

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021519\
 Data File : VN053799.D
 Acq On : 15 Feb 2019 14:51
 Operator : JC/SP
 Sample : K1490-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1-214

Quant Time: Feb 15 23:59:33 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

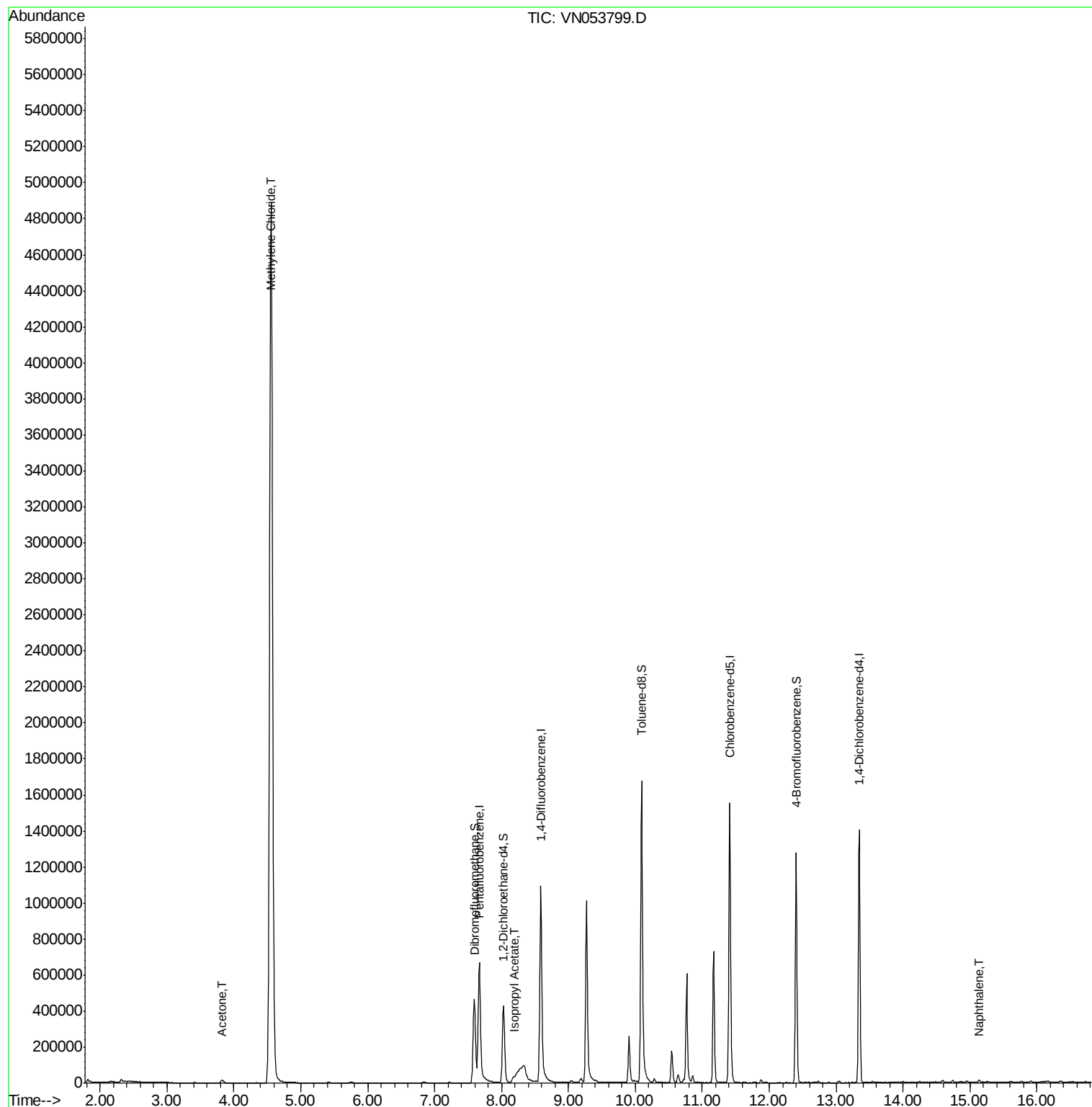
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	677055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1147117	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1048831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	415021	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	370888	54.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.22%	
35) Dibromofluoromethane	7.59	113	357524	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
50) Toluene-d8	10.09	98	1369290	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
62) 4-Bromofluorobenzene	12.40	95	449732	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
Target Compounds						
16) Acetone	3.82	43	26843	15.407	ug/l	98
20) Methylene Chloride	4.55	84	3935865	538.476	ug/l	98
43) Isopropyl Acetate	8.18	43	31967	2.866	ug/l #	78
95) Naphthalene	15.13	128	9332	2.230	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021519\
Data File : VN053799.D
Acq On : 15 Feb 2019 14:51
Operator : JC/SP
Sample : K1490-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-1-214

