

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN053119\
 Data File : VN055912.D
 Acq On : 31 May 2019 12:12
 Operator : JC/SP
 Sample : K3124-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-25-D

Quant Time: May 31 19:19:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

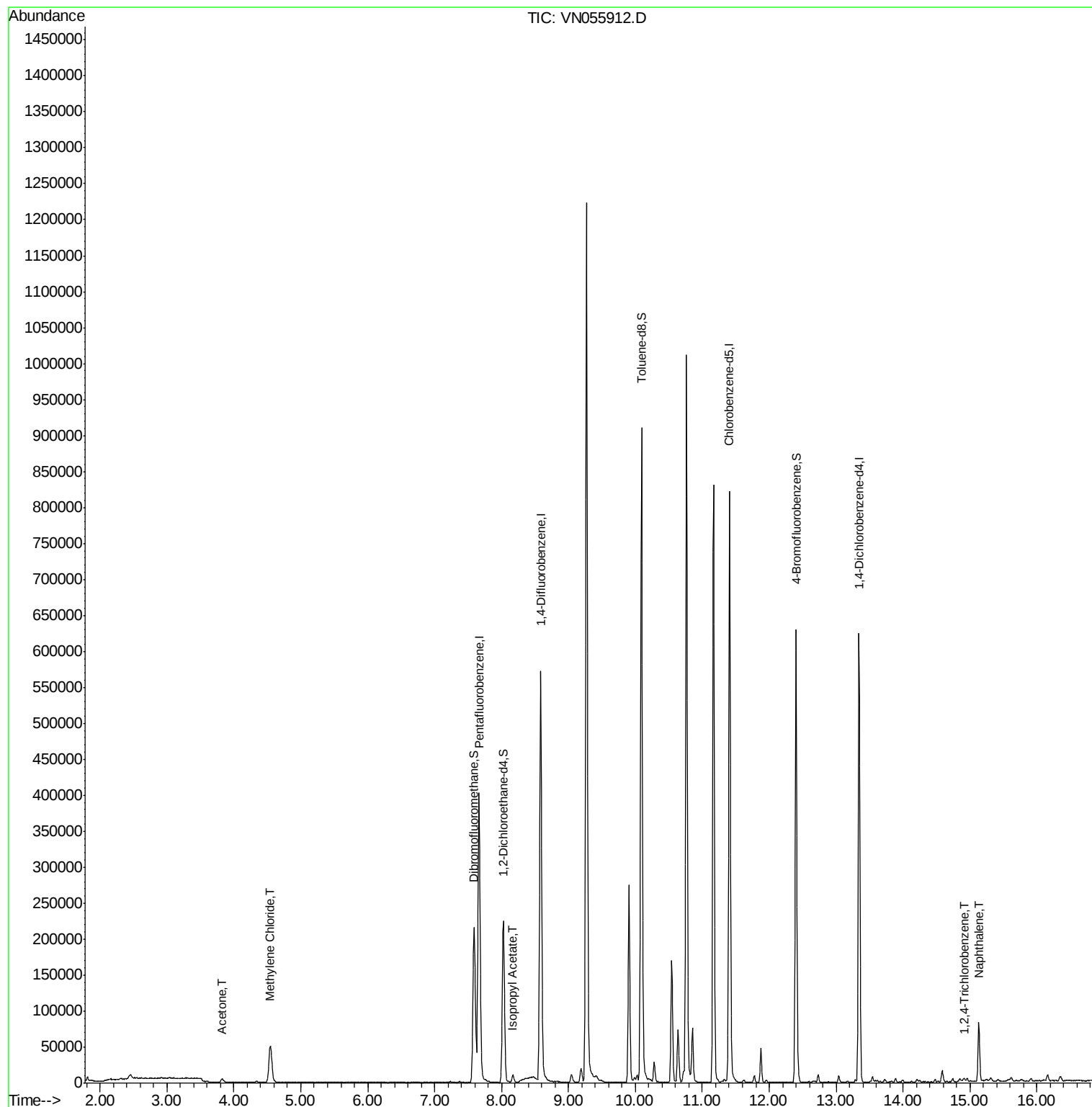
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	378629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	566275	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	522812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	187960	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	190912	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
35) Dibromofluoromethane	7.59	113	167107	46.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.36%	
50) Toluene-d8	10.09	98	676233	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.48%	
62) 4-Bromofluorobenzene	12.40	95	224214	47.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.22%	
Target Compounds						
					Qvalue	
16) Acetone	3.82	43	9049	5.265	ug/l #	88
20) Methylene Chloride	4.55	84	43013	11.555	ug/l	96
43) Isopropyl Acetate	8.17	43	13516	1.687	ug/l #	86
93) 1,2,4-Trichlorobenzene	14.91	180	1904	4.121	ug/l #	86
95) Naphthalene	15.13	128	76436	8.791	ug/l	100

