

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021119\
 Data File : VN053703.D
 Acq On : 11 Feb 2019 14:33
 Operator : JC/SP
 Sample : K1442-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-10

Quant Time: Feb 11 22:52:40 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

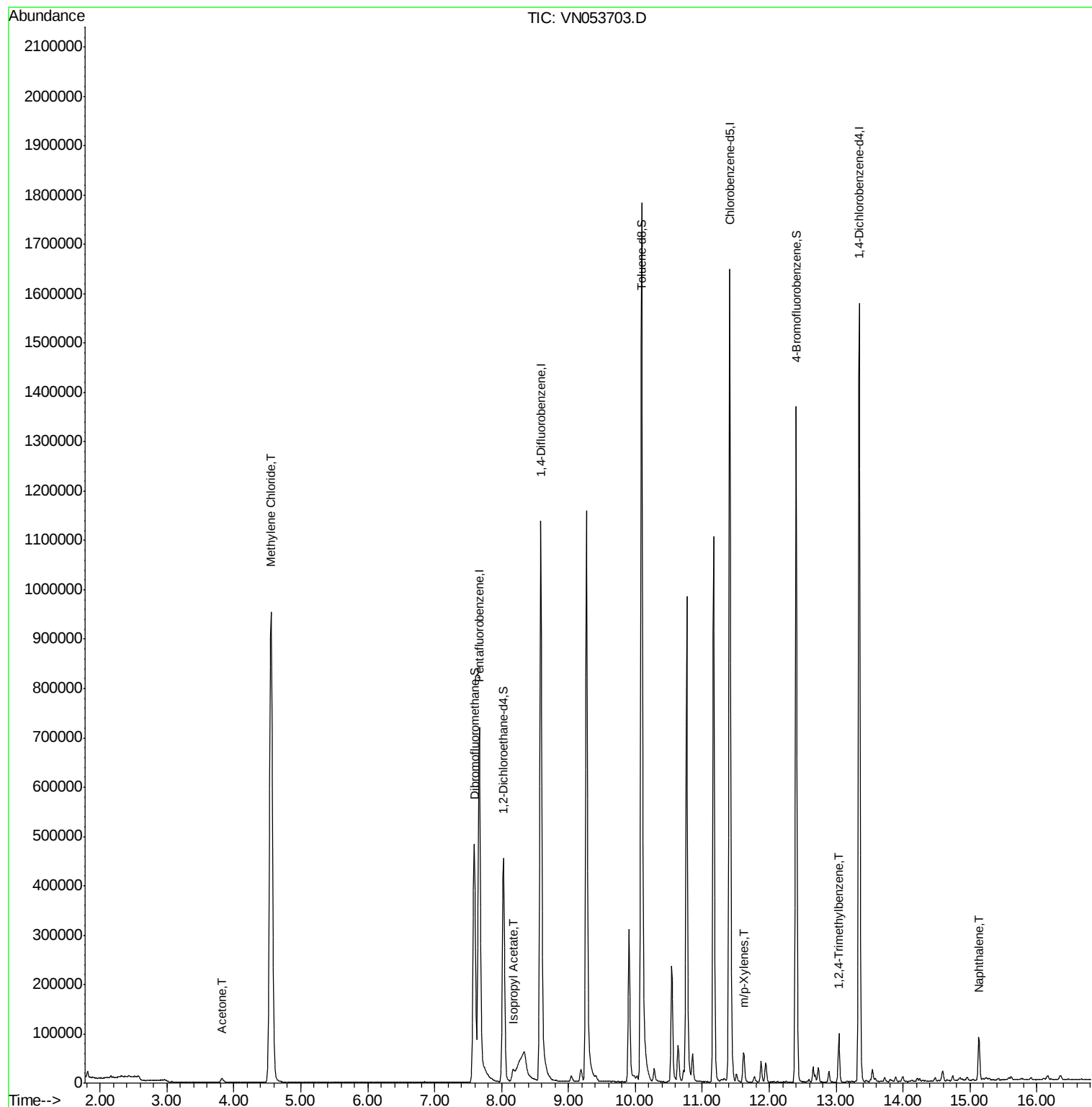
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	735330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1204779	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1107277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	457442	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	389223	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
35) Dibromofluoromethane	7.59	113	381798	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
50) Toluene-d8	10.09	98	1461788	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
62) 4-Bromofluorobenzene	12.40	95	480081	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
Target Compounds						
16) Acetone	3.82	43	15663	8.278	ug/l	91
20) Methylene Chloride	4.55	84	766326	96.534	ug/l	99
43) Isopropyl Acetate	8.17	43	35623	3.041	ug/l #	77
68) m/p-Xylenes	11.62	106	20671	1.402	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	58221	2.143	ug/l	99
95) Naphthalene	15.13	128	80930	5.624	ug/l	98

(#) = 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: VN053703.D

Acq: 11 Feb 2019 14:33

Instrument :

MSVOA_N

ClientSampled :

