

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012920\
 Data File : VN059913.D
 Acq On : 29 Jan 2020 15:33
 Operator : JC/MD
 Sample : L1289-38
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3-COMP

Quant Time: Jan 30 01:07:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

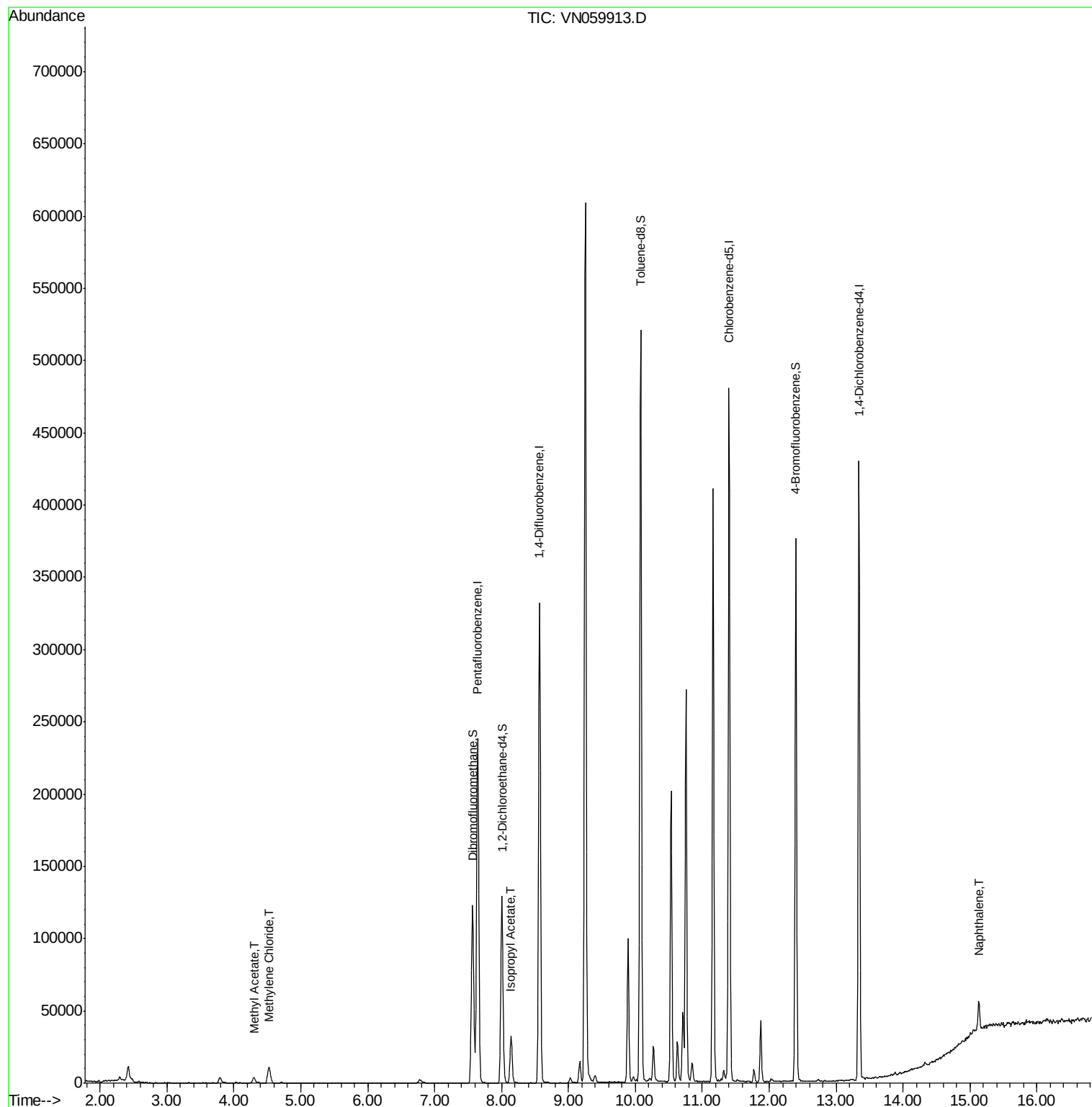
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	206394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	311713	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	284785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	118285	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	110994	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.86%	
35) Dibromofluoromethane	7.57	113	94568	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
50) Toluene-d8	10.08	98	371219	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
62) 4-Bromofluorobenzene	12.40	95	125165	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
Target Compounds						
18) Methyl Acetate	4.30	43	7237	2.703	ug/l	95
20) Methylene Chloride	4.52	84	8822	3.039	ug/l	92
43) Isopropyl Acetate	8.14	43	38093	8.699	ug/l #	92
95) Naphthalene	15.13	128	18255	2.831	ug/l	98