Quant Time: Feb 15 23:59:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 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: VN053799.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_N

ClientSampleId :

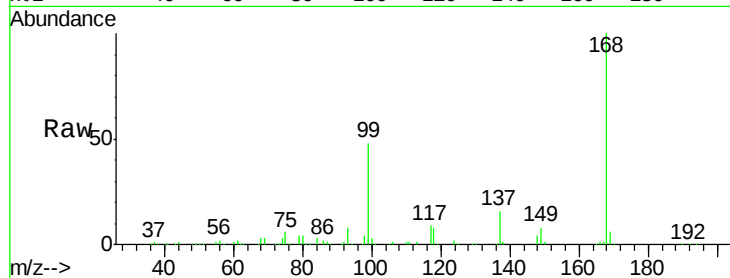
TP-1-214

Tot Ion:168 Resp: 677055

Ion Ratio Lower Upper

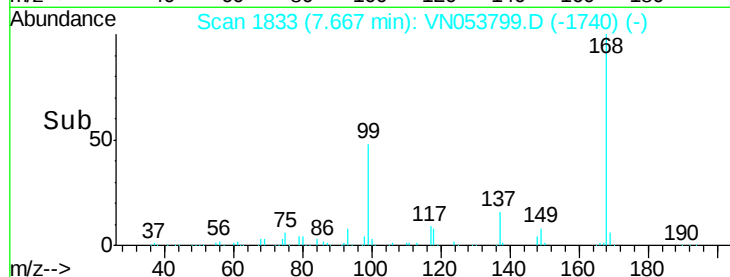
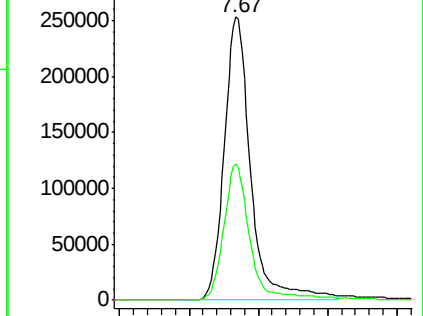
168 100

99 48.2 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: 15.407 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053799.D

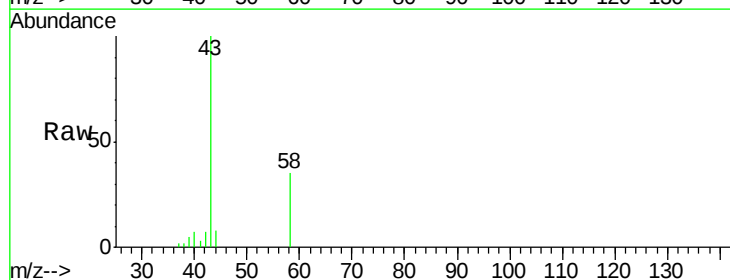
Acq: 15 Feb 2019 14:51

Tgt Ion: 43 Resp: 26843

Ion Ratio Lower Upper

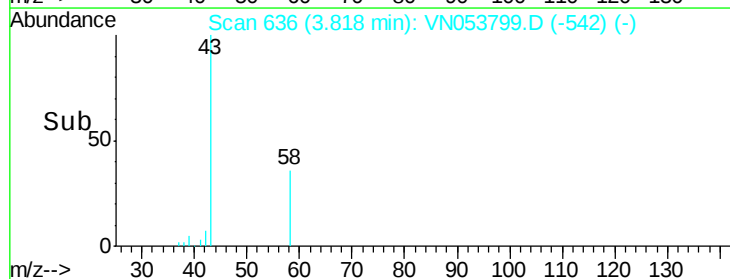
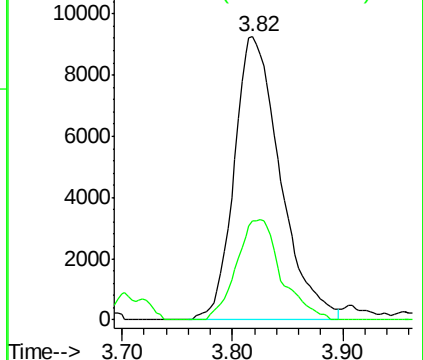
43 100

