

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052819\
 Data File : VN055861.D
 Acq On : 28 May 2019 18:42
 Operator : JC/SP
 Sample : K3041-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2-D

Quant Time: May 29 06:43:01 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

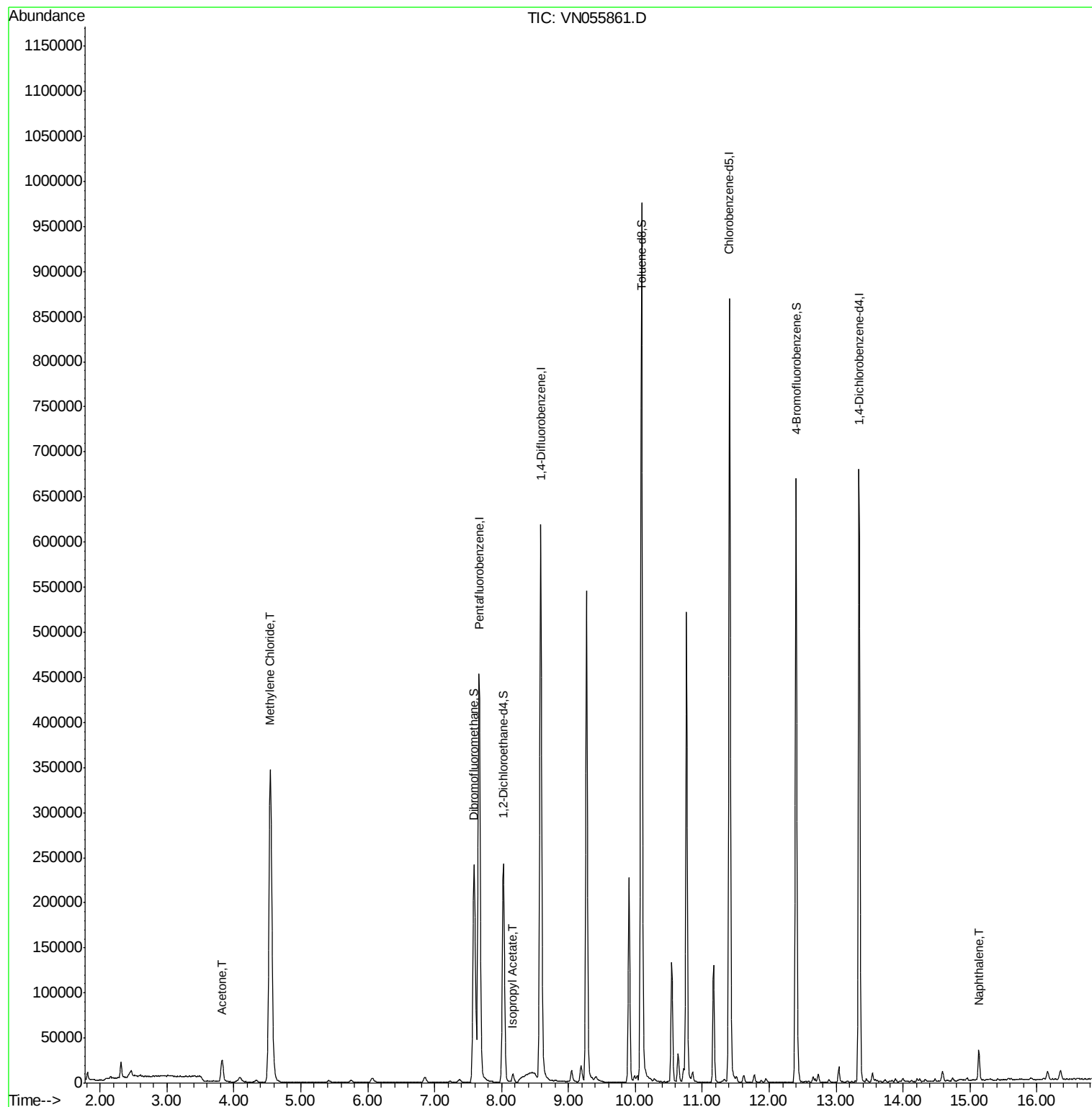
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	444976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	619925	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	559542	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	206155	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	202978	44.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.34%	
35) Dibromofluoromethane	7.59	113	186178	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
50) Toluene-d8	10.09	98	741347	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
62) 4-Bromofluorobenzene	12.40	95	235156	45.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.24%	
Target Compounds						
16) Acetone	3.82	43	40697	20.147	ug/l	99
20) Methylene Chloride	4.55	84	288720	65.998	ug/l	97
43) Isopropyl Acetate	8.17	43	12028	1.371	ug/l #	88
95) Naphthalene	15.13	128	31448	3.298	ug/l	100