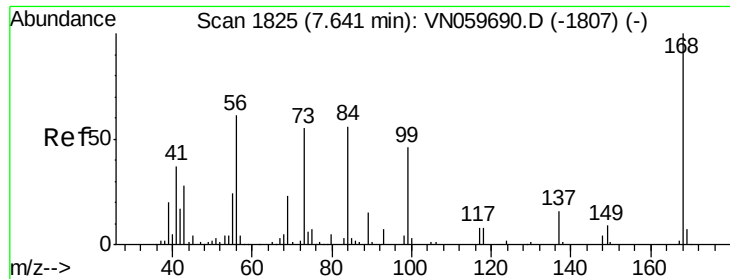
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059913.D

Acq: 29 Jan 2020 15:33

Instrument :

MSVOA_N

ClientSampleId :

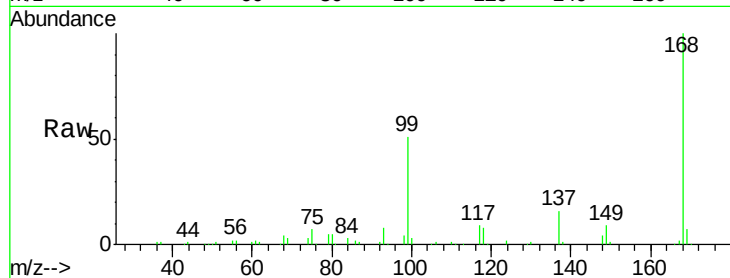
TP-3-COMP

Tot Ion:168 Resp: 206394

Ion Ratio Lower Upper

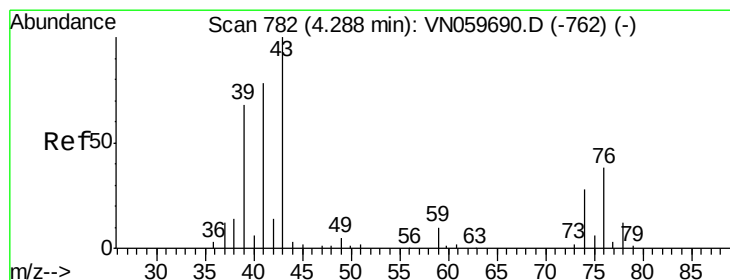
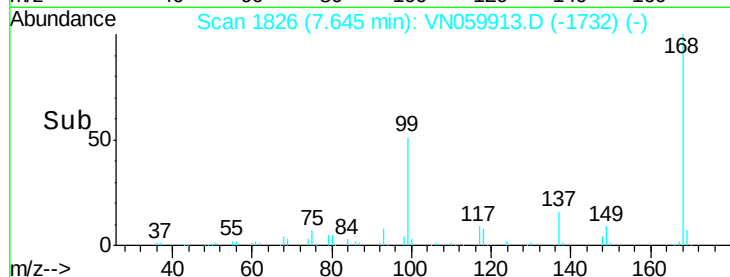
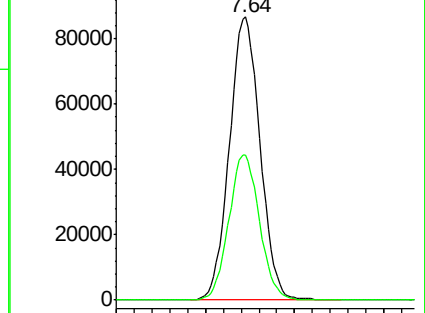
168 100

99 51.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN059913.D (-1732) (-)

Ion 98.90 (98.60 to 99.60): VN059913.D (-1732) (-)



