

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031419\
 Data File : VN054283.D
 Acq On : 15 Mar 2019 1:48
 Operator : JC/SP
 Sample : PB117848TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117848TB

Quant Time: Mar 15 08:24:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

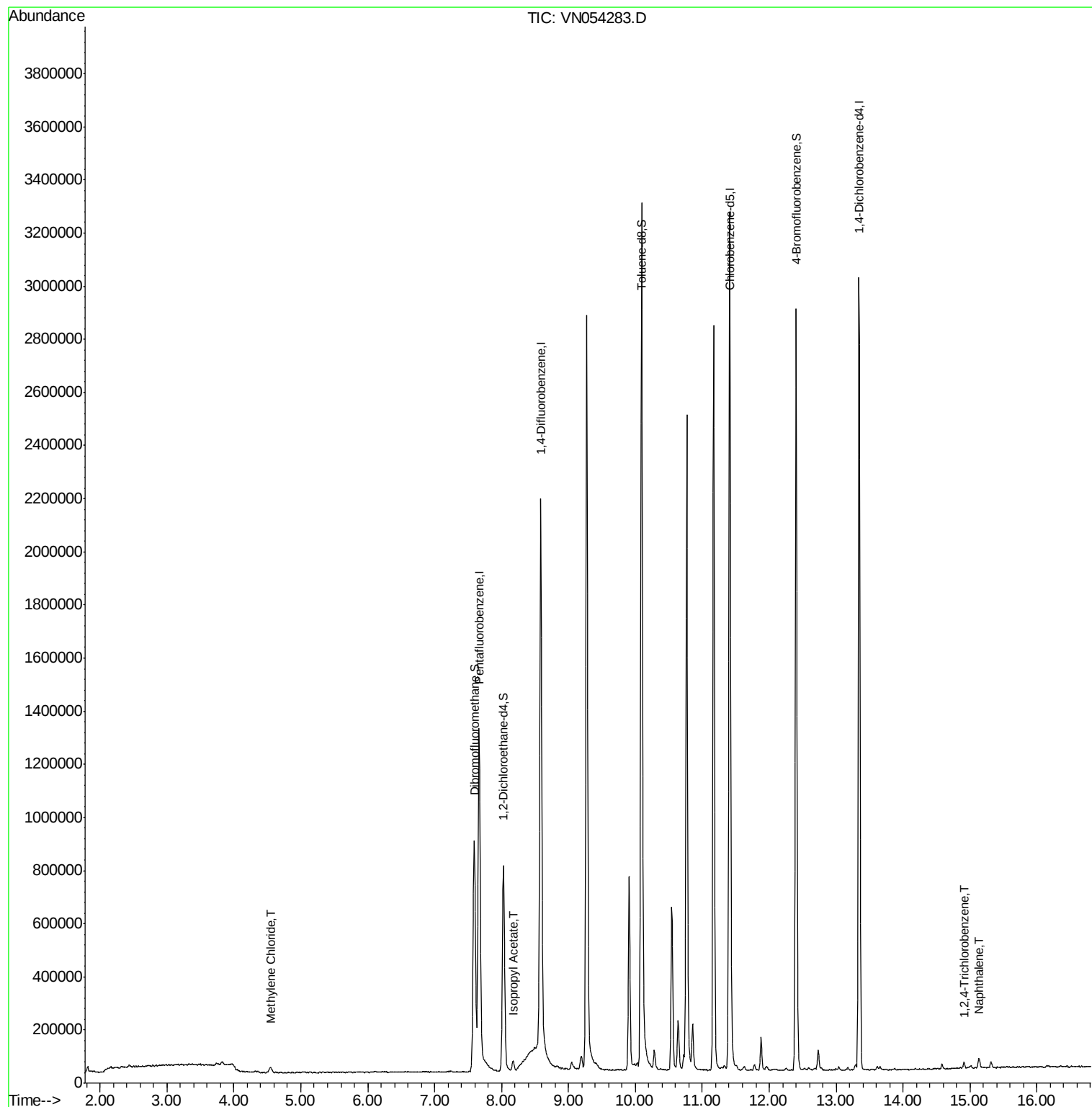
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1275521	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2140047	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2205059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	896126	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	685408	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
35) Dibromofluoromethane	7.59	113	661378	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.84%	
50) Toluene-d8	10.09	98	2654381	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
62) 4-Bromofluorobenzene	12.40	95	975368	54.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.38%	
Target Compounds						
20) Methylene Chloride	4.54	84	14798	1.162	ug/l	90
43) Isopropyl Acetate	8.17	43	48003	2.415	ug/l	99
93) 1,2,4-Trichlorobenzene	14.91	180	7776	2.908	ug/l	100
95) Naphthalene	15.13	128	34597	4.289	ug/l	97

