

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031419\
 Data File : VN054284.D
 Acq On : 15 Mar 2019 2:16
 Operator : JC/SP
 Sample : PB117849TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117849TB

Quant Time: Mar 15 08:24:54 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

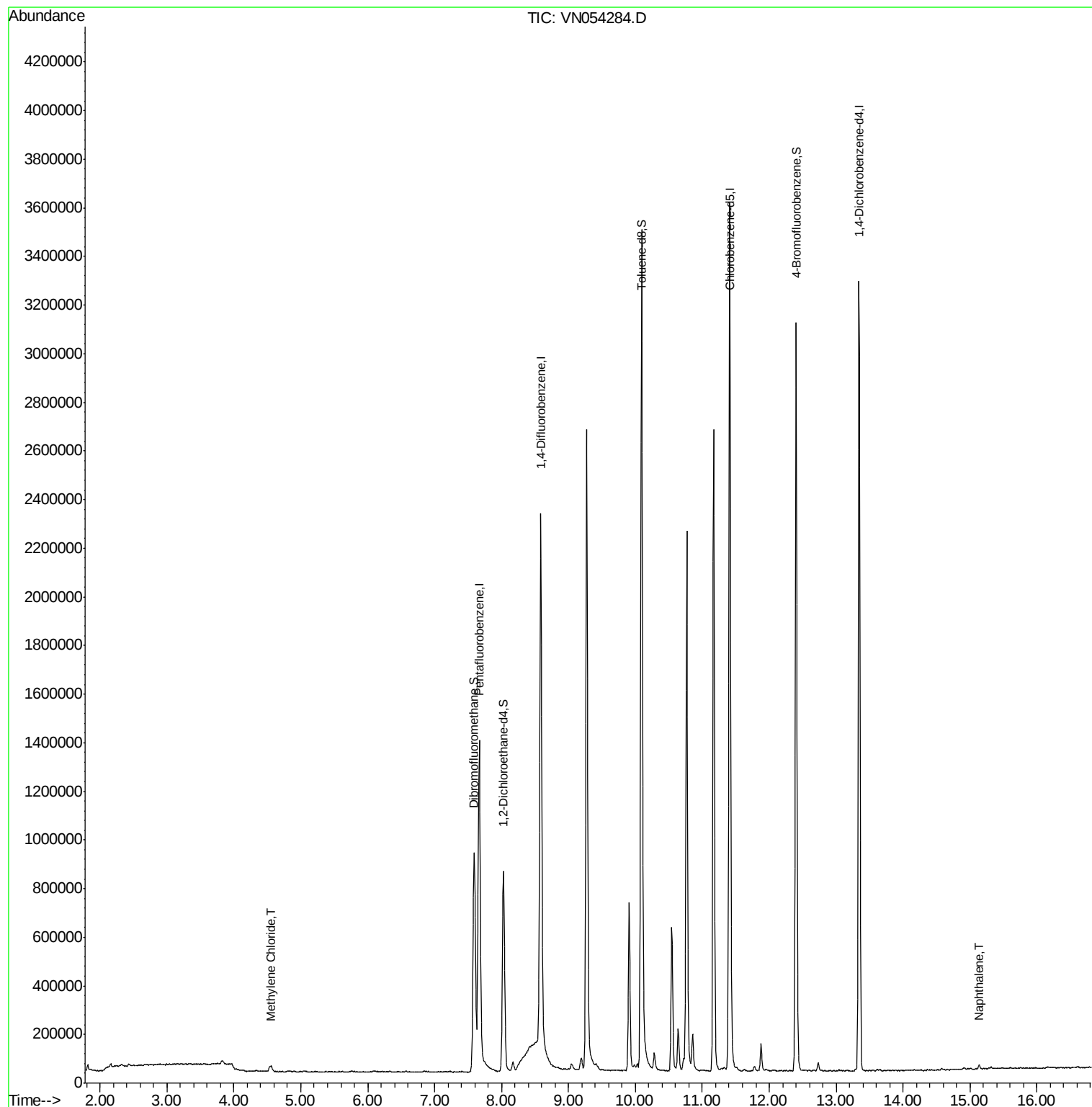
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1352326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2250600	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2361744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	982599	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	717384	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
35) Dibromofluoromethane	7.59	113	694923	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
50) Toluene-d8	10.09	98	2814298	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.00%	
62) 4-Bromofluorobenzene	12.40	95	1054053	56.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.38%	
Target Compounds						
20) Methylene Chloride	4.55	84	19860	1.471	ug/l #	88
95) Naphthalene	15.14	128	15265	3.799	ug/l	99