#18

Methyl Acetate

Concen: 2.703 ug/l

RT: 4.30 min Scan# 787

Delta R.T. 0.02 min

Lab File: VN059913.D

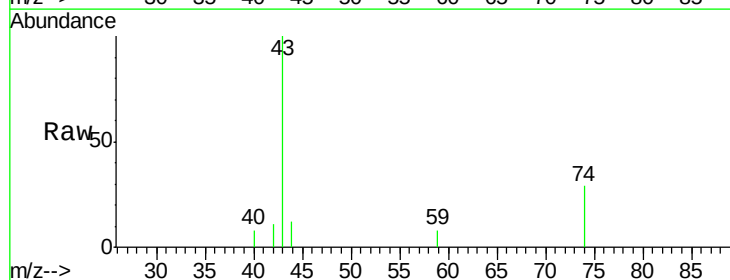
Acq: 29 Jan 2020 15:33

Tgt Ion: 43 Resp: 7237

Ion Ratio Lower Upper

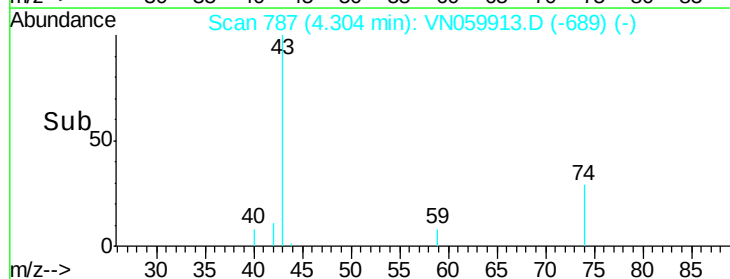
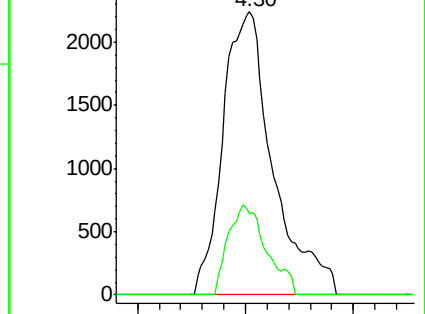
43 100

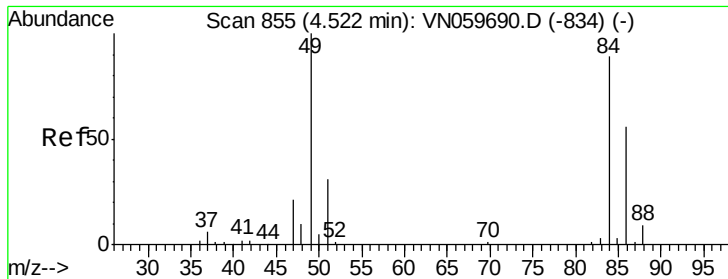
74 24.3 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN059913.D (-689) (-)

Ion 74.00 (73.70 to 74.70): VN059913.D (-689) (-)

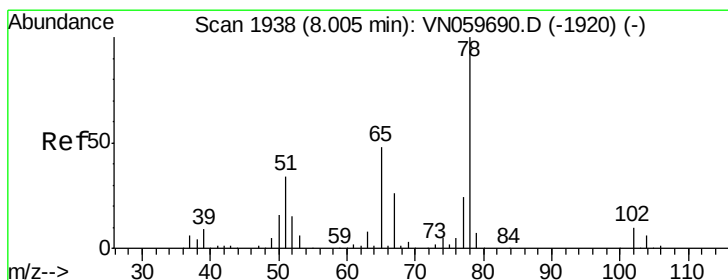
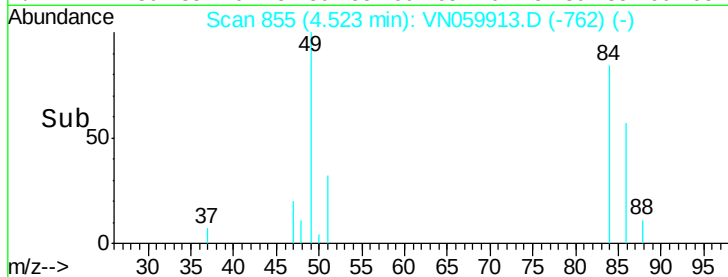
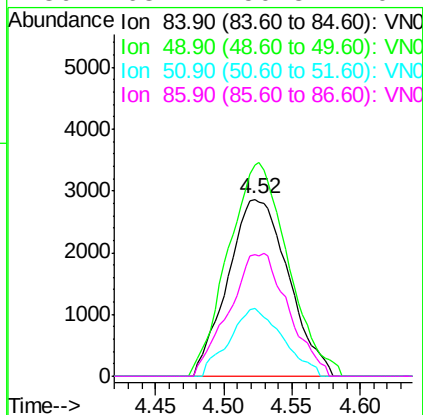
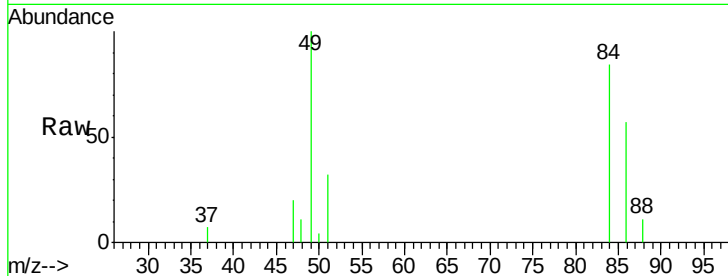




#20
Methylene Chloride
Concen: 3.039 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059913.D
Acq: 29 Jan 2020 15:33

