

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031319\
 Data File : VN054231.D
 Acq On : 14 Mar 2019 00:27
 Operator : JC/SP
 Sample : PB117844TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117844TB

Quant Time: Mar 14 08:26:01 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

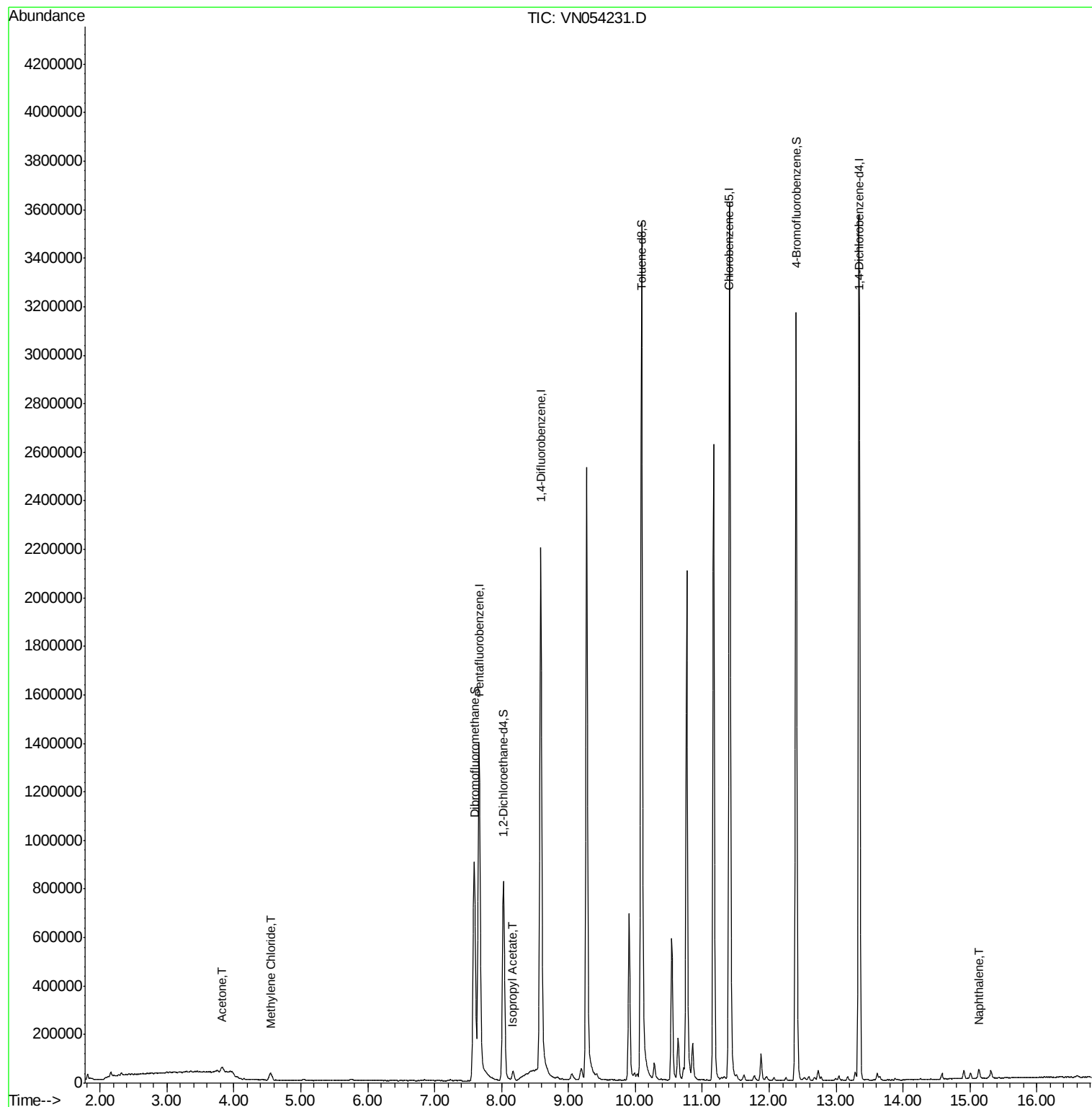
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1366364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2253249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2400327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1055654	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	738316	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
35) Dibromofluoromethane	7.59	113	696133	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	
50) Toluene-d8	10.09	98	2818397	52.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.02%	
62) 4-Bromofluorobenzene	12.40	95	1080755	57.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.10%	
Target Compounds						
16) Acetone	3.82	43	33398	8.038	ug/l	97
20) Methylene Chloride	4.55	84	23347	1.711	ug/l	95
43) Isopropyl Acetate	8.17	43	45030	2.152	ug/l	98
95) Naphthalene	15.13	128	35241	4.178	ug/l	98

