

Data File : VN055396.D
Acq On : 3 May 2019 17:52
Operator : JC/SP
Sample : K2668-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Quant Time: May 04 01:14:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

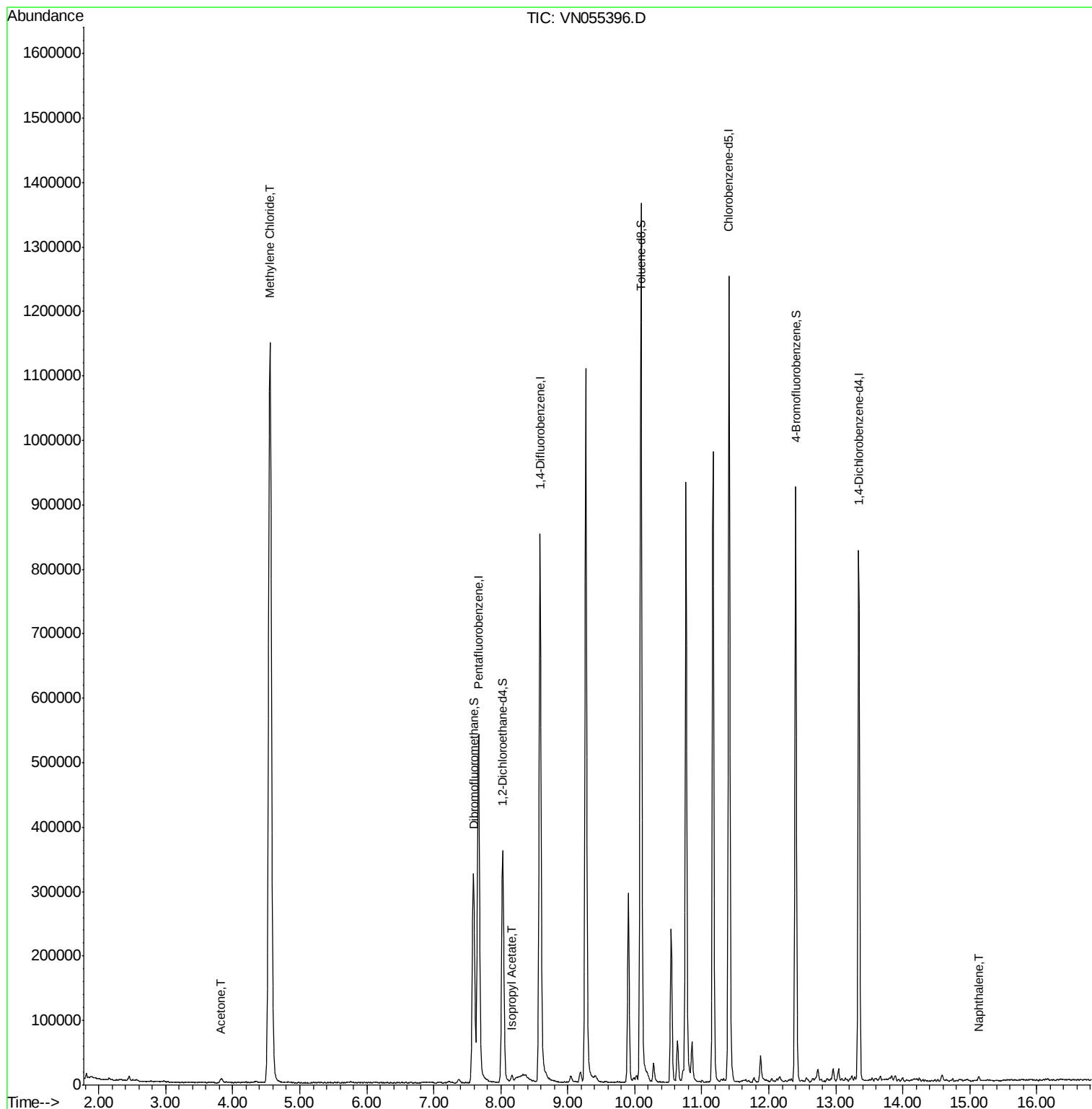
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	462632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	791738	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	721954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	224557	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	314821	52.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.04%	
35) Dibromofluoromethane	7.59	113	249901	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
50) Toluene-d8	10.09	98	971136	51.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.50%	
62) 4-Bromofluorobenzene	12.40	95	321464	54.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.62%	
Target Compounds						
16) Acetone	3.82	43	11960	6.342	ug/l	98
20) Methylene Chloride	4.55	84	821292	142.682	ug/l	99
43) Isopropyl Acetate	8.17	43	12890	1.380	ug/l #	89
95) Naphthalene	15.13	128	6404	4.286	ug/l	96