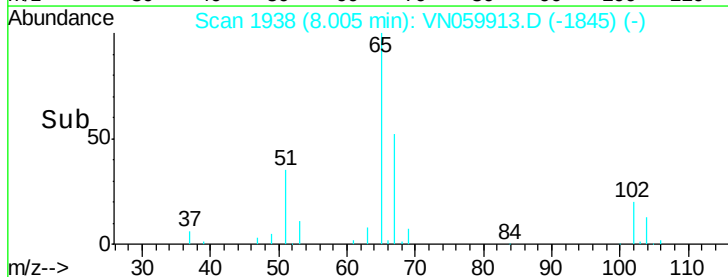
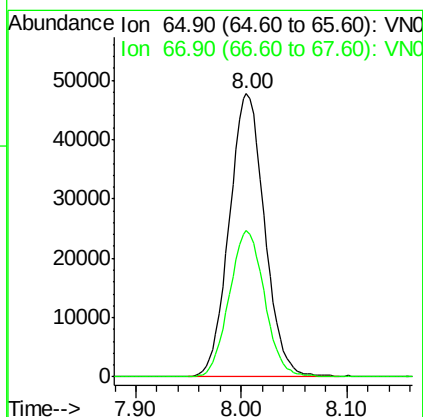
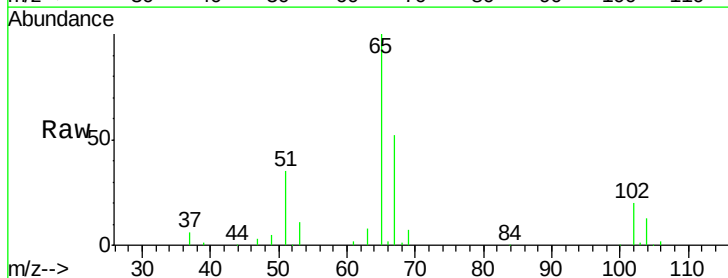
Instrument :
MSVOA_N
ClientSampled :
TP-3-COMP

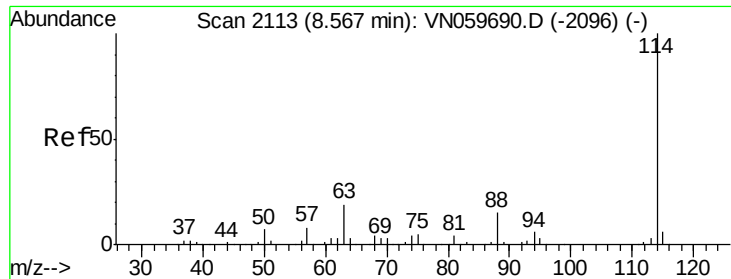
Tot Ion: 84 Resp: 8822
Ion Ratio Lower Upper
84 100
49 119.7 106.6 160.0
51 38.7 31.9 47.9
86 68.4 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 48.425 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN059913.D
Acq: 29 Jan 2020 15:33

Tgt Ion: 65 Resp: 110994
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN059913.D

Acq: 29 Jan 2020 15:33

Instrument :

MSVOA_N

ClientSampleId :

TP-3-COMP

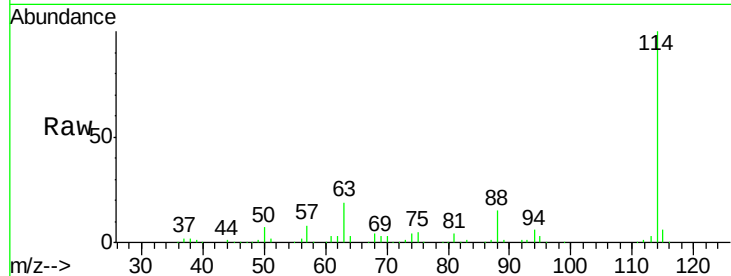
Tot Ion:114 Resp: 311713

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.6

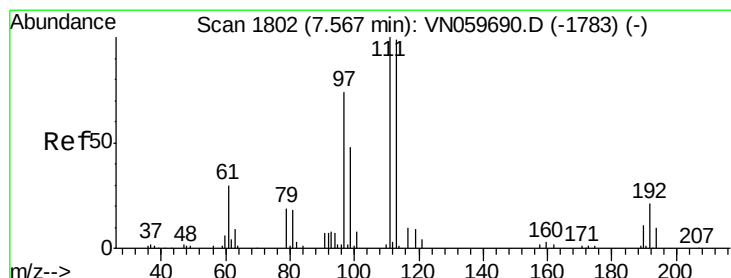
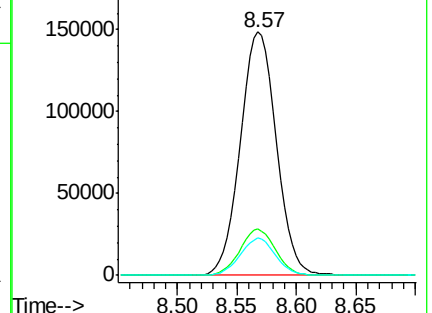
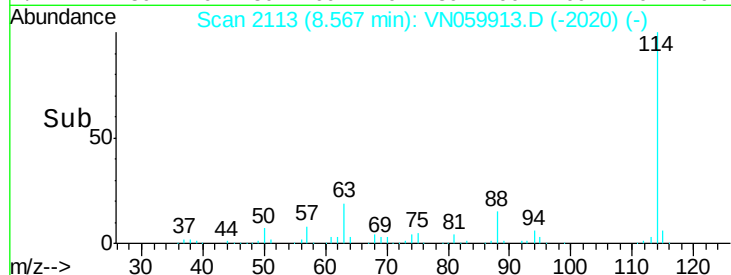
88 15.2 0.0 31.4



