

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021119\
 Data File : VN053712.D
 Acq On : 11 Feb 2019 18:34
 Operator : JC/SP
 Sample : K1454-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Feb 11 23:15:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

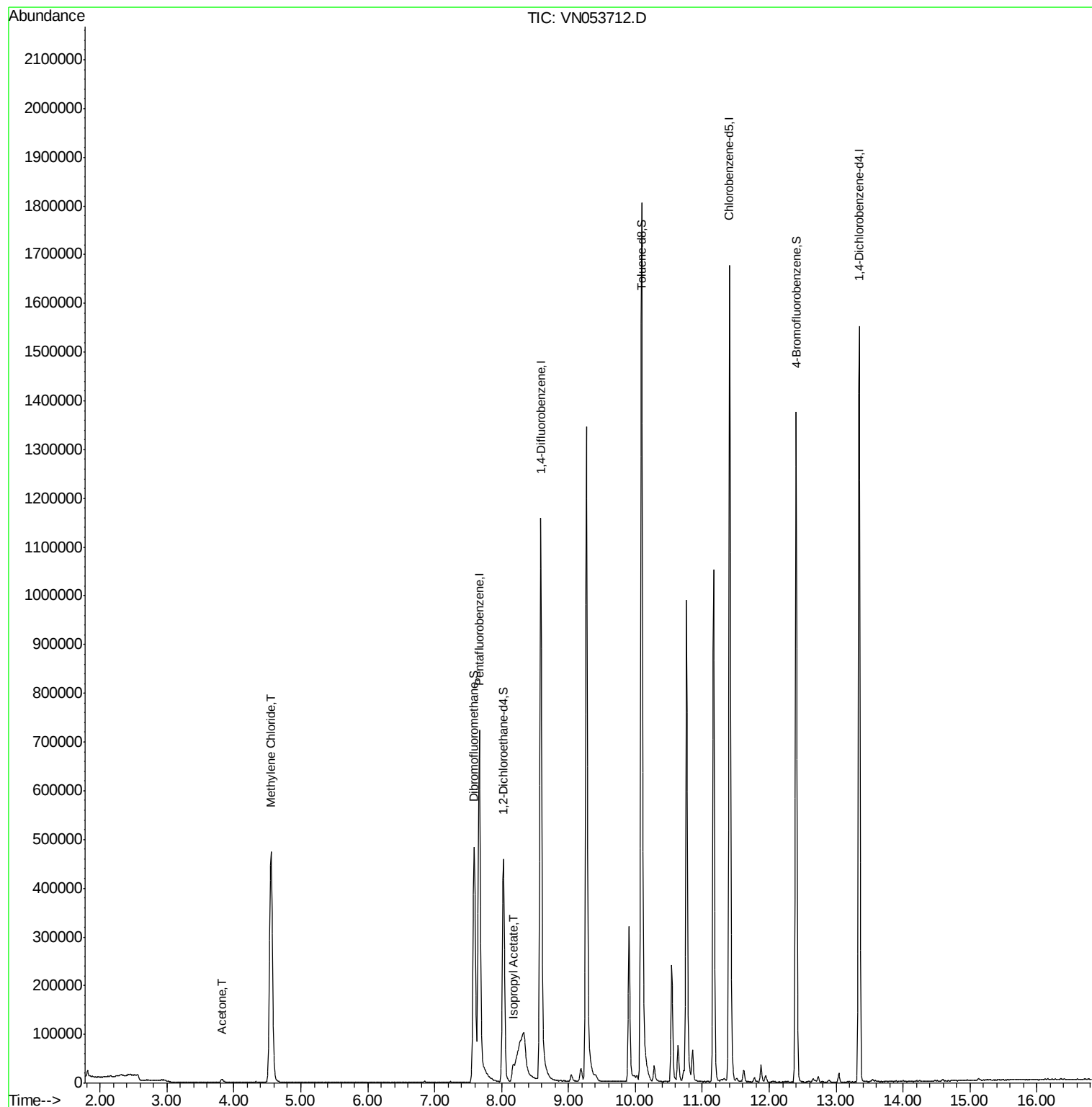
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	682395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1199808	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1115179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	466889	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	386437	56.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.90%	
35) Dibromofluoromethane	7.59	113	375230	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
50) Toluene-d8	10.09	98	1458535	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
62) 4-Bromofluorobenzene	12.40	95	493657	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
Target Compounds						
16) Acetone	3.82	43	13376	7.618	ug/l	99
20) Methylene Chloride	4.55	84	378874	51.429	ug/l	98
43) Isopropyl Acetate	8.17	43	36958	3.168	ug/l #	80