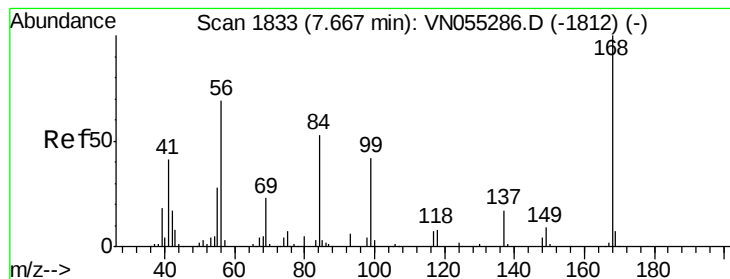
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055396.D

Acq: 3 May 2019 17:52

Instrument :

MSVOA_N

ClientSampled :

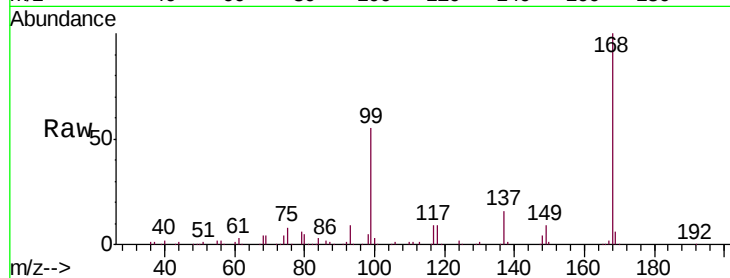
TP-1

Tgt Ion:168 Resp: 462632

Ion Ratio Lower Upper

168 100

99 55.3 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055286.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055286.D (-1812) (-)

7.67

200000

150000

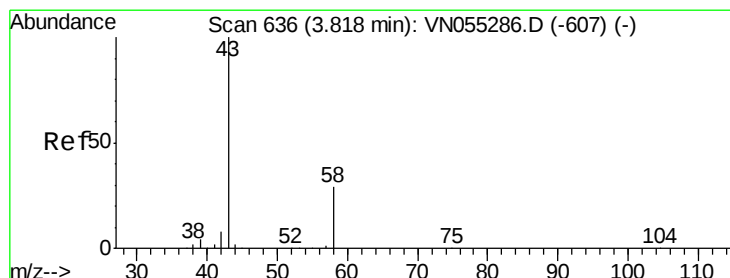
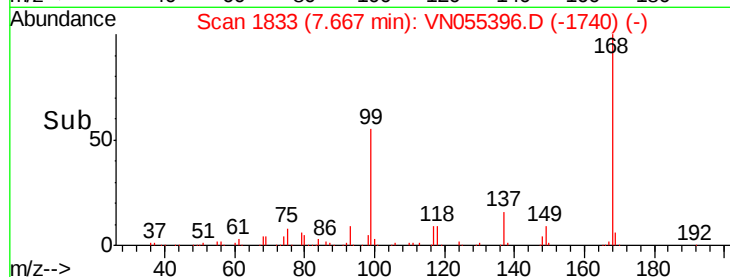
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 6.342 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055396.D

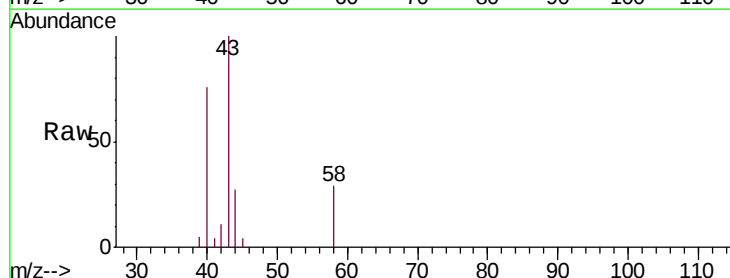
Acq: 3 May 2019 17:52

Tgt Ion: 43 Resp: 11960

Ion Ratio Lower Upper

43 100

58 28.6 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-607) (-)

Ion 58.00 (57.70 to 58.70): VN055286.D (-607) (-)