58 35.0 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

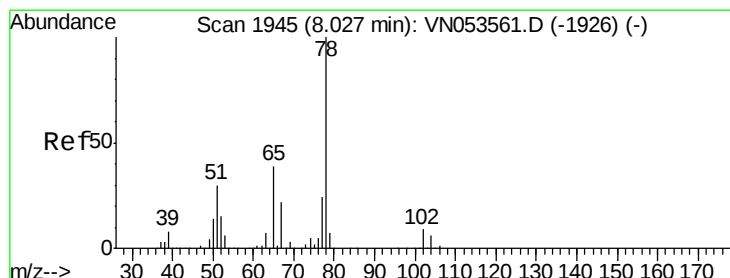
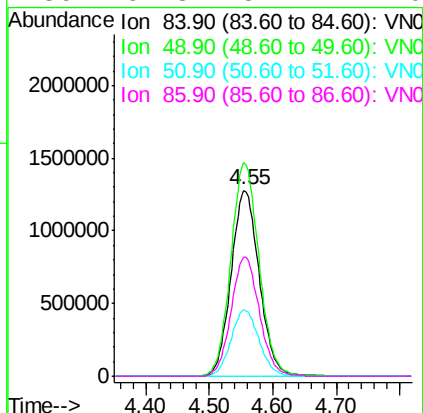
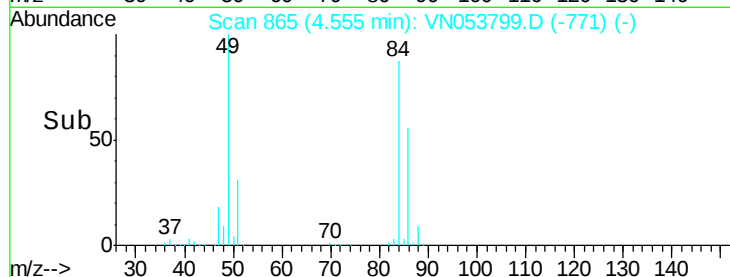
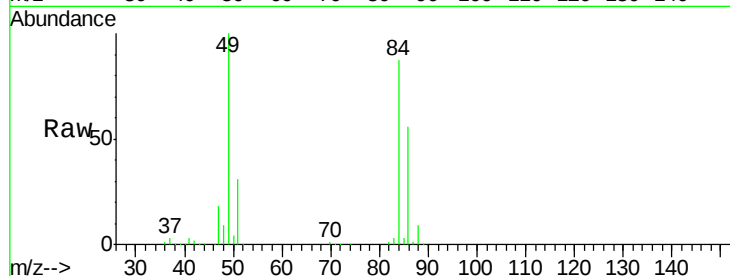




#20
Methvlene Chloride
Concen: 538.476 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053799.D
Acq: 15 Feb 2019 14:51

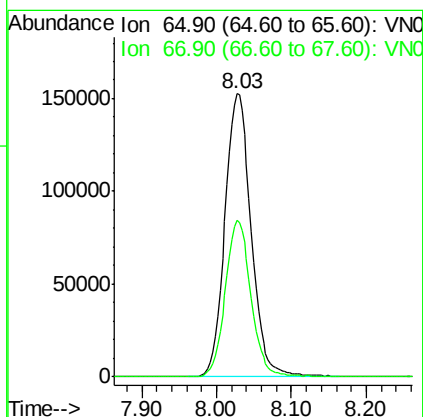
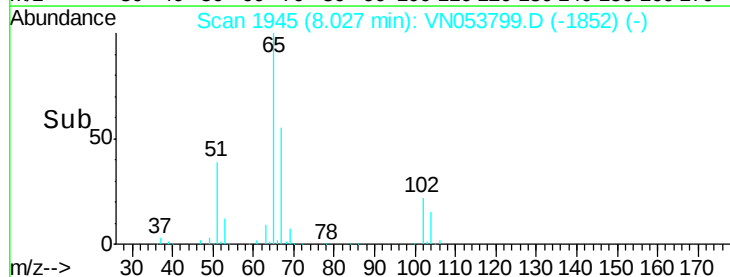
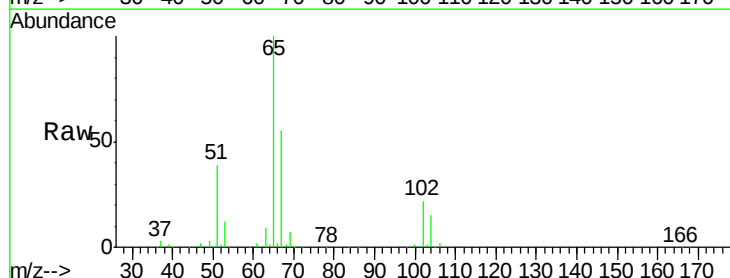
Instrument :
MSVOA_N
ClientSampled :
TP-1-214