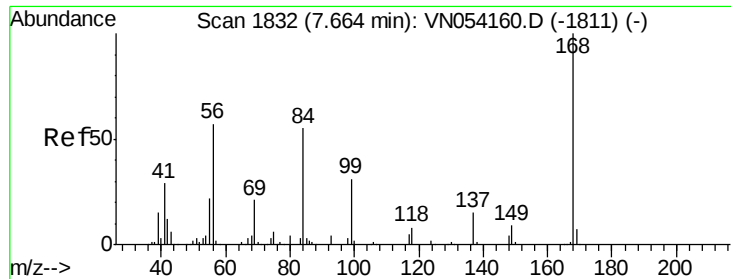
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054284.D

Acq: 15 Mar 2019 2:16

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MSVOA_N

ClientSampleId :

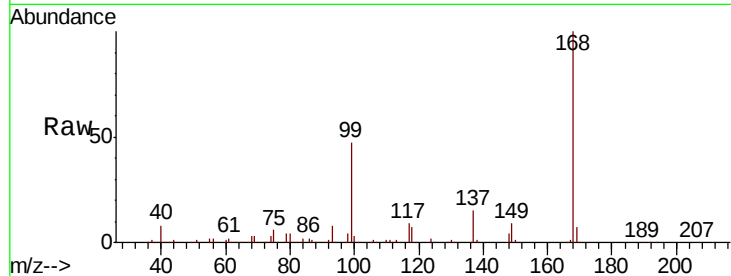
PB117849TB

Tgt Ion:168 Resp: 1352326

Ion Ratio Lower Upper

168 100

99 47.5 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

600000

500000

400000

300000

200000

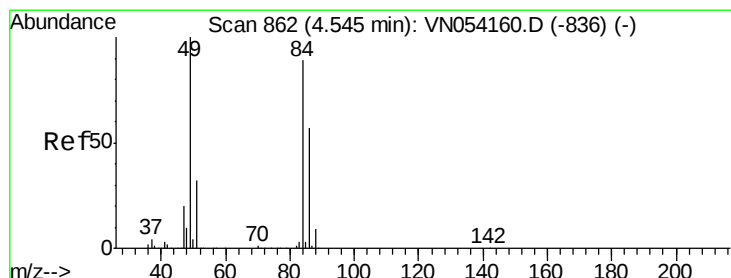
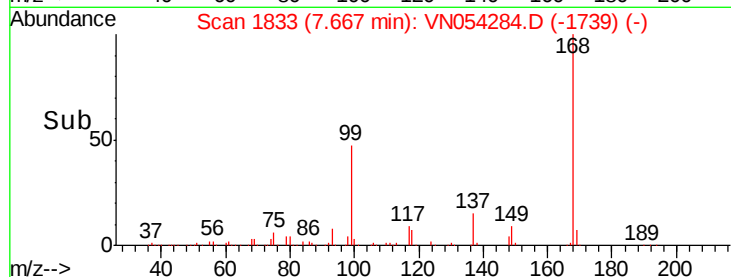
100000

