

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021219\
 Data File : VN053729.D
 Acq On : 12 Feb 2019 14:39
 Operator : JC/SP
 Sample : K1458-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-1

Quant Time: Feb 13 05:10:29 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	710708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1196687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1093343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	433869	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	383091	53.73	ug/l	0.00
Spiked Amount			Recovery	=	107.46%	
35) Dibromofluoromethane	7.59	113	376355	49.77	ug/l	0.00
Spiked Amount			Recovery	=	99.54%	
50) Toluene-d8	10.09	98	1451528	51.12	ug/l	0.00
Spiked Amount			Recovery	=	102.24%	
62) 4-Bromofluorobenzene	12.40	95	469327	49.56	ug/l	0.00
Spiked Amount			Recovery	=	99.12%	

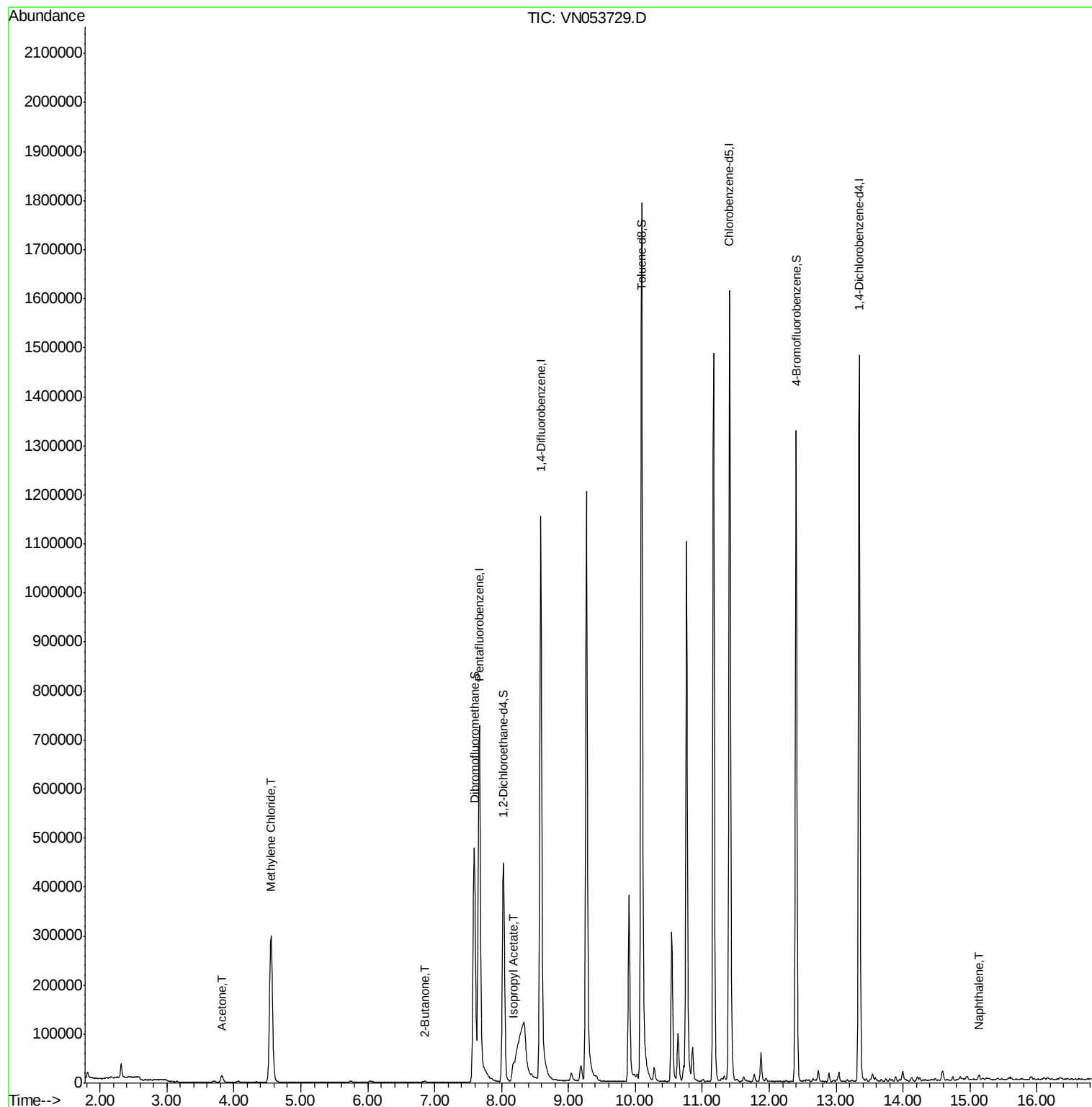
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	25613	14.005	ug/l	97
20) Methylene Chloride	4.55	84	240616	31.361	ug/l	99
25) 2-Butanone	6.84	43	5345	2.049	ug/l	98
43) Isopropyl Acetate	8.17	43	46118	3.964	ug/l #	74
95) Naphthalene	15.13	128	10193	2.253	ug/l	97

