

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022619\
 Data File : VN053968.D
 Acq On : 26 Feb 2019 21:05
 Operator : JC/SP
 Sample : K1610-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WV-A

Quant Time: Feb 27 03:36:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 05:37:40 2019
 Response via : Initial Calibration

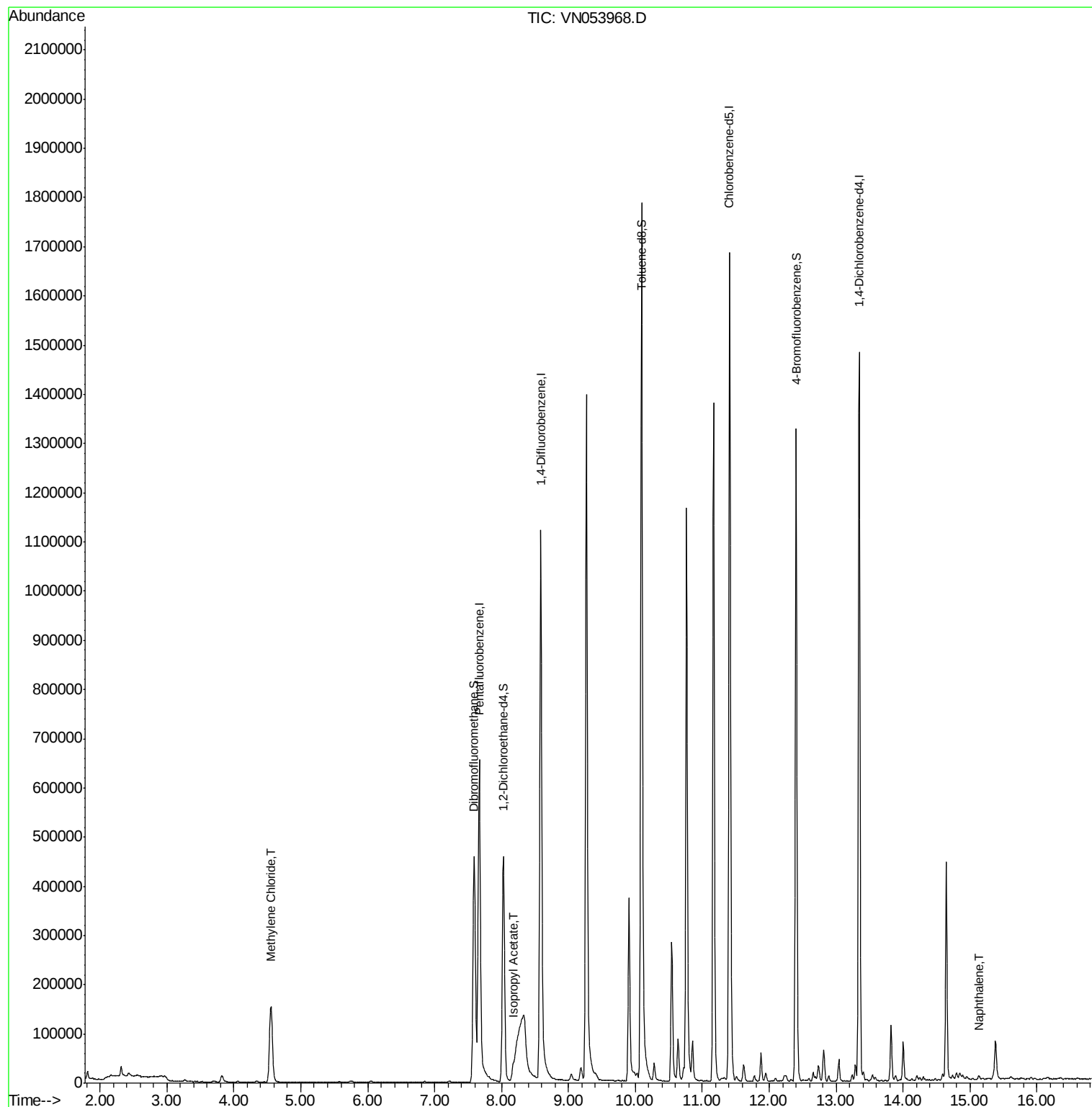
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	610390	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1111108	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1082188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	415057	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	391834	54.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.52%	
35) Dibromofluoromethane	7.59	113	355121	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
50) Toluene-d8	10.09	98	1399752	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.66%	
62) 4-Bromofluorobenzene	12.40	95	473427	53.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.26%	
Target Compounds						
20) Methylene Chloride	4.55	84	119771	16.913	ug/l	92
43) Isopropyl Acetate	8.17	43	34091	2.737	ug/l #	91
95) Naphthalene	15.13	128	7622	3.646	ug/l #	94