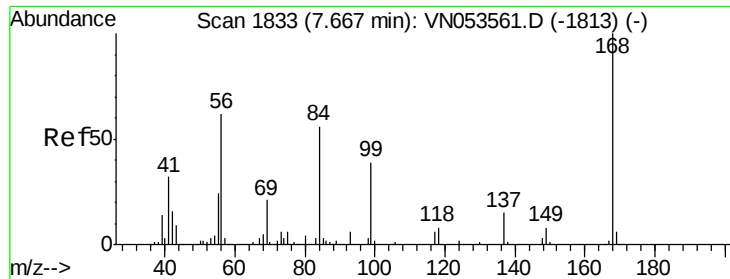
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021119\
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MSVOA_N
ClientSampled :
TP-1

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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: VN053712.D

Acq: 11 Feb 2019 18:34

Instrument :

MSVOA_N

ClientSampled :

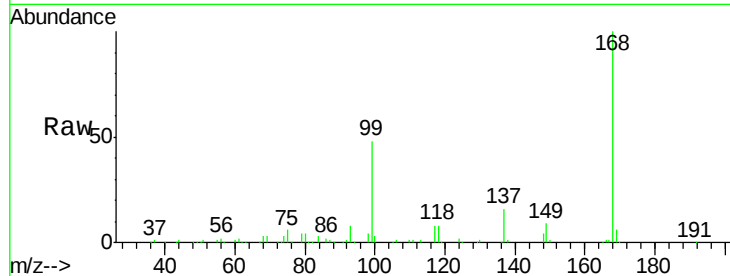
TP-1

Tot Ion:168 Resp: 682395

Ion Ratio Lower Upper

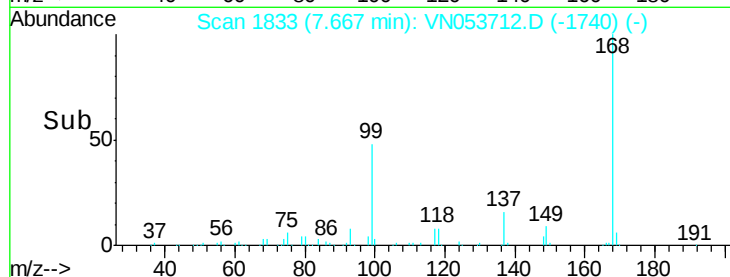
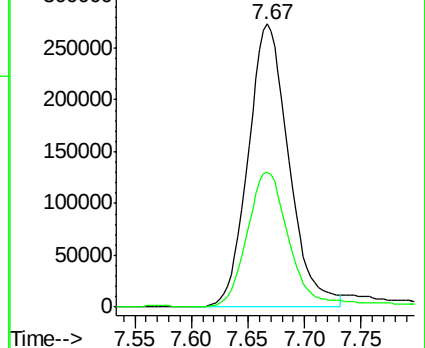
168 100

99 47.7 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 7.618 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053712.D