0

7.67

7.50 7.60 7.70 7.80 7.90

Time-->



#20

Methylene Chloride

Concen: 1.471 ug/l

RT: 4.55 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN054284.D

Acq: 15 Mar 2019 2:16

Tgt Ion: 84 Resp: 19860

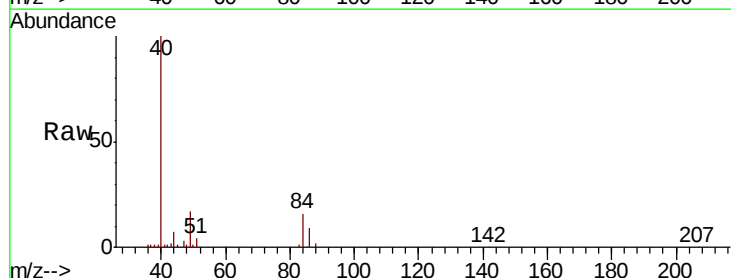
Ion Ratio Lower Upper

84 100

49 101.5 89.7 134.5

51 27.2 28.2 42.4#

86 52.1 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

10000

8000

6000

4000

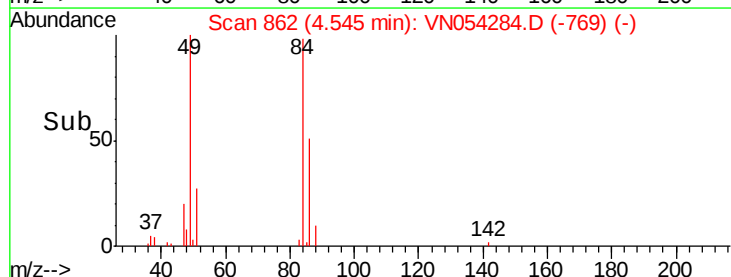
2000

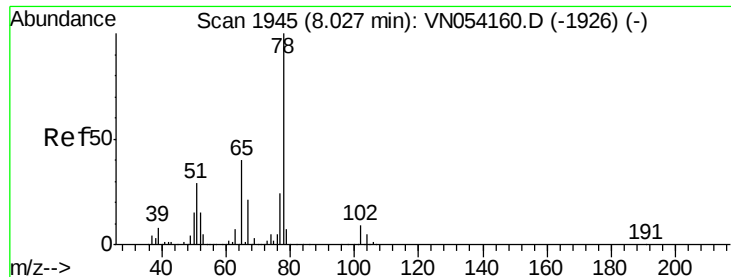
0

4.55

4.45 4.50 4.55 4.60 4.65

Time-->

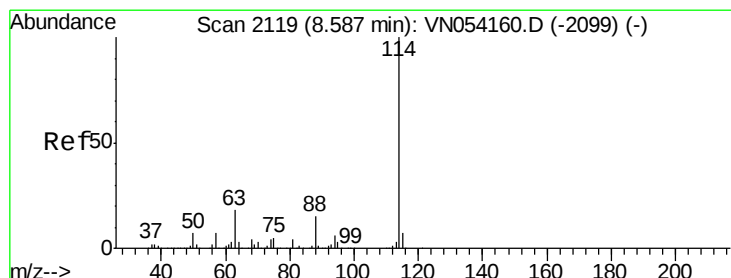
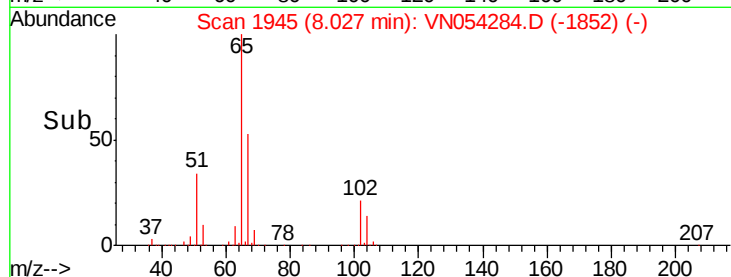
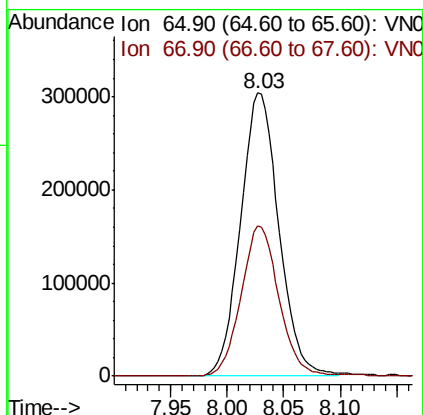
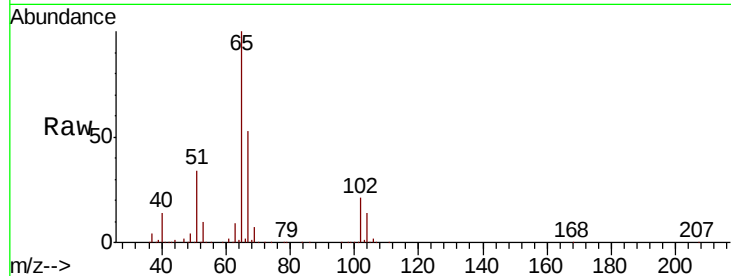