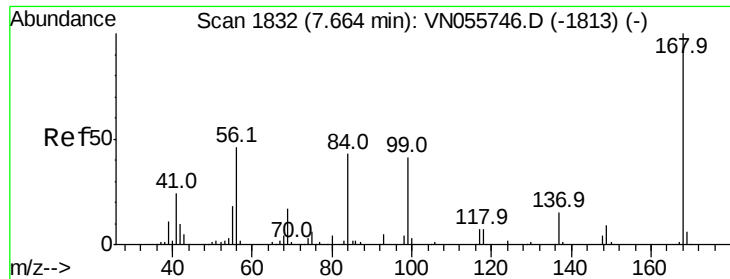
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN053119\
Data File : VN055912.D
Acq On : 31 May 2019 12:12
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Sample : K3124-10
Misc : 5.00mL/MSVOA N/WATER
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Quant Time: May 31 19:19:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055912.D

Acq: 31 May 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

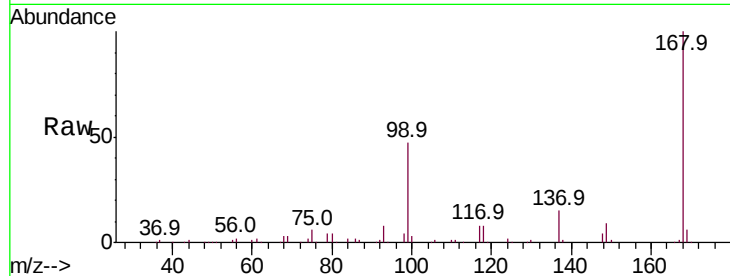
TP-25-D

Tot Ion:168 Resp: 378629

Ion Ratio Lower Upper

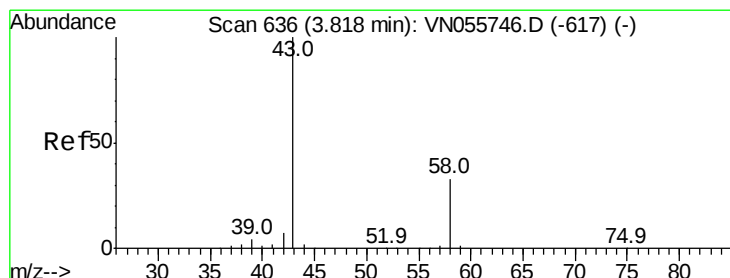
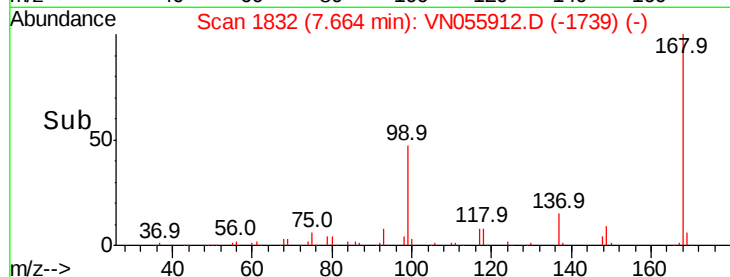
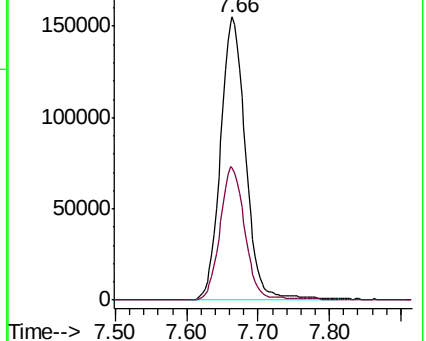
168 100

99 46.9 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 5.265 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055912.D

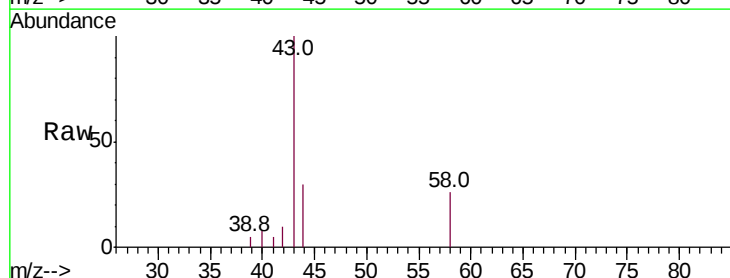
Acq: 31 May 2019 12:12

Tgt Ion: 43 Resp: 9049

Ion Ratio Lower Upper

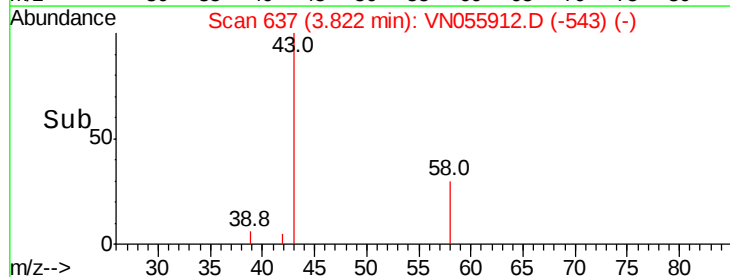
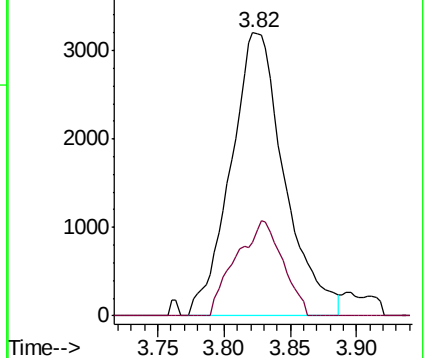
43 100