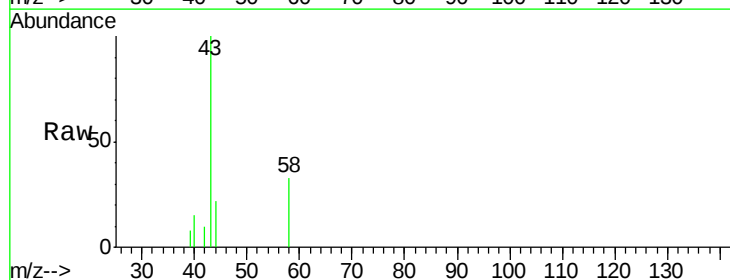
Acq: 11 Feb 2019 18:34

Tgt Ion: 43 Resp: 13376

Ion Ratio Lower Upper

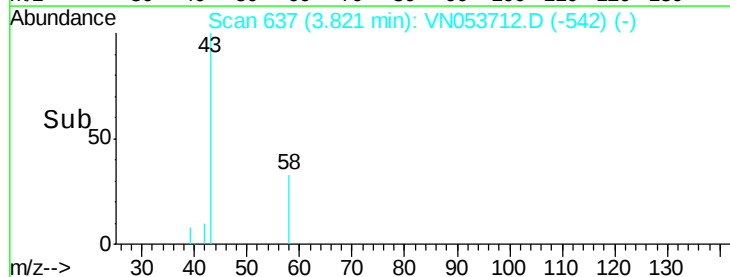
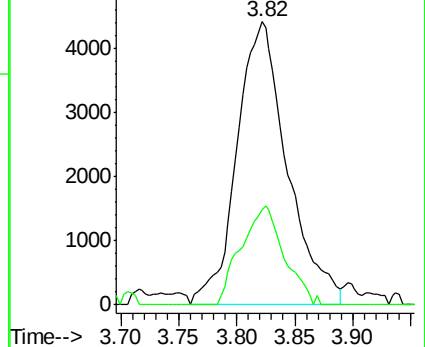
43 100

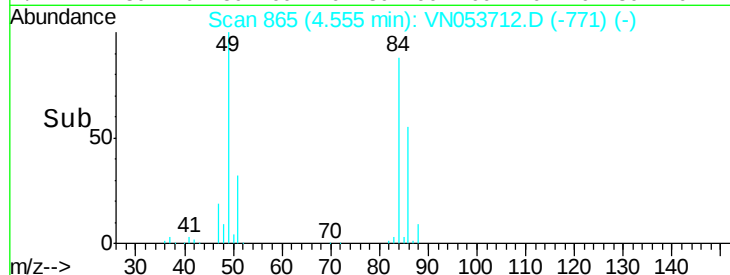
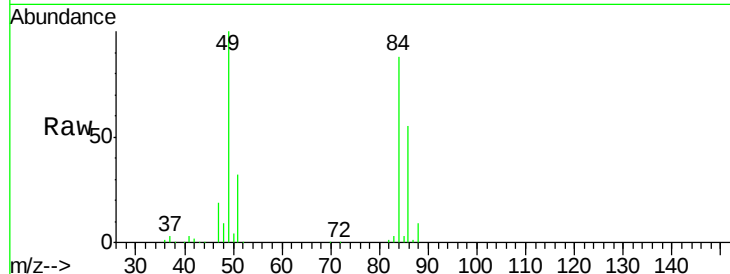
58 33.5 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

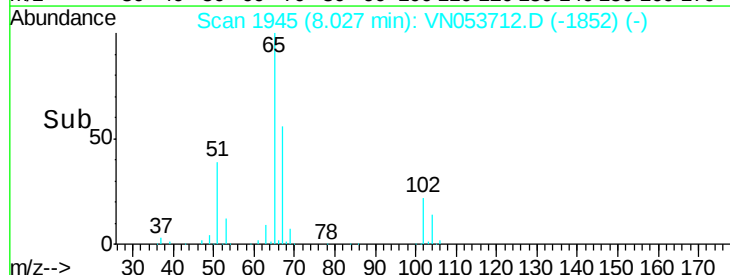
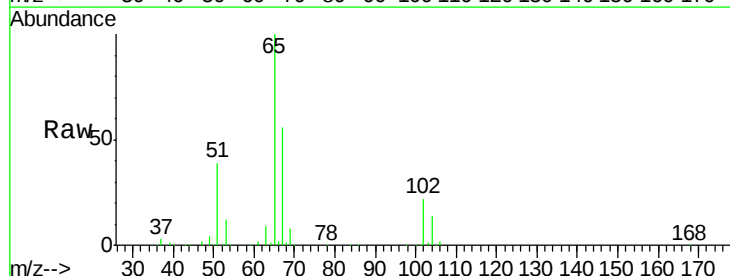
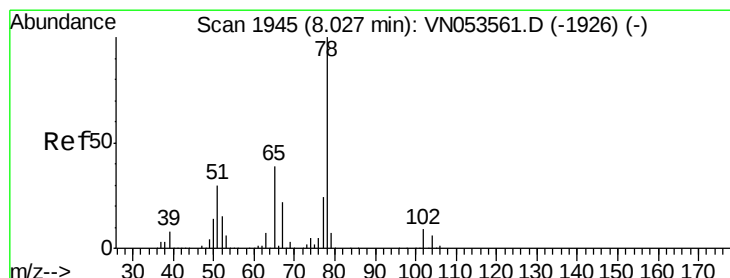
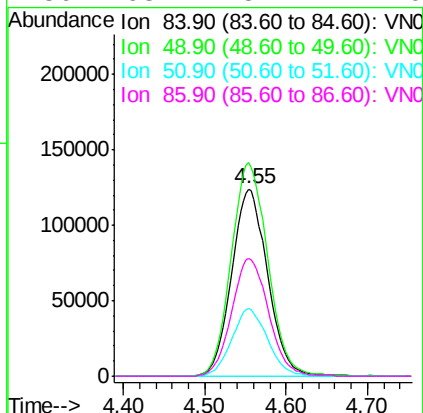




