

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031919\
 Data File : VN054451.D
 Acq On : 19 Mar 2019 20:12
 Operator : JC/SP
 Sample : K1941-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP

Quant Time: Mar 20 04:59:09 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

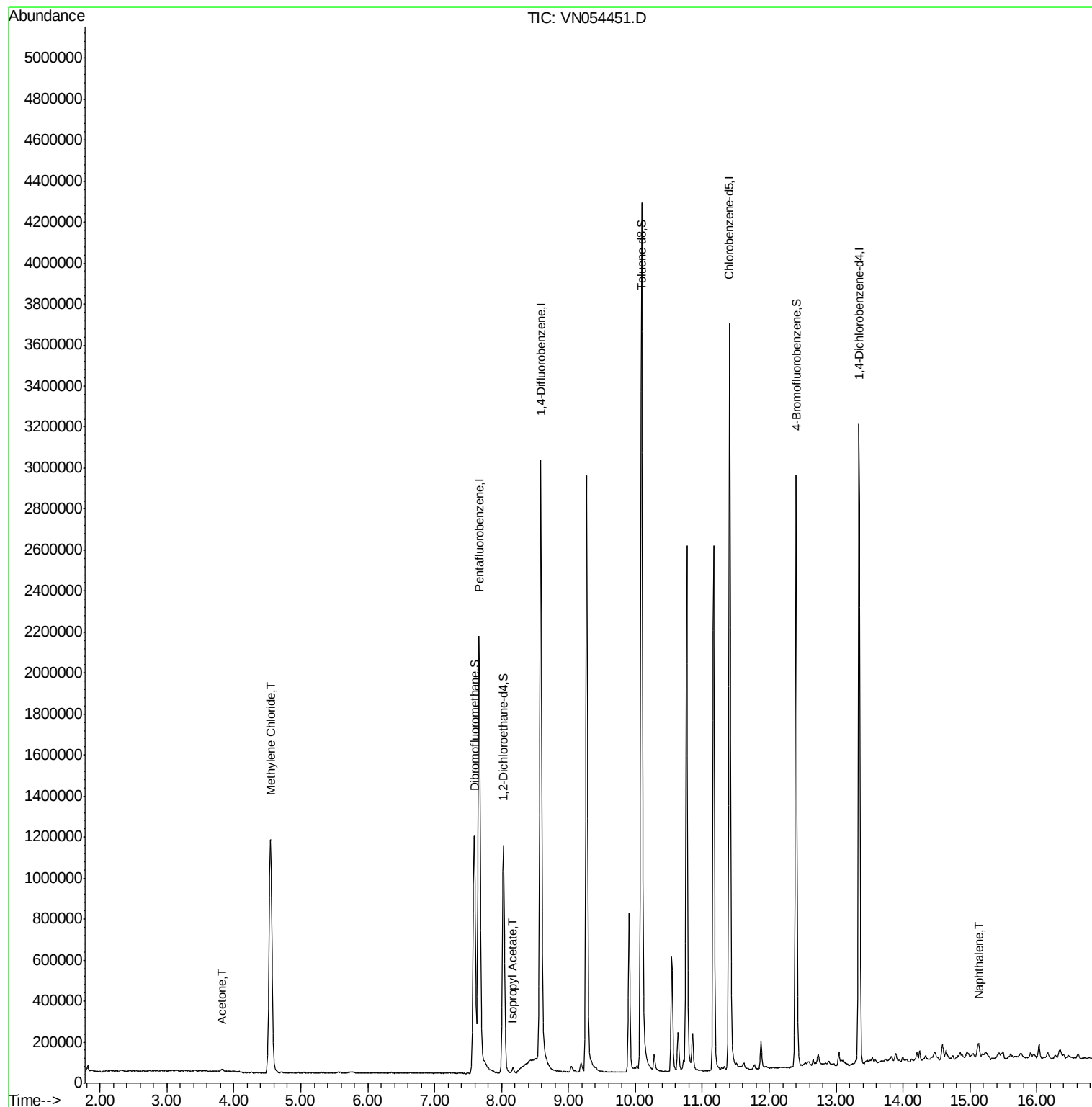
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	2155813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	3074365	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2496680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	936397	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	929349	40.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.18%	
35) Dibromofluoromethane	7.59	113	901134	45.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.90%	
50) Toluene-d8	10.09	98	3478277	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
62) 4-Bromofluorobenzene	12.40	95	1039885	40.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.16%	
Target Compounds						
16) Acetone	3.82	43	18196	2.776	ug/l	99
20) Methylene Chloride	4.55	84	941772	43.753	ug/l	96
43) Isopropyl Acetate	8.17	43	30467	1.067	ug/l #	93
95) Naphthalene	15.13	128	55845	4.735	ug/l	96