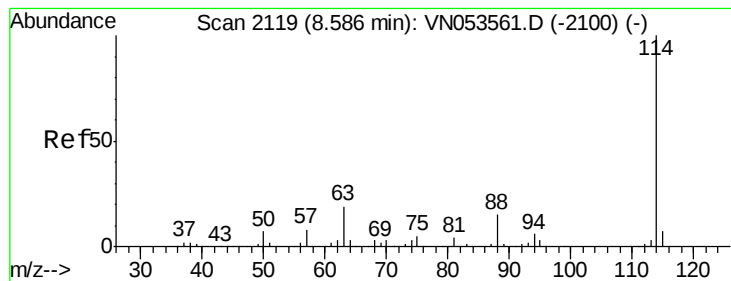
Tot Ion: 84 Resp: 3935865
Ion Ratio Lower Upper
84 100
49 115.1 94.3 141.5
51 35.8 29.4 44.2
86 64.3 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 54.605 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053799.D
Acq: 15 Feb 2019 14:51

Tgt Ion: 65 Resp: 370888
Ion Ratio Lower Upper
65 100
67 54.0 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: VN053799.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_N

ClientSampleId :

TP-1-214

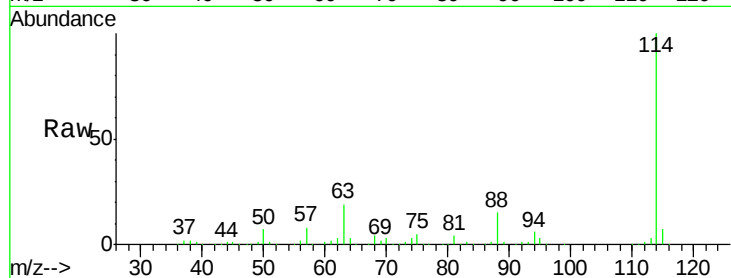
Tot Ion:114 Resp: 1147117

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.6

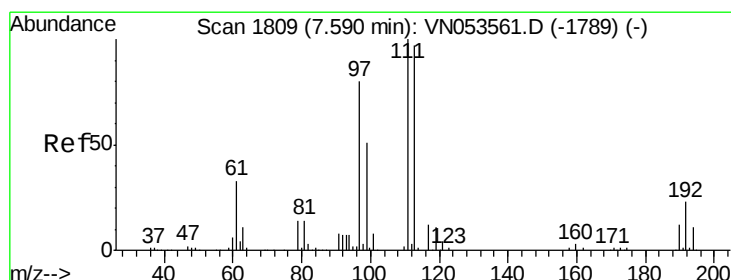
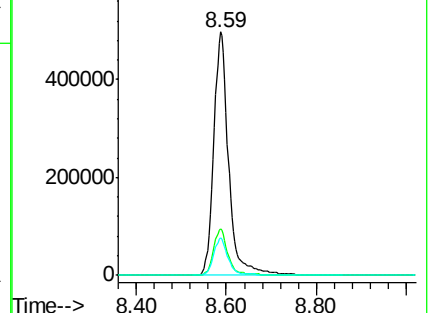
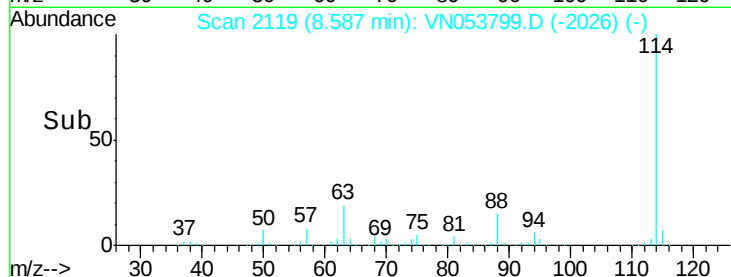
88 15.2 0.0 30.4