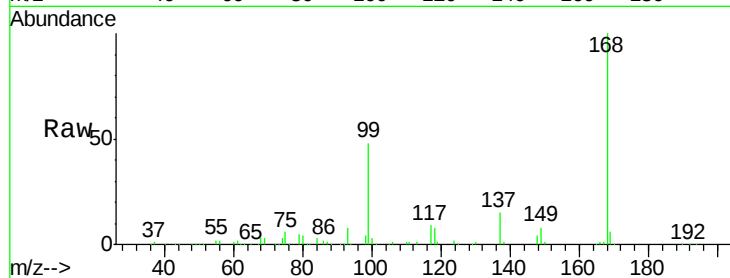
COMP-10

Tot Ion:168 Resp: 735330

Ion Ratio Lower Upper

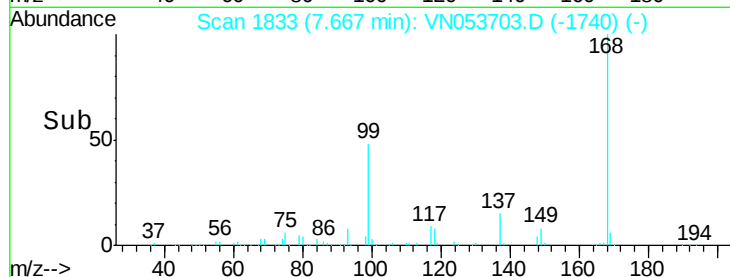
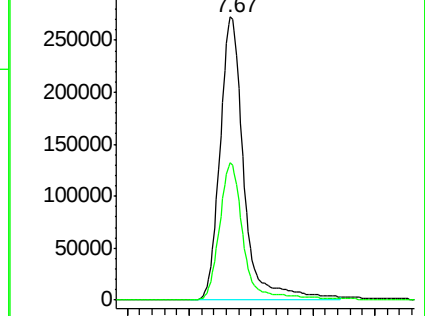
168 100

99 48.4 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: 8.278 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053703.D

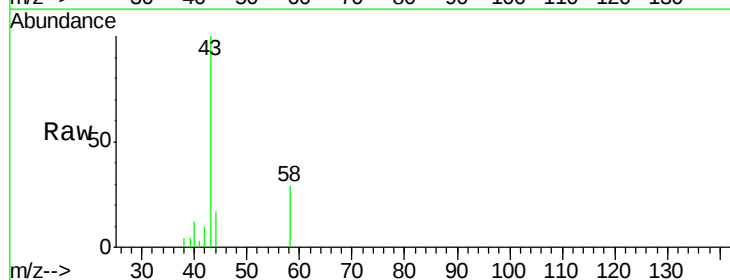
Acq: 11 Feb 2019 14:33

Tgt Ion: 43 Resp: 15663

Ion Ratio Lower Upper

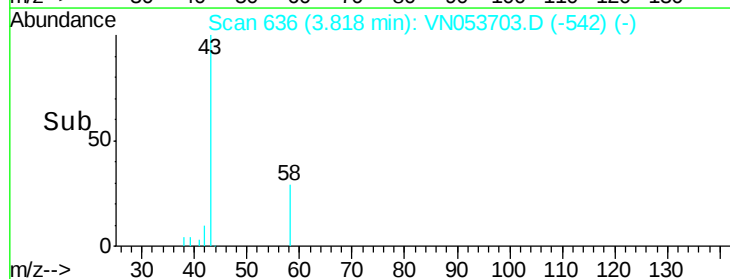
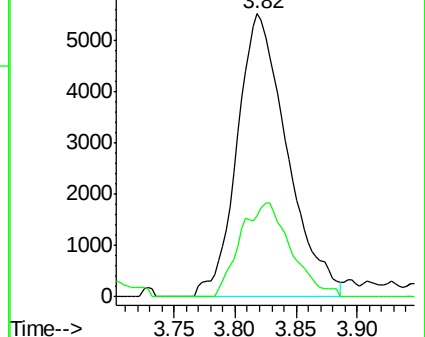
43 100

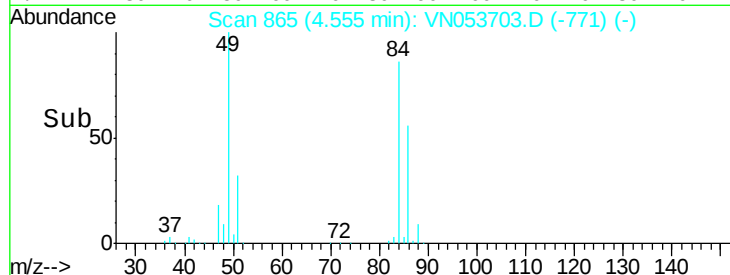
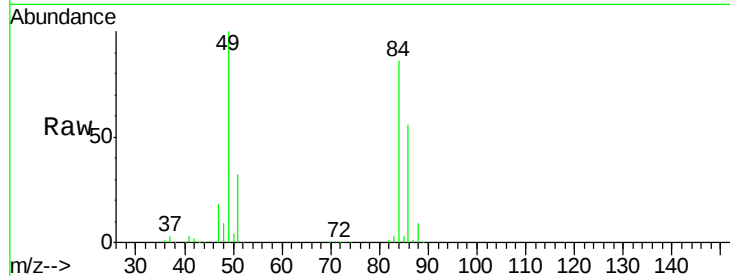
58 28.7 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