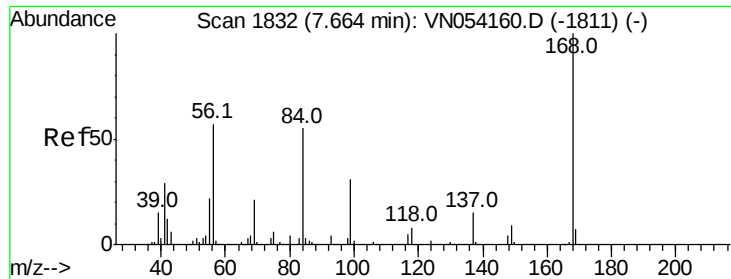
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031919\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
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: VN054451.D

Acq: 19 Mar 2019 20:12

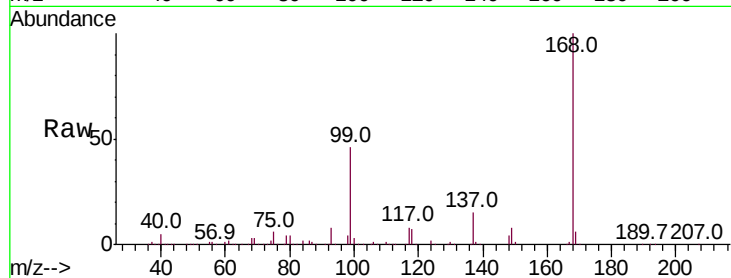
Instrument :
MSVOA_N
ClientSampled :
SP

Tot Ion:168 Resp: 2155813

Ion Ratio Lower Upper

168 100

99 45.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

800000

600000

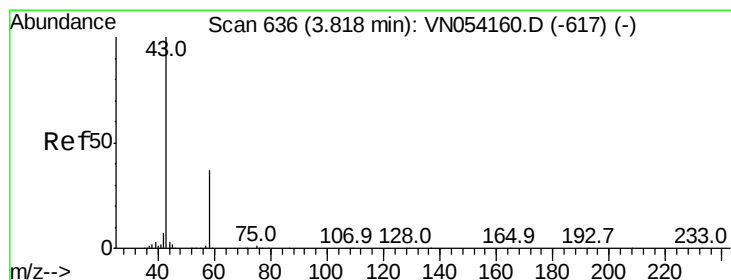
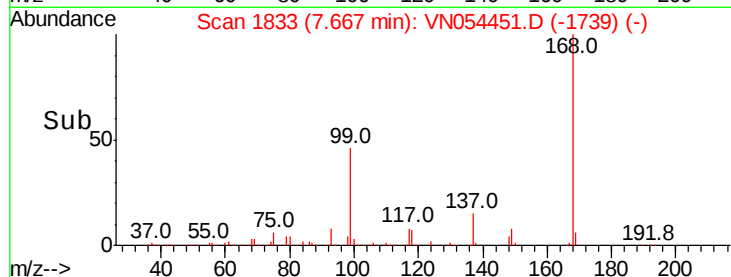
400000

200000

0

Time-->

7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 2.776 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054451.D