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: 50.874 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059913.D

Acq: 29 Jan 2020 15:33

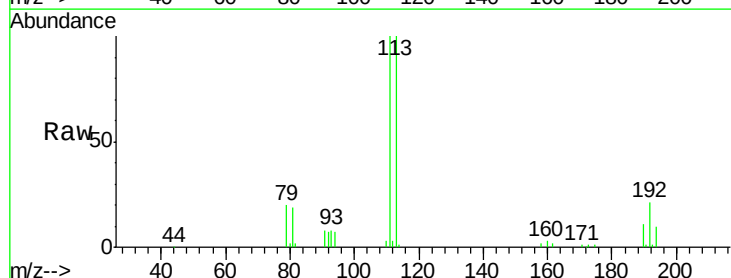
Tgt Ion:113 Resp: 94568

Ion Ratio Lower Upper

113 100

111 101.2 83.5 125.3

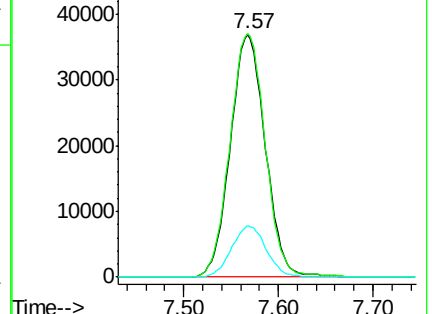
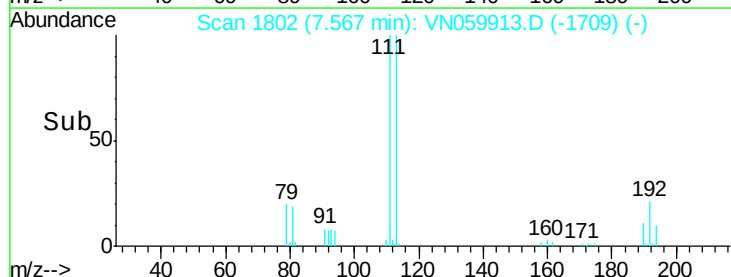
192 20.9 15.4 23.2

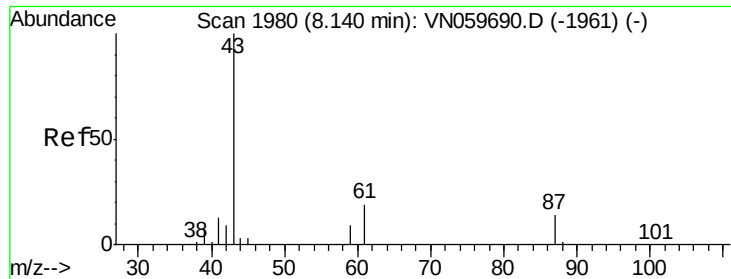


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.699 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059913.D

Acq: 29 Jan 2020 15:33

Instrument :

MSVOA_N

ClientSampleId :