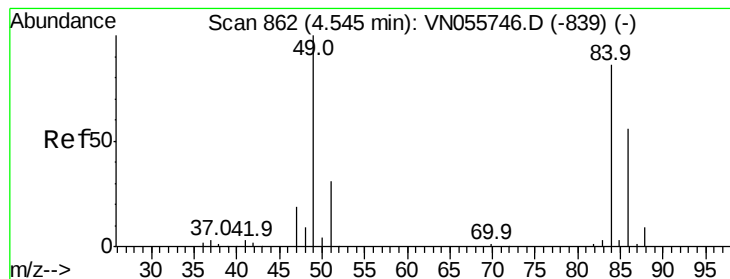
58 26.1 26.6 39.8#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 11.555 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN055912.D

Acq: 31 May 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

TP-25-D

Tot Ion: 84 Resp: 43013

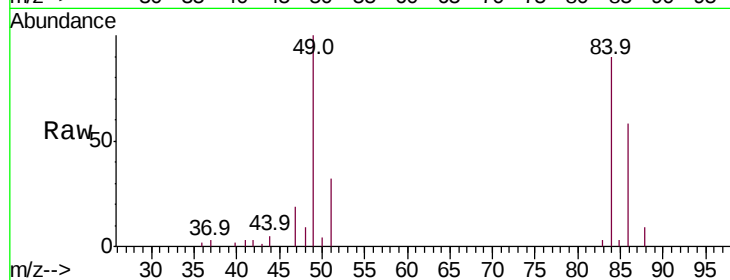
Ion Ratio Lower Upper

84 100

49 110.5 93.5 140.3

51 35.2 28.6 43.0

86 63.8 52.6 79.0



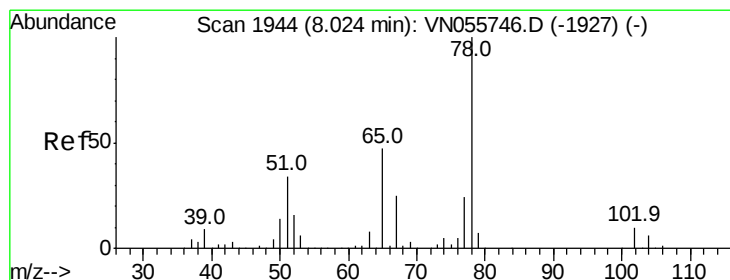
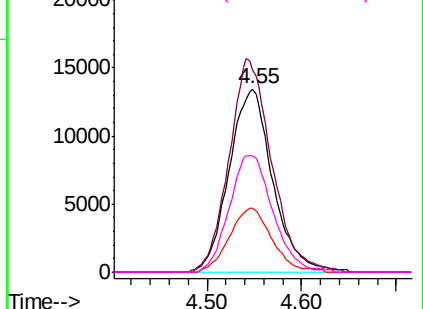
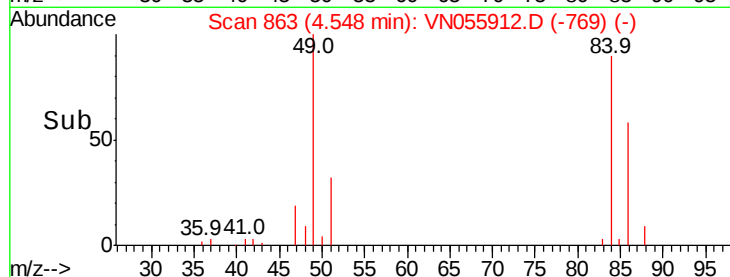
Abundance

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: 48.824 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055912.D