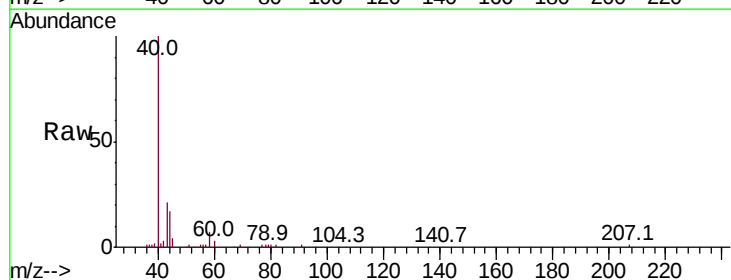
Acq: 19 Mar 2019 20:12

Tgt Ion: 43 Resp: 18196

Ion Ratio Lower Upper

43 100

58 37.7 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

10000

8000

6000

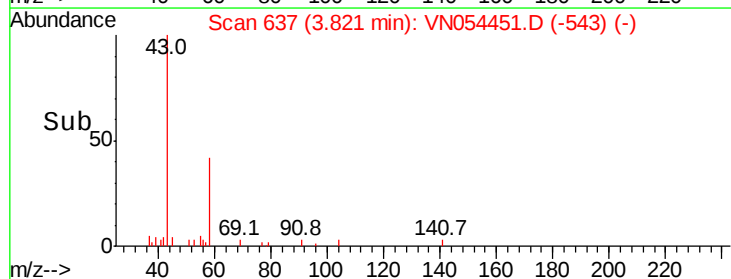
4000

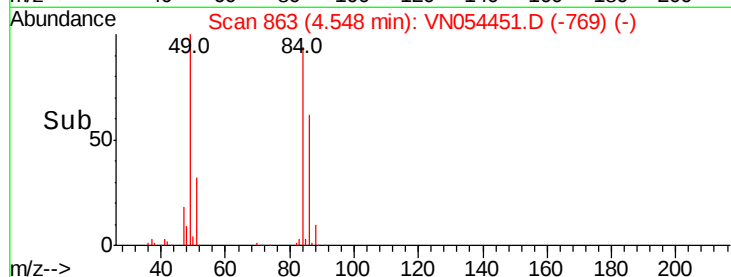
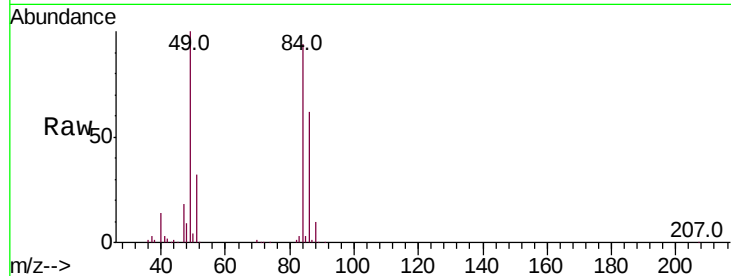
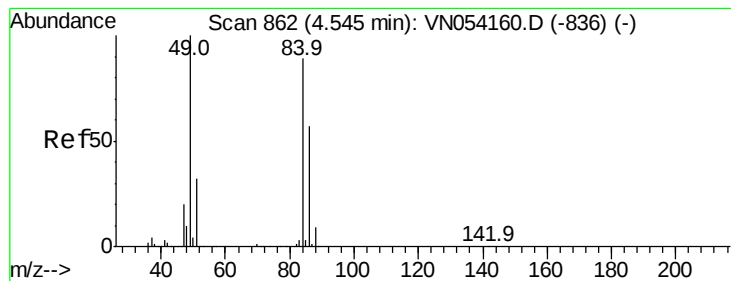
2000

0

Time-->

3.75 3.80 3.85 3.90





#20

Methylene Chloride

Concen: 43.753 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054451.D

Acq: 19 Mar 2019 20:12

Instrument :

MSVOA_N

ClientSampled :

SP

Tot Ion: 84 Resp: 941772

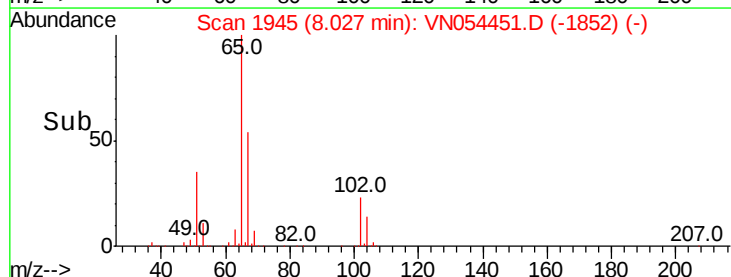
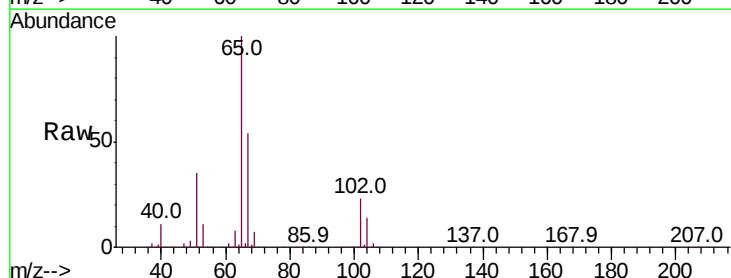
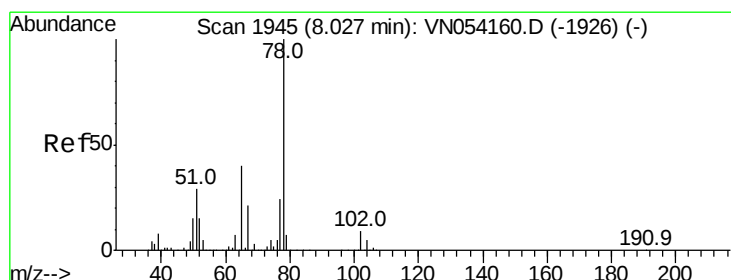
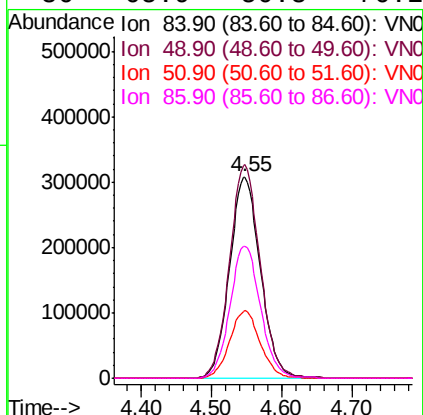
Ion Ratio Lower Upper