TP-3-COMP

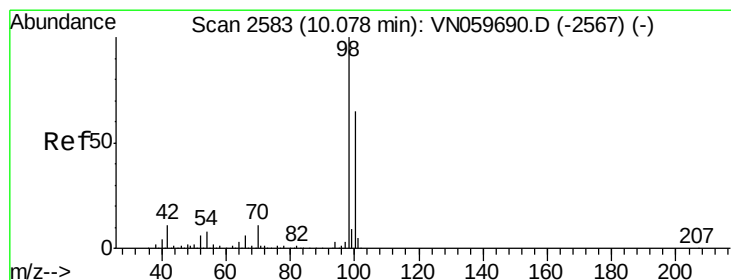
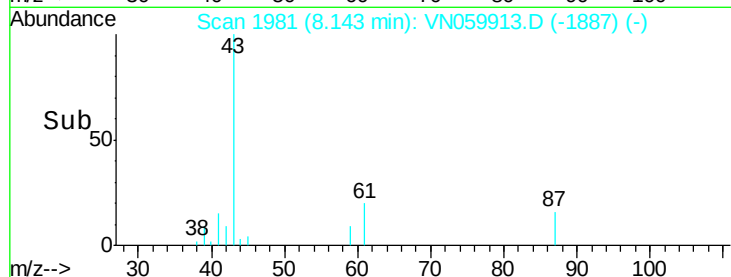
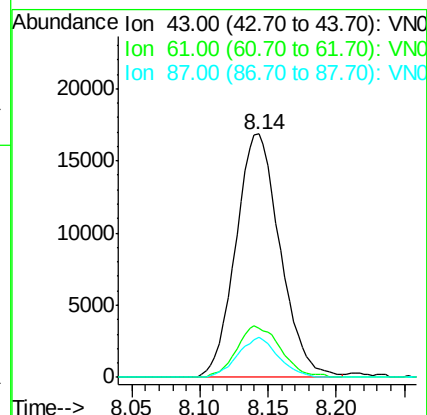
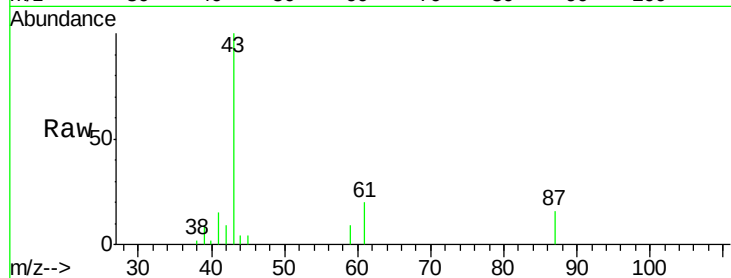
Tot Ion: 43 Resp: 38093

Ion Ratio Lower Upper

43 100

61 20.9 20.2 30.2

87 15.0 9.5 14.3#



#50

Toluene-d8

Concen: 51.542 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059913.D

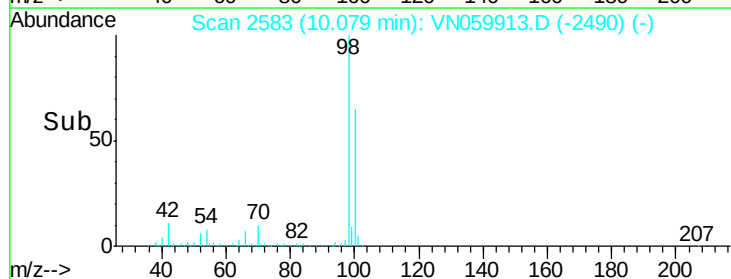
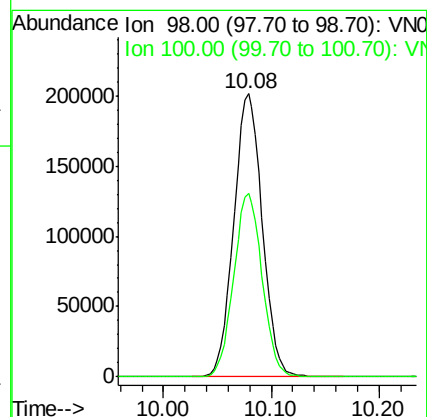
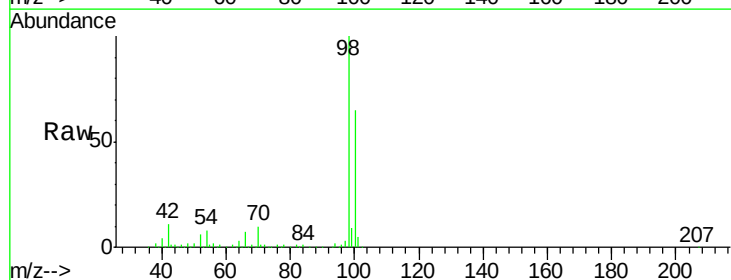
Acq: 29 Jan 2020 15:33

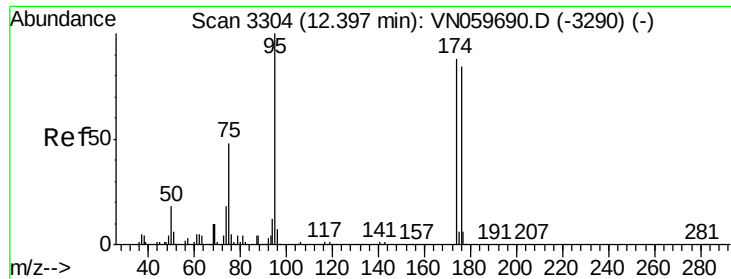
Tgt Ion: 98 Resp: 371219

Ion Ratio Lower Upper

98 100

100 64.6 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 48.207 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059913.D