#33
 1,2-Dichloroethane-d4
 Concen: 49.951 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054284.D
 Acq: 15 Mar 2019 2:16

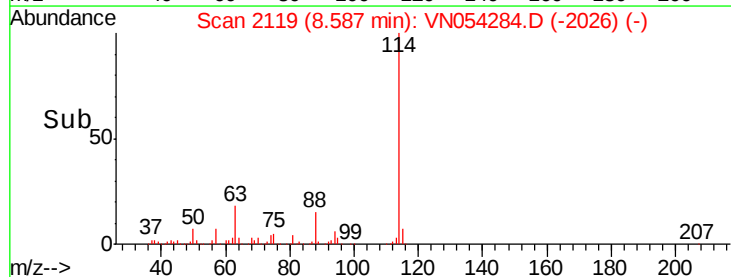
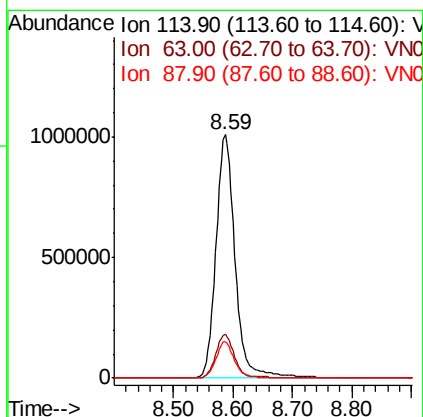
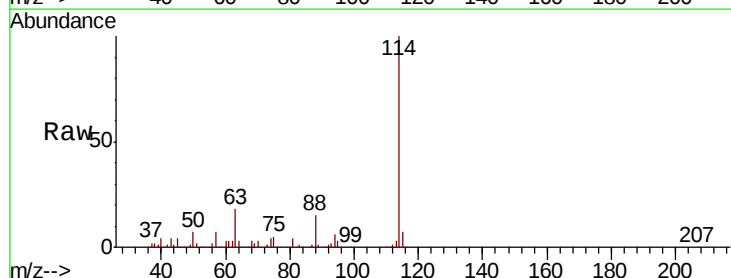
Instrument :
 MSVOA_N
 ClientSampleId :
 PB117849TB

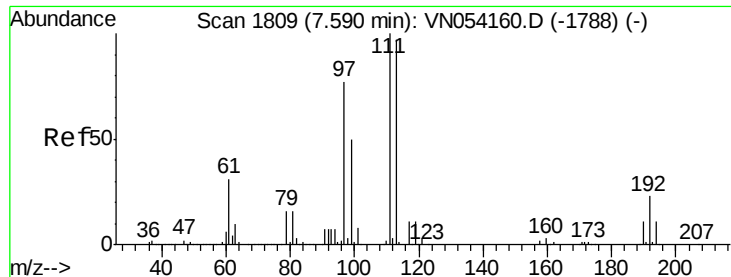
Tgt Ion: 65 Resp: 717384
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054284.D
 Acq: 15 Mar 2019 2:16