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: 49.325 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053799.D

Acq: 15 Feb 2019 14:51

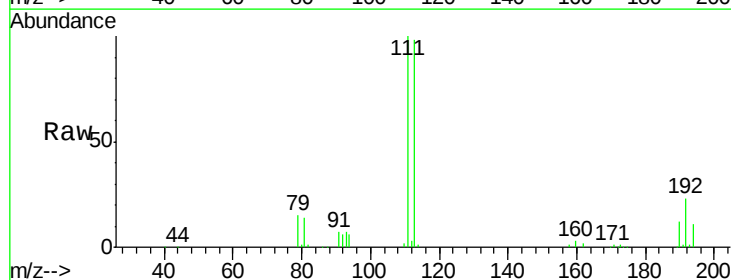
Tgt Ion:113 Resp: 357524

Ion Ratio Lower Upper

113 100

111 103.8 81.1 121.7

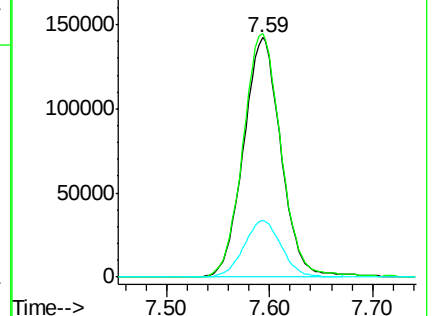
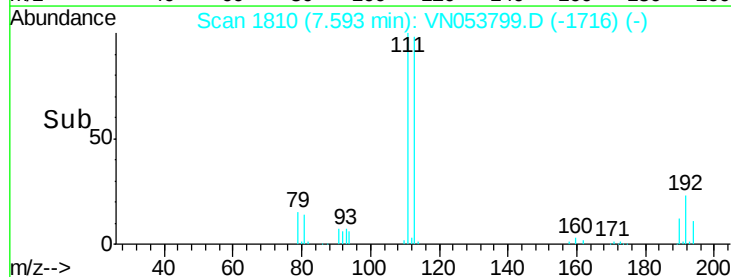
192 23.9 18.2 27.2

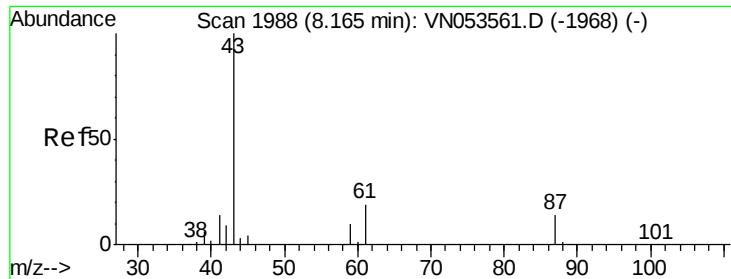


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.866 ug/l

RT: 8.18 min Scan# 1992

Delta R.T. 0.01 min

Lab File: VN053799.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_N

ClientSampled :