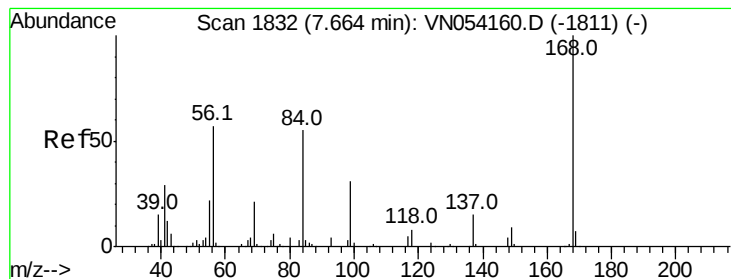
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN054231.D

Acq: 14 Mar 2019 00:27

Instrument :

MSVOA_N

ClientSampleId :

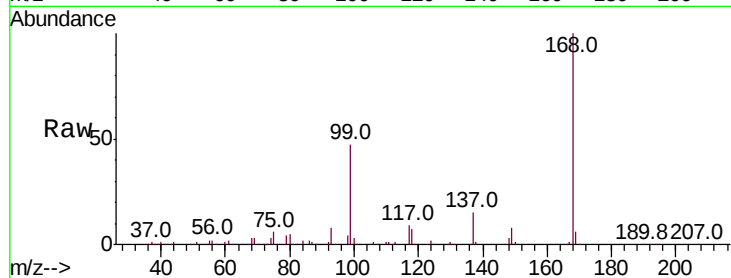
PB117844TB

Tot Ion:168 Resp: 1366364

Ion Ratio Lower Upper

168 100

99 47.3 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

600000

500000

400000

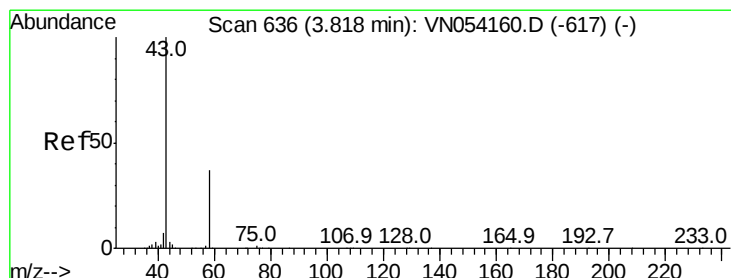
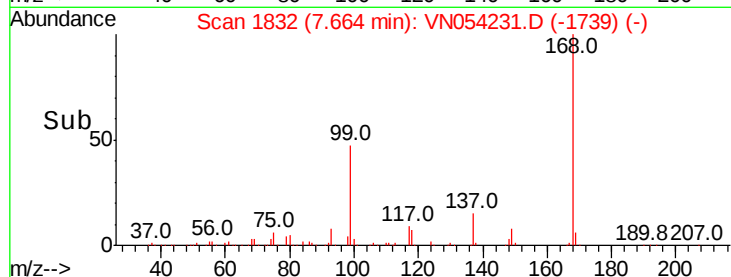
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 8.038 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054231.D