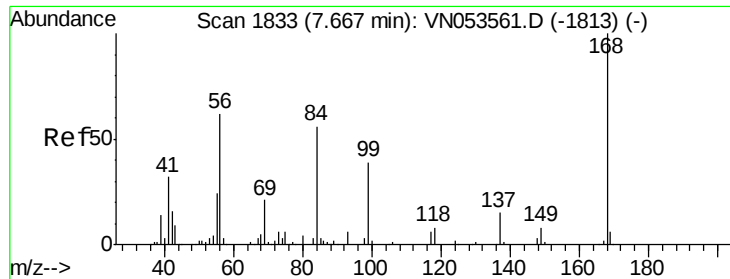
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021219\
Data File : VN053729.D
Acq On : 12 Feb 2019 14:39
Operator : JC/SP
Sample : K1458-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
WC-1

Quant Time: Feb 13 05:10:29 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: VN053729.D

Acq: 12 Feb 2019 14:39

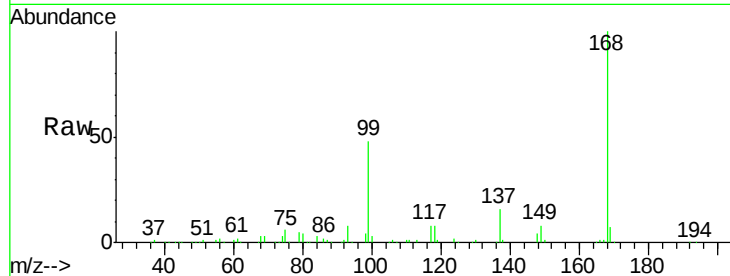
Instrument :
MSVOA_N
ClientSampled :
WC-1

Tot Ion:168 Resp: 710708

Ion Ratio Lower Upper

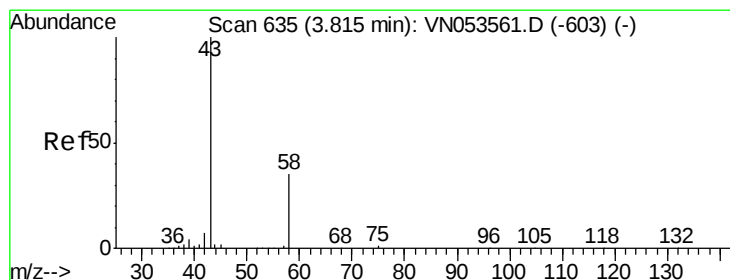
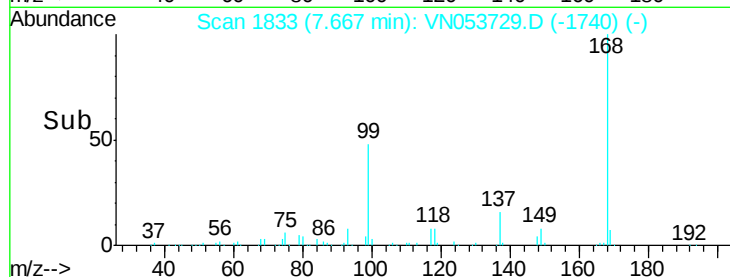
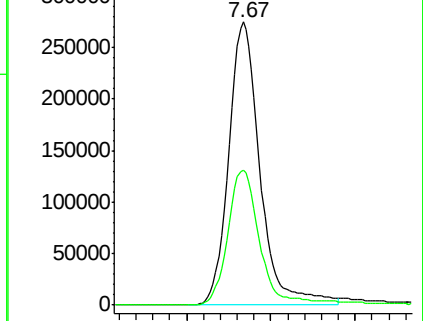
168 100

99 47.8 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: 14.005 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053729.D

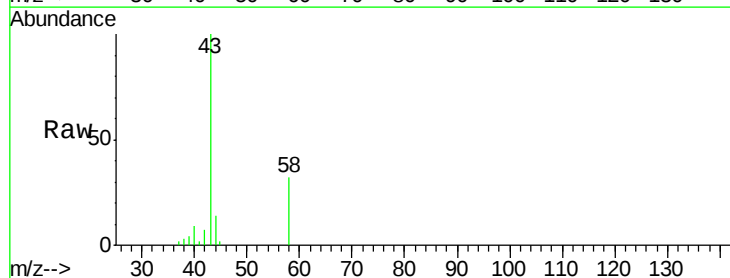
Acq: 12 Feb 2019 14:39

Tgt Ion: 43 Resp: 25613

Ion Ratio Lower Upper

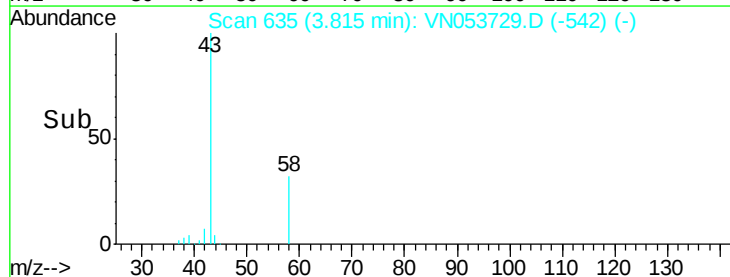
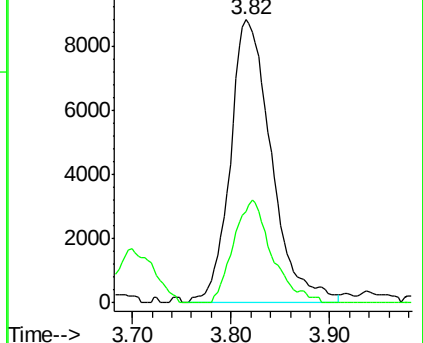
43 100