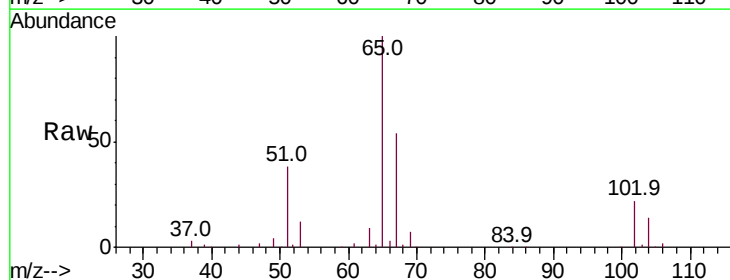
Acq: 31 May 2019 12:12

Tgt Ion: 65 Resp: 190912

Ion Ratio Lower Upper

65 100

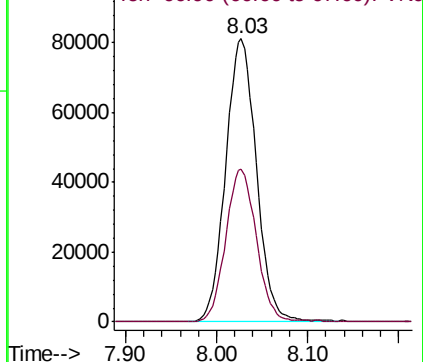
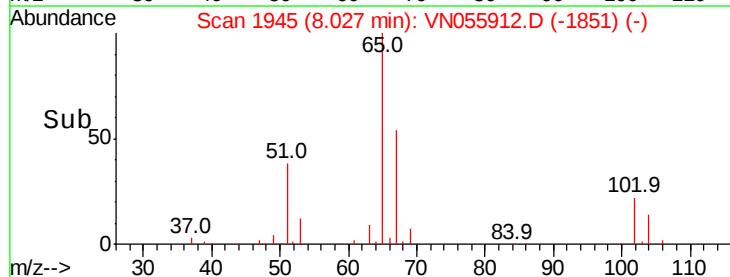
67 53.8 0.0 109.2

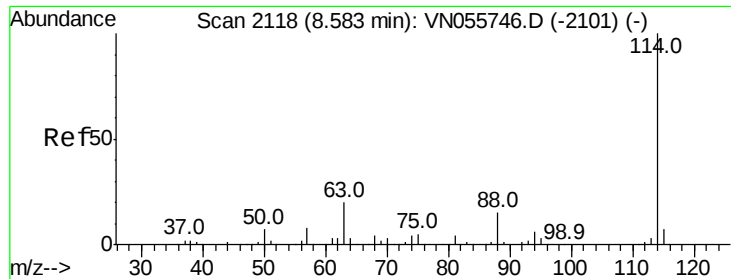


Abundance

Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

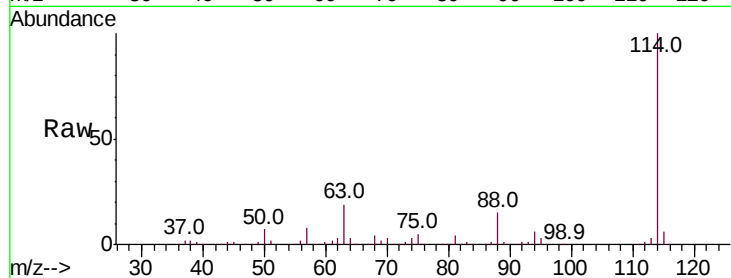




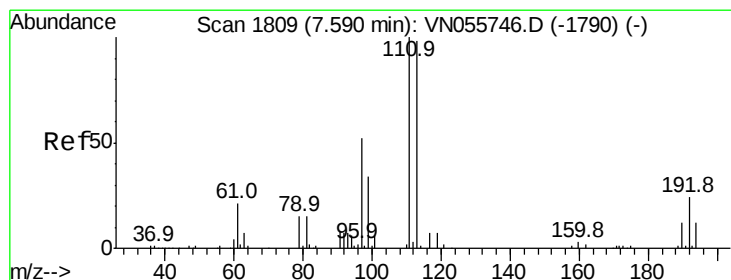
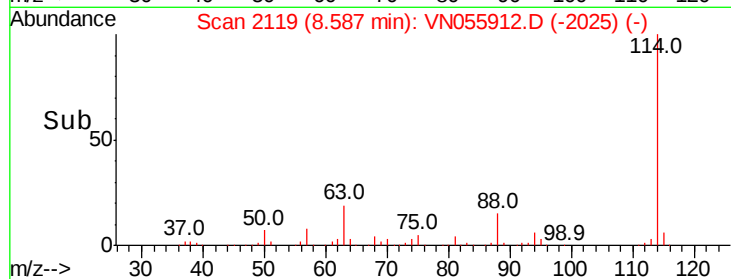
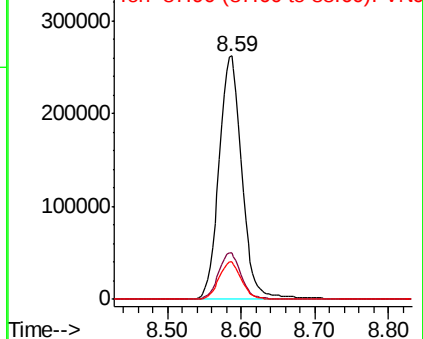
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055912.D
 Acq: 31 May 2019 12:12

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-25-D

Tot Ion:114 Resp: 566275
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.2
 88 15.4 0.0 31.0