84 100

49 106.3 89.7 134.5

51 33.8 28.2 42.4

86 65.9 50.8 76.2



#33

1,2-Dichloroethane-d4

Concen: 40.592 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054451.D

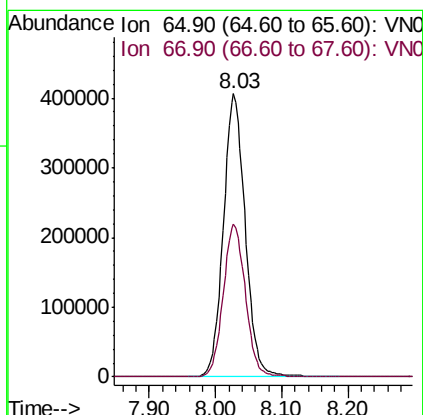
Acq: 19 Mar 2019 20:12

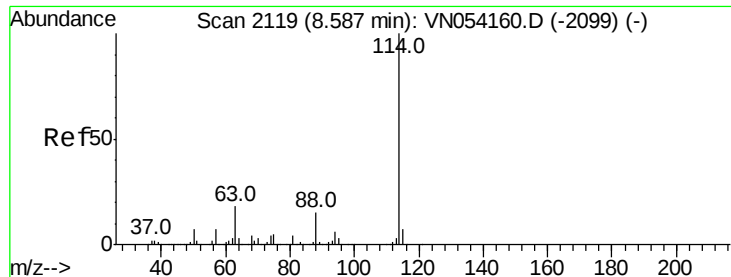
Tgt Ion: 65 Resp: 929349

Ion Ratio Lower Upper

65 100

67 55.0 0.0 104.6

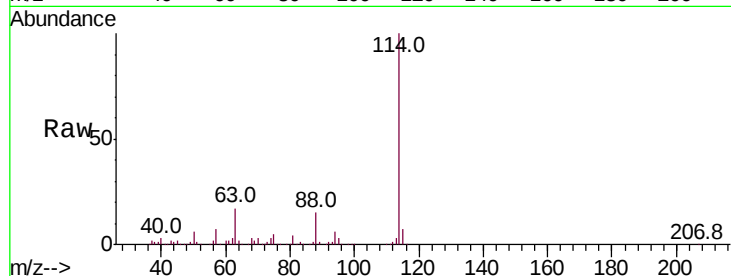




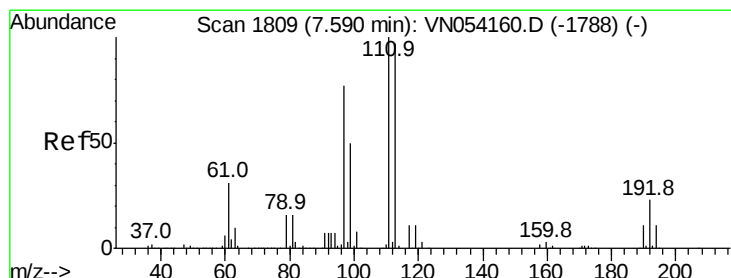
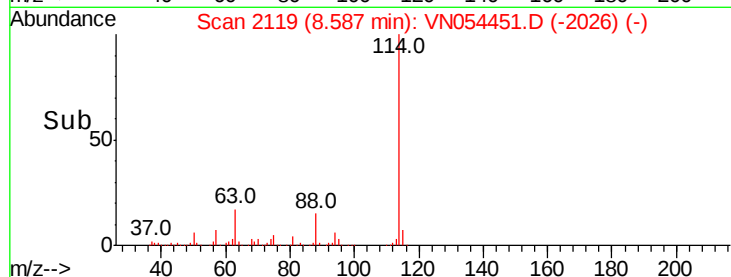
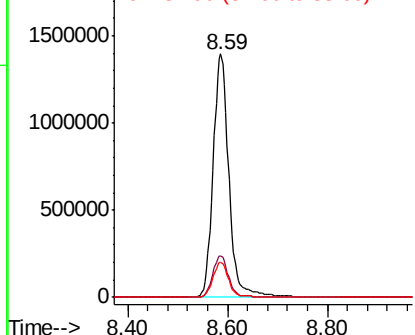
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN054451.D
Acq: 19 Mar 2019 20:12