TP-1-214

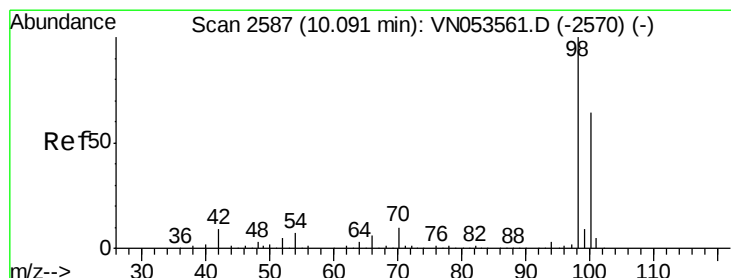
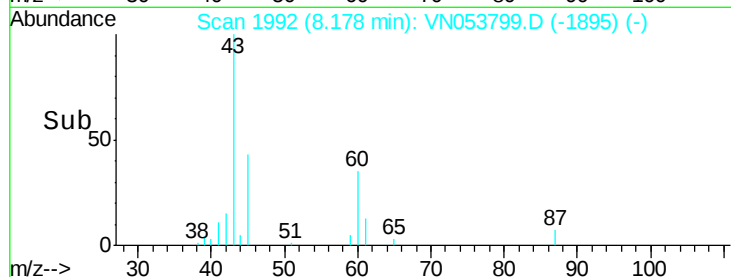
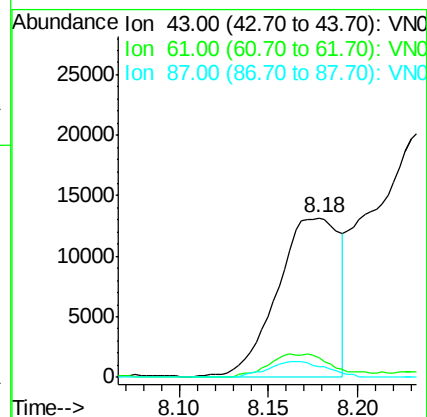
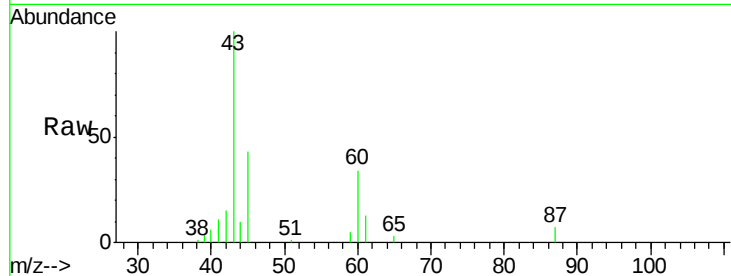
Tot Ion: 43 Resp: 31967

Ion Ratio Lower Upper

43 100

61 15.4 23.9 35.9#

87 9.2 11.0 16.6#



#50

Toluene-d8

Concen: 50.312 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053799.D

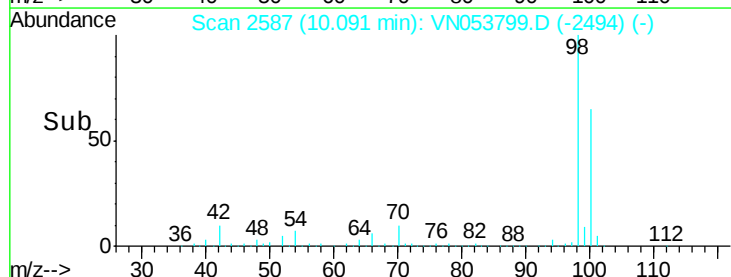
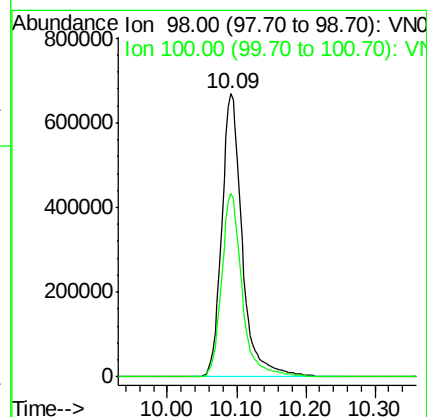
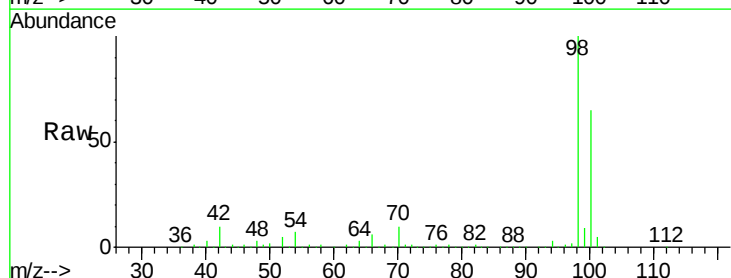
Acq: 15 Feb 2019 14:51

Tgt Ion: 98 Resp: 1369290

Ion Ratio Lower Upper

98 100

100 64.7 51.4 77.0





#62

4-Bromofluorobenzene

Concen: 49.546 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053799.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_N

ClientSampleId :