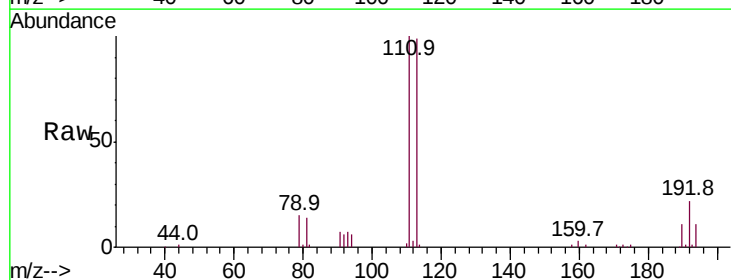


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

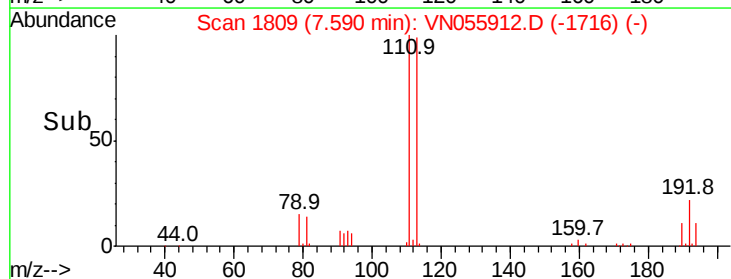
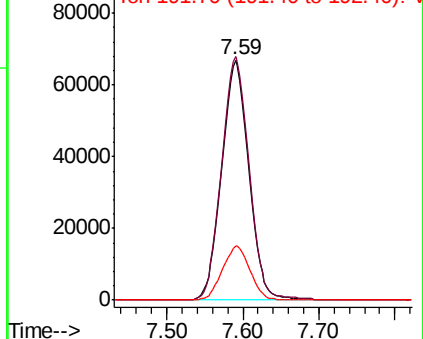


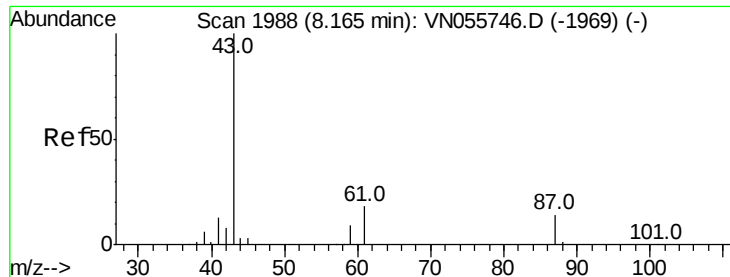
#35
 Dibromofluoromethane
 Concen: 46.676 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055912.D
 Acq: 31 May 2019 12:12

Tgt Ion:113 Resp: 167107
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.9 122.9
 192 22.9 19.5 29.3



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: 1.687 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055912.D

Acq: 31 May 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

TP-25-D

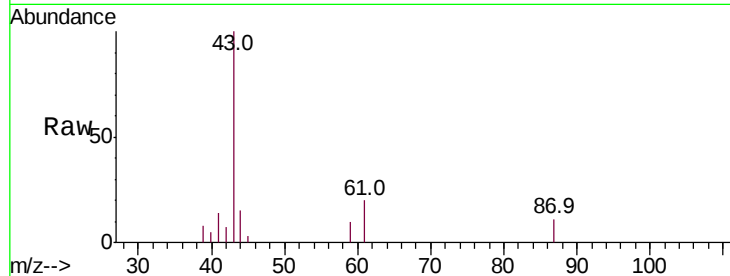
Tot Ion: 43 Resp: 13516

Ion Ratio Lower Upper

43 100

61 18.6 22.2 33.4#

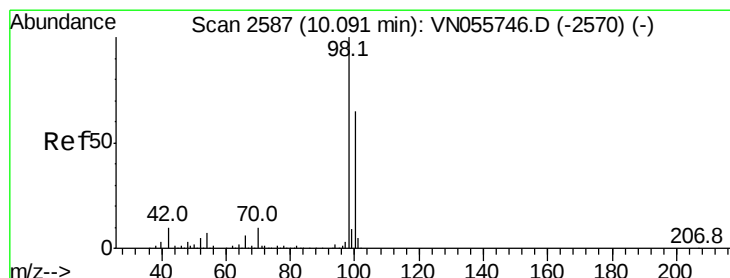
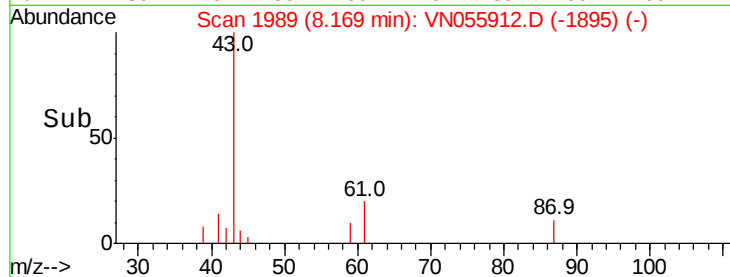
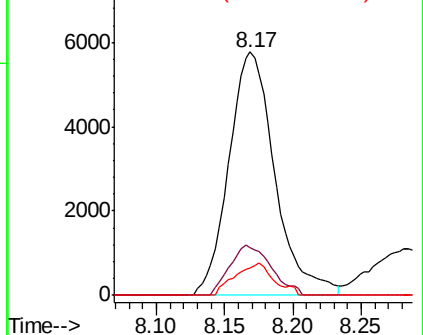
87 11.1 11.4 17.2#