Tgt Ion: 114 Resp: 2250600
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 35.2
 88 15.0 0.0 30.2

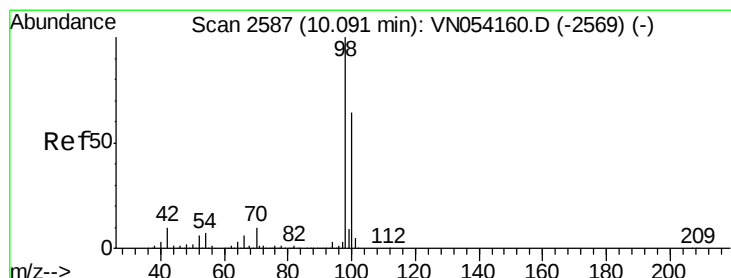
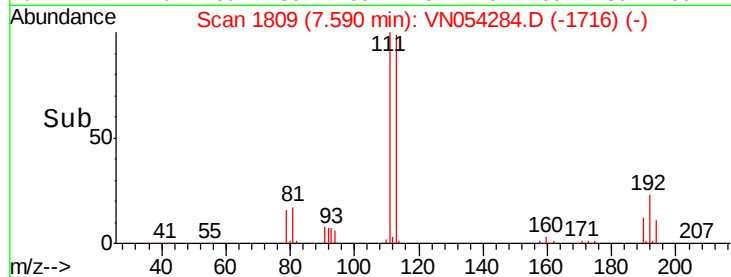
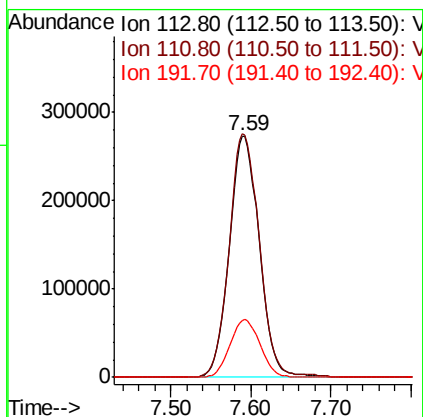
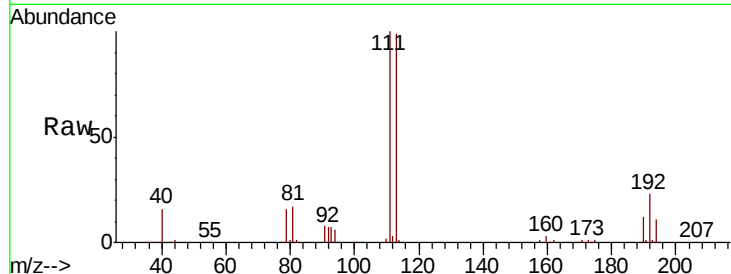




#35
 Dibromofluoromethane
 Concen: 47.875 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054284.D
 Acq: 15 Mar 2019 2:16

