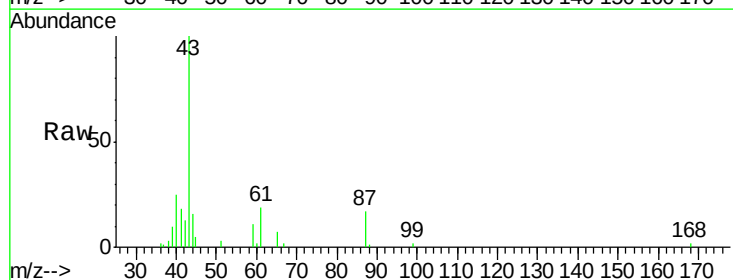
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114593TB

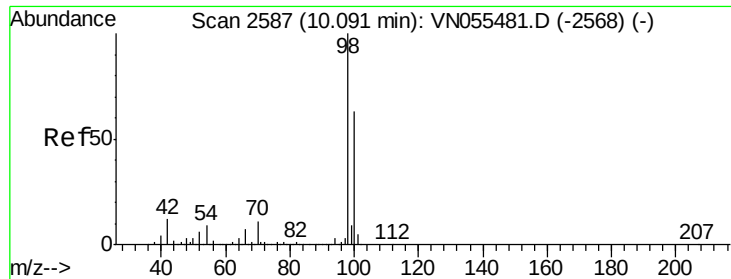
Tot Ion:113 Resp: 468644
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.9 124.3
 192 19.6 15.6 23.4



#43
 Isopropyl Acetate
 Concen: 1.213 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN055541.D
 Acq: 10 May 2019 10:41

Tgt Ion: 43 Resp: 29625
 Ion Ratio Lower Upper
 43 100
 61 20.5 15.1 22.7
 87 13.9 9.0 13.6#





#50

Toluene-d8

Concen: 48.029 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055541.D

Acq: 10 May 2019 10:41

Instrument :

MSVOA_N

ClientSampled :

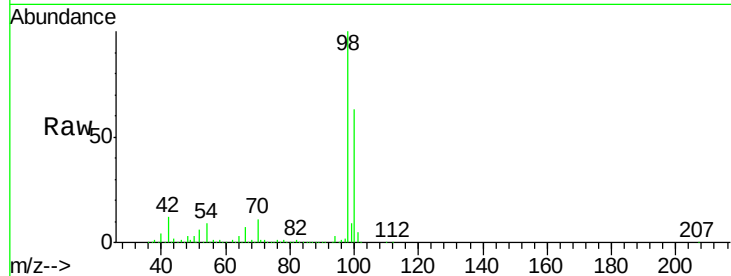
PB114593TB

Tot Ion: 98 Resp: 1806333

Ion Ratio Lower Upper

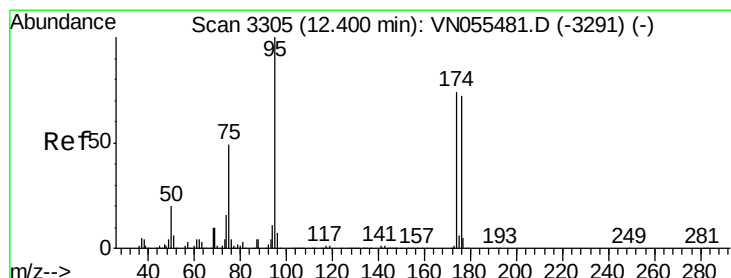
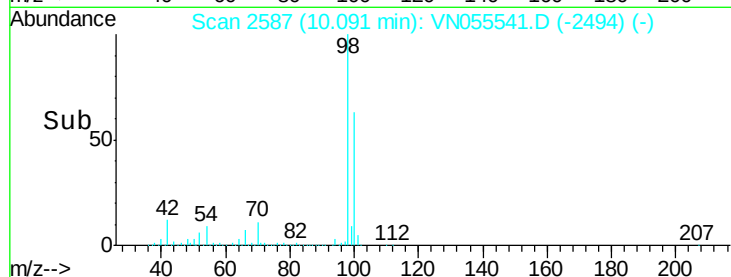
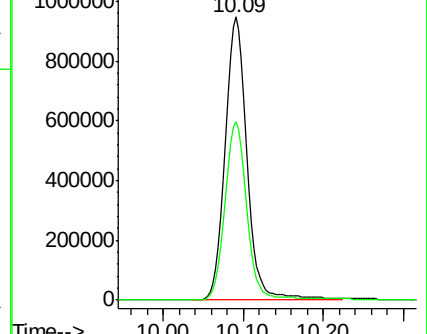
98 100

100 64.1 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 41.709 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055541.D