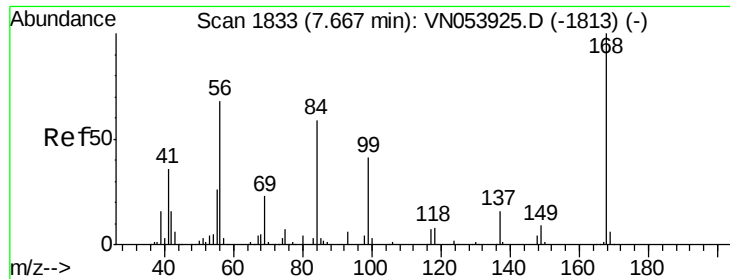
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053968.D

Acq: 26 Feb 2019 21:05

Instrument :

MSVOA_N

ClientSampled :

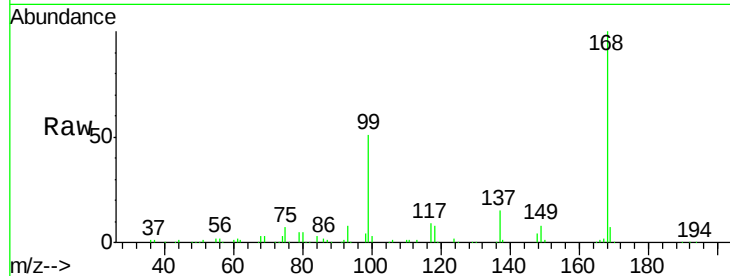
WV-A

Tgt Ion:168 Resp: 610390

Ion Ratio Lower Upper

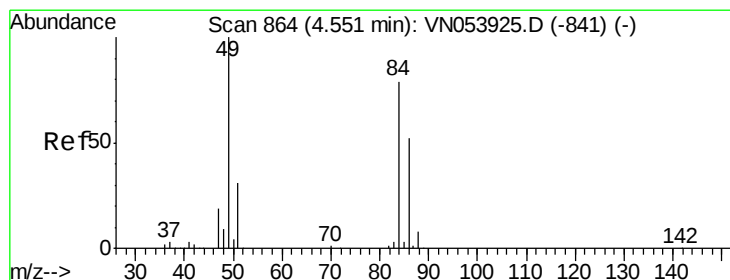
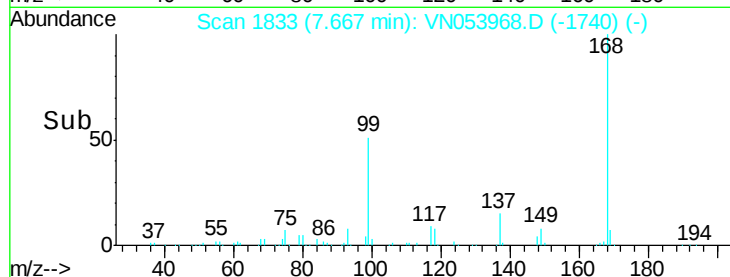
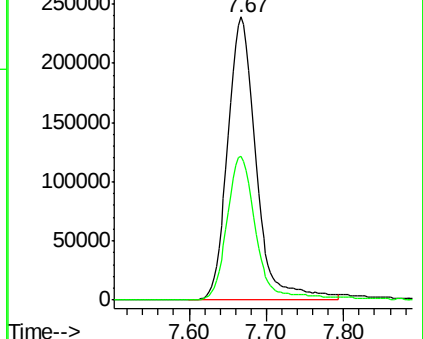
168 100

99 50.8 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 16.913 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN053968.D