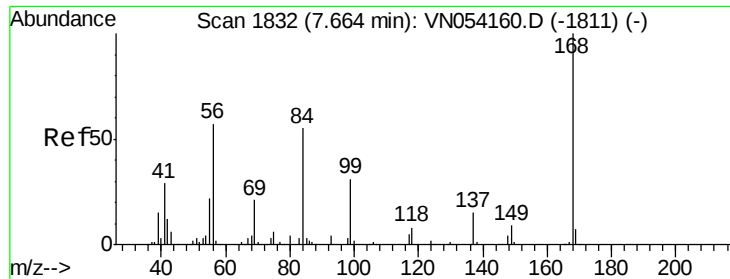
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN031419\
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Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
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: VN054283.D

Acq: 15 Mar 2019 1:48

Instrument :

MSVOA_N

ClientSampled :

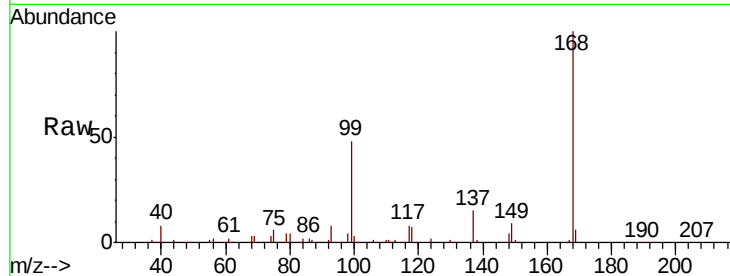
PB117848TB

Tgt Ion:168 Resp: 1275521

Ion Ratio Lower Upper

168 100

99 47.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

500000

400000

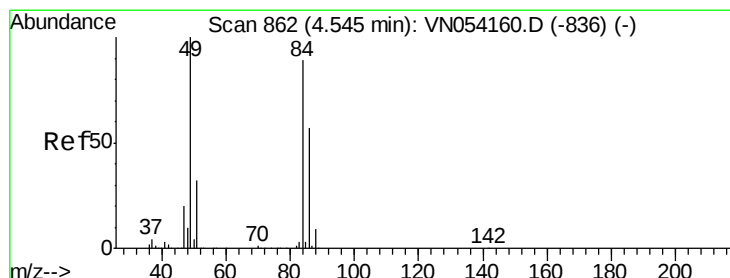
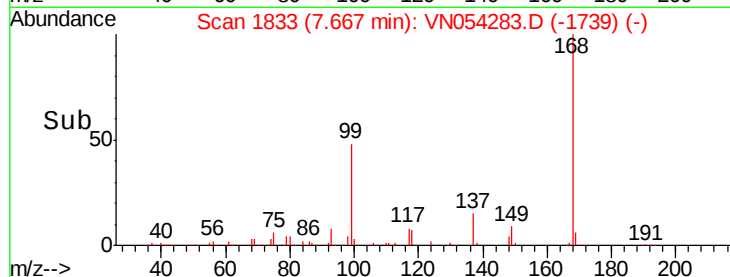
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 1.162 ug/l