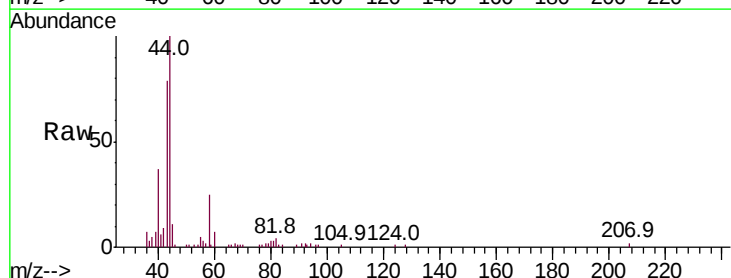
Acq: 14 Mar 2019 00:27

Tgt Ion: 43 Resp: 33398

Ion Ratio Lower Upper

43 100

58 35.4 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

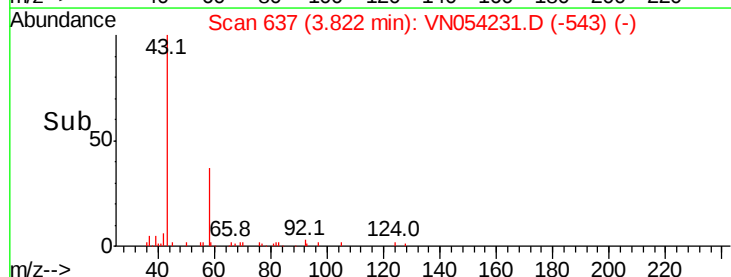
15000

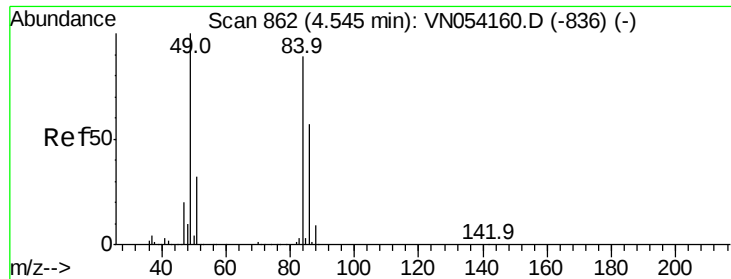
10000

5000

0

Time--> 3.75 3.80 3.85 3.90

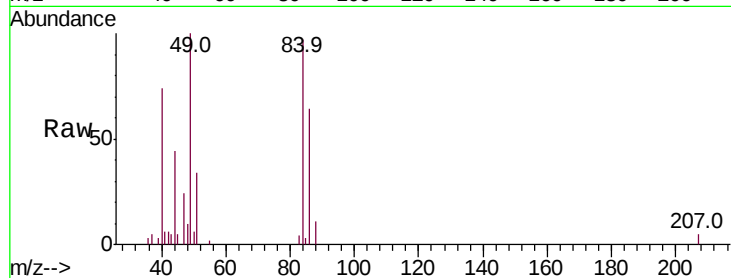




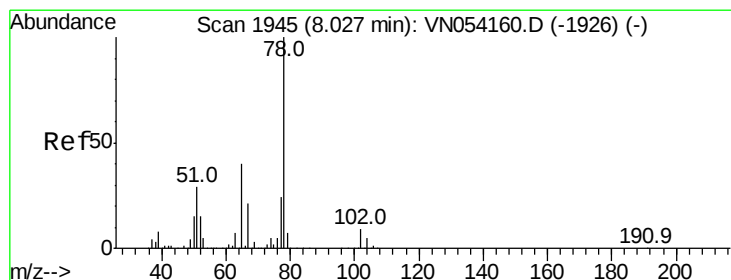
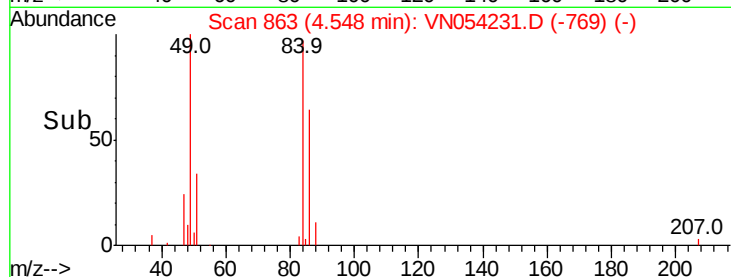
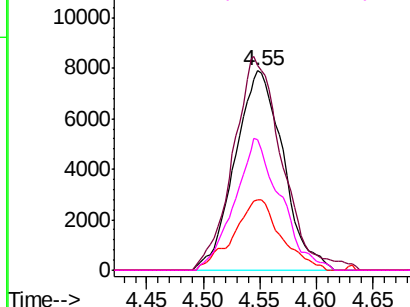
#20
Methvlene Chloride
Concen: 1.711 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054231.D
Acq: 14 Mar 2019 00:27

Instrument :
MSVOA_N
ClientSampleId :
PB117844TB

Tot Ion: 84 Resp: 23347
Ion Ratio Lower Upper
84 100
49 103.2 89.7 134.5
51 35.2 28.2 42.4
86 65.8 50.8 76.2