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 61.00 (60.70 to 61.70): VNC

Ion 87.00 (86.70 to 87.70): VNC



#50

Toluene-d8

Concen: 49.241 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055912.D

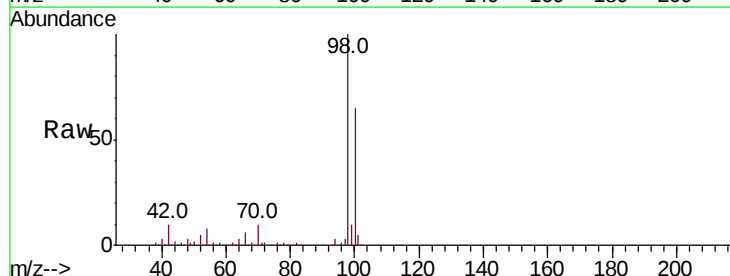
Acq: 31 May 2019 12:12

Tgt Ion: 98 Resp: 676233

Ion Ratio Lower Upper

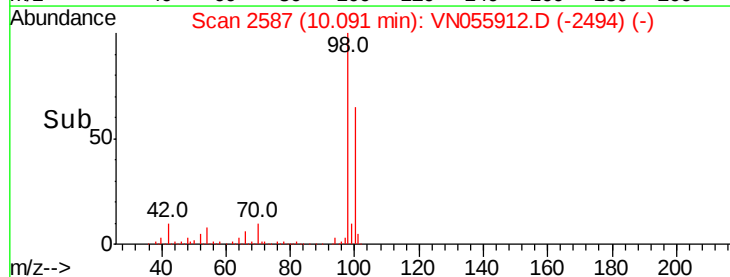
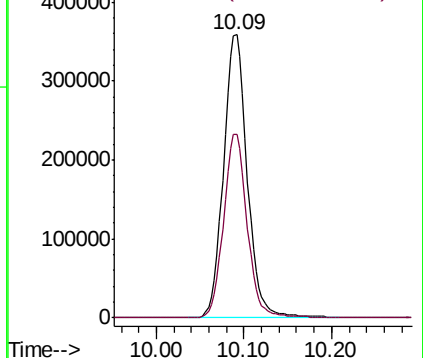
98 100

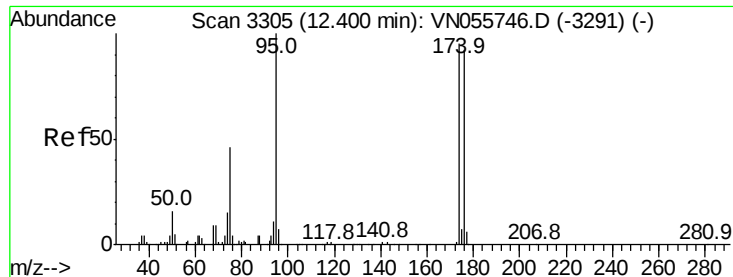
100 64.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VNC

Ion 100.00 (99.70 to 100.70): VNC





#62

4-Bromofluorobenzene

Concen: 47.614 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055912.D

Acq: 31 May 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

TP-25-D

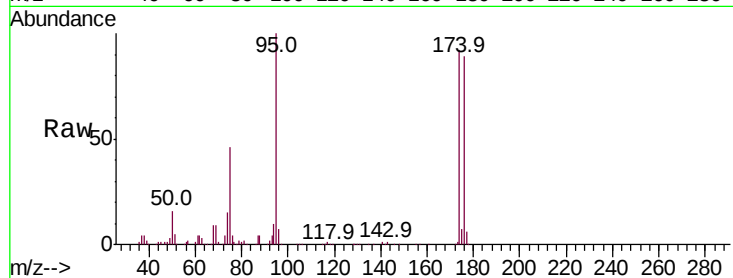
Tot Ion: 95 Resp: 224214

Ion Ratio Lower Upper

95 100

174 91.8 0.0 191.0

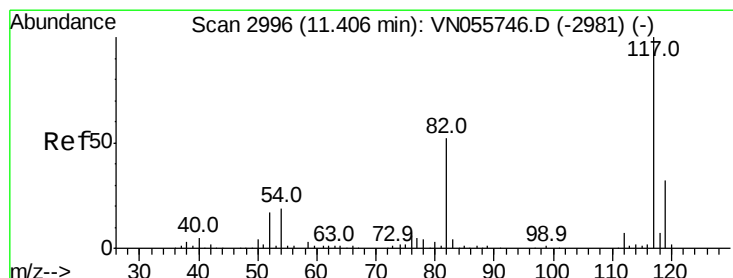
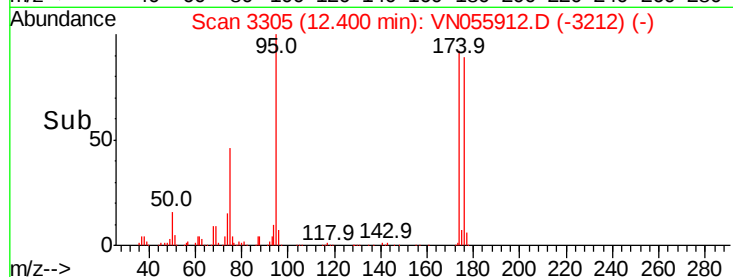
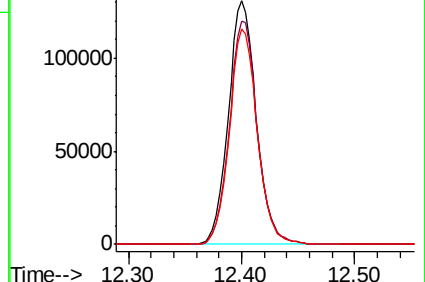
176 88.3 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055912.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055912.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055912.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055912.D