Acq: 26 Feb 2019 21:05

Tgt Ion: 84 Resp: 119771

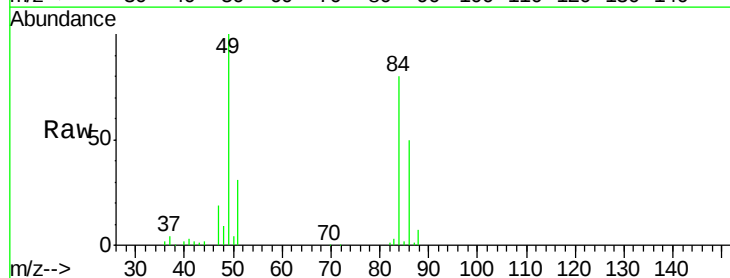
Ion Ratio Lower Upper

84 100

49 125.0 89.7 134.5

51 39.5 27.8 41.8

86 62.9 51.3 76.9

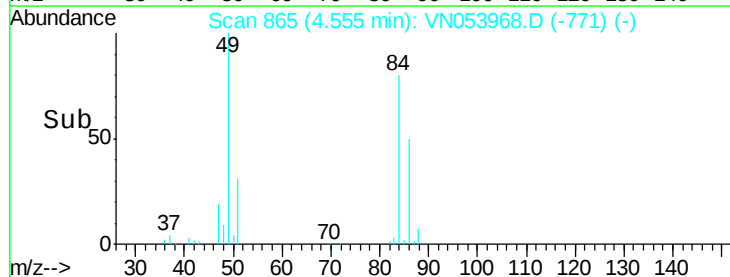
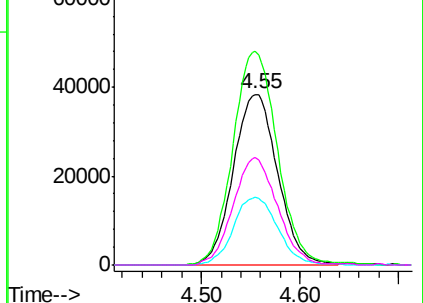


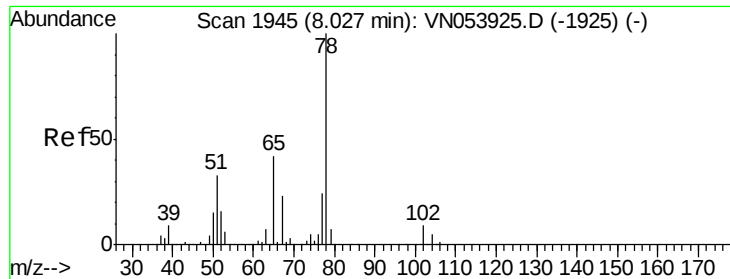
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

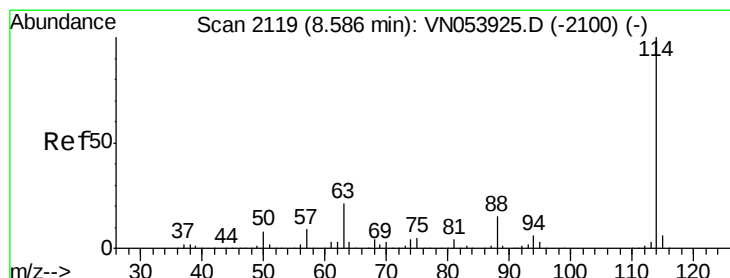
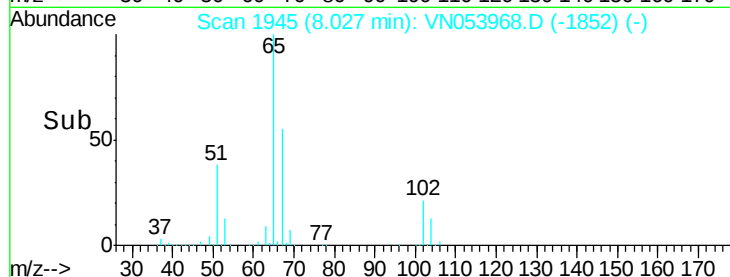
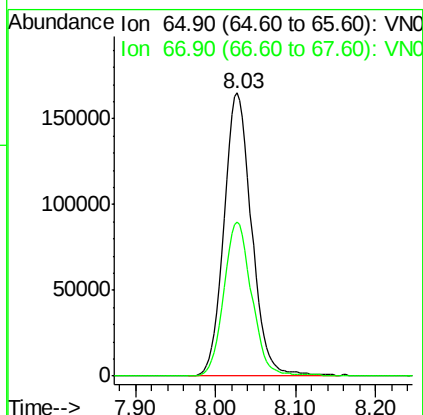
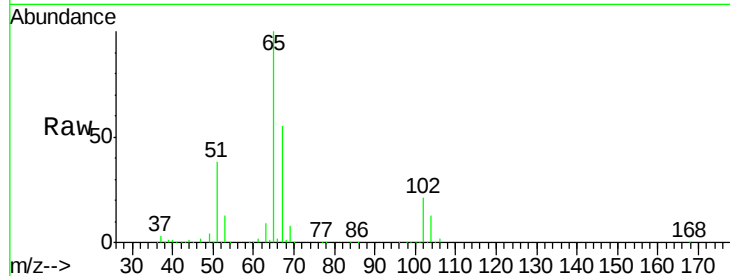