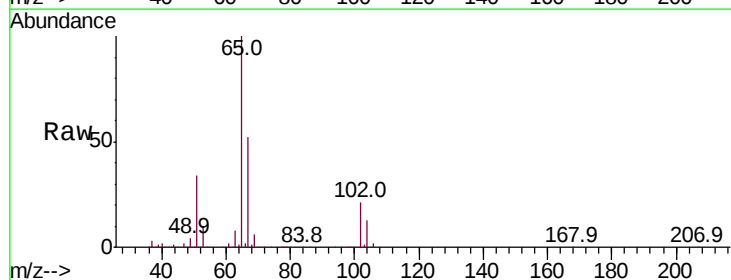


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

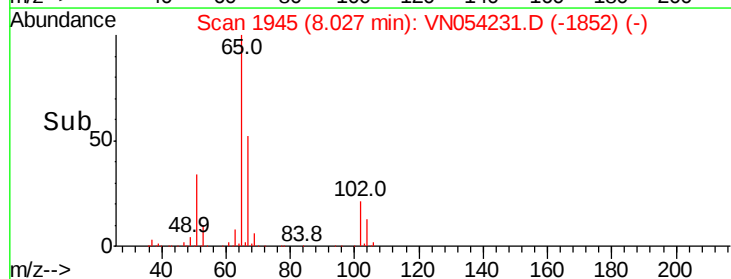
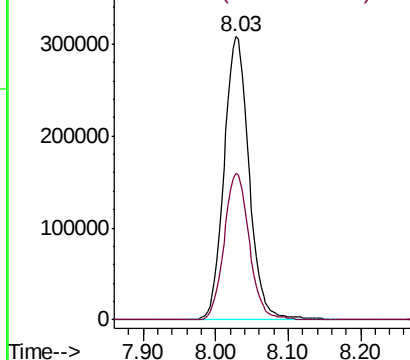


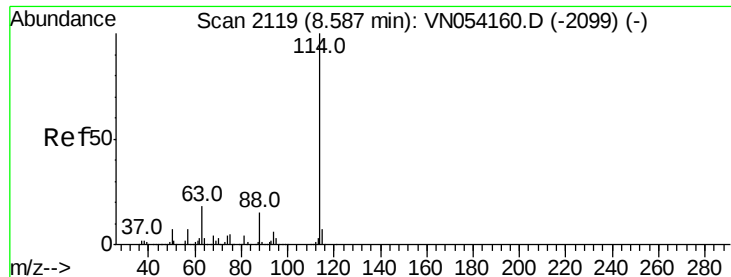
#33
1,2-Dichloroethane-d4
Concen: 50.880 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054231.D
Acq: 14 Mar 2019 00:27

Tgt Ion: 65 Resp: 738316
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

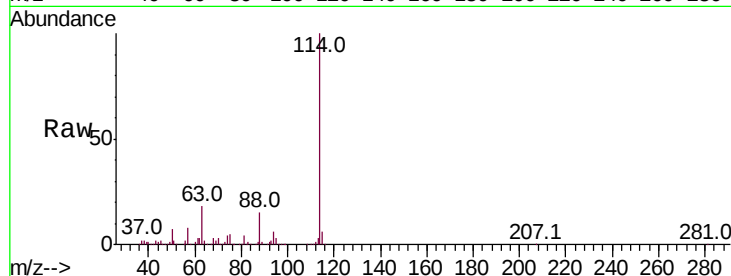




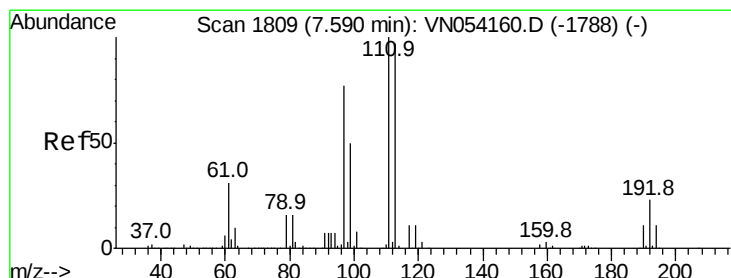
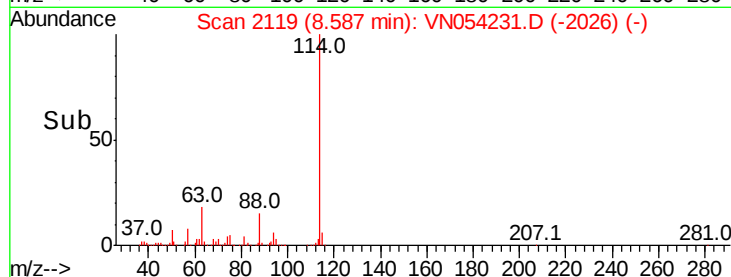
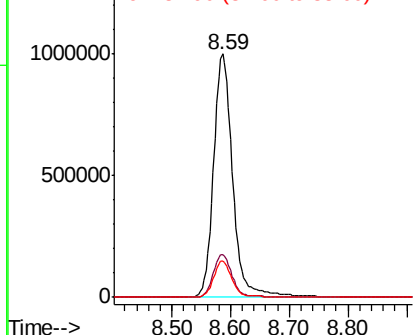
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN054231.D
Acq: 14 Mar 2019 00:27