RT: 4.54 min Scan# 861

Delta R.T. -0.00 min

Lab File: VN054283.D

Acq: 15 Mar 2019 1:48

Tgt Ion: 84 Resp: 14798

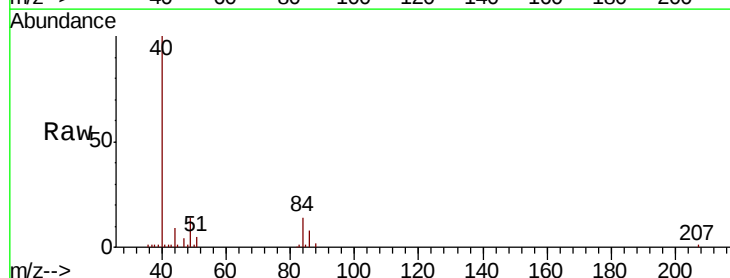
Ion Ratio Lower Upper

84 100

49 99.3 89.7 134.5

51 31.8 28.2 42.4

86 56.5 50.8 76.2



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

8000

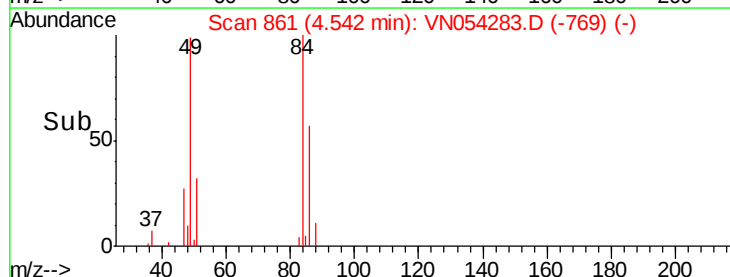
6000

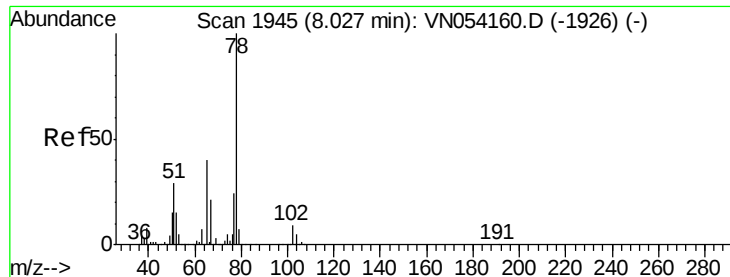
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.598 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054283.D

Acq: 15 Mar 2019 1:48

Instrument :

MSVOA_N

ClientSampleId :

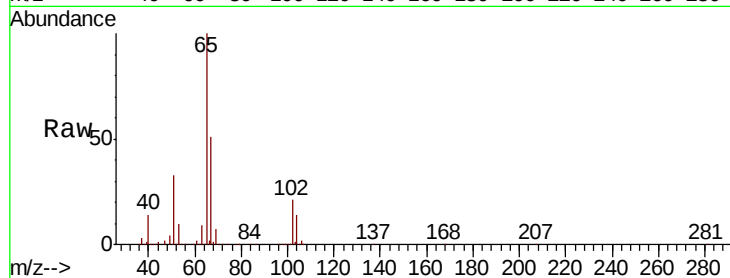
PB117848TB

Tgt Ion: 65 Resp: 685408

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

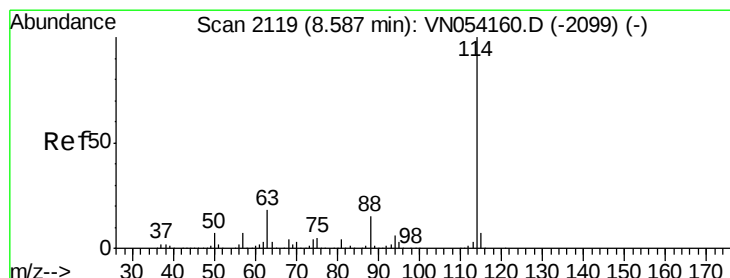
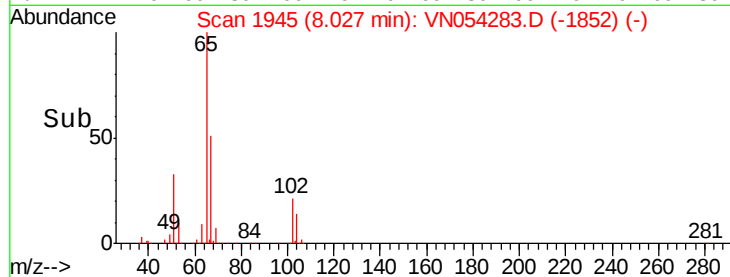
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054283.D