3.82

4000

3000

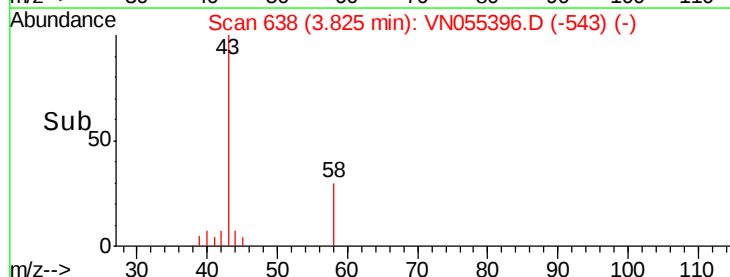
2000

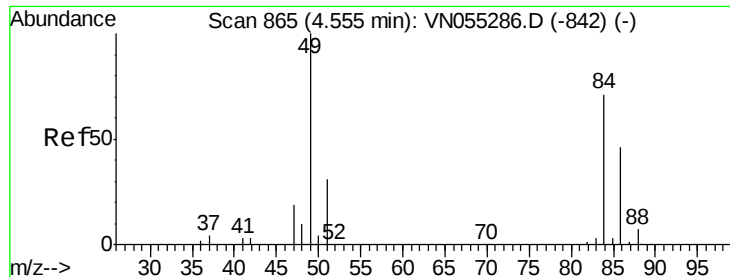
1000

0

3.75 3.80 3.85 3.90

Time-->

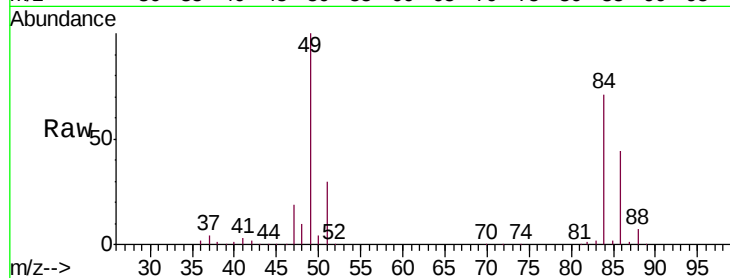




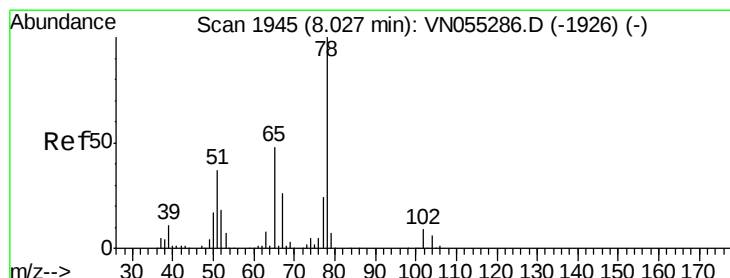
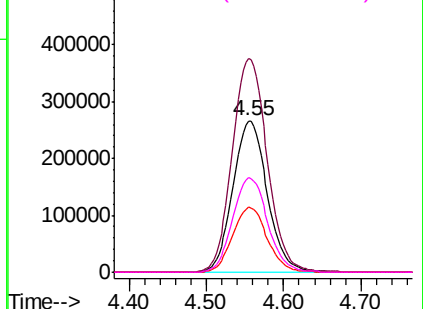
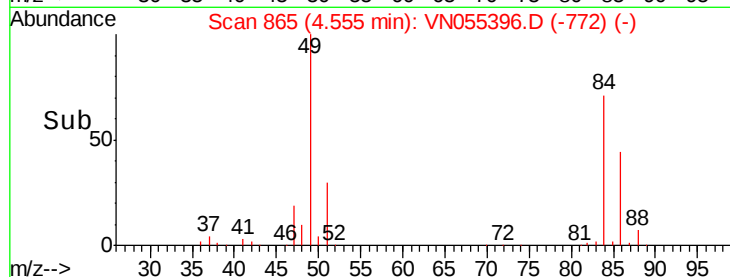
#20
Methylene Chloride
Concen: 142.682 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055396.D
Acq: 3 May 2019 17:52

Instrument :
MSVOA_N
ClientSampled :
TP-1

Tgt Ion: 84 Resp: 821292
Ion Ratio Lower Upper
84 100
49 140.9 112.4 168.6
51 42.7 34.6 51.8
86 62.1 51.9 77.9