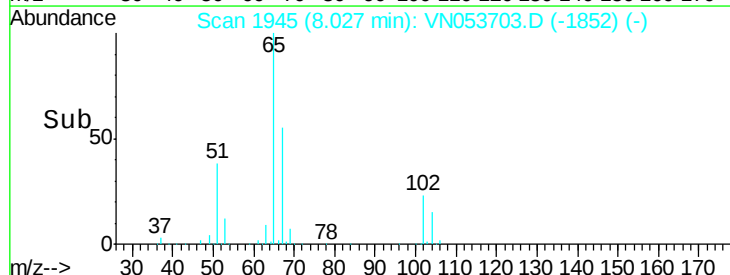
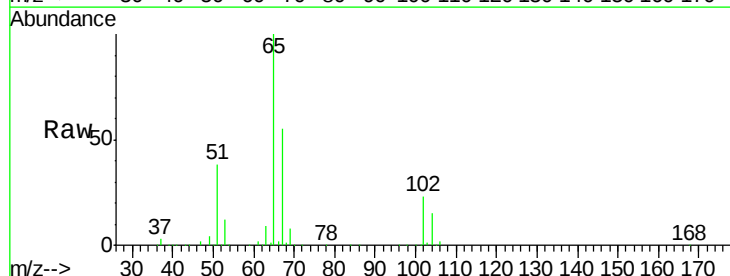
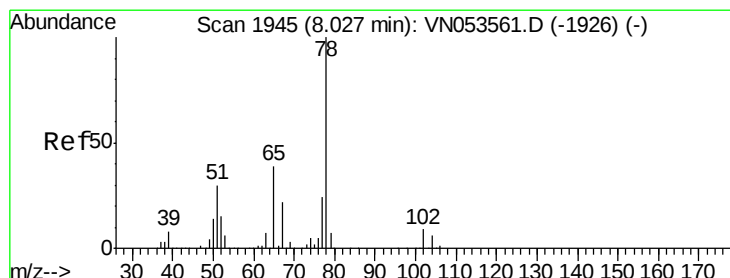
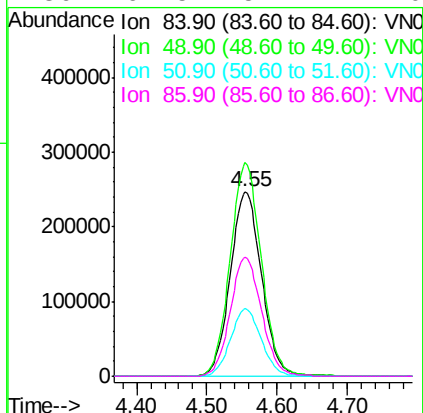




#20
Methvlene Chloride
Concen: 96.534 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053703.D
Acq: 11 Feb 2019 14:33

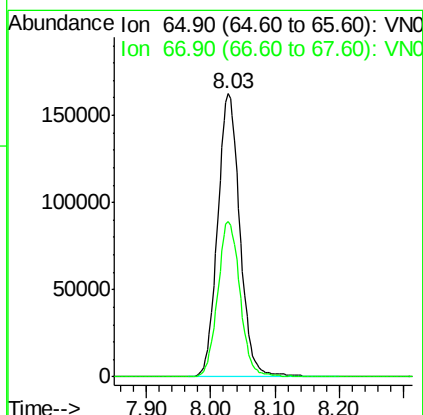
Instrument :
MSVOA_N
ClientSampleId :
COMP-10

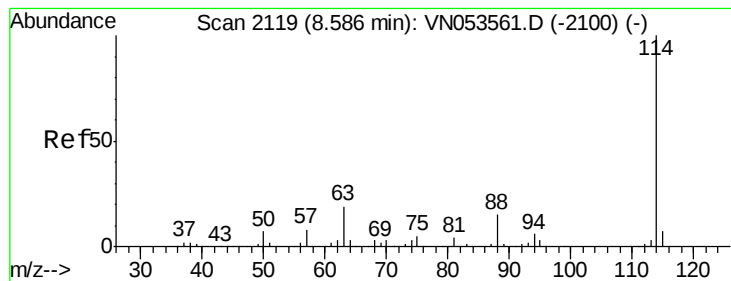
Tot Ion:	84	Resp:	766326
Ion	Ratio	Lower	Upper
84	100		
49	115.7	94.3	141.5
51	36.5	29.4	44.2
86	64.5	51.4	77.0



#33
1,2-Dichloroethane-d4
Concen: 52.763 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053703.D
Acq: 11 Feb 2019 14:33

Tgt Ion:	65	Resp:	389223
Ion	Ratio	Lower	Upper
65	100		
67	54.8	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: VN053703.D

Acq: 11 Feb 2019 14:33

Instrument :

MSVOA_N

ClientSampleId :