Instrument :
MSVOA_N
ClientSampleId :
PB117844TB

Tot Ion:114 Resp: 2253249
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.2
88 14.8 0.0 30.2

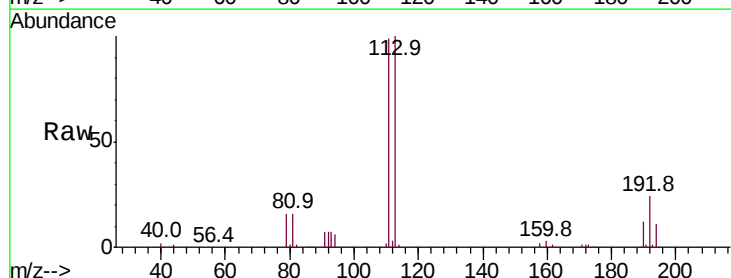


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

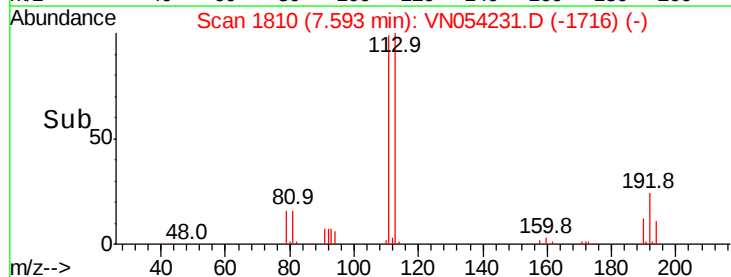
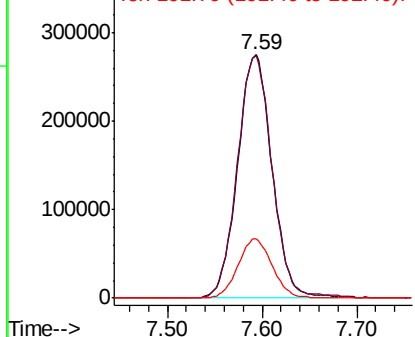


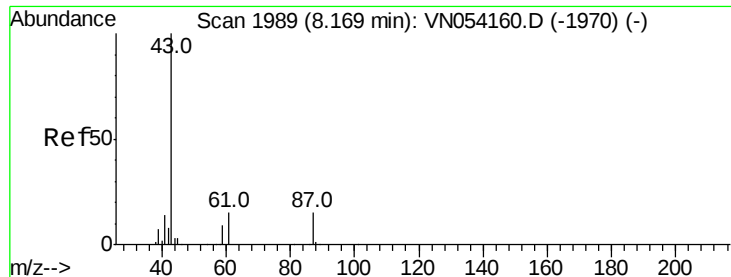
#35
Dibromofluoromethane
Concen: 47.902 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054231.D
Acq: 14 Mar 2019 00:27

Tgt Ion:113 Resp: 696133
Ion Ratio Lower Upper
113 100
111 100.8 82.2 123.4
192 24.1 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.152 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054231.D

Acq: 14 Mar 2019 00:27

Instrument :

MSVOA_N

ClientSampleId :