#33
 1,2-Dichloroethane-d4
 Concen: 54.763 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053968.D
 Acq: 26 Feb 2019 21:05

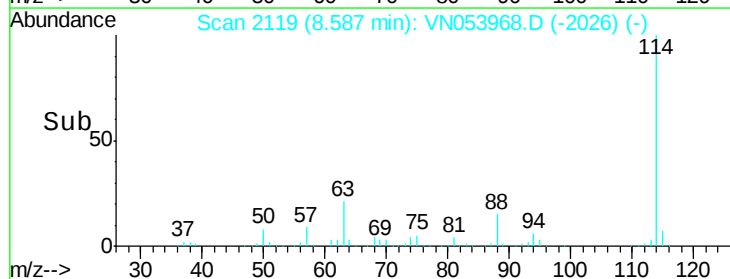
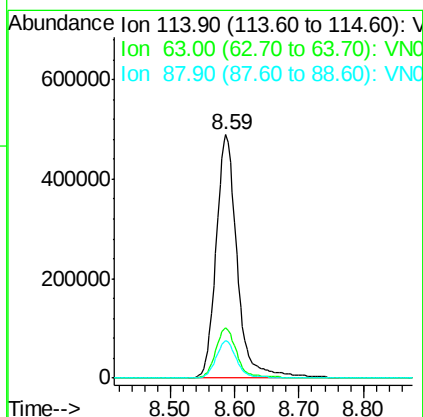
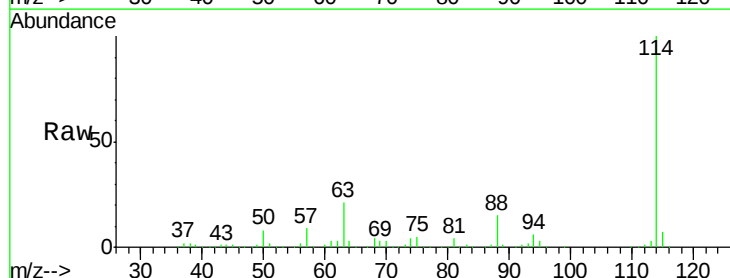
Instrument :
 MSVOA_N
 ClientSampled :
 WV-A

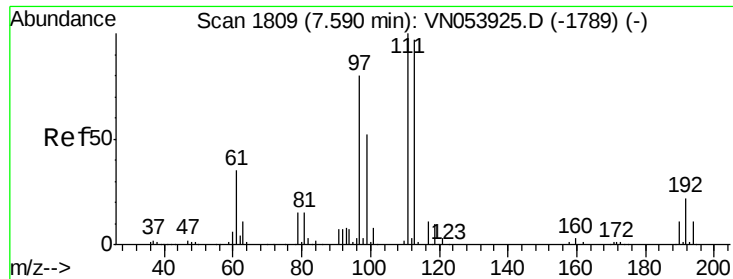
Tgt Ion: 65 Resp: 391834
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053968.D
 Acq: 26 Feb 2019 21:05

Tgt Ion: 114 Resp: 1111108
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 37.4
 88 15.4 0.0 30.4