COMP-10

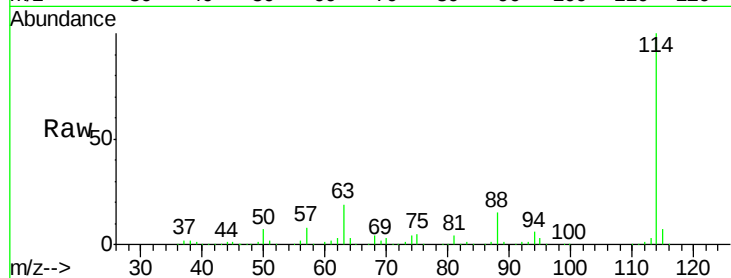
Tot Ion:114 Resp: 1204779

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.6

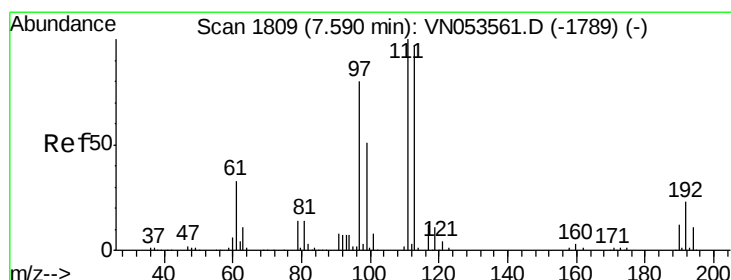
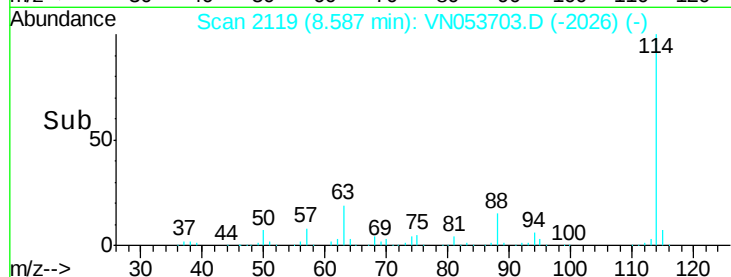
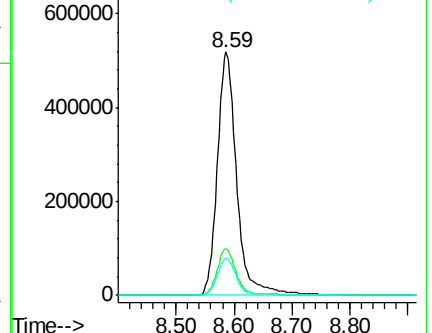
88 15.4 0.0 30.4



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



#35

Dibromofluoromethane

Concen: 50.153 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053703.D

Acq: 11 Feb 2019 14:33

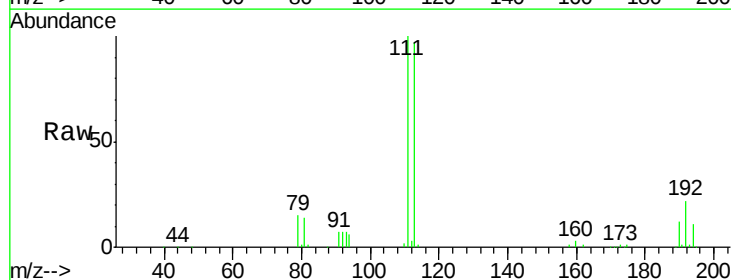
Tgt Ion:113 Resp: 381798

Ion Ratio Lower Upper

113 100

111 102.6 81.1 121.7

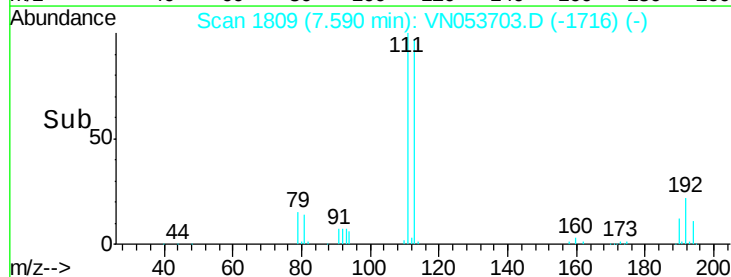
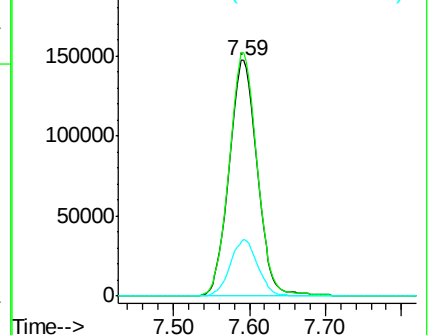
192 23.4 18.2 27.2

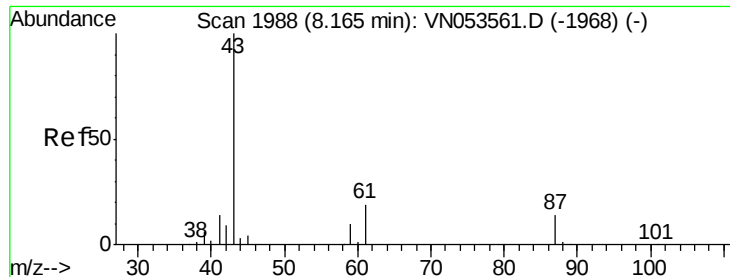


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.041 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN053703.D