Acq: 29 Jan 2020 15:33

Instrument :

MSVOA_N

ClientSampleId :

TP-3-COMP

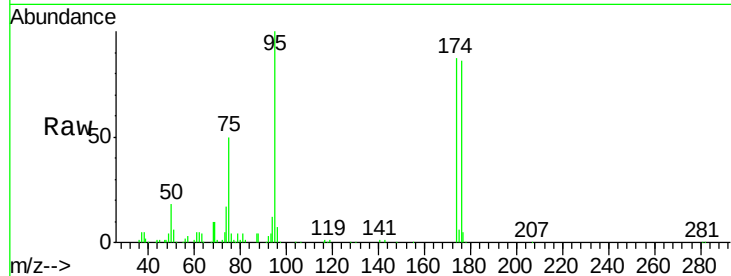
Tot Ion: 95 Resp: 125165

Ion Ratio Lower Upper

95 100

174 88.3 0.0 151.4

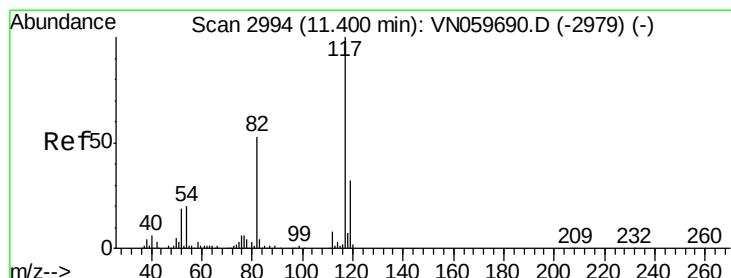
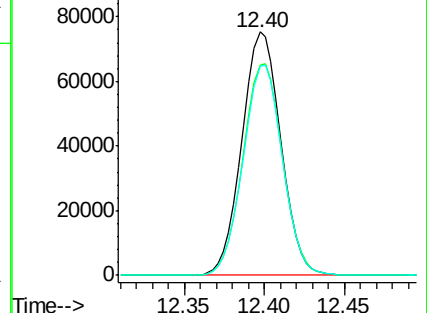
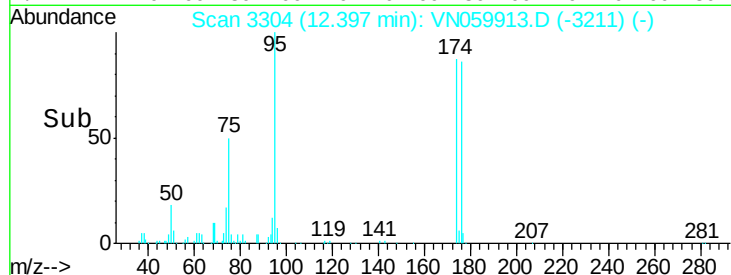
176 87.4 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059913.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN059913.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN059913.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059913.D

Acq: 29 Jan 2020 15:33

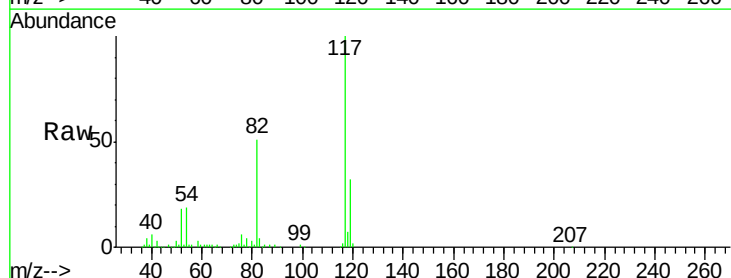
Tgt Ion: 117 Resp: 284785

Ion Ratio Lower Upper

117 100

82 51.5 45.9 68.9

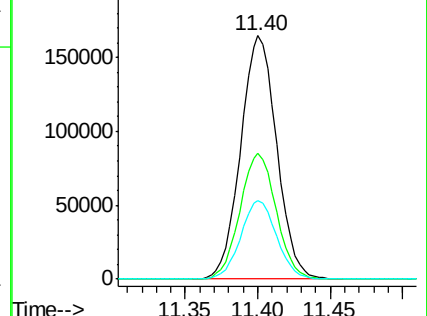
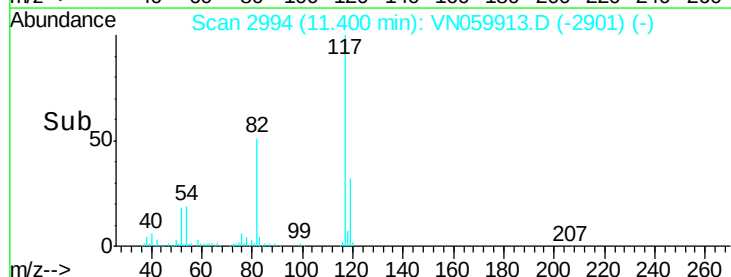
119 32.5 25.5 38.3