Acq: 31 May 2019 12:12

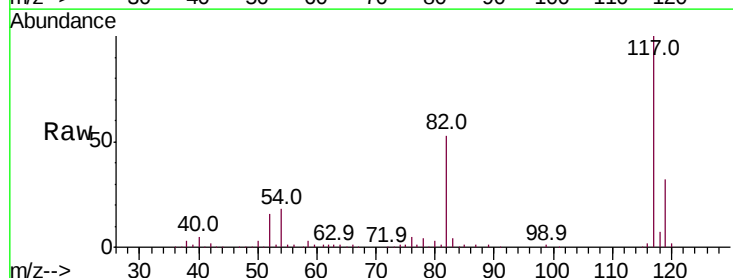
Tgt Ion: 117 Resp: 522812

Ion Ratio Lower Upper

117 100

82 52.6 41.8 62.8

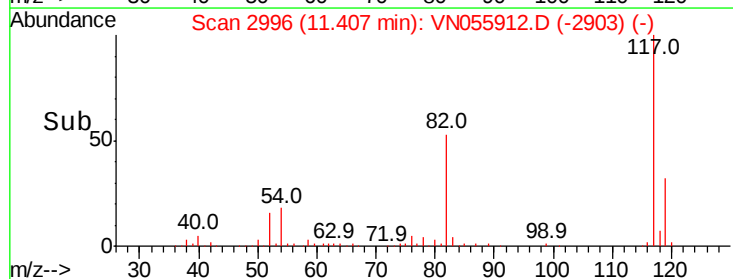
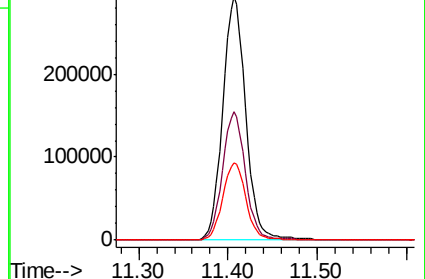
119 31.9 25.4 38.0

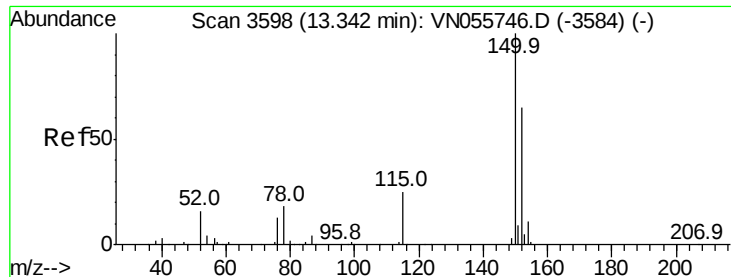


Abundance Ion 116.90 (116.60 to 117.60): VN055912.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055912.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055912.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055912.D