Acq: 11 Feb 2019 14:33

Instrument :

MSVOA_N

ClientSampleId :

COMP-10

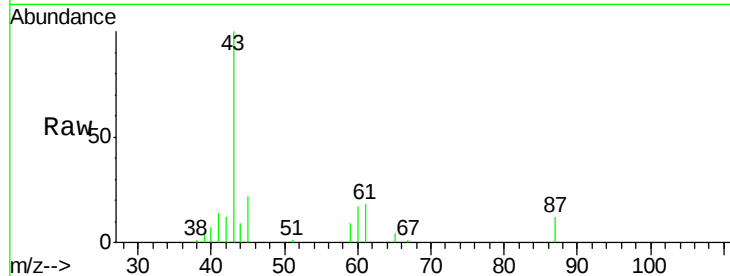
Tot Ion: 43 Resp: 35623

Ion Ratio Lower Upper

43 100

61 14.6 23.9 35.9#

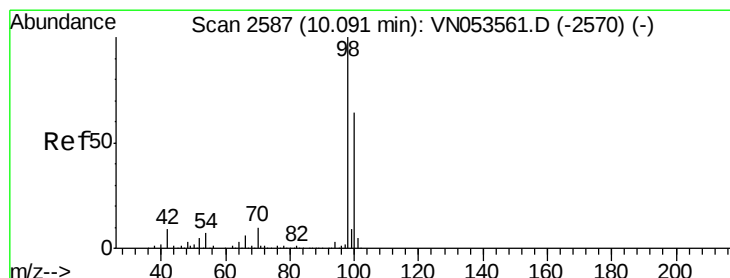
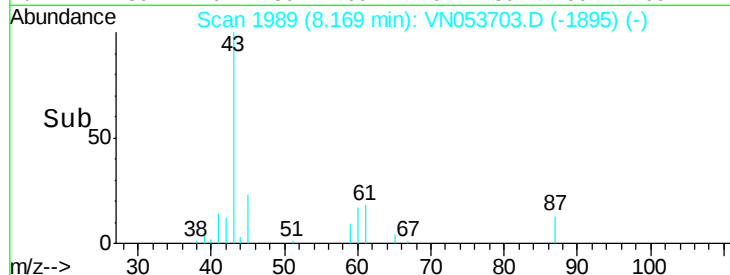
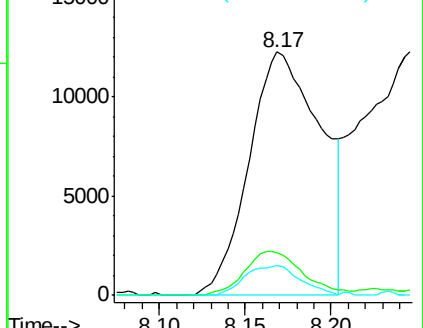
87 9.4 11.0 16.6#



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: 51.140 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053703.D

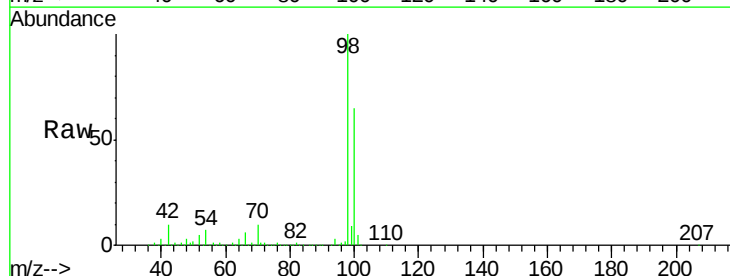
Acq: 11 Feb 2019 14:33

Tgt Ion: 98 Resp: 1461788

Ion Ratio Lower Upper

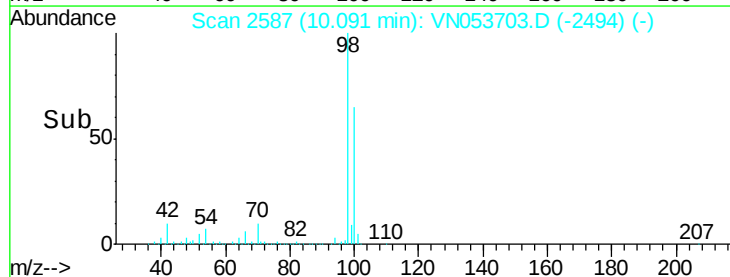
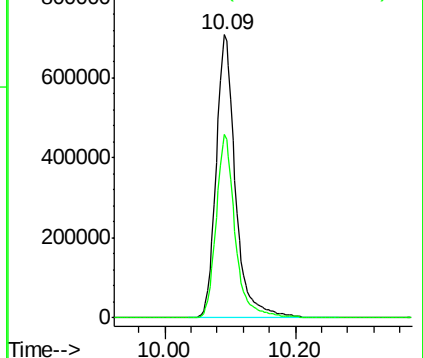
98 100