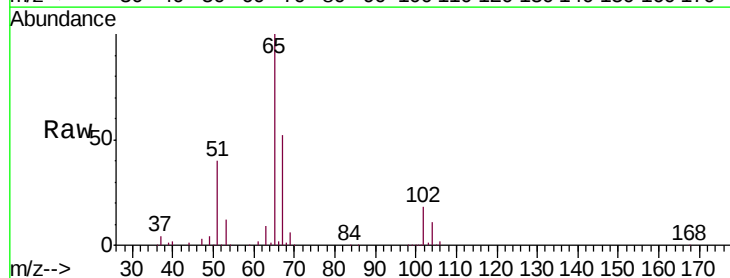


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

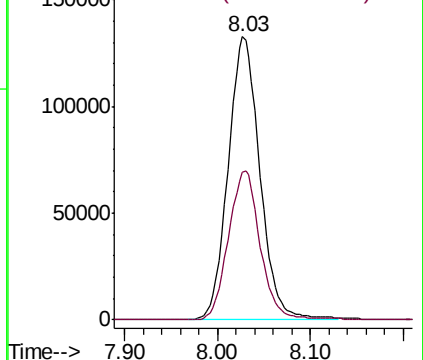
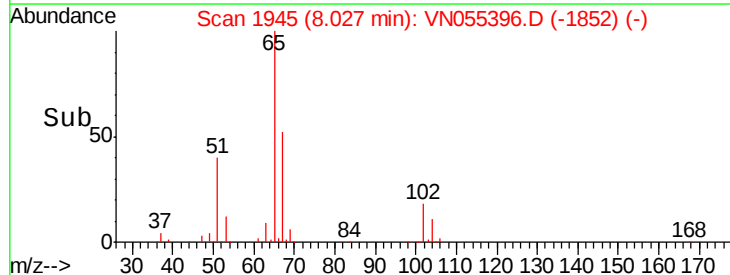


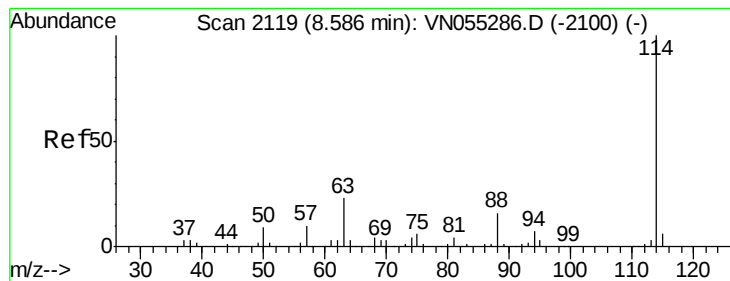
#33
1,2-Dichloroethane-d4
Concen: 52.017 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055396.D
Acq: 3 May 2019 17:52

Tgt Ion: 65 Resp: 314821
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055396.D

Acq: 3 May 2019 17:52

Instrument :

MSVOA_N

ClientSampleId :

TP-1

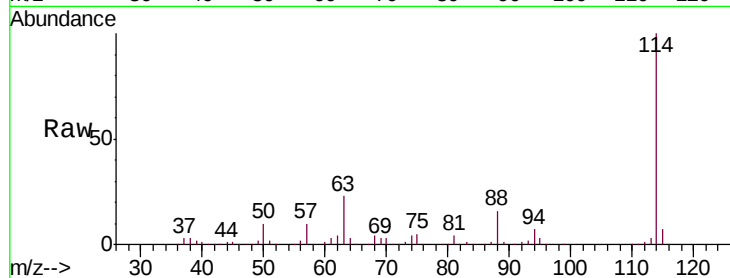
Tgt Ion:114 Resp: 791738

Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.2

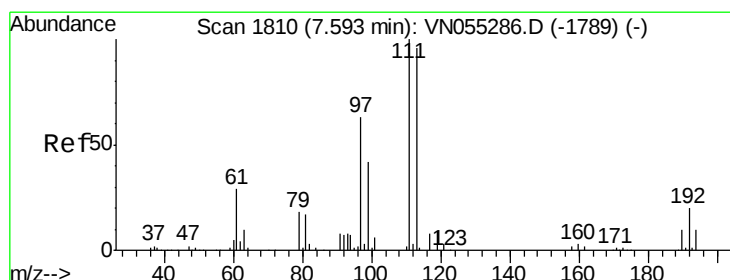
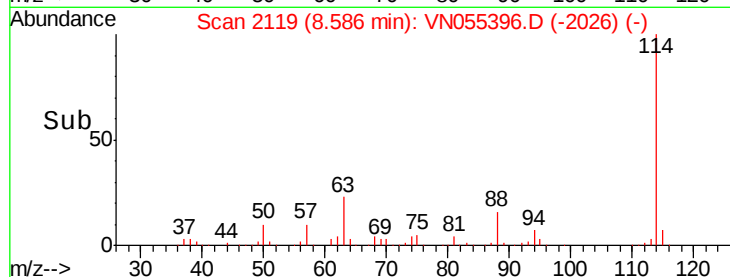
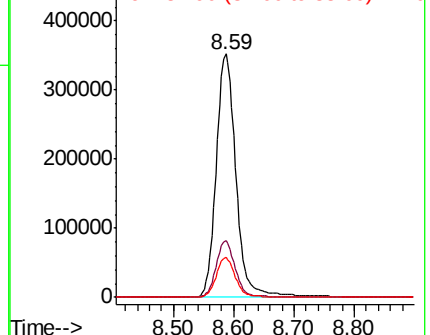
88 16.4 0.0 31.6