Instrument :
MSVOA_N
ClientSampleId :
SP

Tot Ion:114 Resp: 3074365
Ion Ratio Lower Upper
114 100
63 17.0 0.0 35.2
88 14.6 0.0 30.2

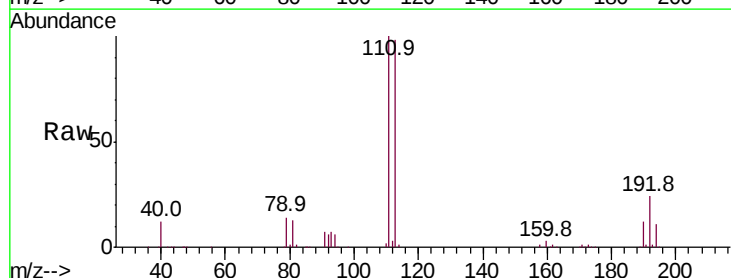


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

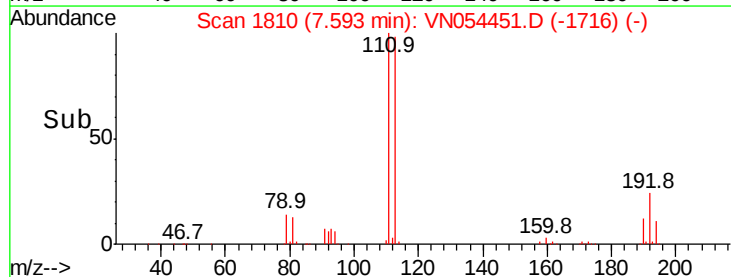
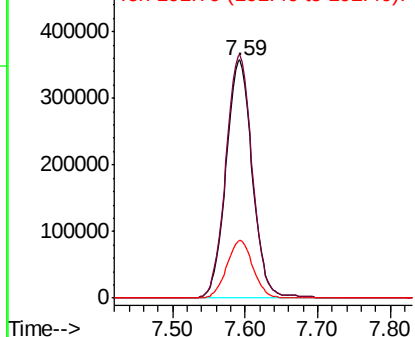


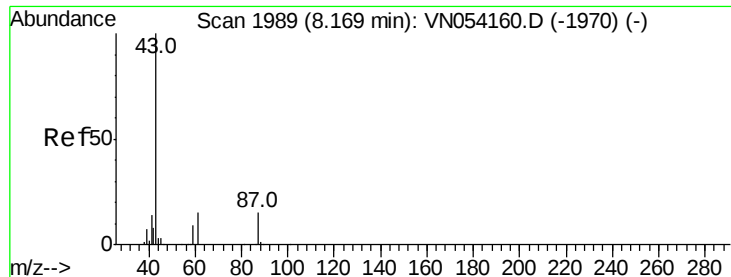
#35
Dibromofluoromethane
Concen: 45.447 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054451.D
Acq: 19 Mar 2019 20:12

Tgt Ion:113 Resp: 901134
Ion Ratio Lower Upper
113 100
111 103.0 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: 1.067 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN054451.D

Acq: 19 Mar 2019 20:12

Instrument :

MSVOA_N

ClientSampleId :