#20
Methvlene Chloride
Concen: 51.429 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053712.D
Acq: 11 Feb 2019 18:34

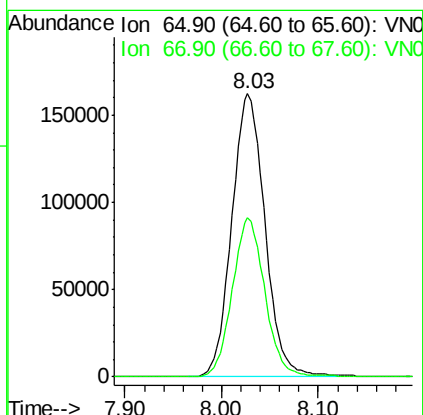
Instrument :
MSVOA_N
ClientSampled :
TP-1

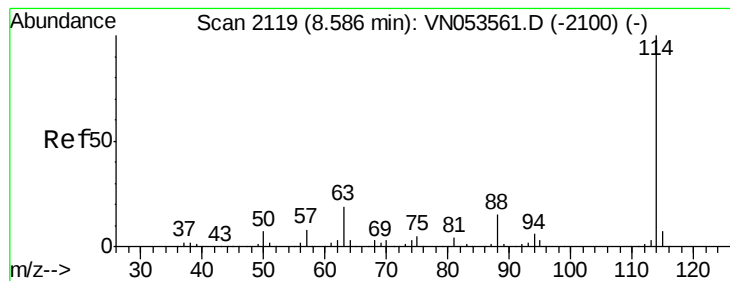
Tot Ion:	84	Resp:	378874
Ion	Ratio	Lower	Upper
84	100		
49	114.1	94.3	141.5
51	36.4	29.4	44.2
86	63.2	51.4	77.0



#33
1,2-Dichloroethane-d4
Concen: 56.449 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053712.D
Acq: 11 Feb 2019 18:34

Tgt Ion:	65	Resp:	386437
Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	111.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053712.D

Acq: 11 Feb 2019 18:34

Instrument :

MSVOA_N

ClientSampleId :