PB117844TB

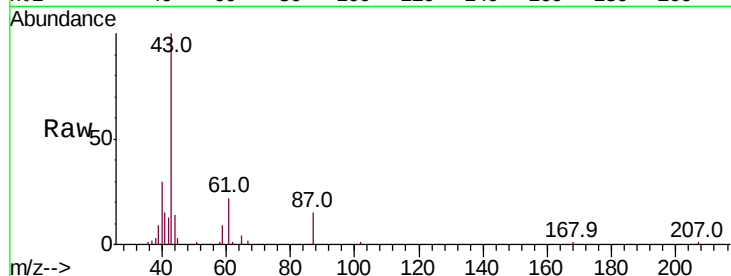
Tot Ion: 43 Resp: 45030

Ion Ratio Lower Upper

43 100

61 20.5 15.8 23.8

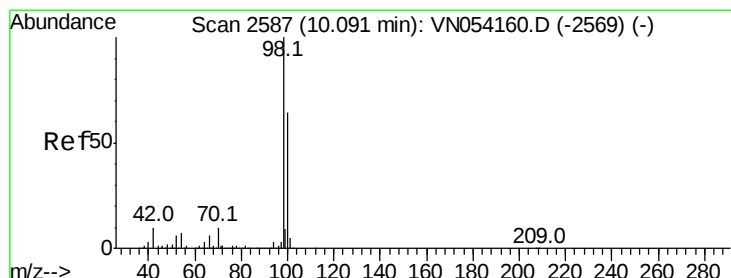
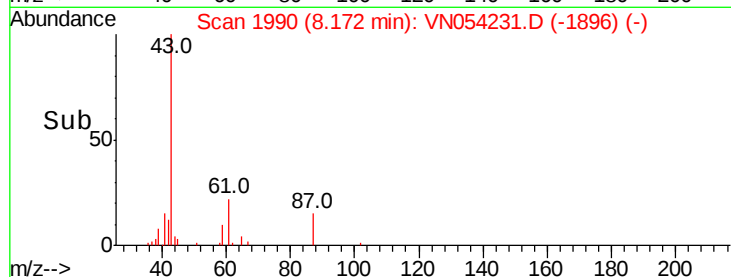
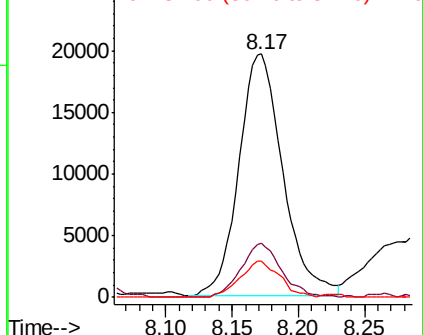
87 13.7 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 52.513 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054231.D

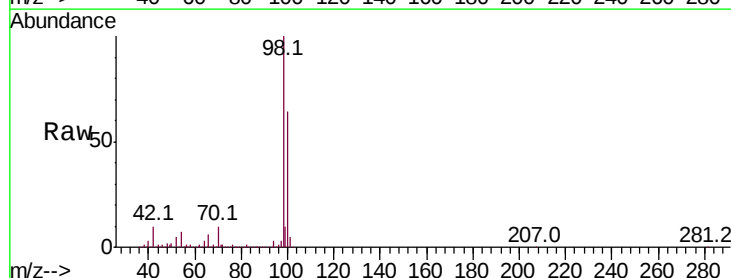
Acq: 14 Mar 2019 00:27

Tgt Ion: 98 Resp: 2818397

Ion Ratio Lower Upper

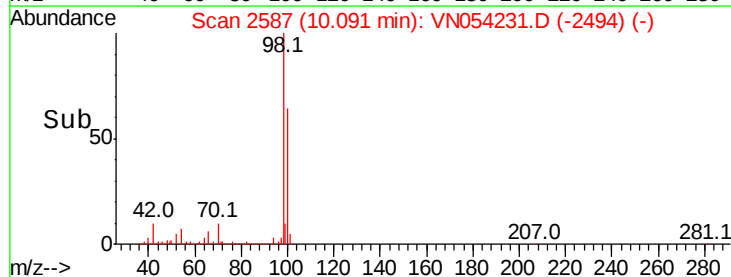
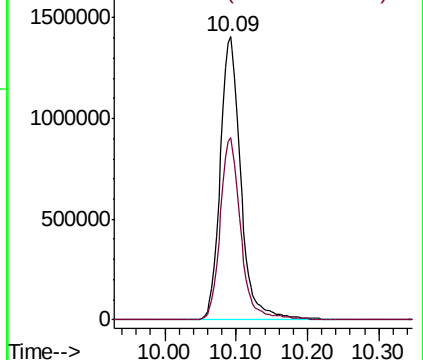
98 100

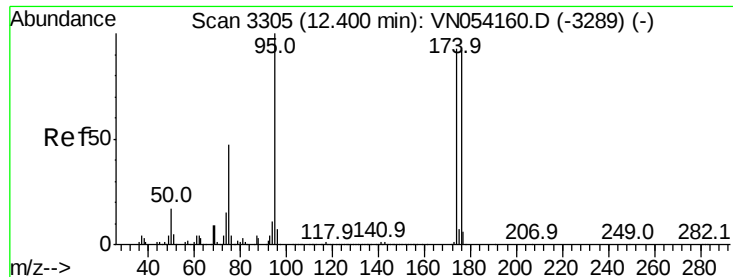
100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 57.550 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054231.D

Acq: 14 Mar 2019 00:27

Instrument :

MSVOA_N

ClientSampleId :