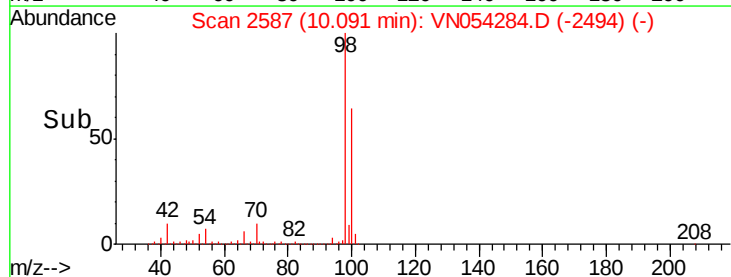
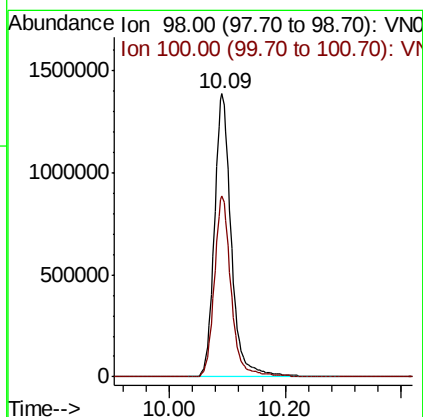
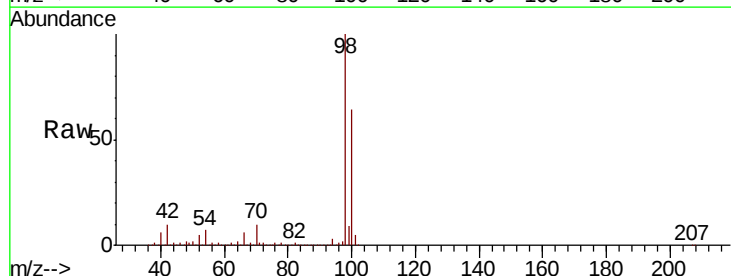
Instrument :
 MSVOA_N
 ClientSampleId :
 PB117849TB

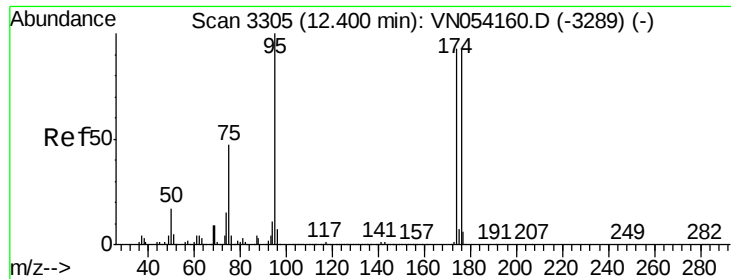
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.2	123.4
192	24.1	19.2	28.8



#50
 Toluene-d8
 Concen: 52.498 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN054284.D
 Acq: 15 Mar 2019 2:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.2	76.8

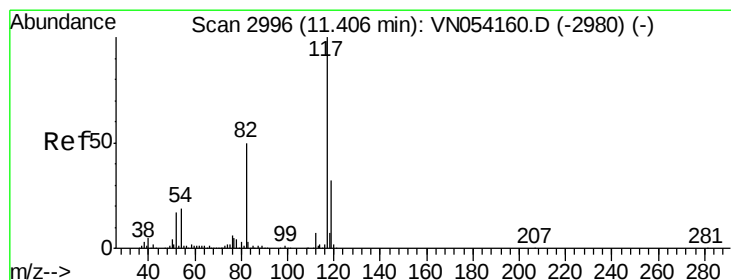
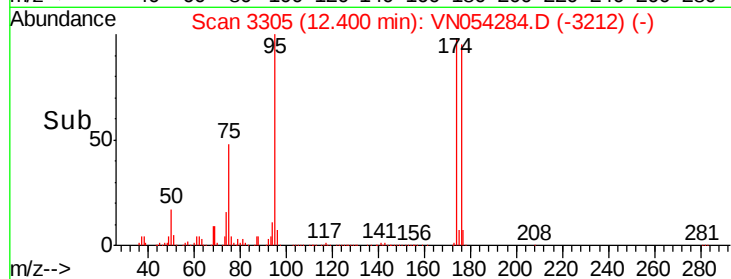
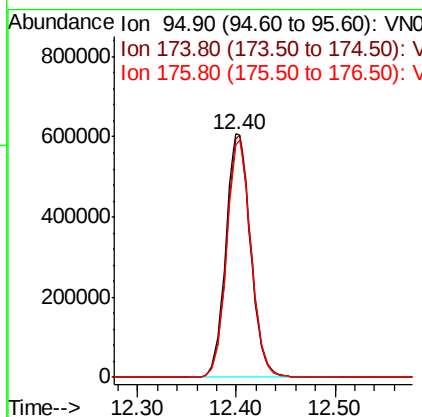
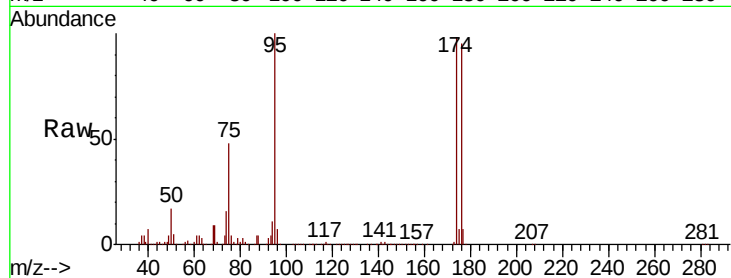