Acq: 15 Mar 2019 1:48

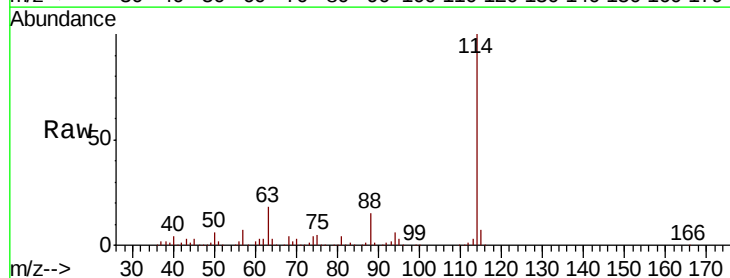
Tgt Ion: 114 Resp: 2140047

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.2

88 14.6 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

1200000

1000000

800000

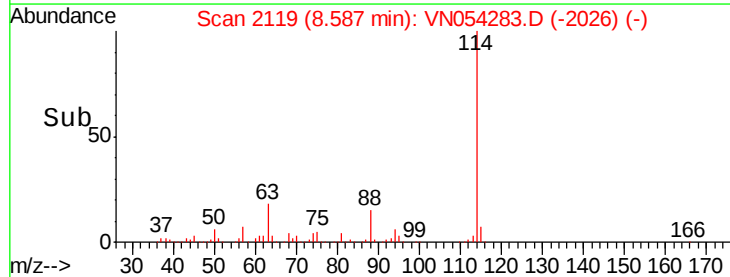
600000

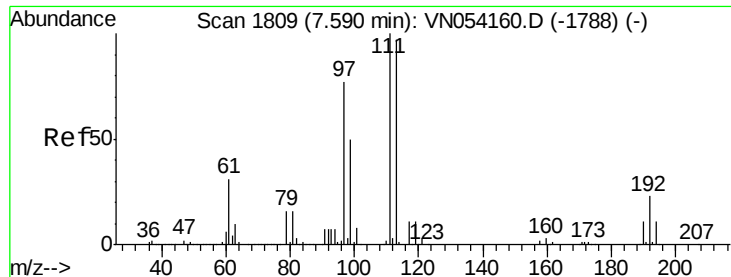
400000

200000

0

Time-->

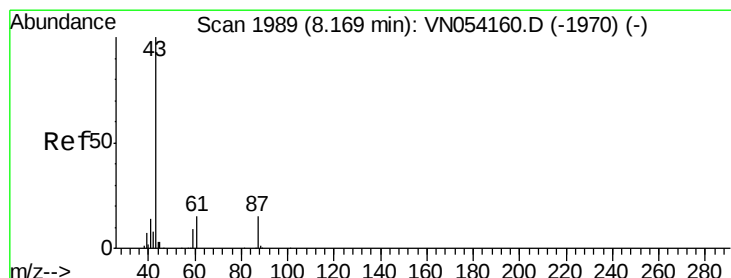
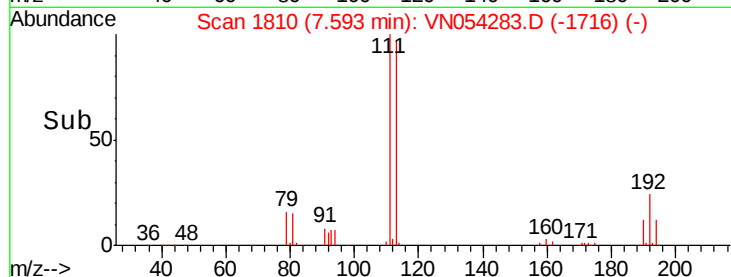
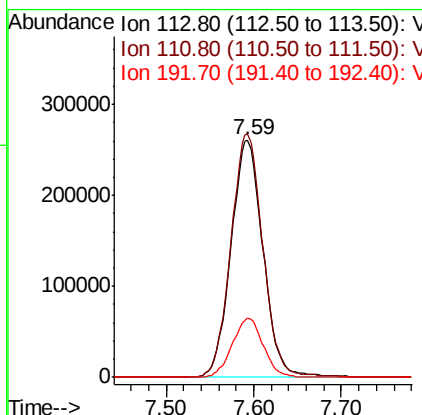
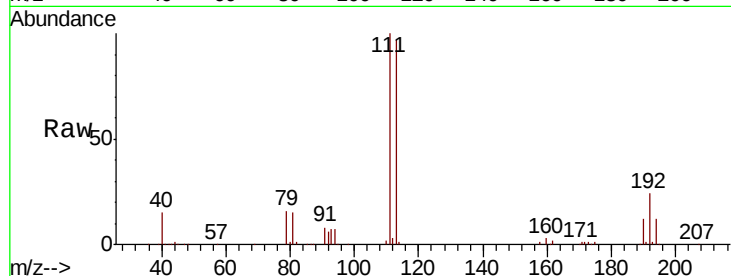