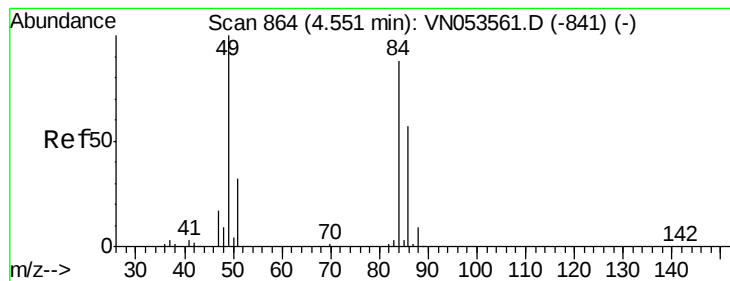
58 32.3 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methvlene Chloride

Concen: 31.361 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN053729.D

Acq: 12 Feb 2019 14:39

Instrument :

MSVOA_N

ClientSampled :

WC-1

Tot Ion: 84 Resp: 240616

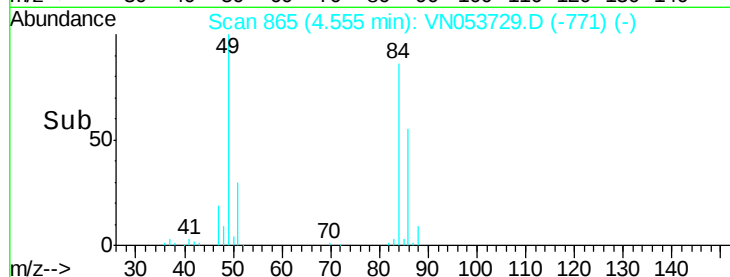
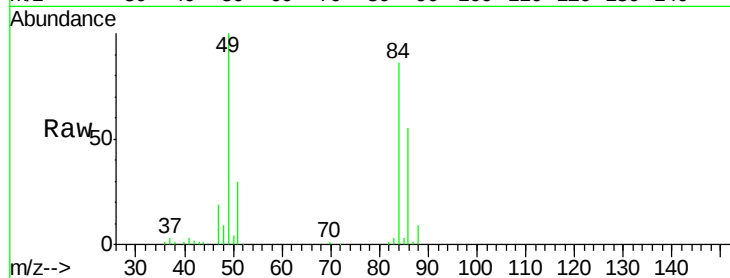
Ion Ratio Lower Upper

84 100

49 116.2 94.3 141.5

51 34.9 29.4 44.2

86 63.9 51.4 77.0

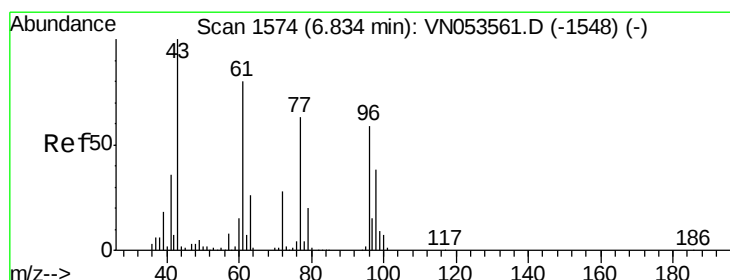
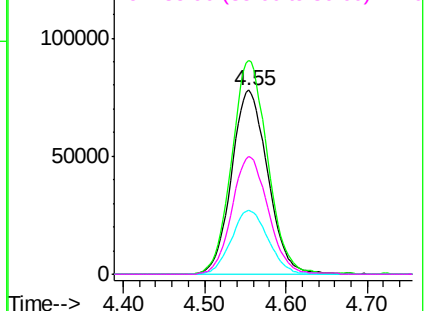


Abundance Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

Ion 50.90 (50.60 to 51.60): VNC

Ion 85.90 (85.60 to 86.60): VNC



#25

2-Butanone

Concen: 2.049 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.01 min

Lab File: VN053729.D

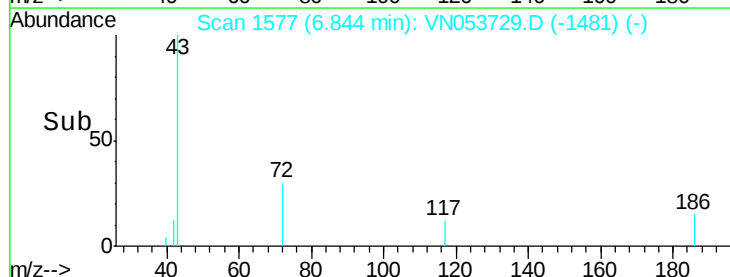
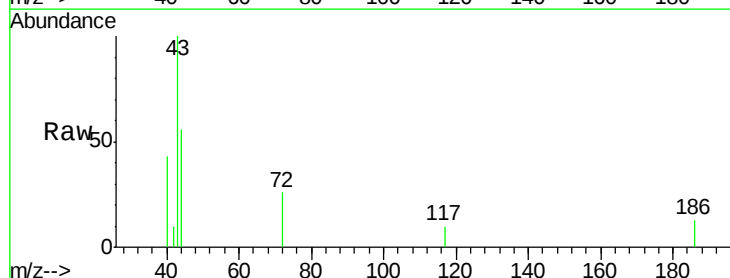
Acq: 12 Feb 2019 14:39