SP

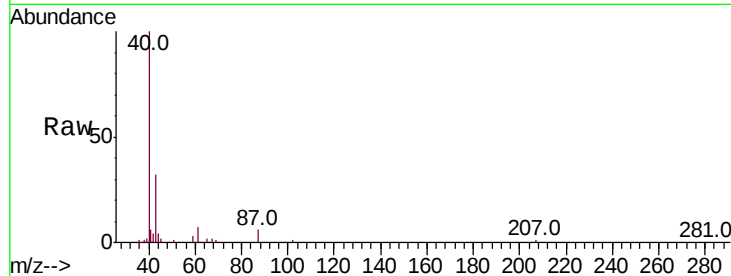
Tot Ion: 43 Resp: 30467

Ion Ratio Lower Upper

43 100

61 22.6 15.8 23.8

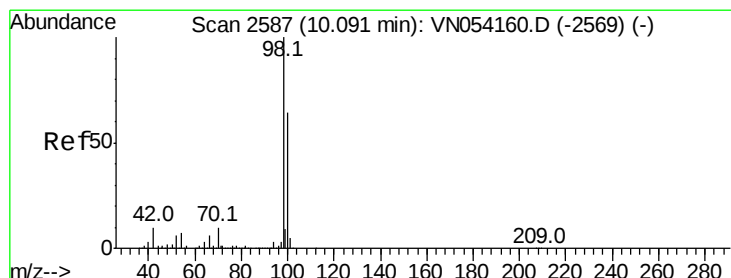
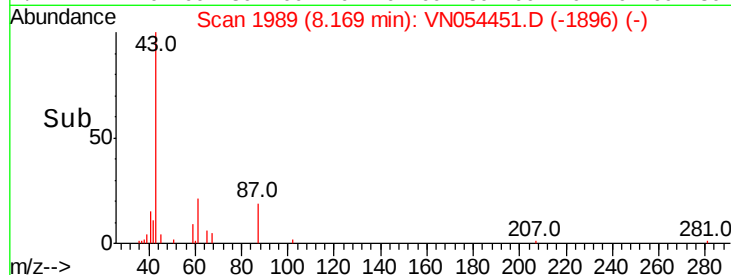
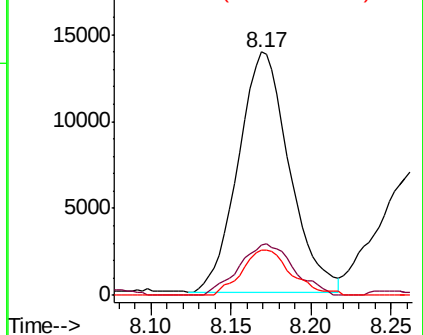
87 18.3 12.0 18.0#



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: 47.499 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054451.D

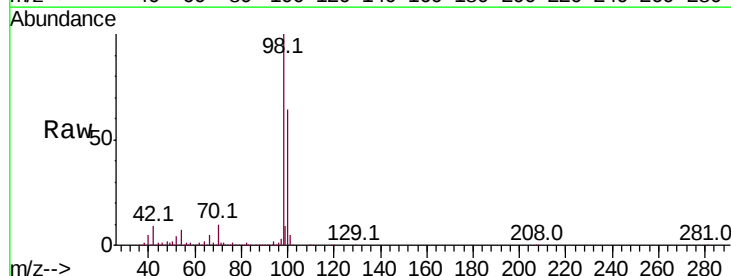
Acq: 19 Mar 2019 20:12

Tgt Ion: 98 Resp: 3478277

Ion Ratio Lower Upper

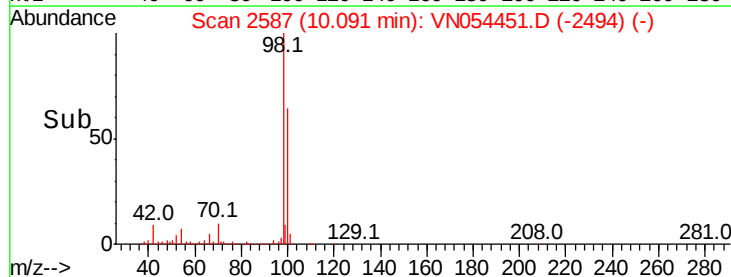
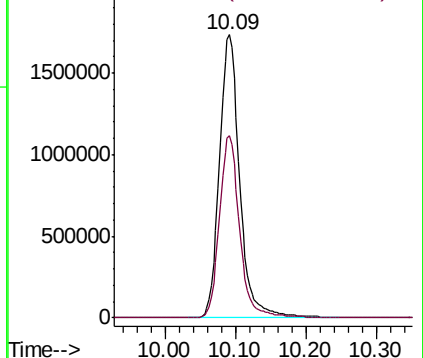
98 100

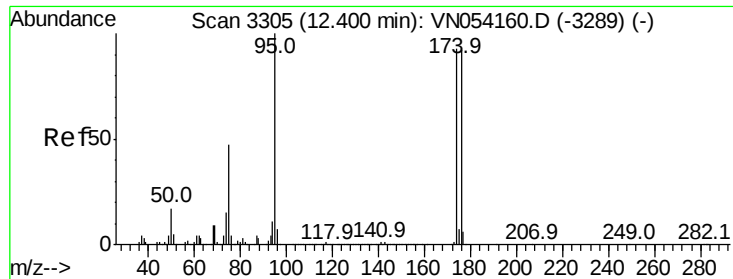
100 64.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 40.584 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054451.D

Acq: 19 Mar 2019 20:12

Instrument :

MSVOA_N

ClientSampled :