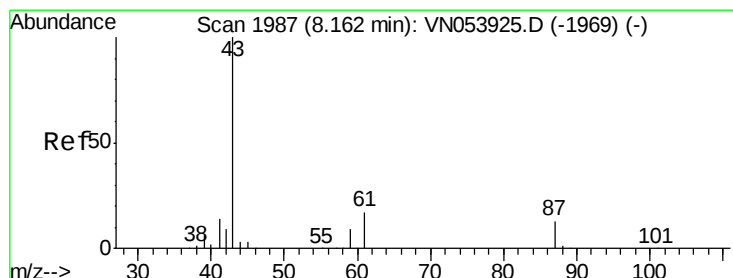
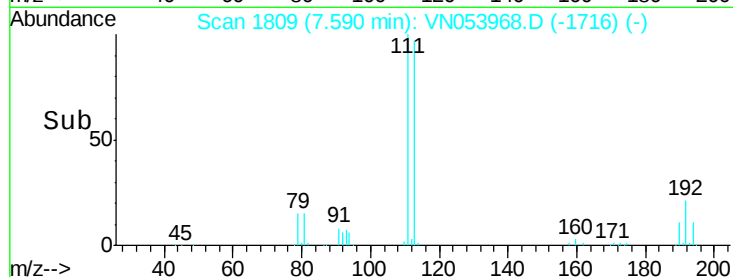
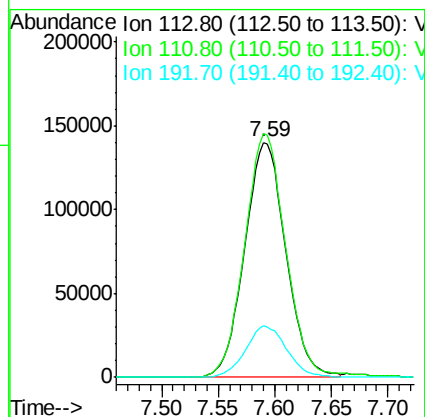
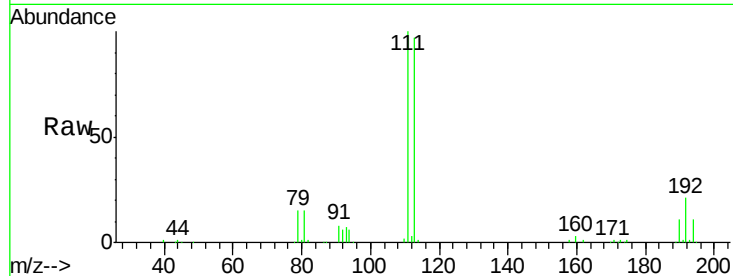




#35
 Dibromofluoromethane
 Concen: 49.425 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053968.D
 Acq: 26 Feb 2019 21:05

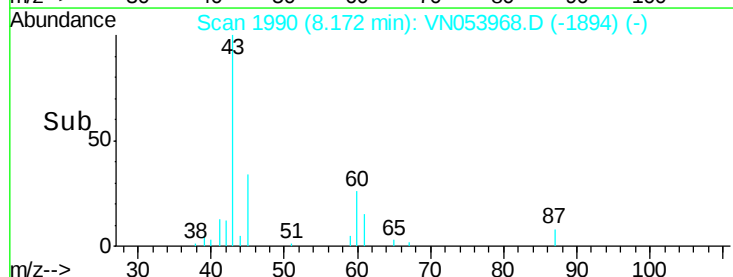
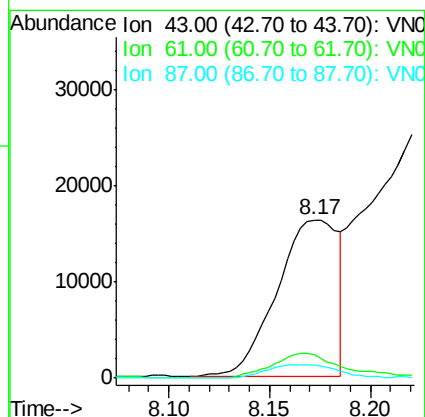
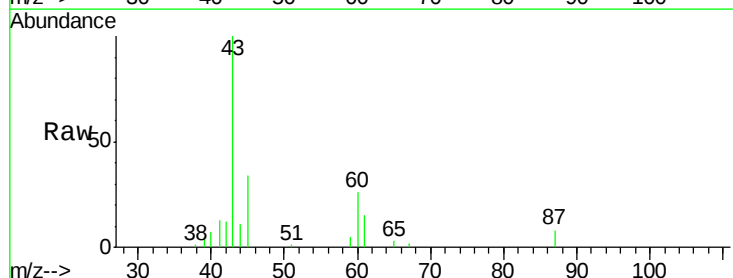
Instrument :
 MSVOA_N
 ClientSampleId :
 WV-A