Tgt Ion: 43 Resp: 5345

Ion Ratio Lower Upper

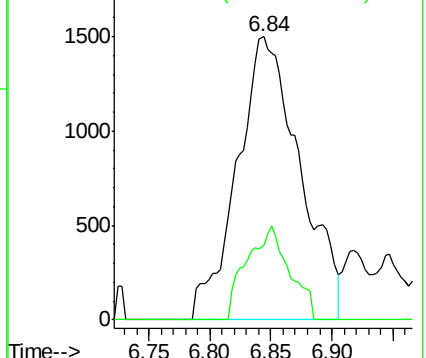
43 100

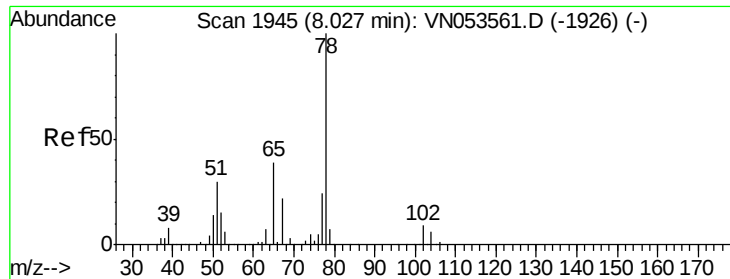
72 26.2 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 72.00 (71.70 to 72.70): VNC





#33

1,2-Dichloroethane-d4

Concen: 53.731 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053729.D

Acq: 12 Feb 2019 14:39

Instrument :

MSVOA_N

ClientSampleId :

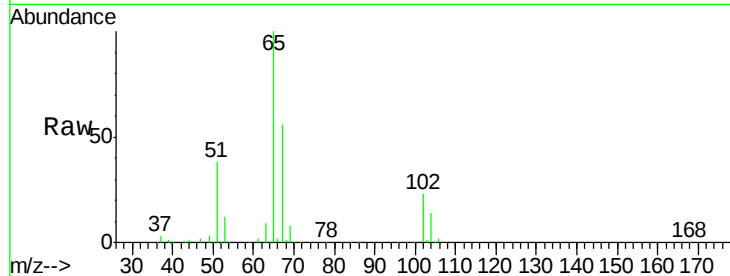
WC-1

Tot Ion: 65 Resp: 383091

Ion Ratio Lower Upper

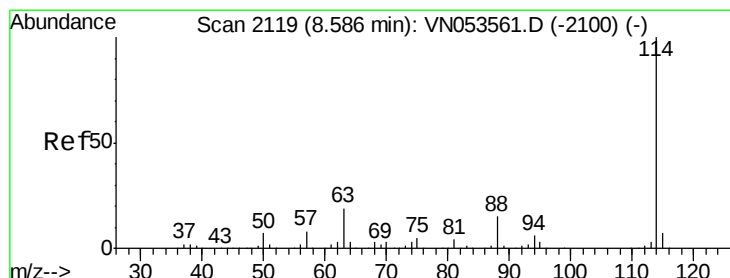
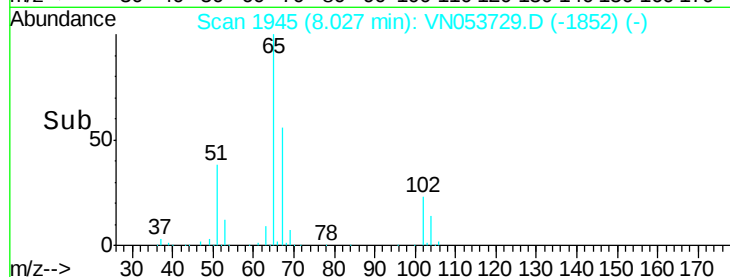
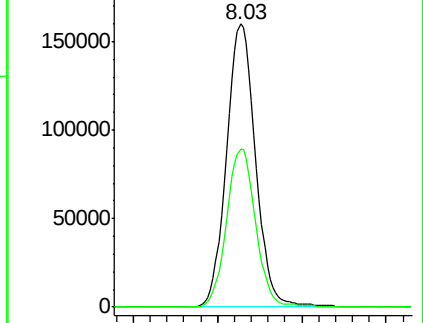
65 100