TP-1

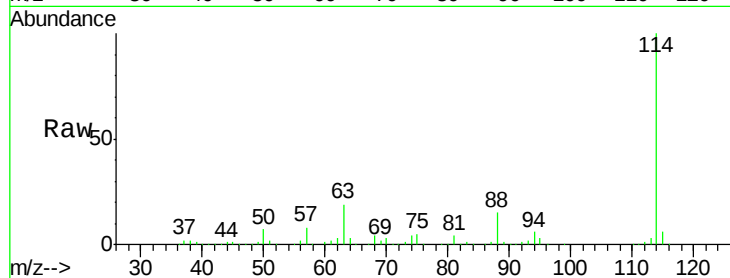
Tot Ion:114 Resp: 1199808

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.6

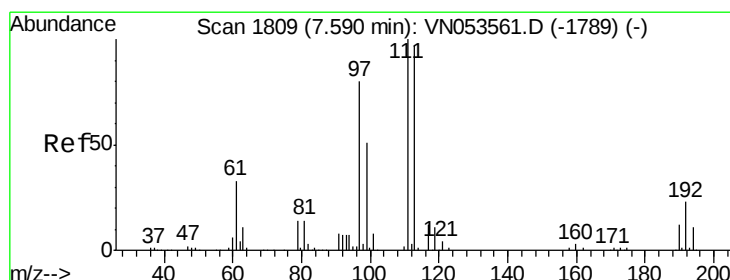
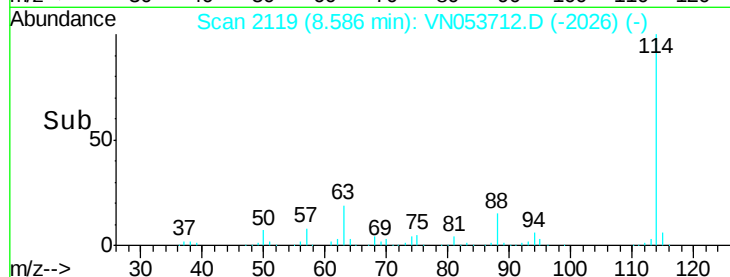
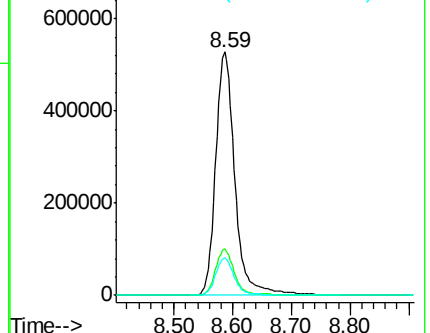
88 15.5 0.0 30.4



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: 49.495 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053712.D

Acq: 11 Feb 2019 18:34

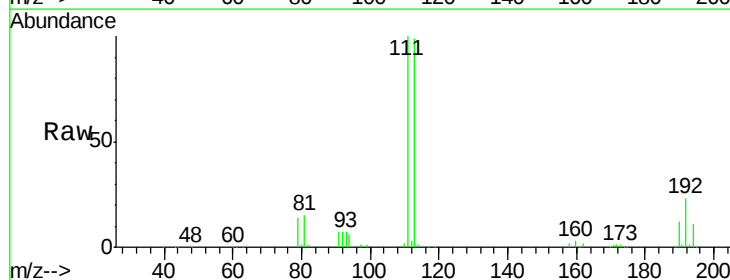
Tgt Ion:113 Resp: 375230

Ion Ratio Lower Upper

113 100

111 103.2 81.1 121.7

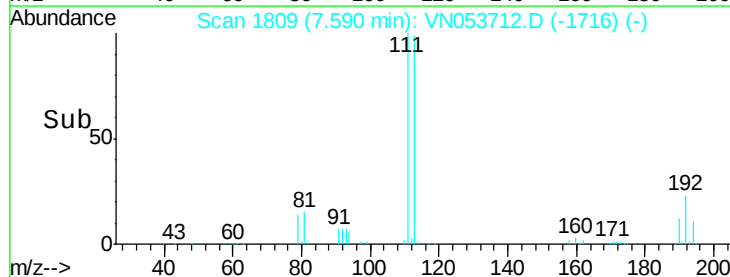
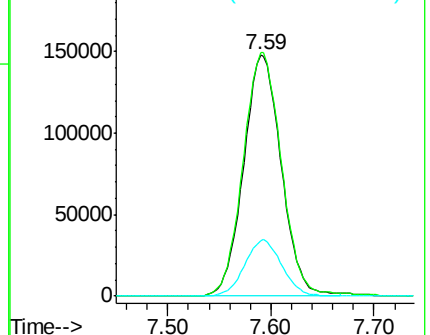
192 23.3 18.2 27.2