100 64.0 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: 50.359 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053703.D

Acq: 11 Feb 2019 14:33

Instrument :

MSVOA_N

ClientSampleId :

COMP-10

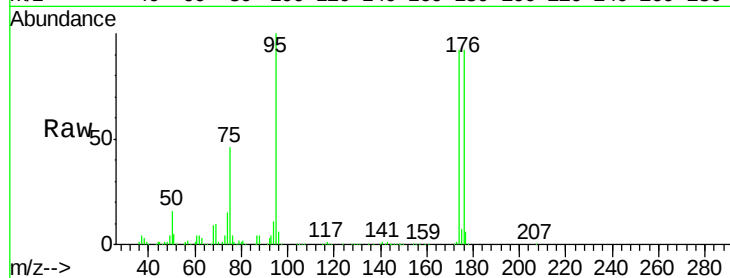
Tot Ion: 95 Resp: 480081

Ion Ratio Lower Upper

95 100

174 93.6 0.0 183.2

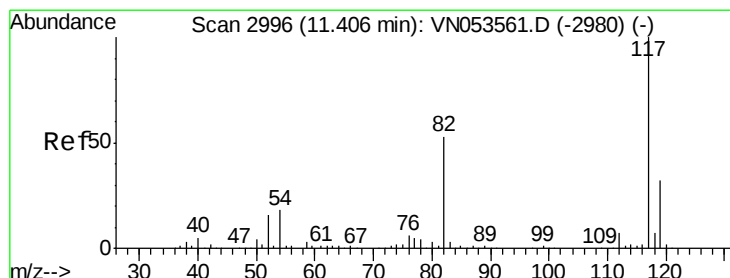
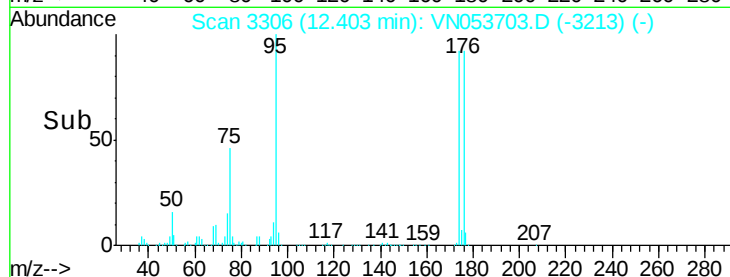
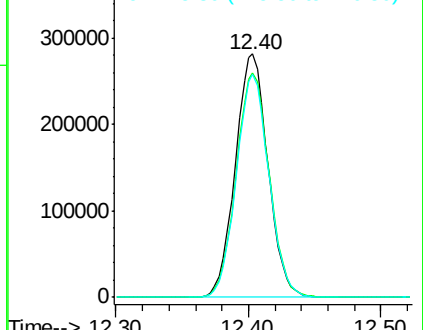
176 91.2 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053561.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053561.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053561.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053703.D

Acq: 11 Feb 2019 14:33

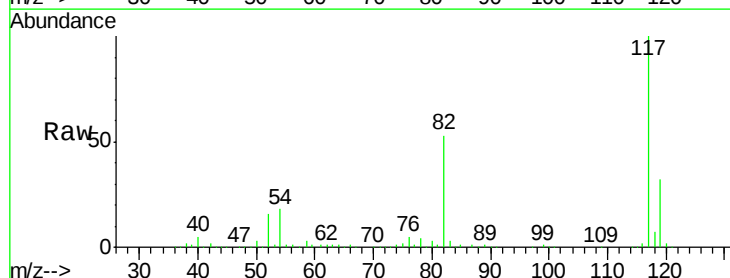
Tgt Ion: 117 Resp: 1107277

Ion Ratio Lower Upper

117 100

82 52.6 42.9 64.3

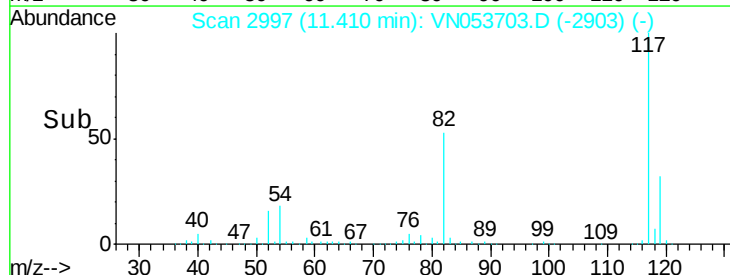
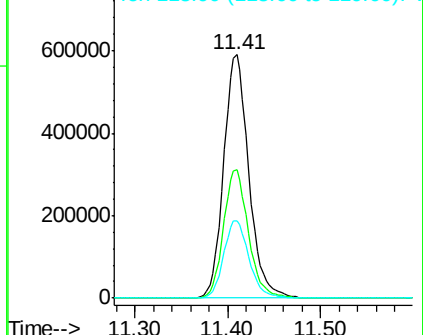
119 31.9 26.0 39.0