Acq: 31 May 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

TP-25-D

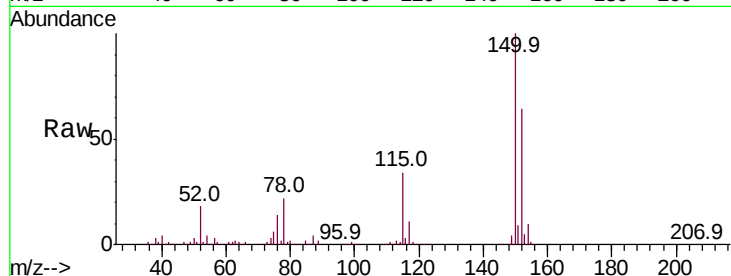
Tot Ion:152 Resp: 187960

Ion Ratio Lower Upper

152 100

115 53.5 27.0 81.0

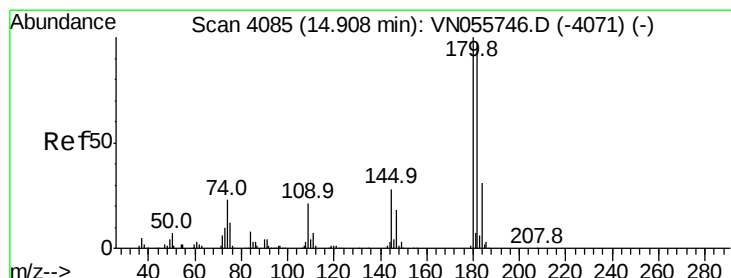
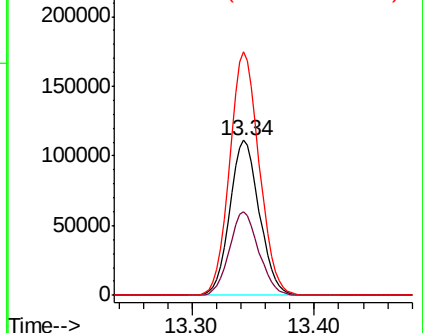
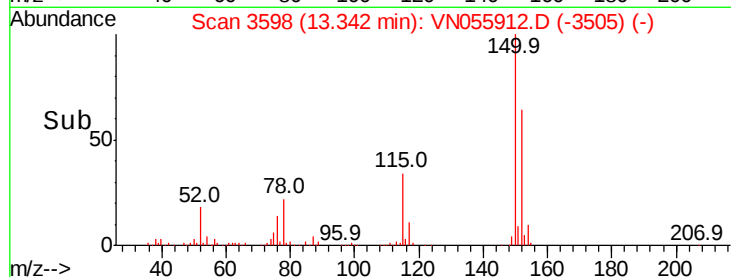
150 156.6 0.0 343.2



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



#93

1,2,4-Trichlorobenzene

Concen: 4.121 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN055912.D

Acq: 31 May 2019 12:12

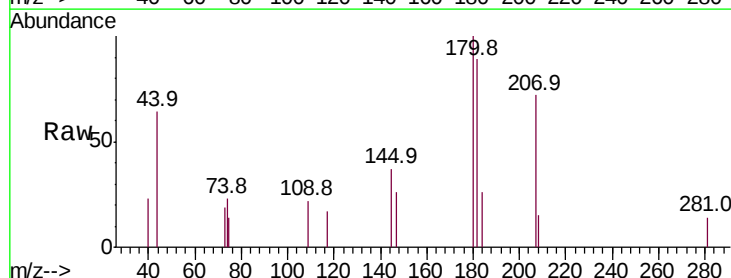
Tgt Ion:180 Resp: 1904

Ion Ratio Lower Upper

180 100

182 98.1 48.3 144.9

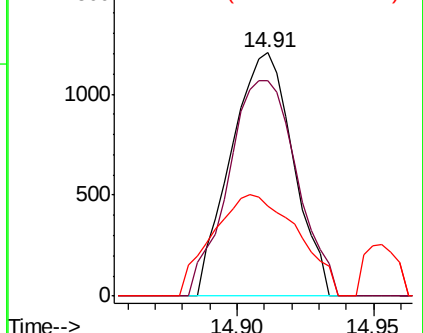
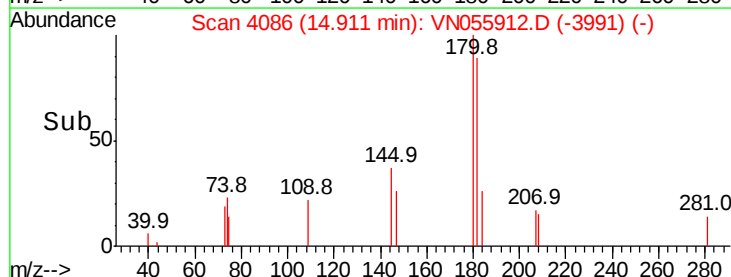
145 57.5 14.0 41.9#

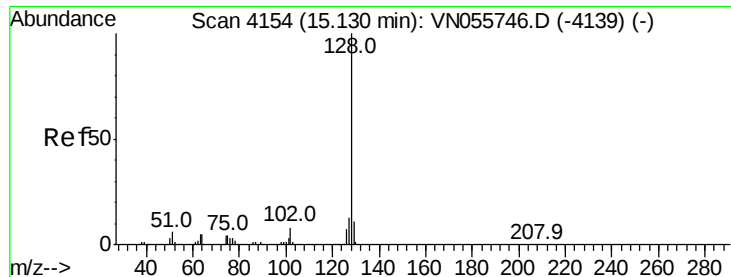


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 8.791 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055912.D

Acq: 31 May 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

TP-25-D

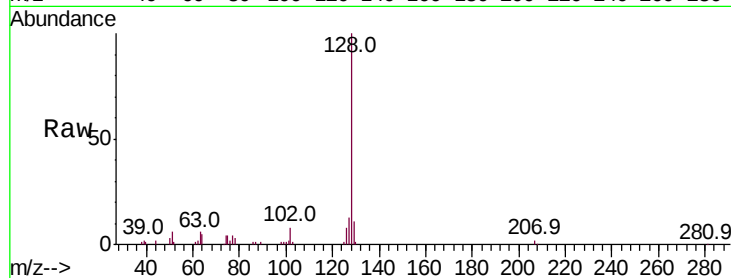
Tot Ion:128 Resp: 76436

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.8 8.7 13.1



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