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: 48.088 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055396.D

Acq: 3 May 2019 17:52

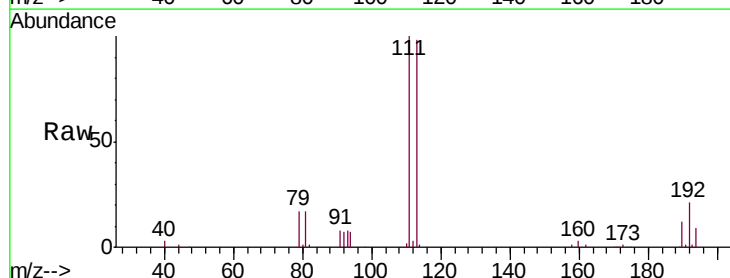
Tgt Ion:113 Resp: 249901

Ion Ratio Lower Upper

113 100

111 102.5 82.3 123.5

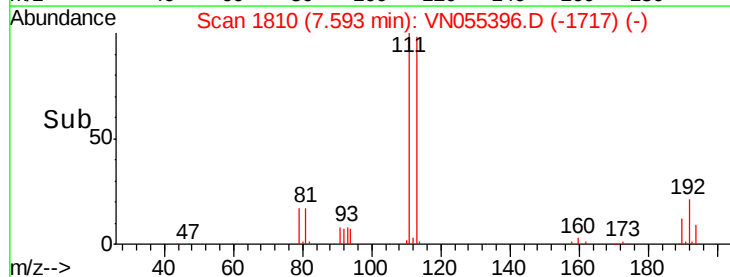
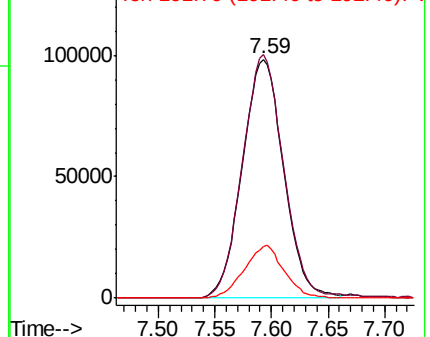
192 21.3 17.0 25.6

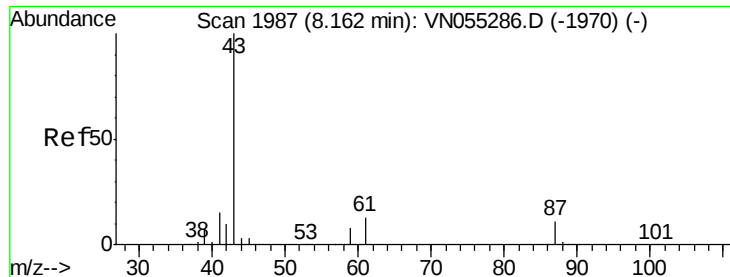


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.380 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055396.D

Acq: 3 May 2019 17:52

Instrument :

MSVOA_N

ClientSampled :