TP-1-214

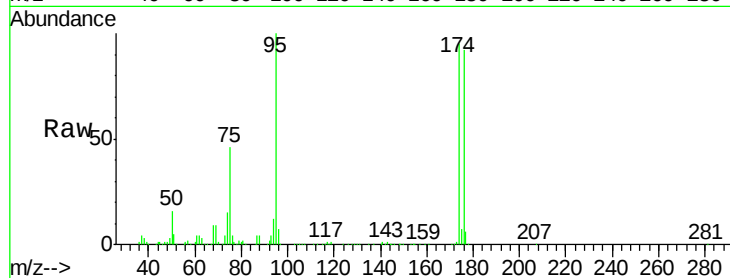
Tot Ion: 95 Resp: 449732

Ion Ratio Lower Upper

95 100

174 94.2 0.0 183.2

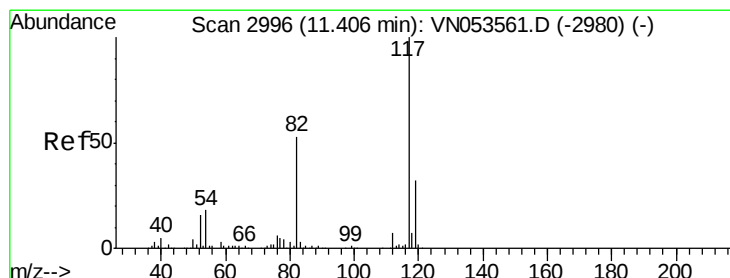
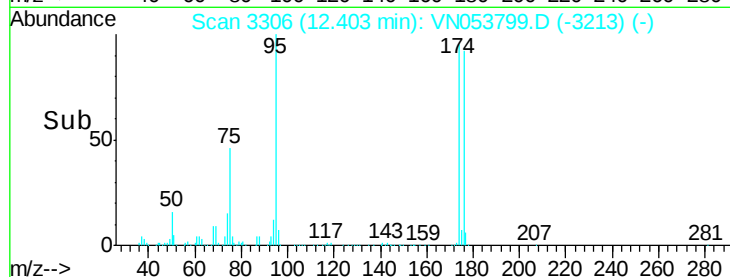
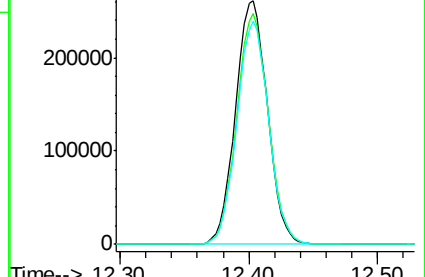
176 90.9 0.0 177.4



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: VN053799.D

Acq: 15 Feb 2019 14:51

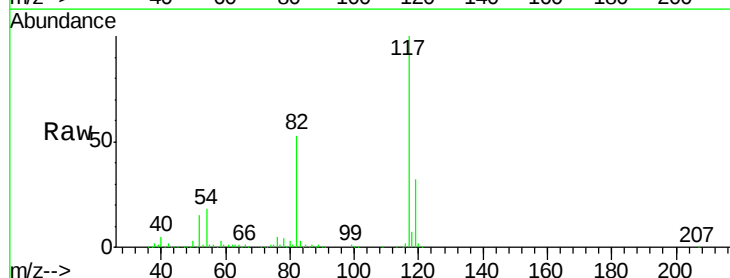
Tgt Ion: 117 Resp: 1048831

Ion Ratio Lower Upper

117 100

82 52.9 42.9 64.3

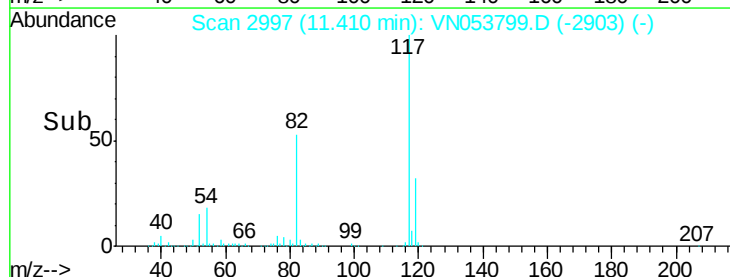
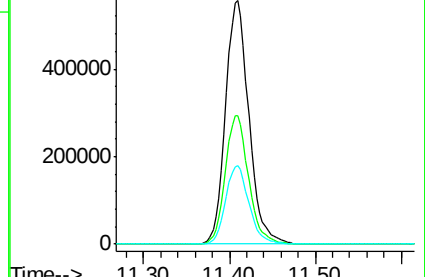
119 32.5 26.0 39.0