#35
Dibromofluoromethane
Concen: 47.918 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054283.D
Acq: 15 Mar 2019 1:48

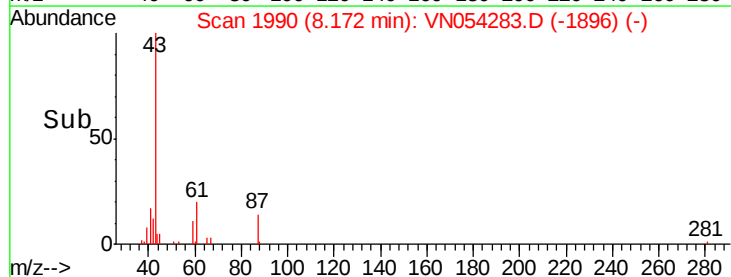
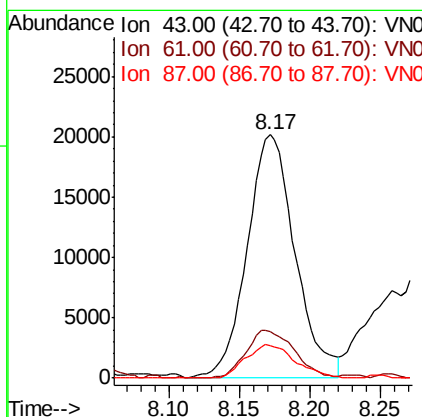
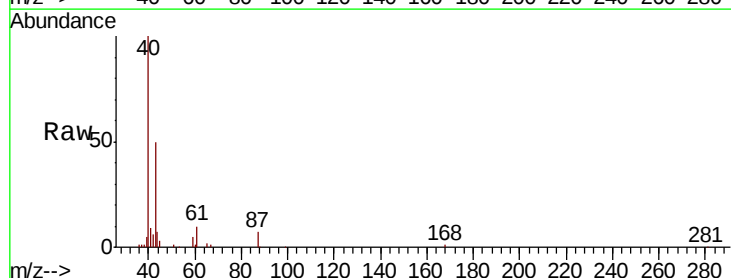
Instrument :
MSVOA_N
ClientSampled :
PB117848TB

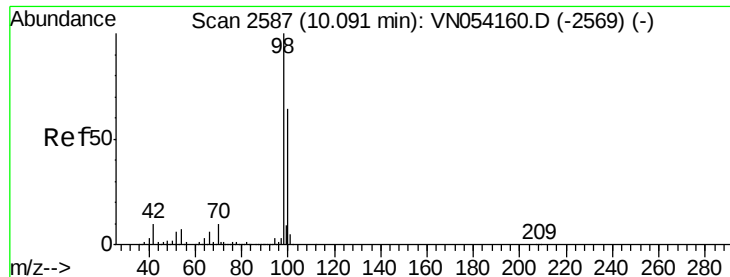
Tgt Ion:113 Resp: 661378
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 24.2 19.2 28.8



#43
Isopropyl Acetate
Concen: 2.415 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN054283.D
Acq: 15 Mar 2019 1:48

Tgt Ion: 43 Resp: 48003
Ion Ratio Lower Upper
43 100
61 19.6 15.8 23.8
87 14.1 12.0 18.0





#50

Toluene-d8

Concen: 52.073 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054283.D

Acq: 15 Mar 2019 1:48

Instrument :

MSVOA_N

ClientSampled :

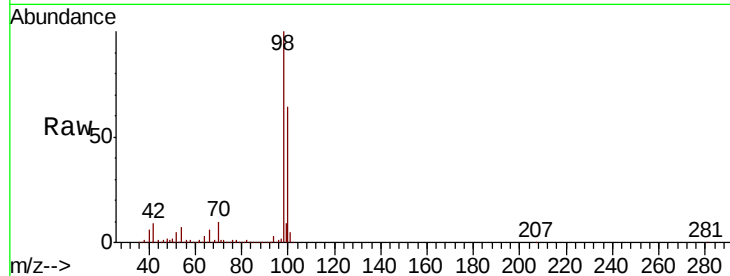
PB117848TB

Tgt Ion: 98 Resp: 2654381

Ion Ratio Lower Upper

98 100

100 63.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054160.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN054160.D (-2569) (-)