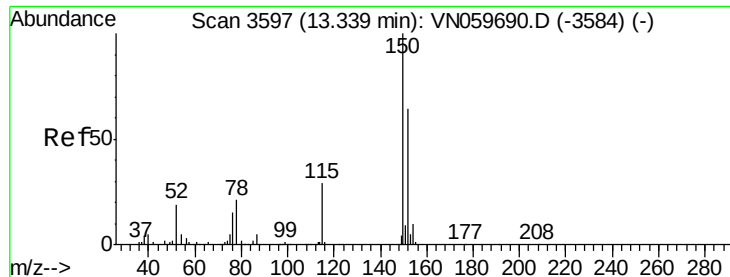


Abundance Ion 116.90 (116.60 to 117.60): VN059913.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN059913.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN059913.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN059913.D

Acq: 29 Jan 2020 15:33

Instrument :

MSVOA_N

ClientSampled :

TP-3-COMP

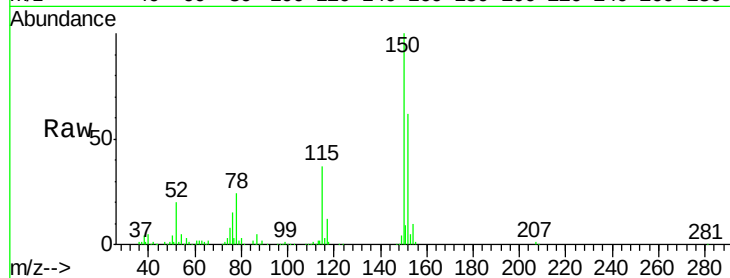
Tot Ion:152 Resp: 118285

Ion Ratio Lower Upper

152 100

115 57.9 30.3 90.9

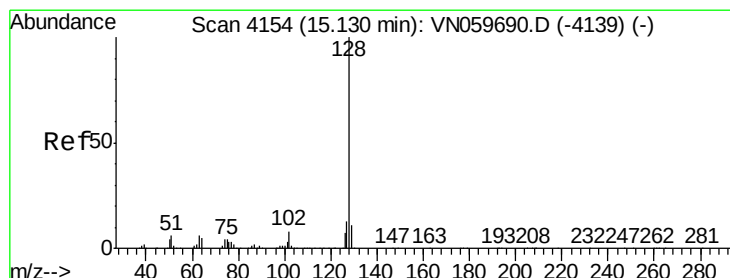
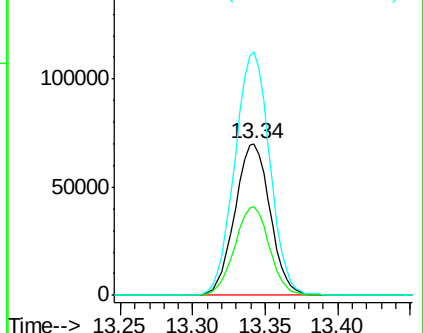
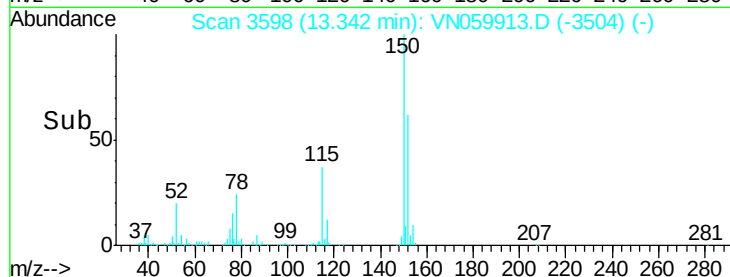
150 159.9 0.0 345.2



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: 2.831 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN059913.D

Acq: 29 Jan 2020 15:33

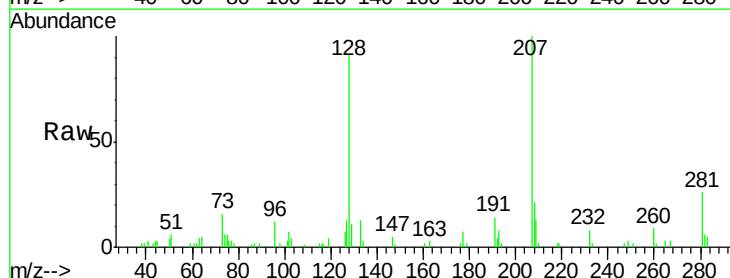
Tgt Ion:128 Resp: 18255

Ion Ratio Lower Upper

128 100

127 14.0 10.4 15.6

129 11.4 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