TP-1

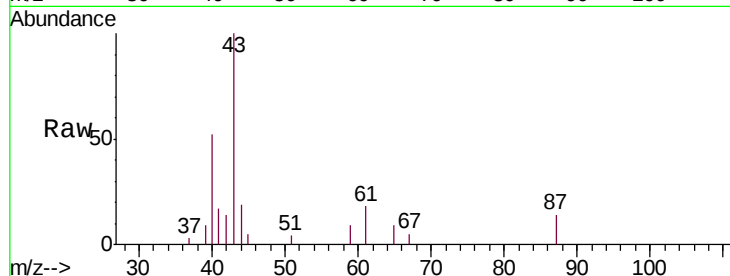
Tgt Ion: 43 Resp: 12890

Ion Ratio Lower Upper

43 100

61 19.0 20.8 31.2#

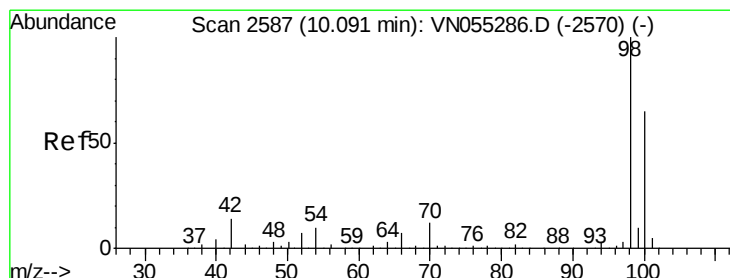
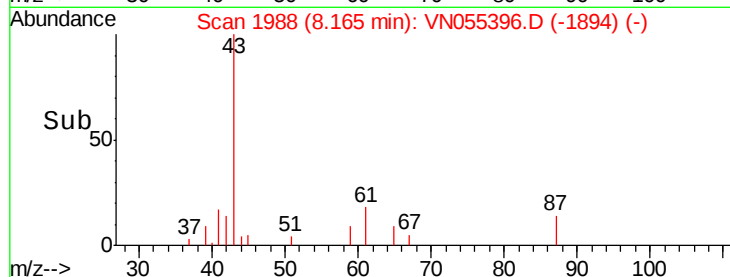
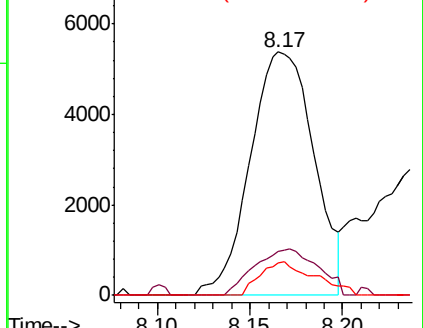
87 11.9 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055286.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055286.D (-1970) (-)



#50

Toluene-d8

Concen: 51.753 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055396.D

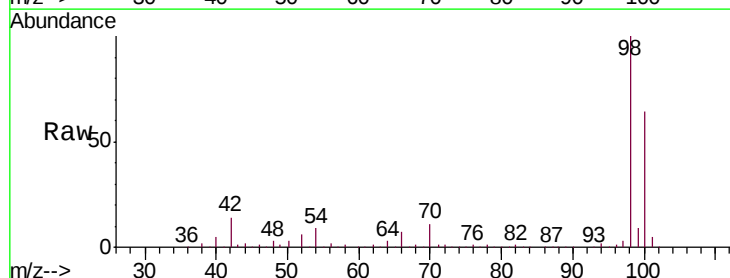
Acq: 3 May 2019 17:52

Tgt Ion: 98 Resp: 971136

Ion Ratio Lower Upper

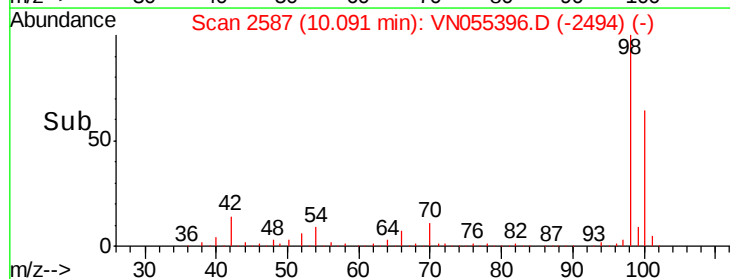
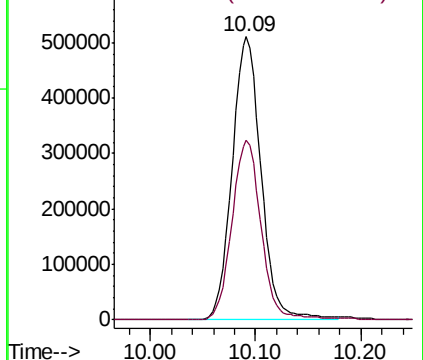
98 100

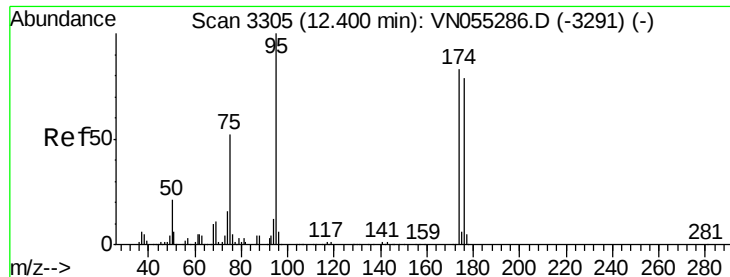
100 64.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN055286.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055286.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: 54.814 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055396.D

Acq: 3 May 2019 17:52

Instrument :

MSVOA_N

ClientSampleId :