#62
4-Bromofluorobenzene
Concen: 56.194 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054284.D
Acq: 15 Mar 2019 2:16

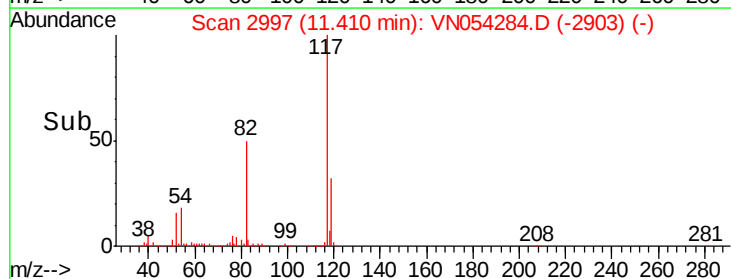
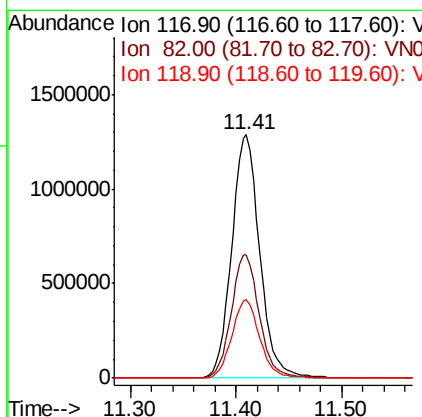
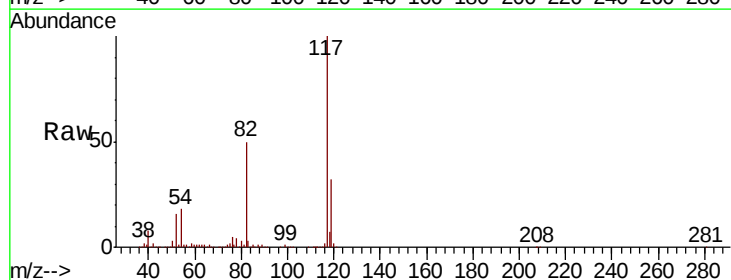
Instrument :
MSVOA_N
ClientSampleId :
PB117849TB

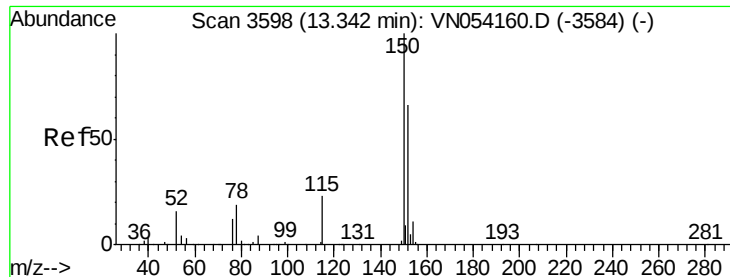
Tgt Ion: 95 Resp: 1054053
Ion Ratio Lower Upper
95 100
174 98.3 0.0 191.0
176 95.9 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054284.D
Acq: 15 Mar 2019 2:16