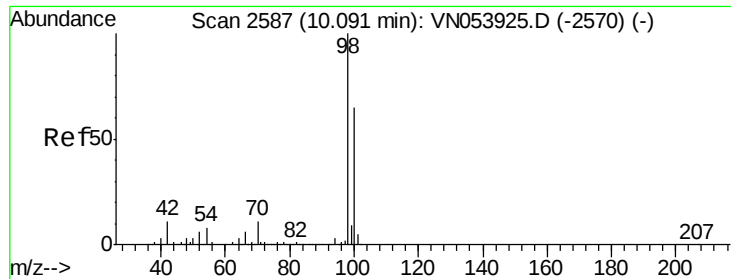
Tgt Ion: 113 Resp: 355121
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.1 121.7
 192 22.0 18.8 28.2



#43
 Isopropyl Acetate
 Concen: 2.737 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: VN053968.D
 Acq: 26 Feb 2019 21:05

Tgt Ion: 43 Resp: 34091
 Ion Ratio Lower Upper
 43 100
 61 18.2 17.4 26.0
 87 9.9 11.5 17.3#





#50

Toluene-d8

Concen: 52.333 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053968.D

Acq: 26 Feb 2019 21:05

Instrument :

MSVOA_N

ClientSampled :

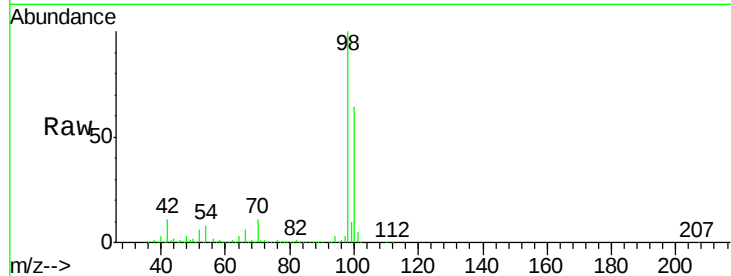
WV-A

Tgt Ion: 98 Resp: 1399752

Ion Ratio Lower Upper

98 100

100 63.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN053925.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN053925.D (-2570) (-)

800000

600000

400000

200000

0

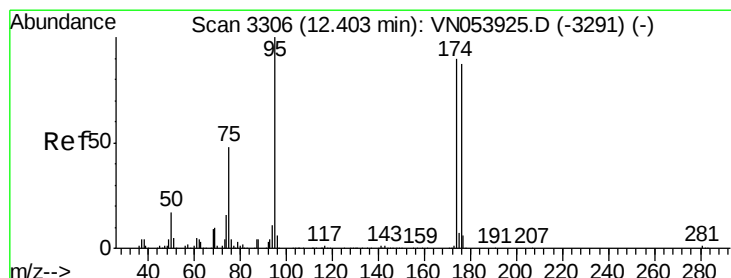
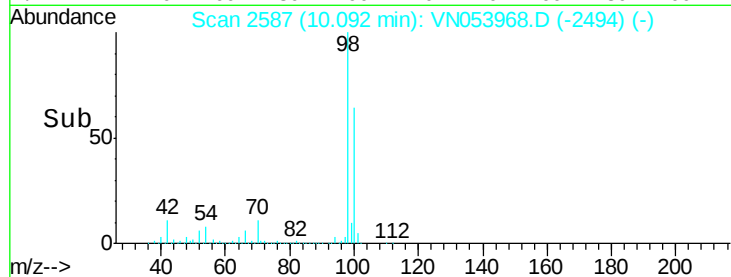
10.09

10.10

10.20

10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 53.127 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053968.D