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

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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: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055861.D

Acq: 28 May 2019 18:42

Instrument :

MSVOA_N

ClientSampled :

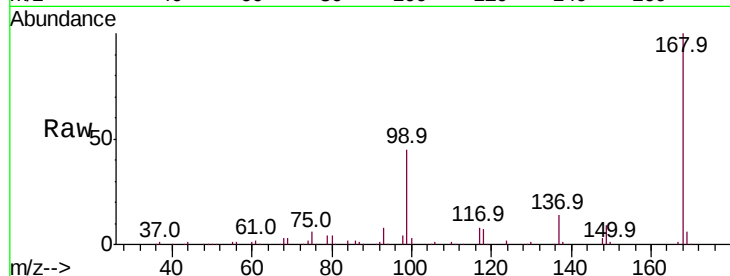
TP-2-D

Tot Ion:168 Resp: 444976

Ion Ratio Lower Upper

168 100

99 44.7 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

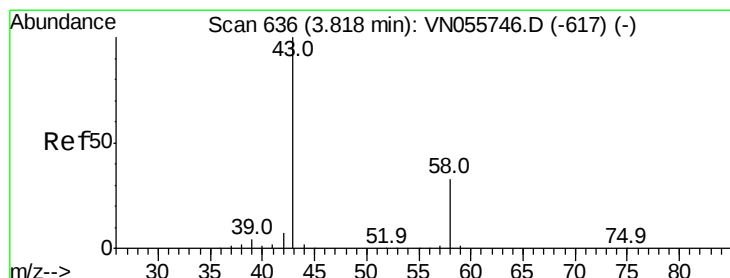
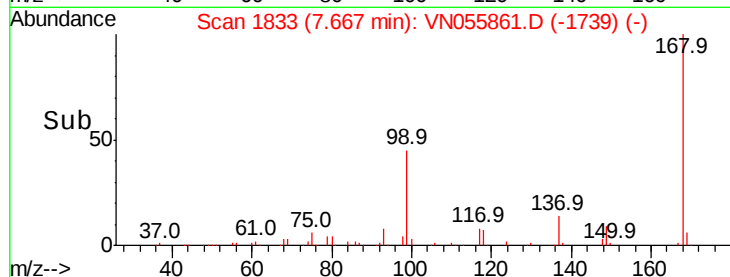
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 20.147 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055861.D