67 56.2 0.0 111.2



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: VN053729.D

Acq: 12 Feb 2019 14:39

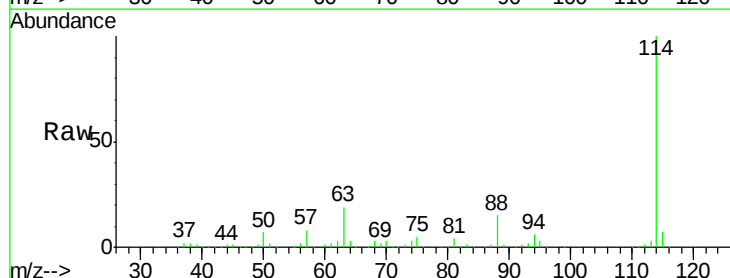
Tgt Ion: 114 Resp: 1196687

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.6

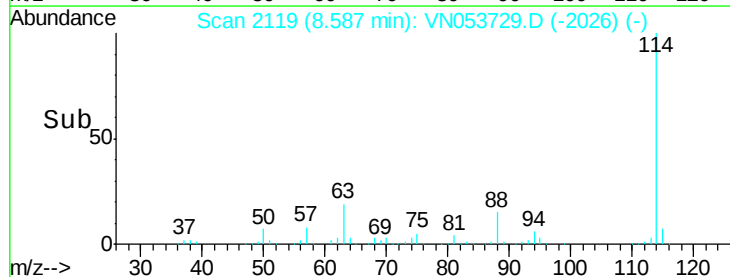
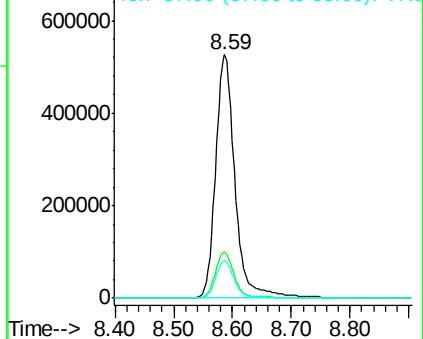
88 15.5 0.0 30.4

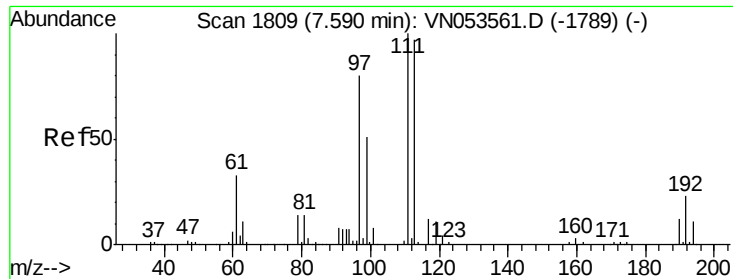


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

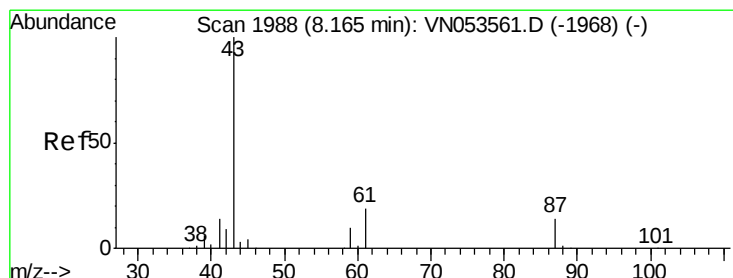
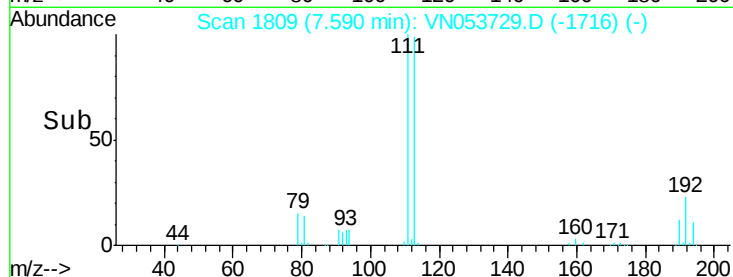
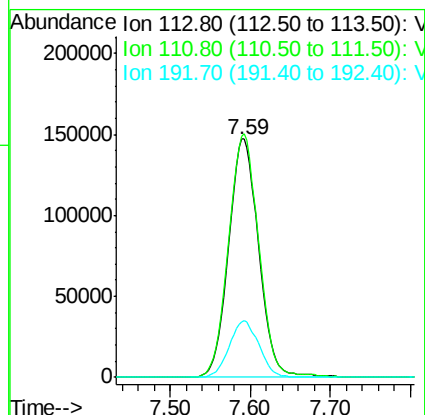
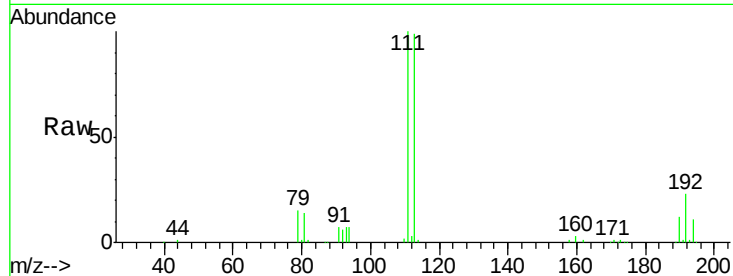




#35
 Dibromofluoromethane
 Concen: 49.772 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053729.D
 Acq: 12 Feb 2019 14:39