10.09

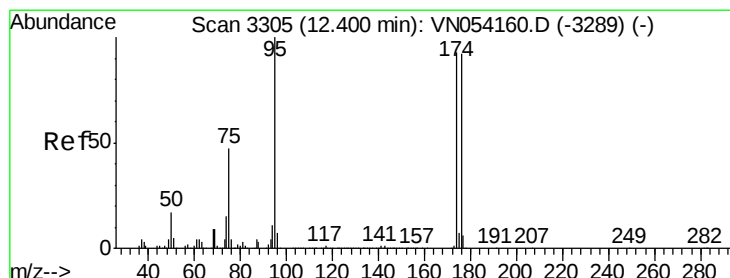
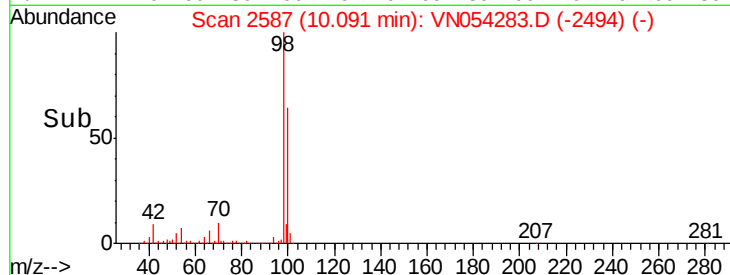
1500000

1000000

500000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 54.685 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054283.D

Acq: 15 Mar 2019 1:48

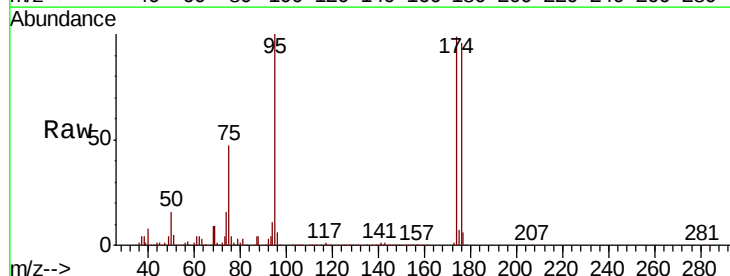
Tgt Ion: 95 Resp: 975368

Ion Ratio Lower Upper

95 100

174 98.1 0.0 191.0

176 96.3 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054160.D (-3289) (-)

Ion 173.80 (173.50 to 174.50): VN054160.D (-3289) (-)

Ion 175.80 (175.50 to 176.50): VN054160.D (-3289) (-)

12.40

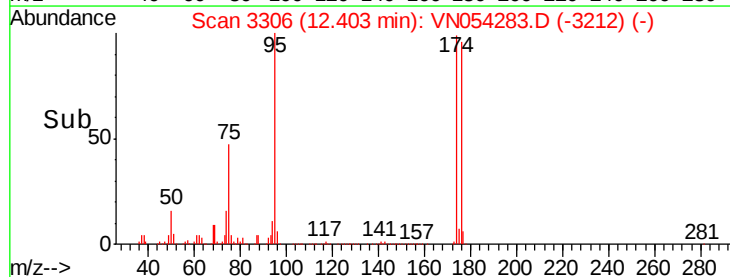
600000

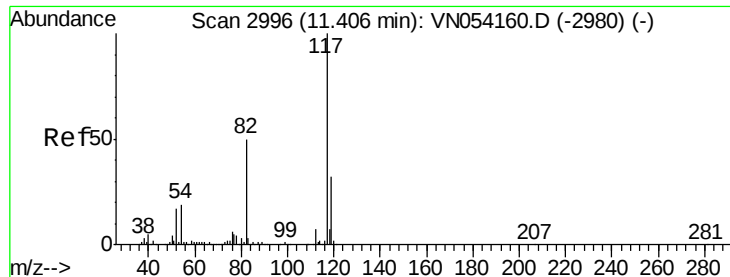
400000

200000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054283.D

Acq: 15 Mar 2019 1:48

Instrument :

MSVOA_N

ClientSampleId :