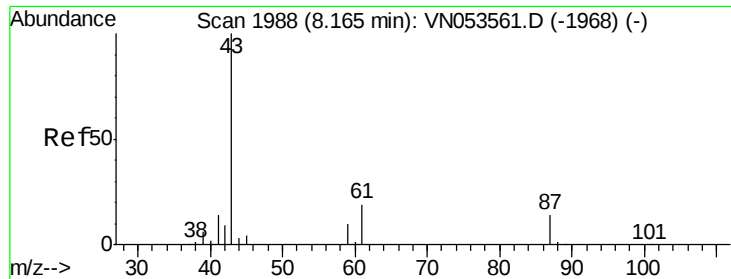


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.168 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN053712.D

Acq: 11 Feb 2019 18:34

Instrument :

MSVOA_N

ClientSampleId :

TP-1

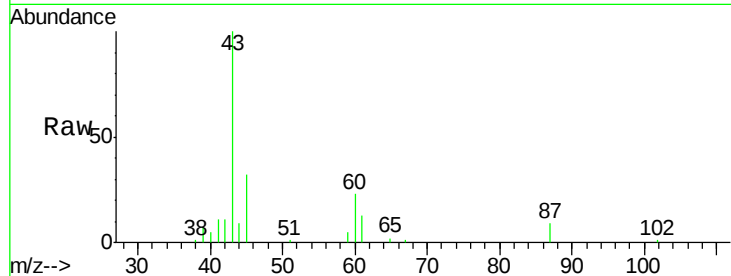
Tot Ion: 43 Resp: 36958

Ion Ratio Lower Upper

43 100

61 16.9 23.9 35.9#

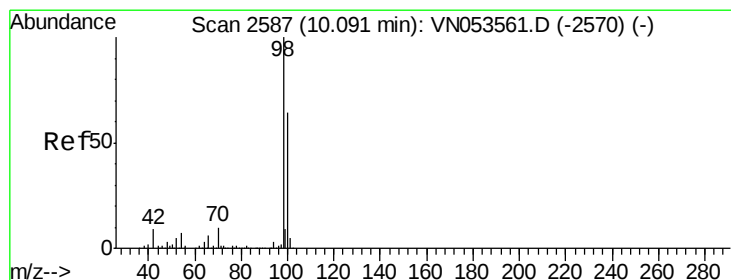
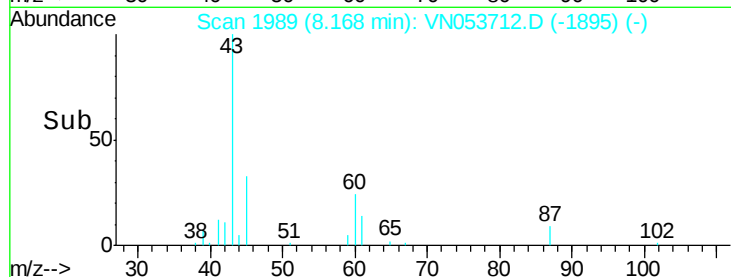
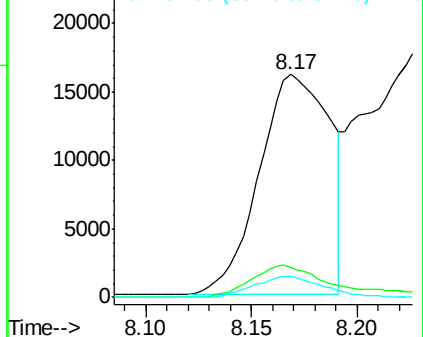
87 9.3 11.0 16.6#



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: 51.238 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053712.D