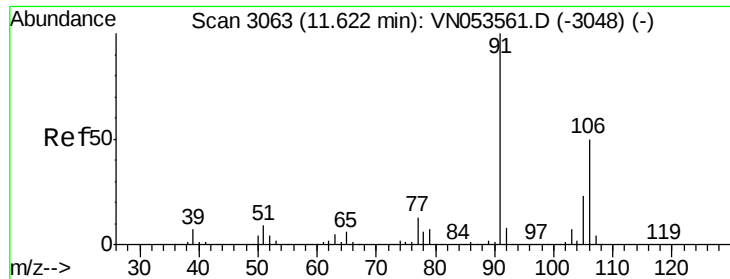


Abundance Ion 116.90 (116.60 to 117.60): VN053561.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053561.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053561.D (-2980) (-)

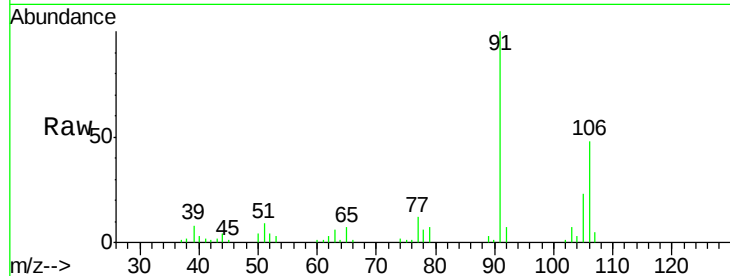




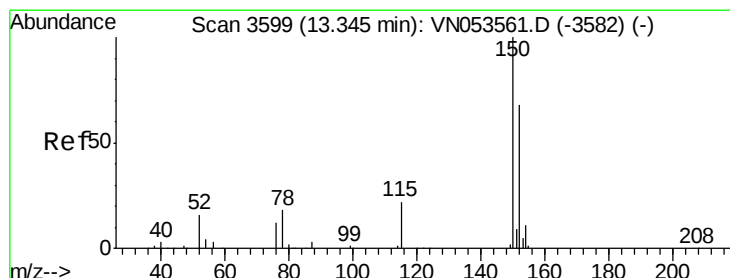
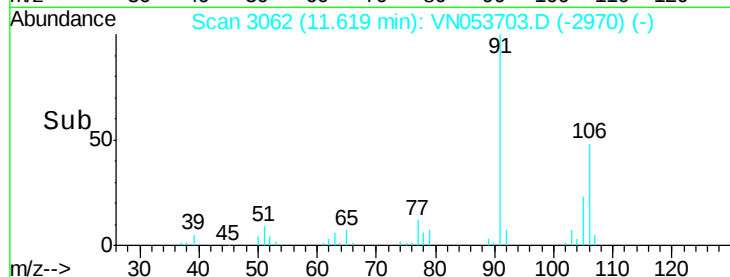
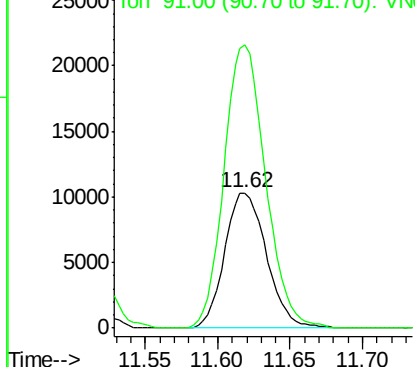
#68
m/p-Xvlenes
Concen: 1.402 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053703.D
Acq: 11 Feb 2019 14:33

Instrument :
MSVOA_N
ClientSampled :
COMP-10

Tot Ion:106 Resp: 20671
Ion Ratio Lower Upper
106 100
91 206.7 161.4 242.2

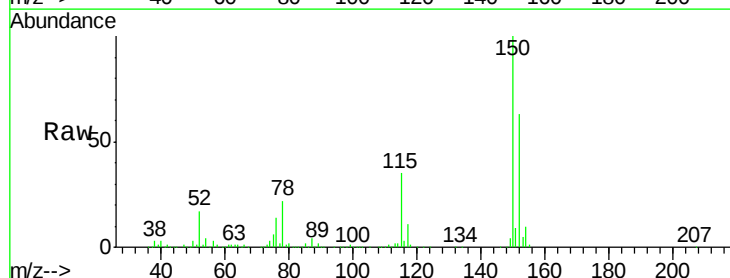


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

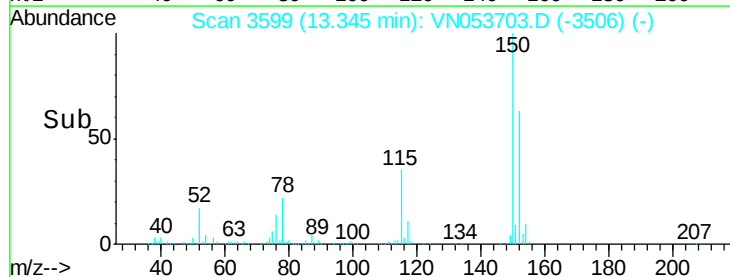
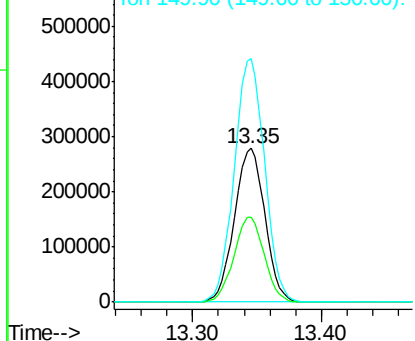