Acq: 26 Feb 2019 21:05

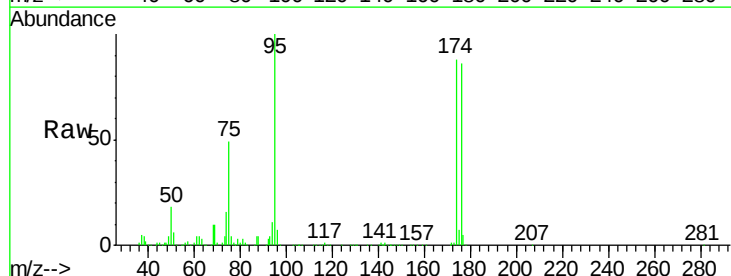
Tgt Ion: 95 Resp: 473427

Ion Ratio Lower Upper

95 100

174 87.2 0.0 188.8

176 84.4 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN053925.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053925.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053925.D (-3291) (-)

300000

200000

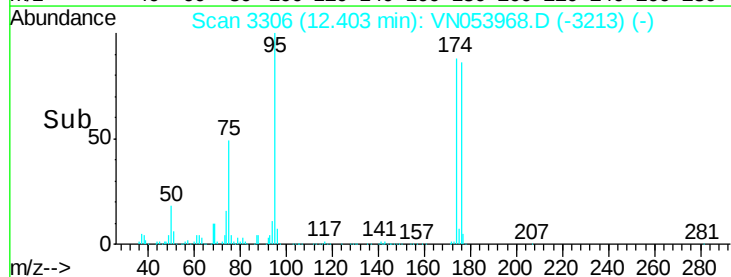
100000

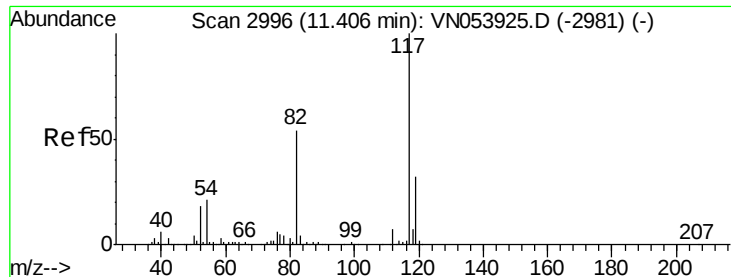
0

12.40

12.50

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053968.D

Acq: 26 Feb 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

WV-A

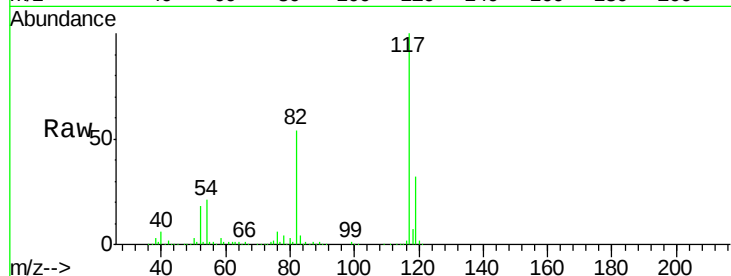
Tgt Ion:117 Resp: 1082188

Ion Ratio Lower Upper

117 100

82 54.4 41.4 62.2

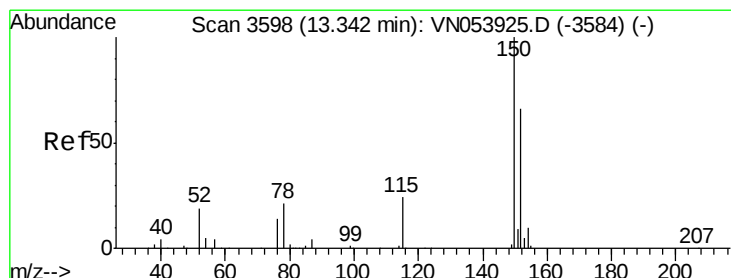
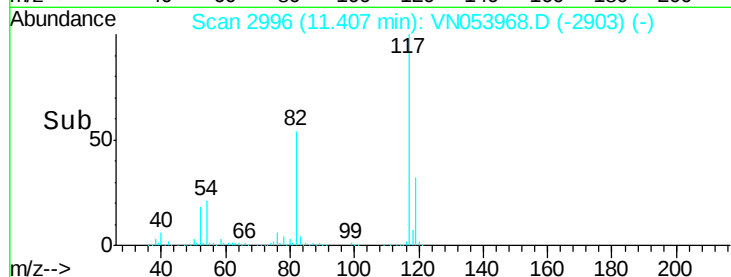
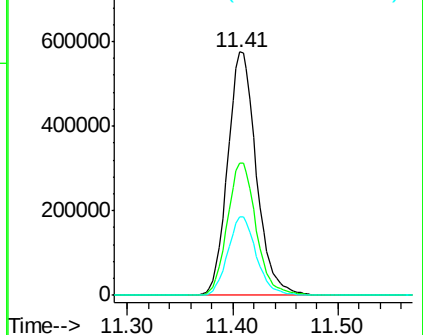
119 32.2 25.3 37.9