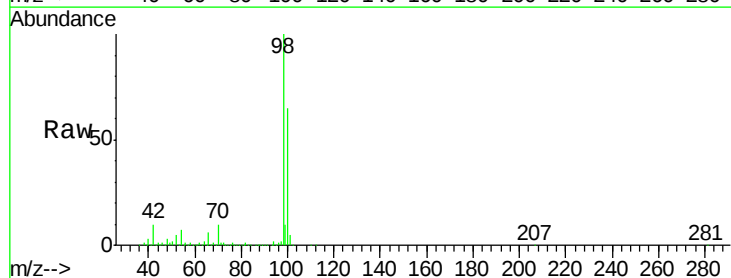
Acq: 11 Feb 2019 18:34

Tgt Ion: 98 Resp: 1458535

Ion Ratio Lower Upper

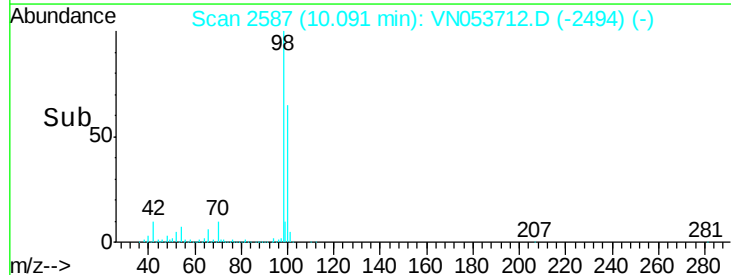
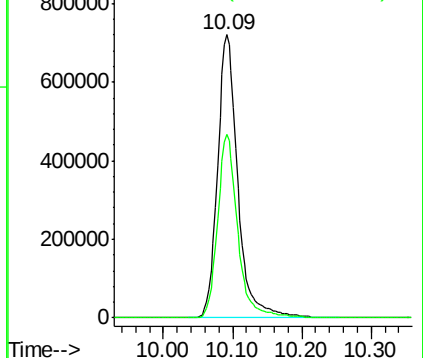
98 100

100 64.4 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 51.997 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053712.D

Acq: 11 Feb 2019 18:34

Instrument :

MSVOA_N

ClientSampleId :

TP-1

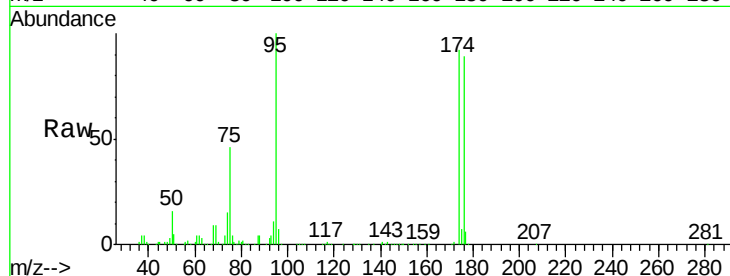
Tot Ion: 95 Resp: 493657

Ion Ratio Lower Upper

95 100

174 92.8 0.0 183.2

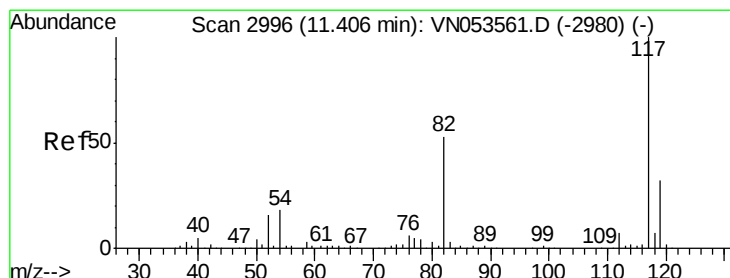
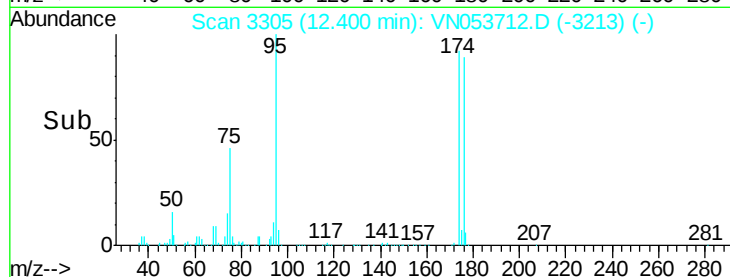
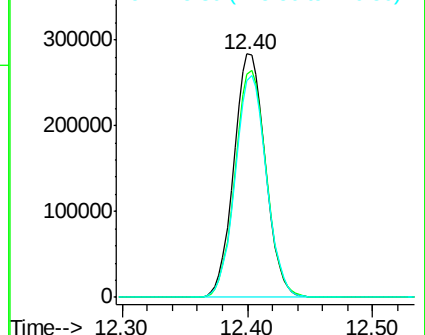
176 90.4 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053712.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN053712.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN053712.D (-3213) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053712.D