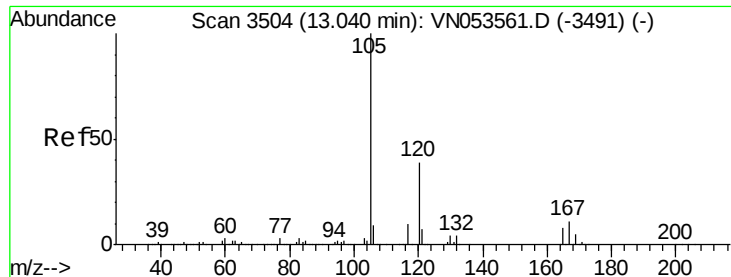
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053703.D
Acq: 11 Feb 2019 14:33

Tgt Ion:152 Resp: 457442
Ion Ratio Lower Upper
152 100
115 54.8 27.8 83.4
150 157.9 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





#84

1,2,4-Trimethylbenzene

Concen: 2.143 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053703.D

Acq: 11 Feb 2019 14:33

Instrument :

MSVOA_N

ClientSampleId :

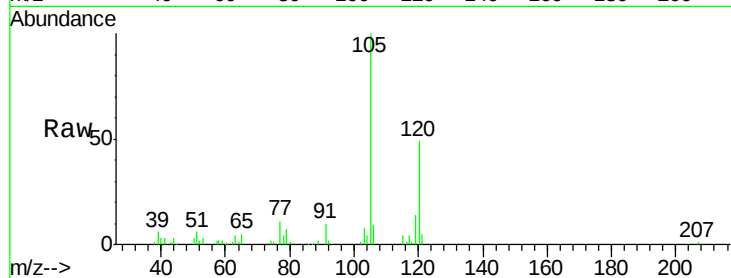
COMP-10

Tot Ion:105 Resp: 58221

Ion Ratio Lower Upper

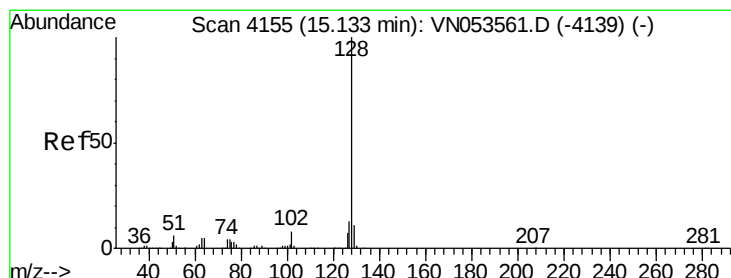
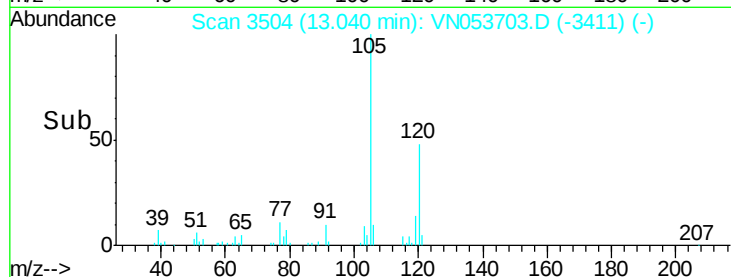
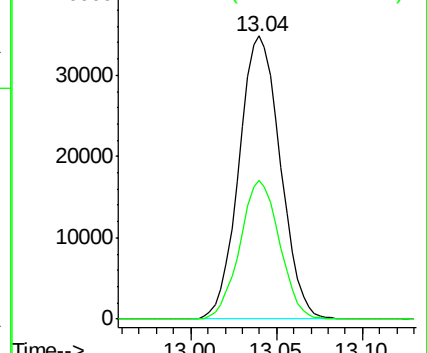
105 100

120 46.9 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 5.624 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053703.D

Acq: 11 Feb 2019 14:33

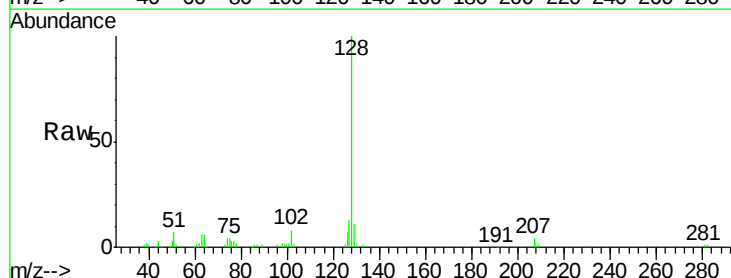
Tgt Ion:128 Resp: 80930

Ion Ratio Lower Upper

128 100

127 12.1 10.3 15.5

129 10.2 8.6 13.0



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