Acq: 10 May 2019 10:41

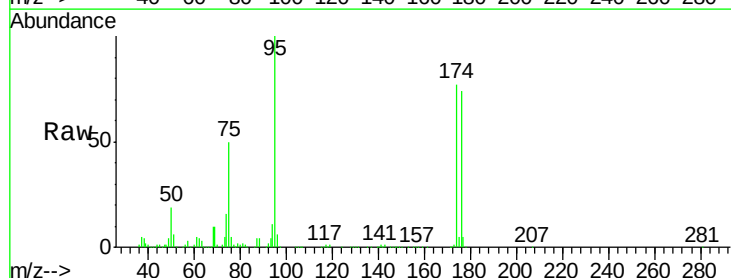
Tgt Ion: 95 Resp: 528918

Ion Ratio Lower Upper

95 100

174 78.6 0.0 152.2

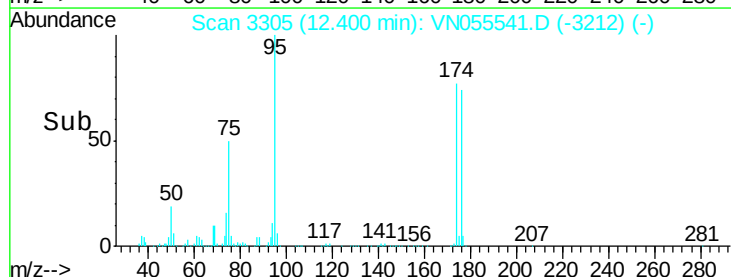
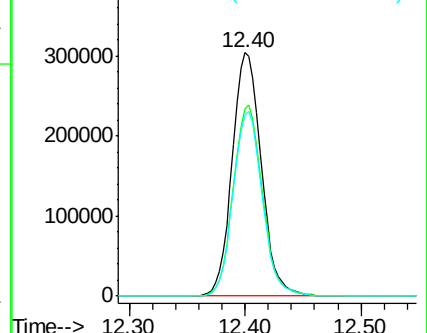
176 76.0 0.0 147.8

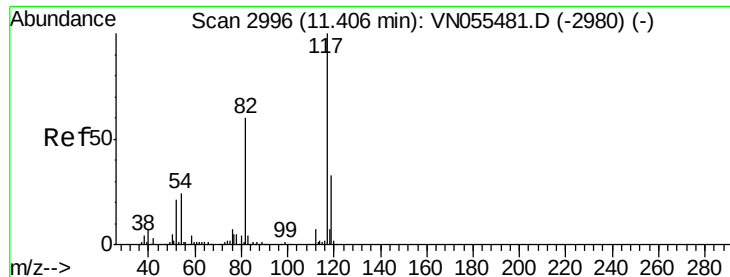


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

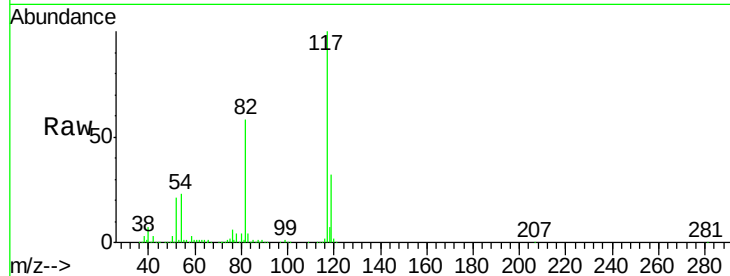




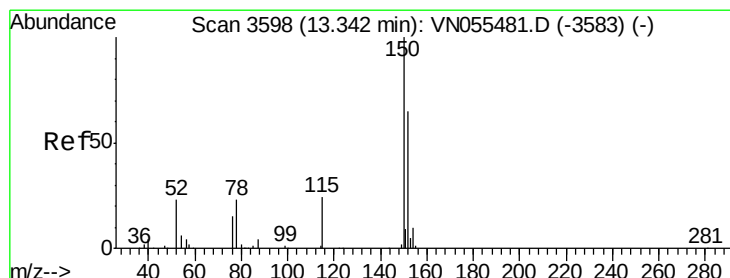
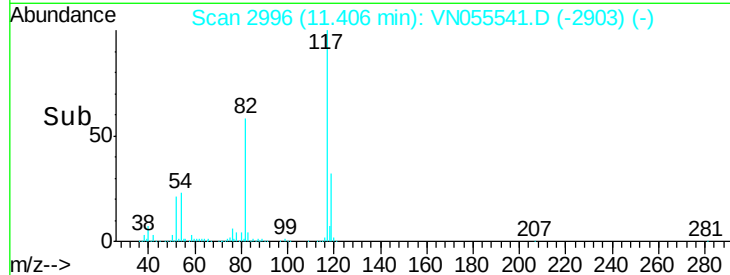
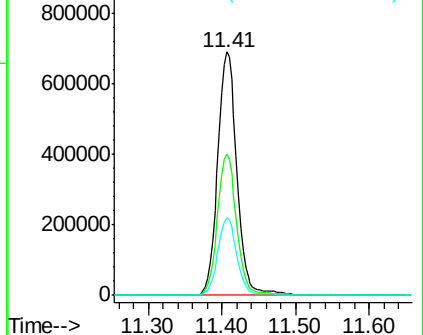
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055541.D
Acq: 10 May 2019 10:41