PB117848TB

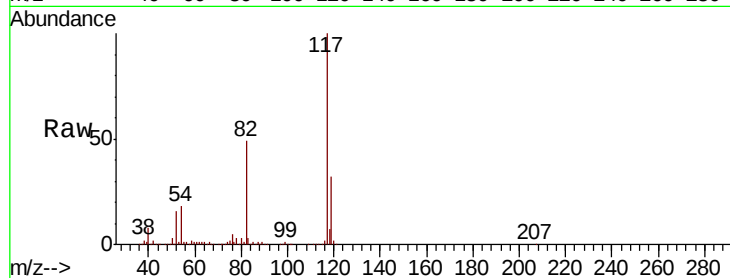
Tgt Ion:117 Resp: 2205059

Ion Ratio Lower Upper

117 100

82 49.4 40.0 60.0

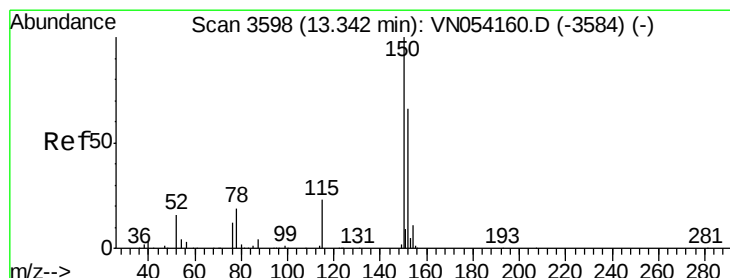
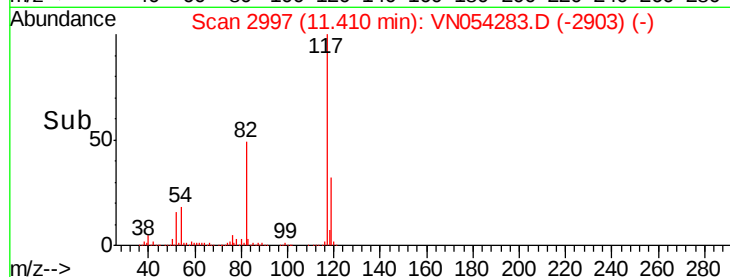
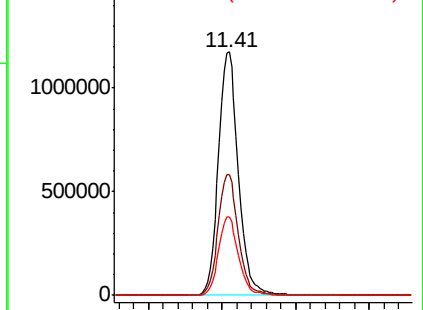
119 32.2 25.8 38.6



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: VN054283.D

Acq: 15 Mar 2019 1:48

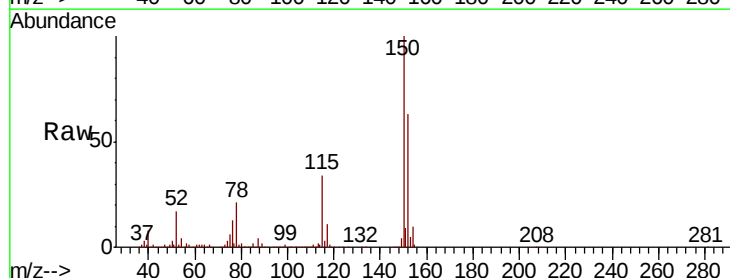
Tgt Ion:152 Resp: 896126

Ion Ratio Lower Upper

152 100

115 54.0 27.2 81.6

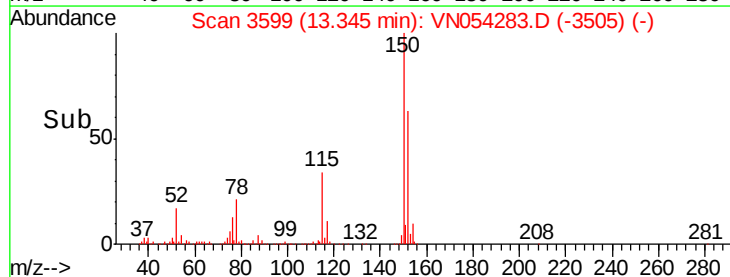
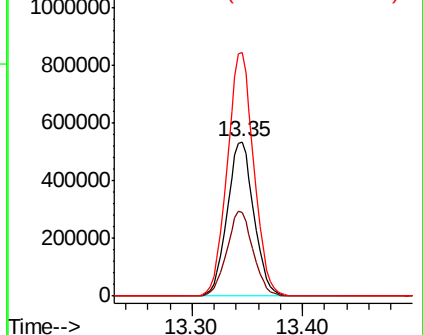
150 156.8 0.0 349.2