SP

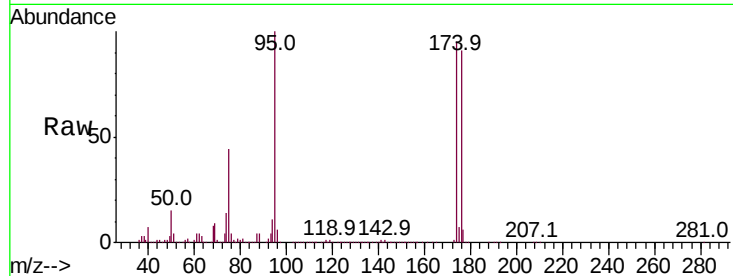
Tot Ion: 95 Resp: 1039885

Ion Ratio Lower Upper

95 100

174 95.1 0.0 191.0

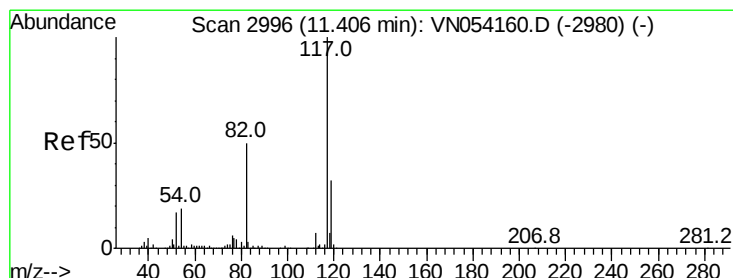
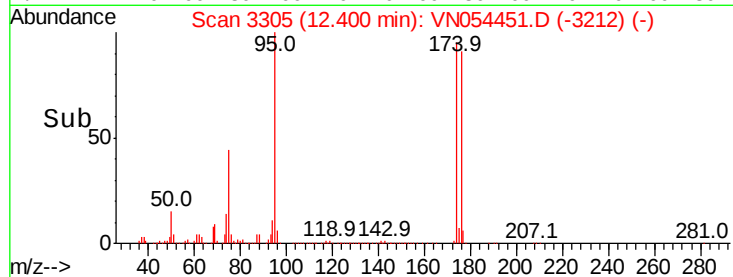
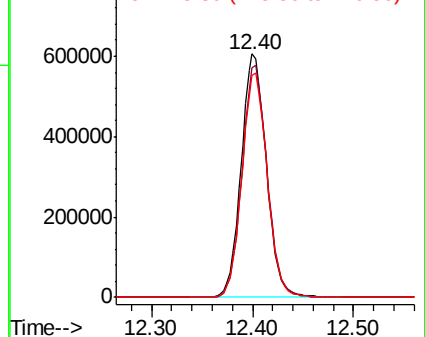
176 92.6 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054451.D

Acq: 19 Mar 2019 20:12

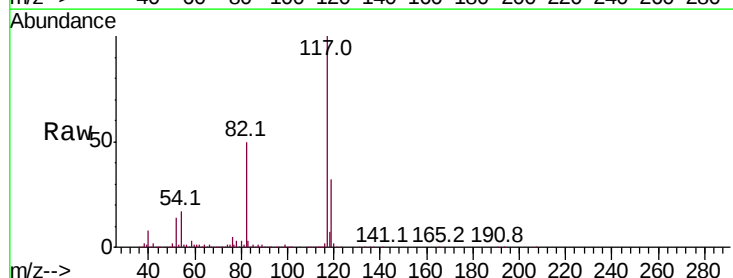
Tgt Ion: 117 Resp: 2496680

Ion Ratio Lower Upper

117 100

82 50.0 40.0 60.0

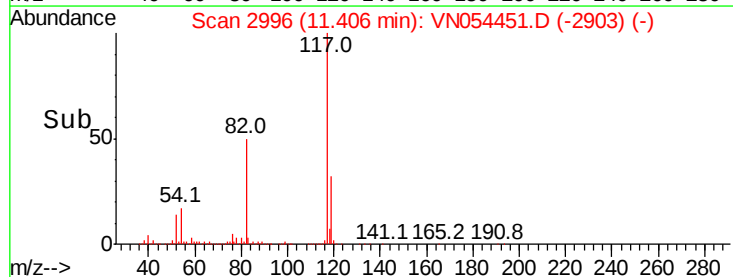
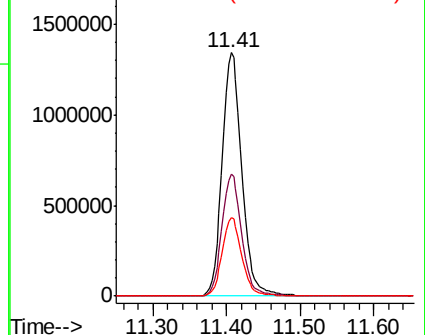
119 32.3 25.8 38.6