TP-1

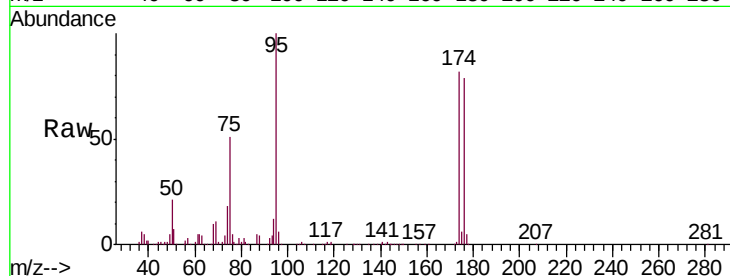
Tgt Ion: 95 Resp: 321464

Ion Ratio Lower Upper

95 100

174 83.0 0.0 166.6

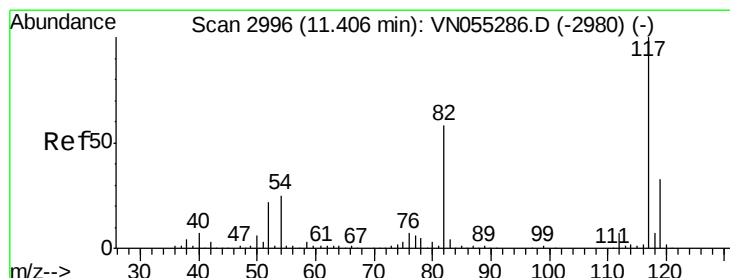
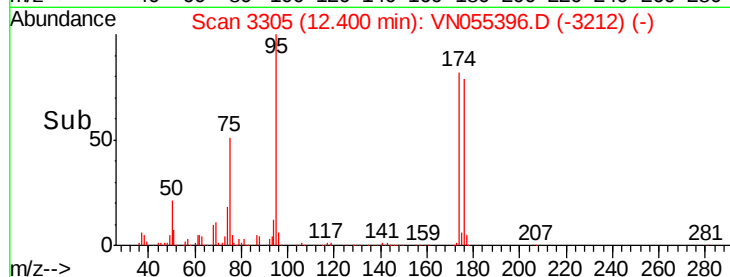
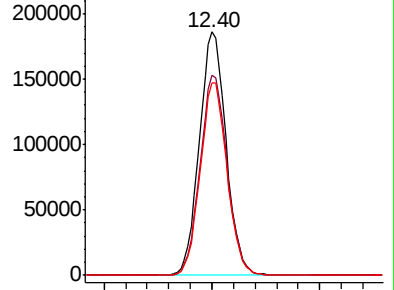
176 79.4 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN055396.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN055396.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN055396.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055396.D

Acq: 3 May 2019 17:52

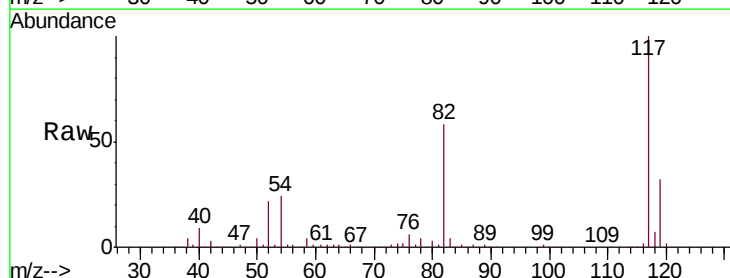
Tgt Ion: 117 Resp: 721954

Ion Ratio Lower Upper

117 100

82 57.6 46.2 69.4

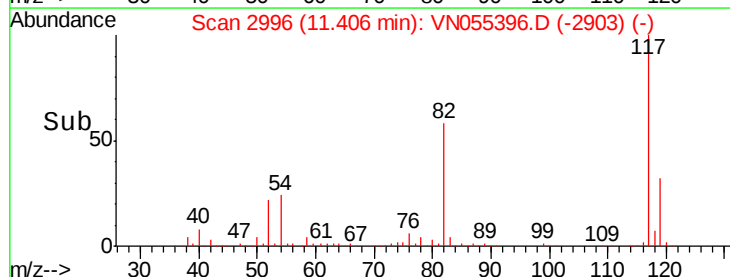
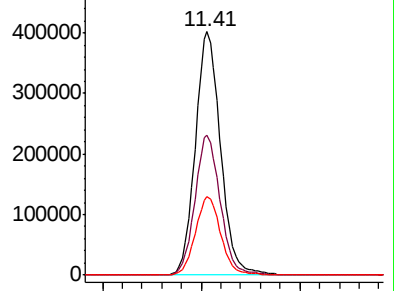
119 32.1 26.6 40.0