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: VN053968.D

Acq: 26 Feb 2019 21:05

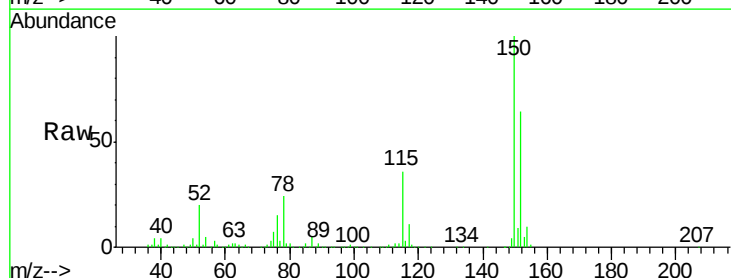
Tgt Ion:152 Resp: 415057

Ion Ratio Lower Upper

152 100

115 57.2 27.2 81.6

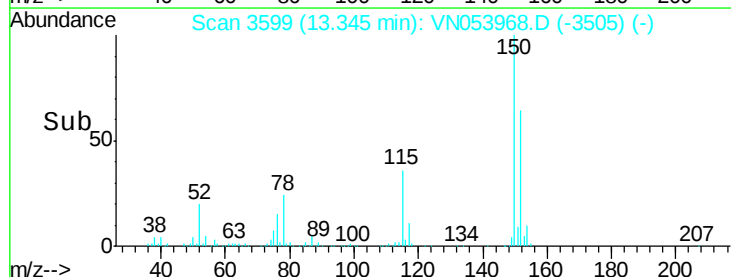
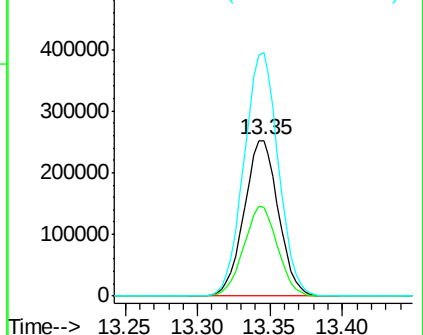
150 157.5 0.0 348.2

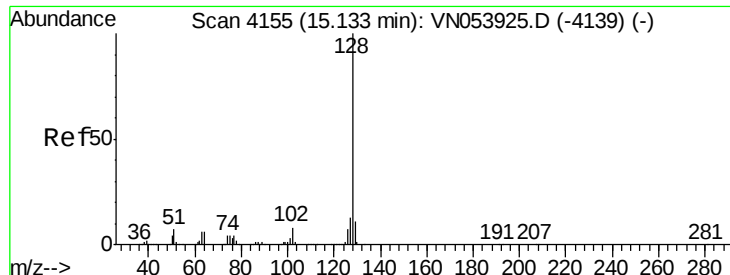


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 3.646 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053968.D

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ClientSampleId :

WV-A

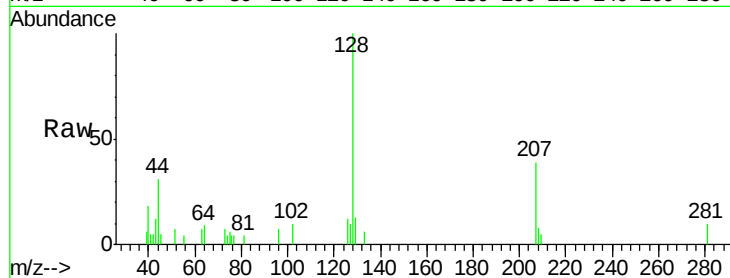
Tgt Ion:128 Resp: 7622

Ion Ratio Lower Upper

128 100

127 11.4 10.2 15.2

129 14.1 8.6 12.8#



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