Tgt Ion: 117 Resp: 2361744
Ion Ratio Lower Upper
117 100
82 50.4 40.0 60.0
119 32.1 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054284.D

Acq: 15 Mar 2019 2:16

Instrument :

MSVOA_N

ClientSampleId :

PB117849TB

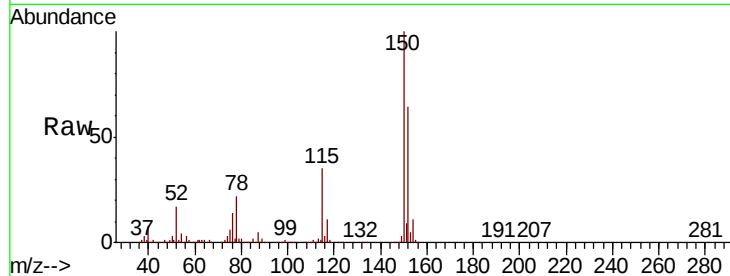
Tgt Ion:152 Resp: 982599

Ion Ratio Lower Upper

152 100

115 54.2 27.2 81.6

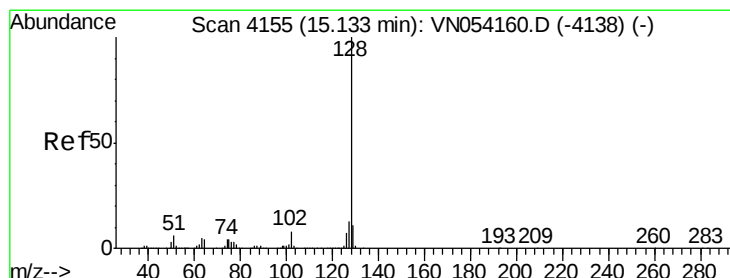
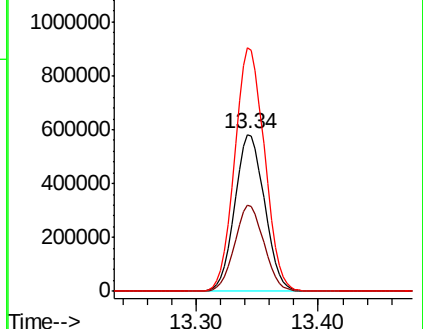
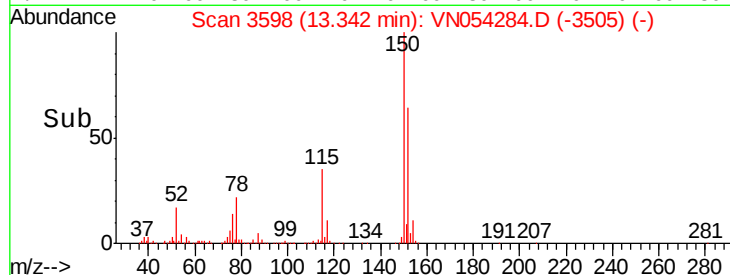
150 155.9 0.0 349.2



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



#95

Naphthalene

Concen: 3.799 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN054284.D

Acq: 15 Mar 2019 2:16

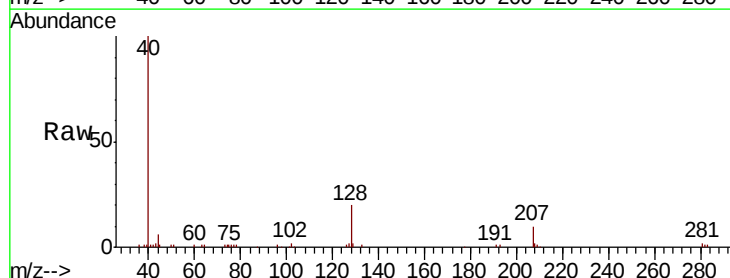
Tgt Ion:128 Resp: 15265

Ion Ratio Lower Upper

128 100

127 12.4 10.1 15.1

129 10.4 8.7 13.1



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