Acq: 11 Feb 2019 18:34

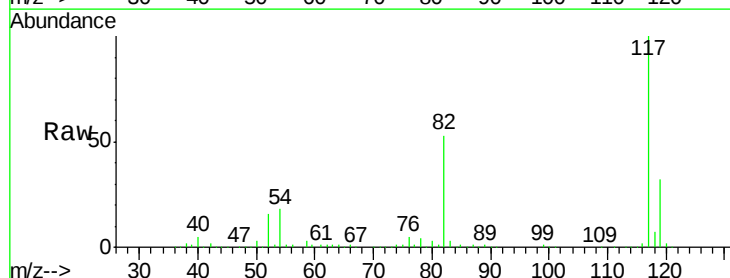
Tgt Ion: 117 Resp: 1115179

Ion Ratio Lower Upper

117 100

82 52.5 42.9 64.3

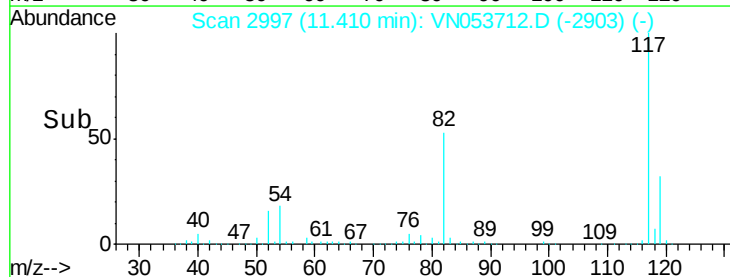
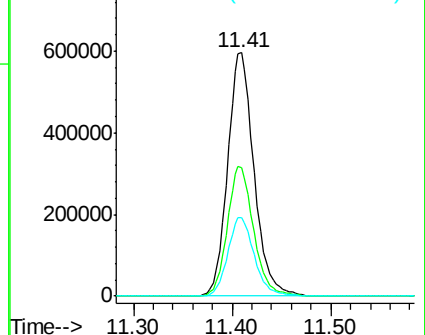
119 32.3 26.0 39.0

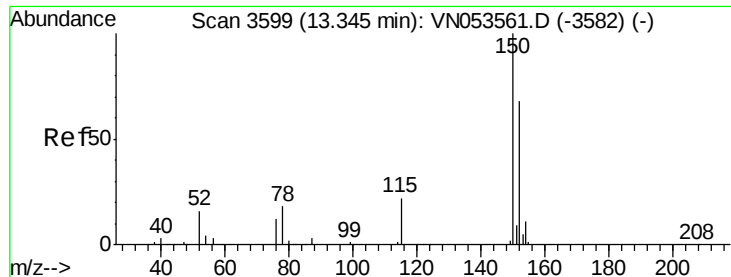


Abundance Ion 116.90 (116.60 to 117.60): VN053712.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN053712.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN053712.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053712.D

Acq: 11 Feb 2019 18:34

Instrument :

MSVOA_N

ClientSampleId :

TP-1

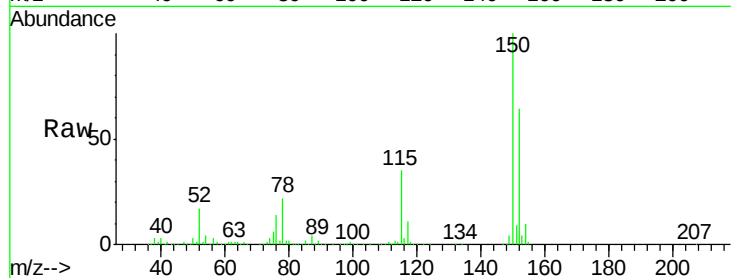
Tot Ion:152 Resp: 466889

Ion Ratio Lower Upper

152 100

115 55.2 27.8 83.4

150 156.4 0.0 349.0



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