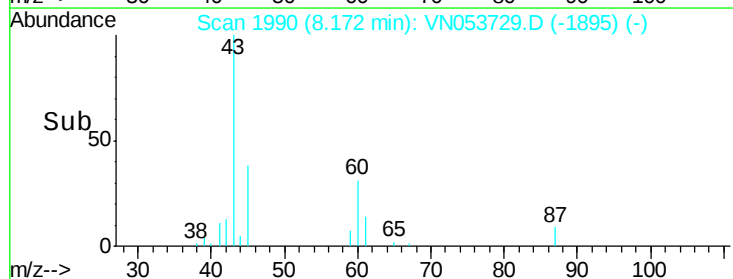
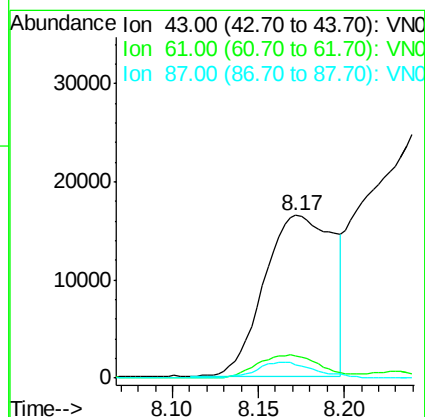
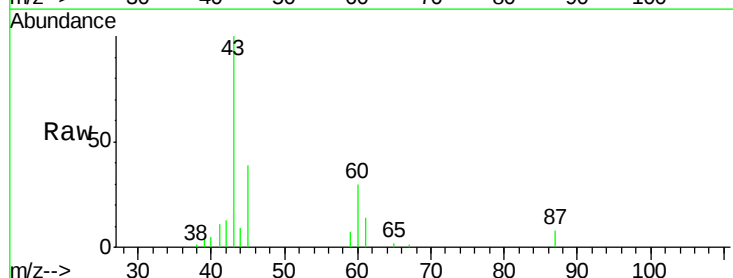
Instrument :
 MSVOA_N
 ClientSampled :
 WC-1

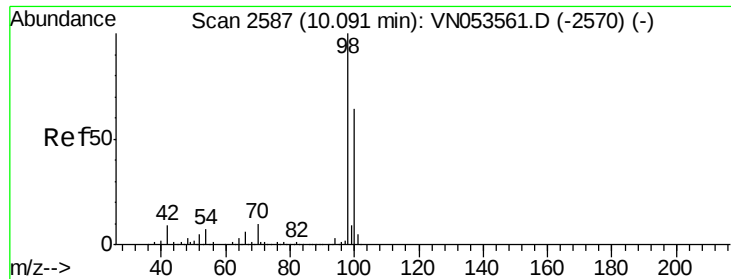
Tot Ion:113 Resp: 376355
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.1 121.7
 192 23.3 18.2 27.2



#43
 Isopropyl Acetate
 Concen: 3.964 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: VN053729.D
 Acq: 12 Feb 2019 14:39

Tgt Ion: 43 Resp: 46118
 Ion Ratio Lower Upper
 43 100
 61 12.8 23.9 35.9#
 87 8.2 11.0 16.6#





#50

Toluene-d8

Concen: 51.125 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053729.D

Acq: 12 Feb 2019 14:39

Instrument :

MSVOA_N

ClientSampled :

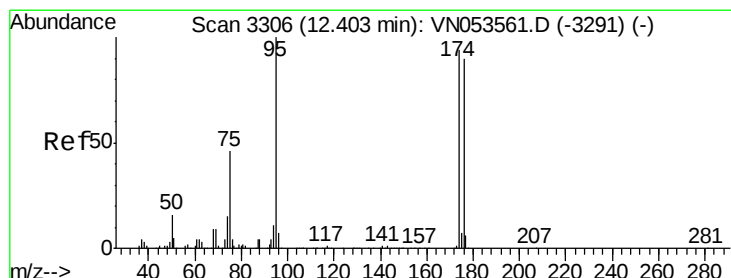
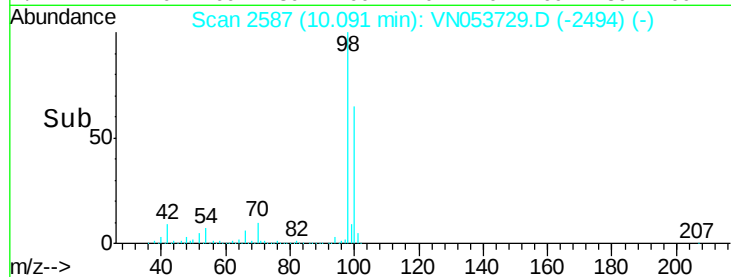
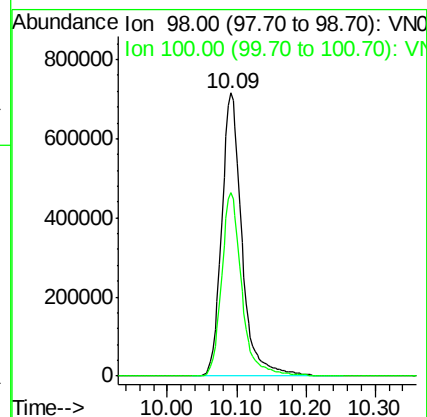
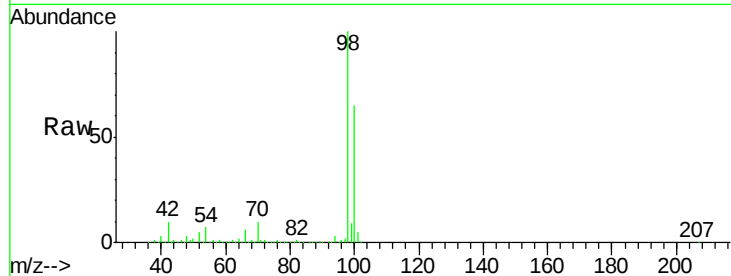
WC-1