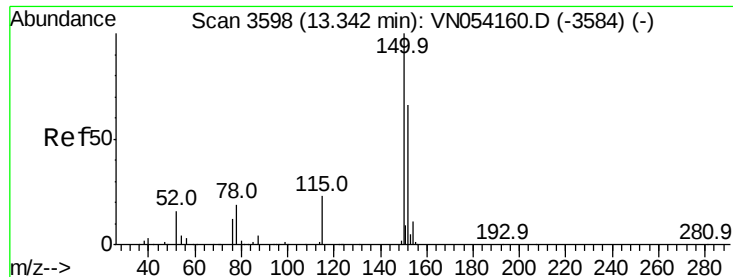


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054451.D

Acq: 19 Mar 2019 20:12

Instrument :

MSVOA_N

ClientSampleId :

SP

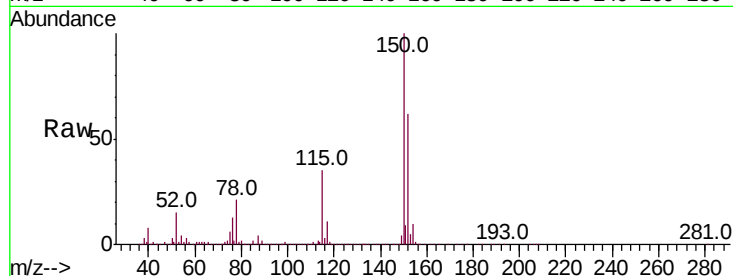
Tot Ion:152 Resp: 936397

Ion Ratio Lower Upper

152 100

115 54.3 27.2 81.6

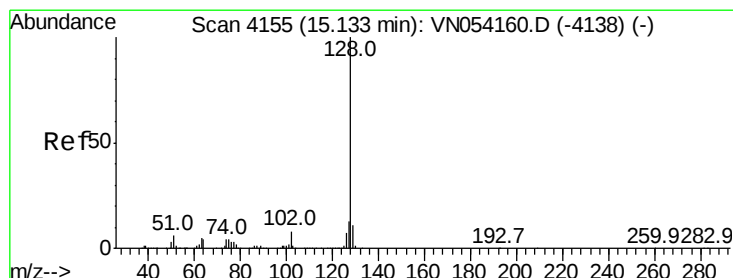
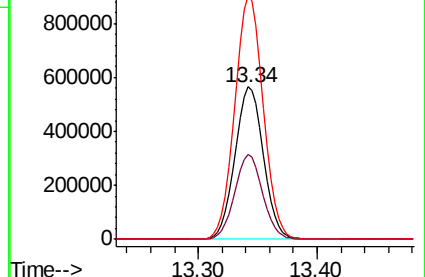
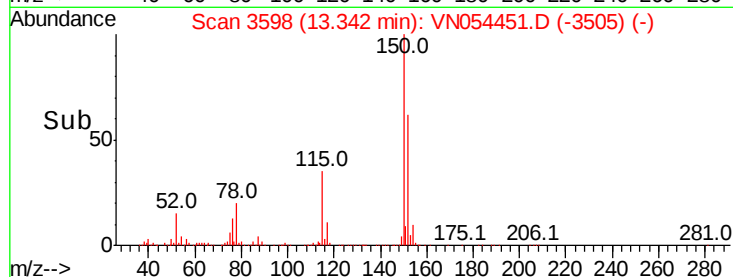
150 159.4 0.0 349.2



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: 4.735 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054451.D

Acq: 19 Mar 2019 20:12

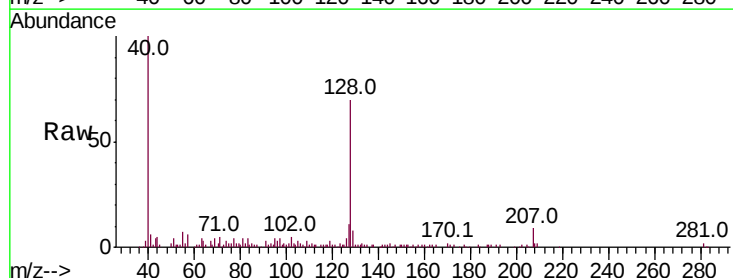
Tgt Ion:128 Resp: 55845

Ion Ratio Lower Upper

128 100

127 13.8 10.1 15.1

129 13.1 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