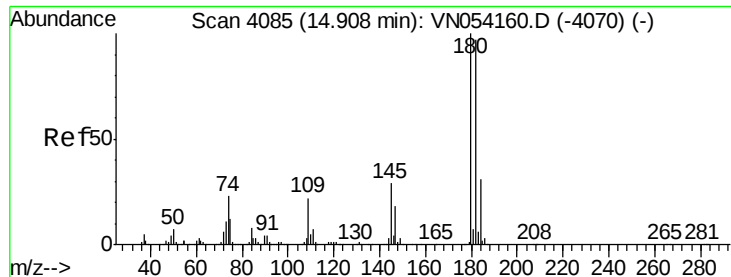


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

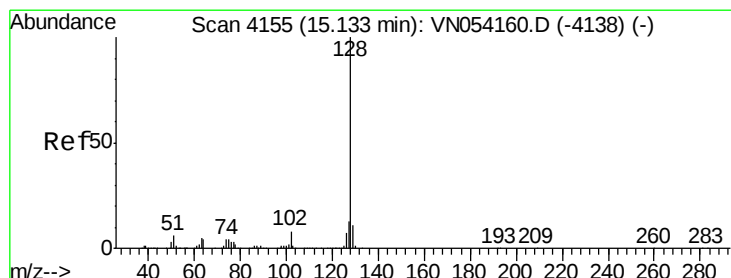
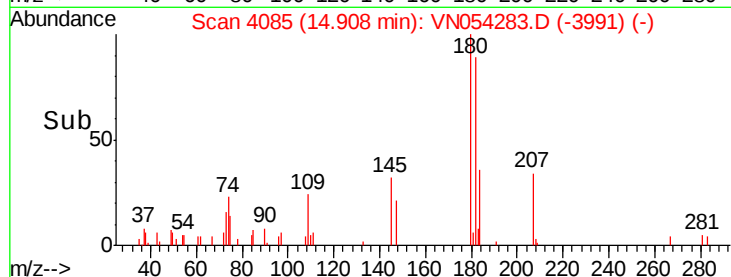
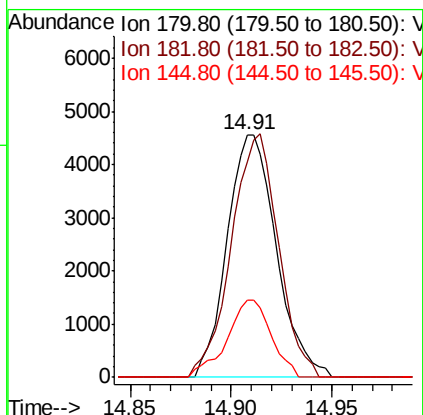
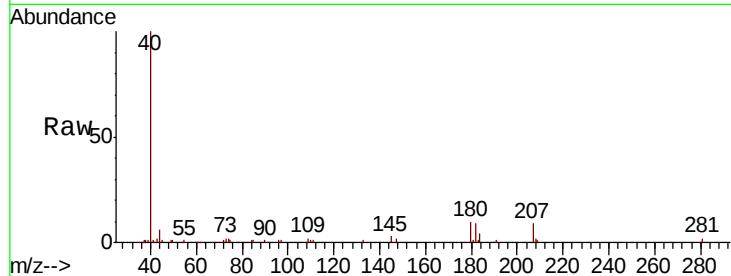




#93
 1,2,4-Trichlorobenzene
 Concen: 2.908 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN054283.D
 Acq: 15 Mar 2019 1:48

Instrument :
 MSVOA_N
 ClientSampled :
 PB117848TB

Tgt Ion:180 Resp: 7776
 Ion Ratio Lower Upper
 180 100
 182 95.9 48.0 144.2
 145 28.5 14.2 42.8



#95
 Naphthalene
 Concen: 4.289 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN054283.D
 Acq: 15 Mar 2019 1:48

Tgt Ion:128 Resp: 34597
 Ion Ratio Lower Upper
 128 100
 127 14.3 10.1 15.1
 129 10.1 8.7 13.1