Tot Ion: 98 Resp: 1451528

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 49.563 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053729.D

Acq: 12 Feb 2019 14:39

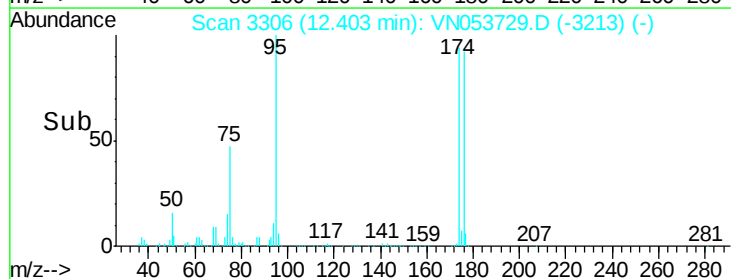
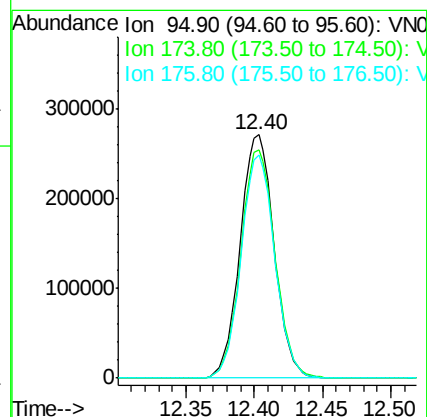
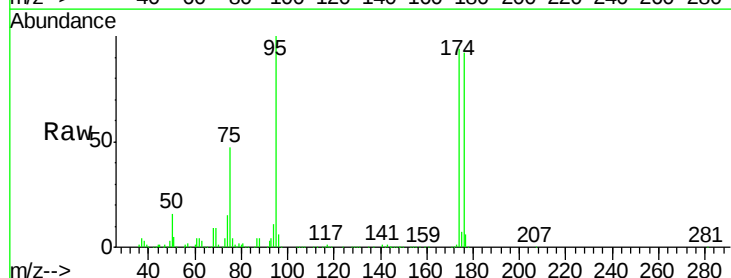
Tgt Ion: 95 Resp: 469327