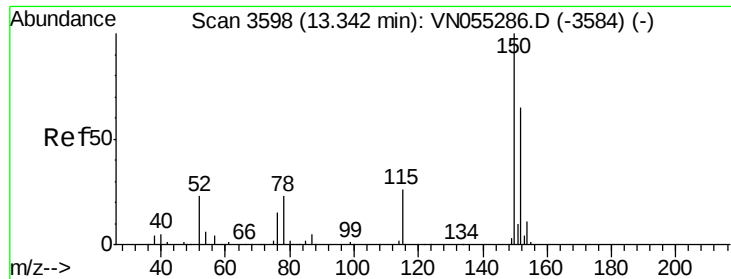


Abundance Ion 116.90 (116.60 to 117.60): VN055396.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055396.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055396.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055396.D

Acq: 3 May 2019 17:52

Instrument :

MSVOA_N

ClientSampleId :

TP-1

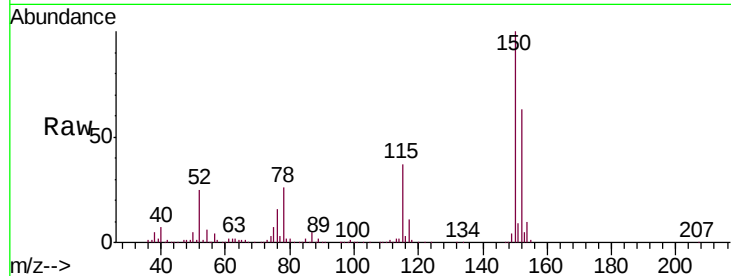
Tgt Ion:152 Resp: 224557

Ion Ratio Lower Upper

152 100

115 58.9 29.0 87.0

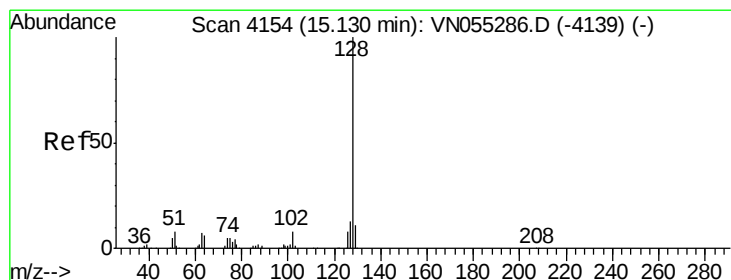
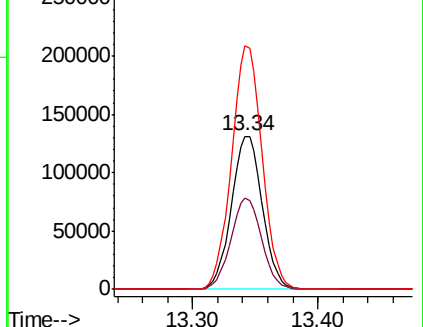
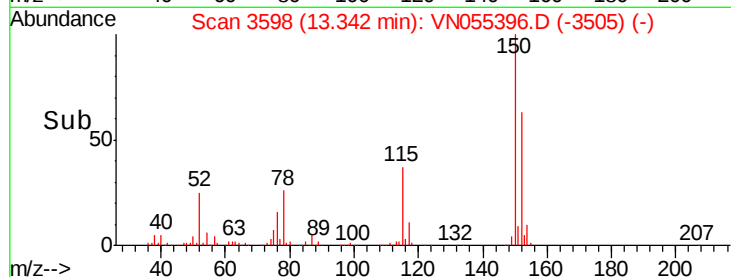
150 157.2 0.0 345.6



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: 4.286 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055396.D

Acq: 3 May 2019 17:52

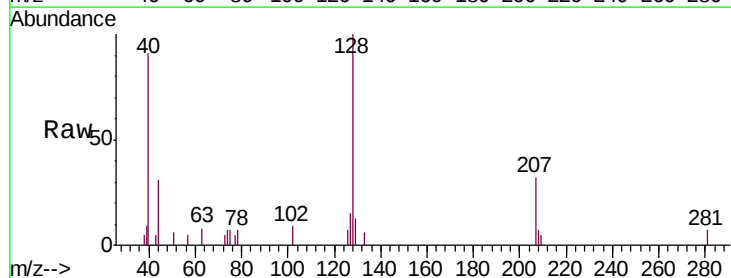
Tgt Ion:128 Resp: 6404

Ion Ratio Lower Upper

128 100

127 11.1 10.7 16.1

129 11.4 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