Instrument :
MSVOA_N
ClientSampleId :
PB114593TB

Tot Ion:117 Resp: 1245815
Ion Ratio Lower Upper
117 100
82 58.1 48.0 72.0
119 31.8 26.0 39.0

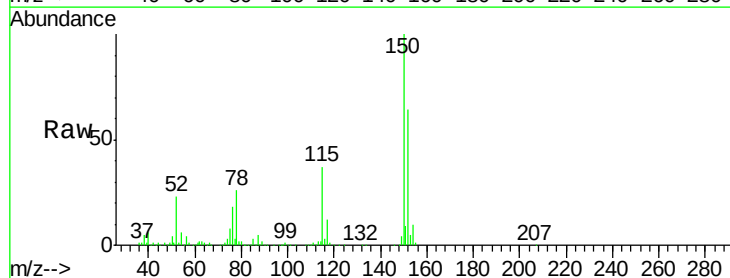


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

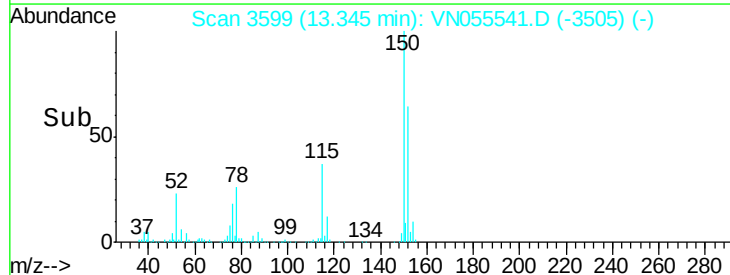
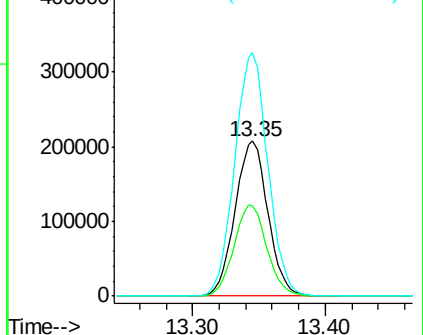


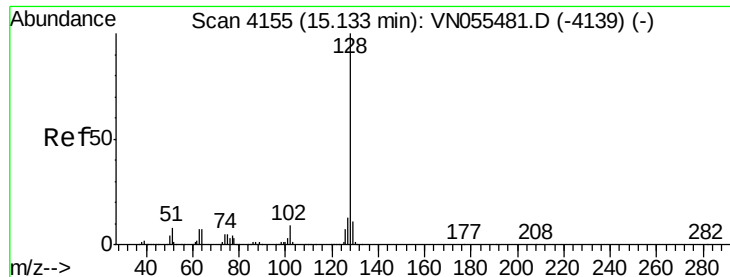
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN055541.D
Acq: 10 May 2019 10:41

Tgt Ion:152 Resp: 358038
Ion Ratio Lower Upper
152 100
115 58.2 30.1 90.5
150 158.1 0.0 355.0



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: 3.563 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN055541.D

Acq: 10 May 2019 10:41

Instrument :

MSVOA_N

ClientSampleId :

PB114593TB

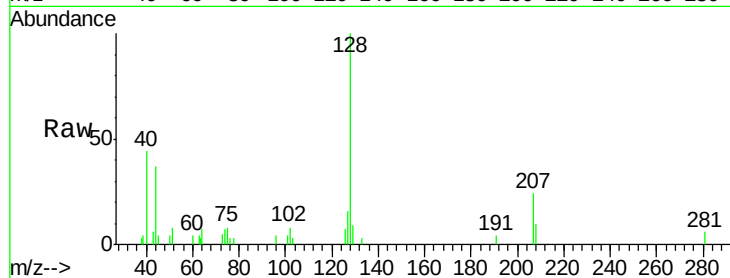
Tot Ion:128 Resp: 9934

Ion Ratio Lower Upper

128 100

127 12.6 10.0 15.0

129 10.5 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