PB117844TB

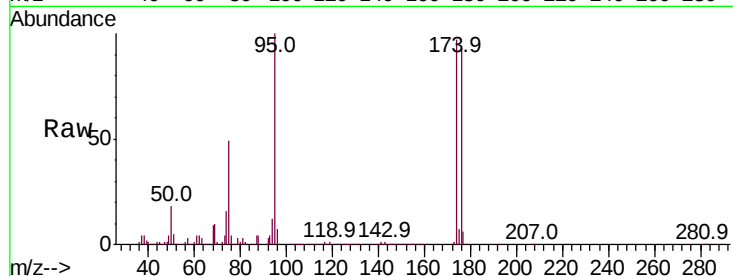
Tot Ion: 95 Resp: 1080755

Ion Ratio Lower Upper

95 100

174 98.8 0.0 191.0

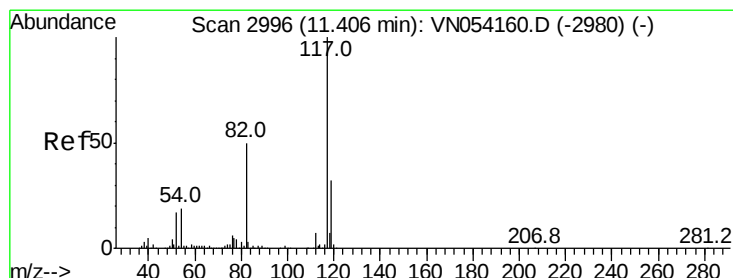
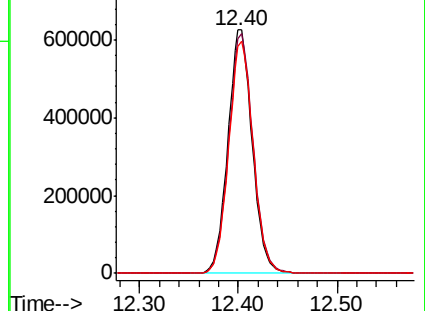
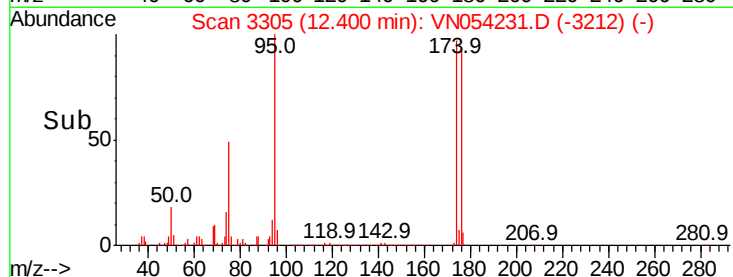
176 95.6 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054231.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN054231.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN054231.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054231.D

Acq: 14 Mar 2019 00:27

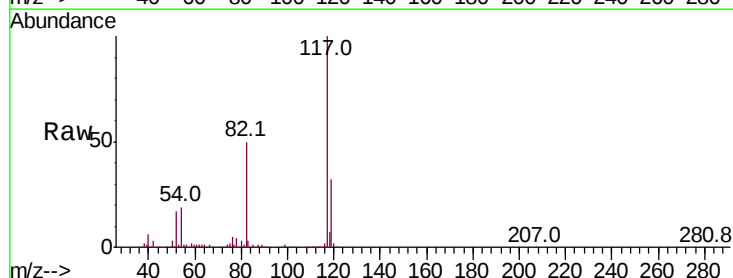
Tgt Ion: 117 Resp: 2400327

Ion Ratio Lower Upper

117 100

82 49.9 40.0 60.0

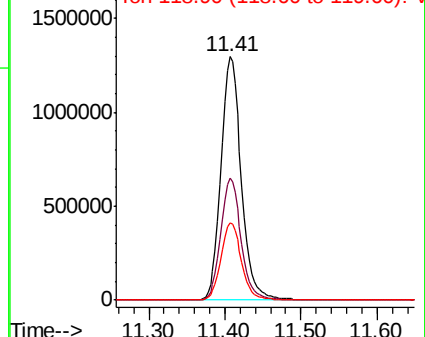
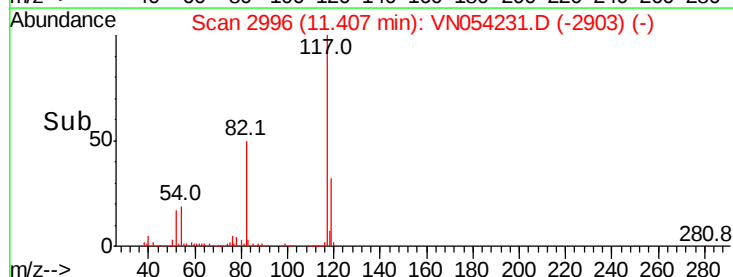
119 31.8 25.8 38.6