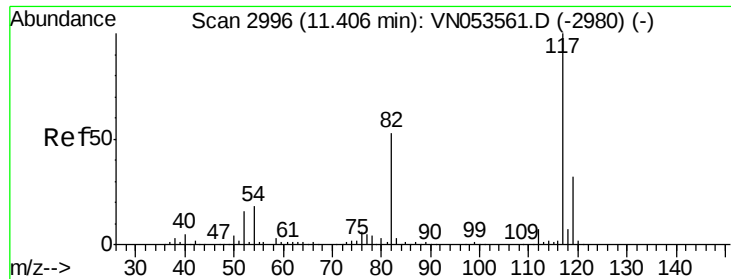
Ion Ratio Lower Upper

95 100

174 94.2 0.0 183.2

176 90.7 0.0 177.4

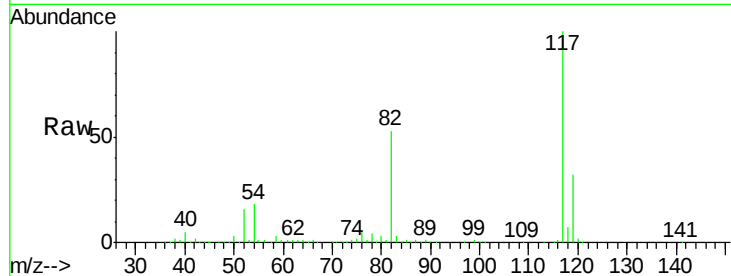




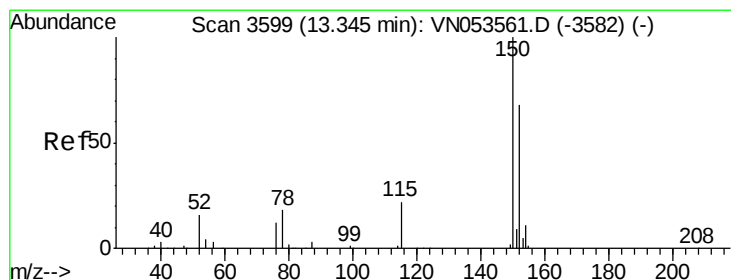
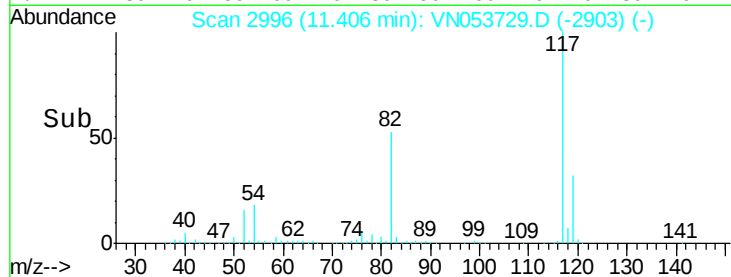
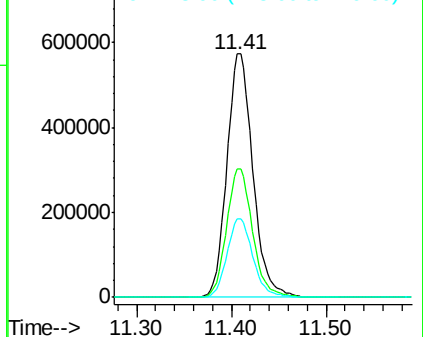
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053729.D
Acq: 12 Feb 2019 14:39

Instrument :
MSVOA_N
ClientSampled :
WC-1

Tot Ion:117 Resp: 1093343
Ion Ratio Lower Upper
117 100
82 52.9 42.9 64.3
119 32.4 26.0 39.0

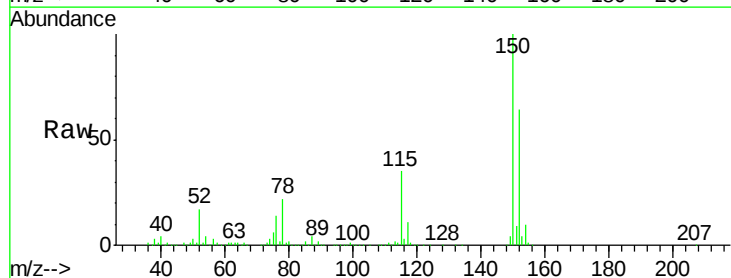


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

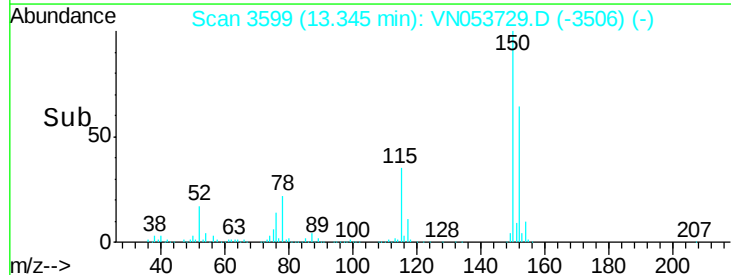
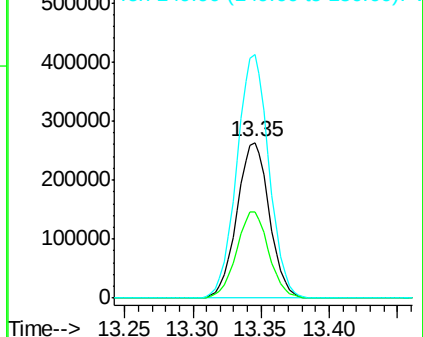


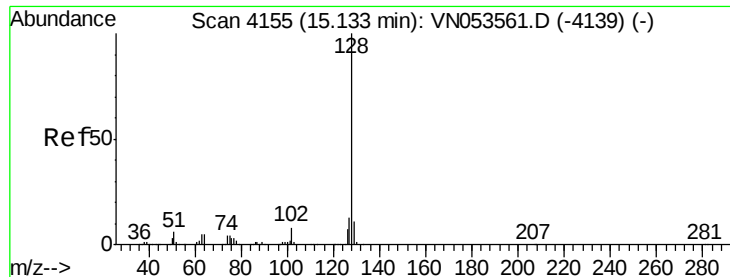
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053729.D
Acq: 12 Feb 2019 14:39

Tgt Ion:152 Resp: 433869
Ion Ratio Lower Upper
152 100
115 55.0 27.8 83.4
150 155.3 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: 2.253 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053729.D

Acq: 12 Feb 2019 14:39

Instrument :

MSVOA_N

ClientSampleId :

WC-1

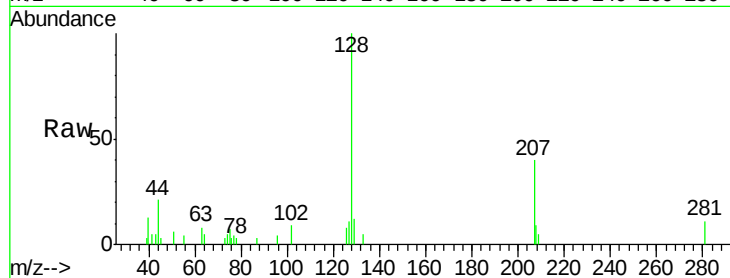
Tot Ion:128 Resp: 10193

Ion Ratio Lower Upper

128 100

127 11.3 10.3 15.5

129 11.2 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