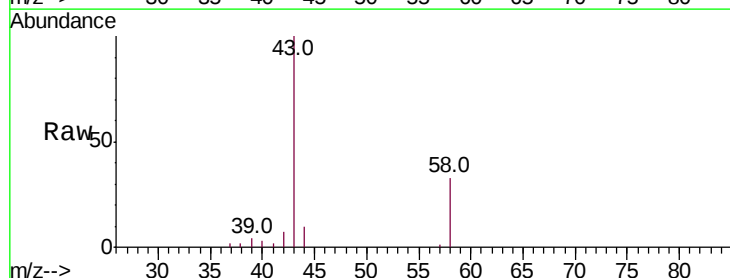
Acq: 28 May 2019 18:42

Tgt Ion: 43 Resp: 40697

Ion Ratio Lower Upper

43 100

58 33.8 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

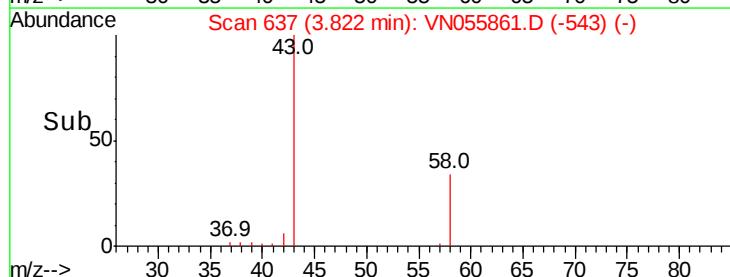
15000

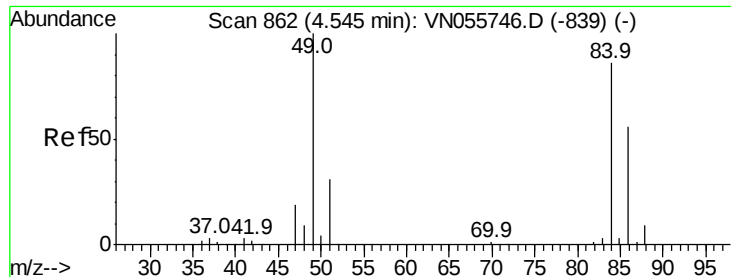
10000

5000

0

Time--> 3.70 3.80 3.90

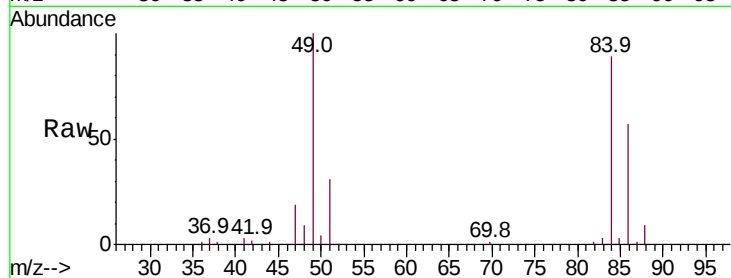




#20
Methvlene Chloride
Concen: 65.998 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN055861.D
Acq: 28 May 2019 18:42

Instrument :
MSVOA_N
ClientSampleId :
TP-2-D

Tot Ion:	84	Resp:	288720
Ion	Ratio	Lower	Upper
84	100		
49	112.9	93.5	140.3
51	34.9	28.6	43.0
86	63.8	52.6	79.0



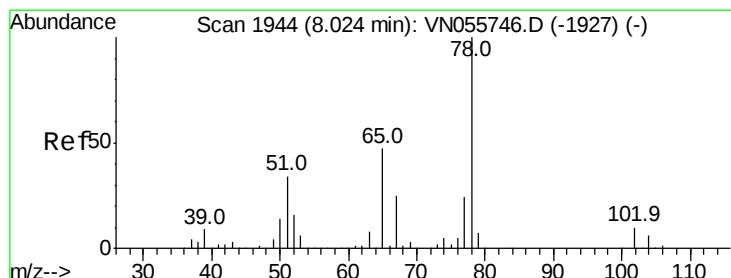
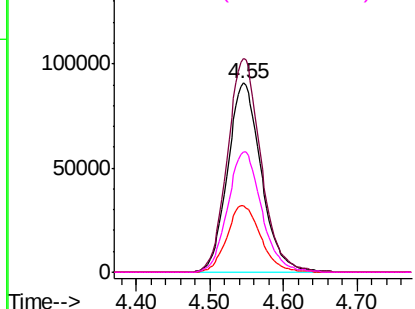
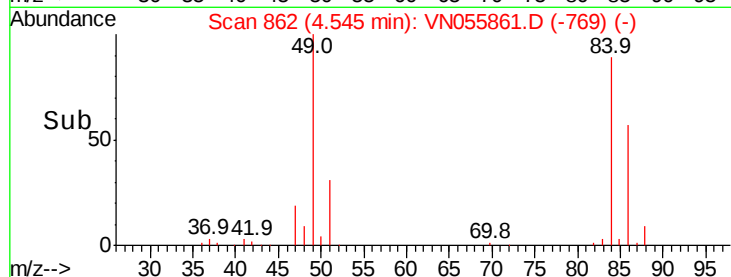
Abundance

Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

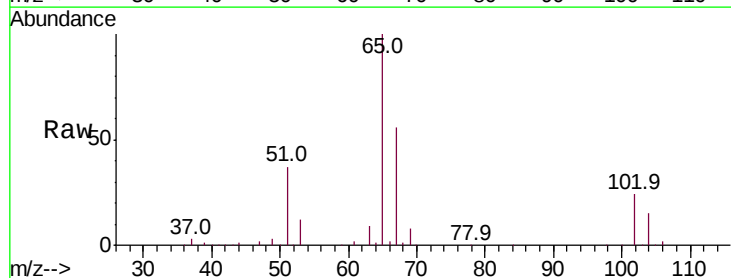
Ion 50.90 (50.60 to 51.60): VNC

Ion 85.90 (85.60 to 86.60): VNC



#33
1,2-Dichloroethane-d4
Concen: 44.170 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055861.D
Acq: 28 May 2019 18:42

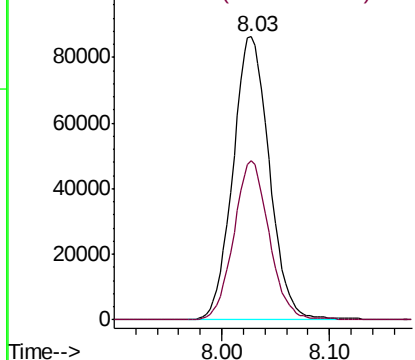
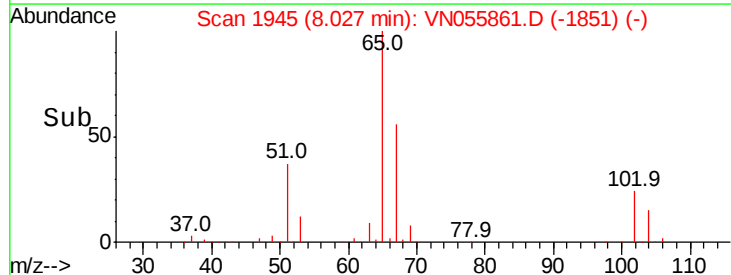
Tgt Ion:	65	Resp:	202978
Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	109.2