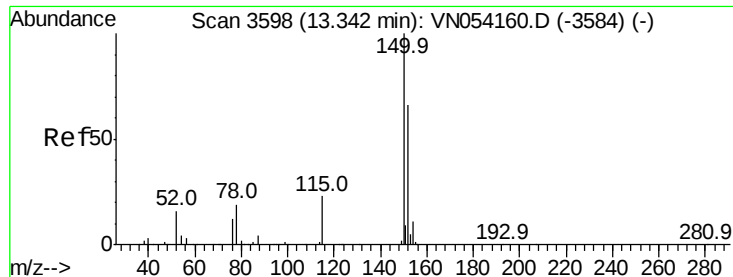


Abundance Ion 116.90 (116.60 to 117.60): VN054231.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054231.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054231.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054231.D

Acq: 14 Mar 2019 00:27

Instrument :

MSVOA_N

ClientSampleId :

PB117844TB

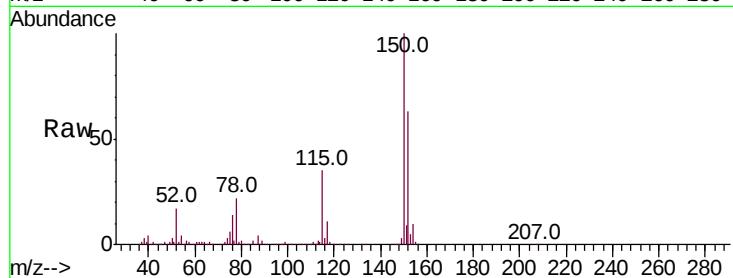
Tot Ion:152 Resp: 1055654

Ion Ratio Lower Upper

152 100

115 54.2 27.2 81.6

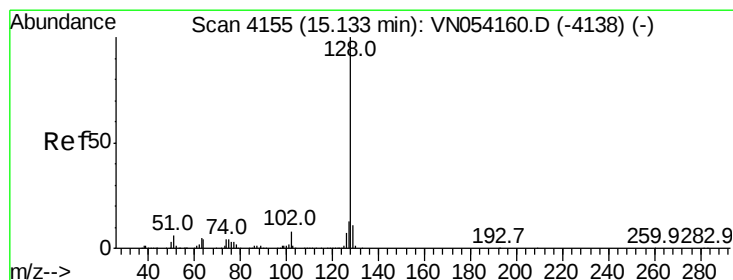
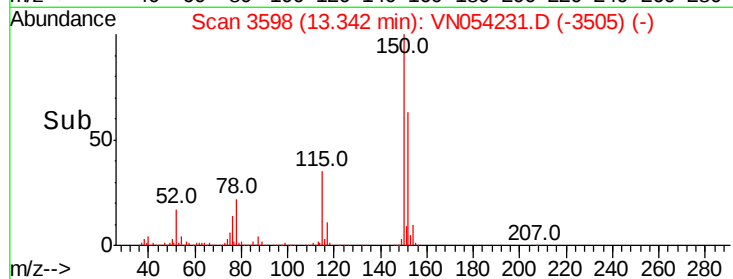
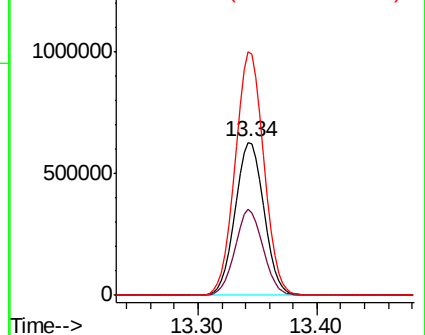
150 157.4 0.0 349.2



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: 4.178 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054231.D

Acq: 14 Mar 2019 00:27

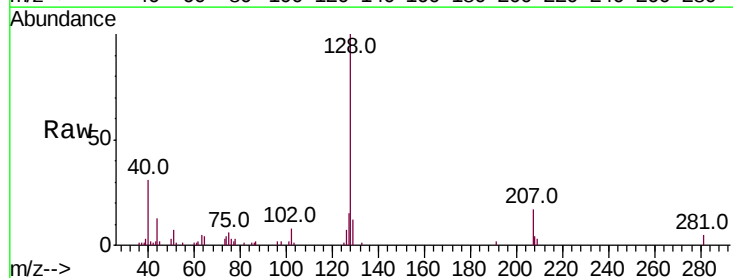
Tgt Ion:128 Resp: 35241

Ion Ratio Lower Upper

128 100

127 13.2 10.1 15.1

129 11.9 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