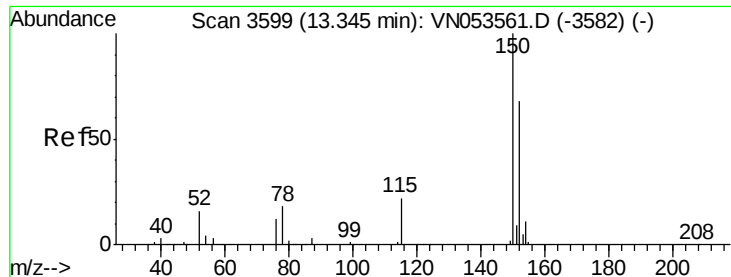


Abundance Ion 116.90 (116.60 to 117.60): VN053561.D (-2980) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053799.D

Acq: 15 Feb 2019 14:51

Instrument :

MSVOA_N

ClientSampled :

TP-1-214

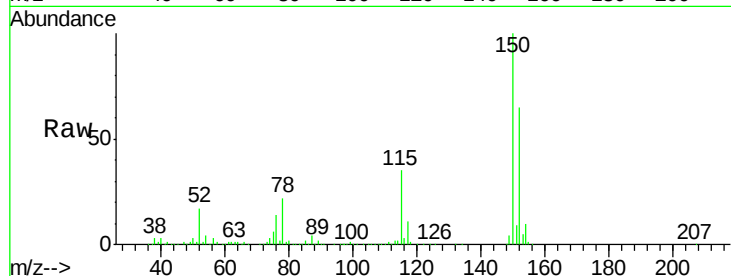
Tot Ion:152 Resp: 415021

Ion Ratio Lower Upper

152 100

115 55.1 27.8 83.4

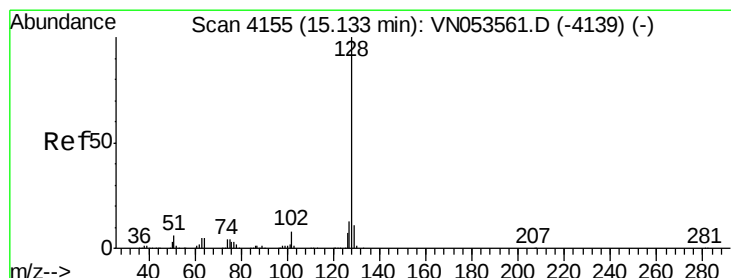
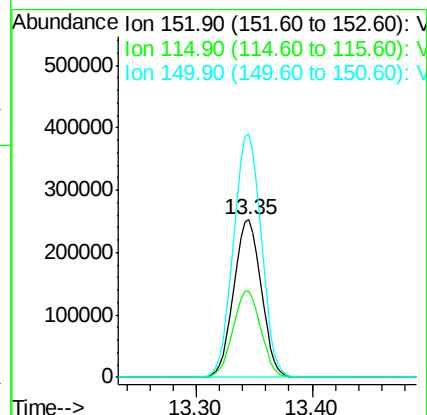
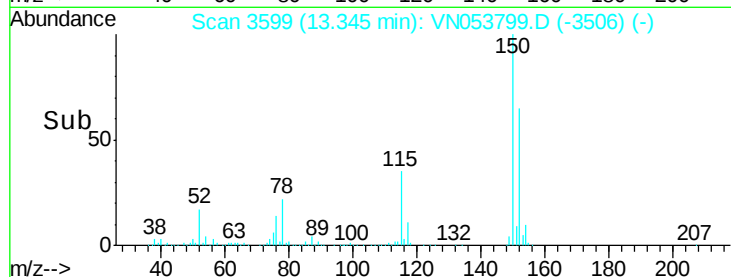
150 155.8 0.0 349.0



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



#95

Naphthalene

Concen: 2.230 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053799.D

Acq: 15 Feb 2019 14:51

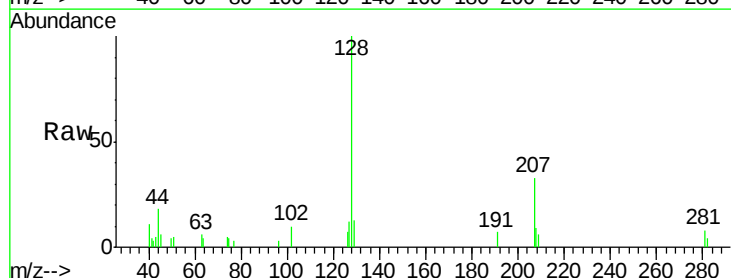
Tgt Ion:128 Resp: 9332

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 9.4 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