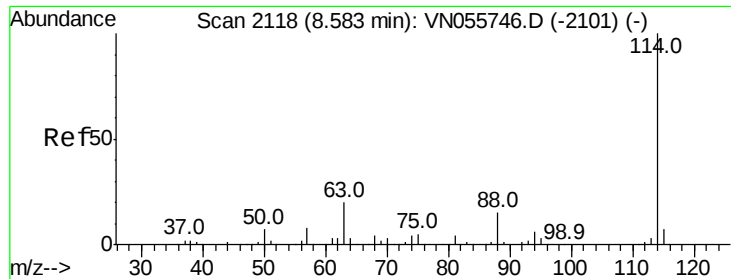


Abundance

Ion 64.90 (64.60 to 65.60): VNC

Ion 66.90 (66.60 to 67.60): VNC

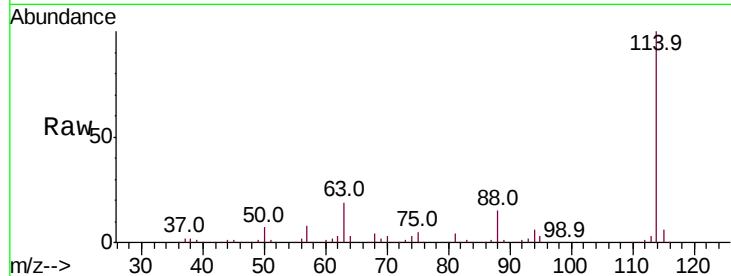




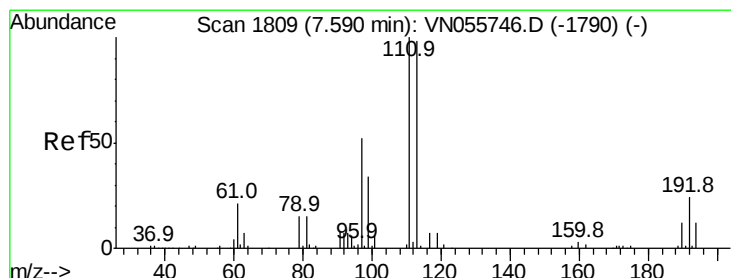
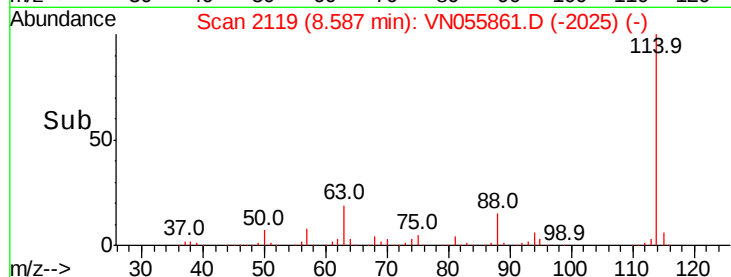
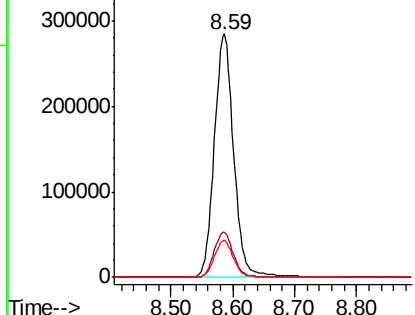
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055861.D
 Acq: 28 May 2019 18:42

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2-D

Tot Ion:114 Resp: 619925
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.2
 88 15.2 0.0 31.0

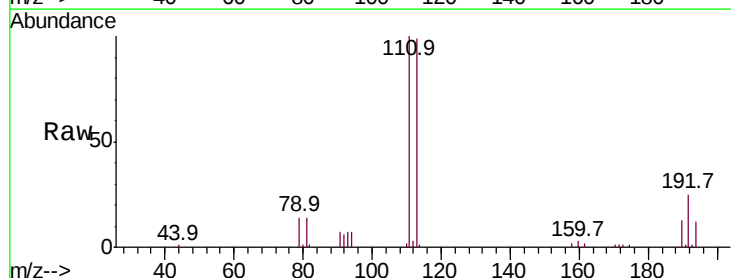


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

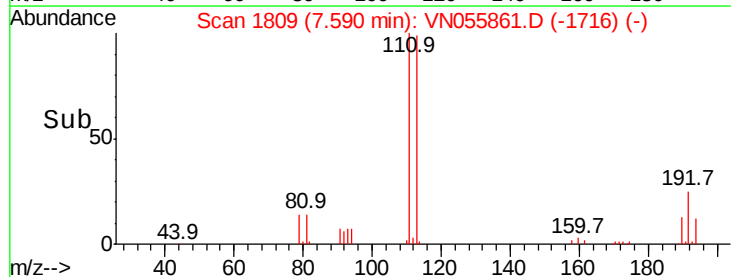
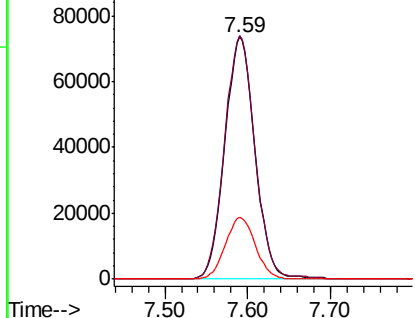


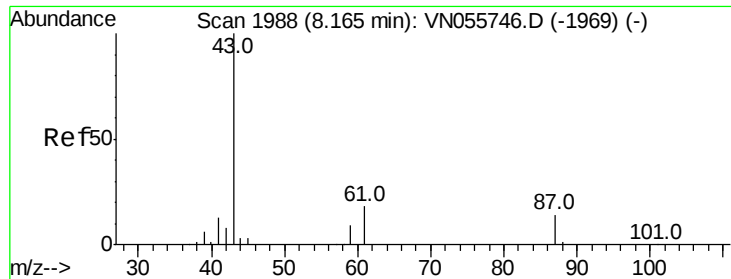
#35
 Dibromofluoromethane
 Concen: 47.502 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055861.D
 Acq: 28 May 2019 18:42

Tgt Ion:113 Resp: 186178
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.9 122.9
 192 25.4 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: 1.371 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055861.D

Acq: 28 May 2019 18:42

Instrument :

MSVOA_N

ClientSampleId :

TP-2-D

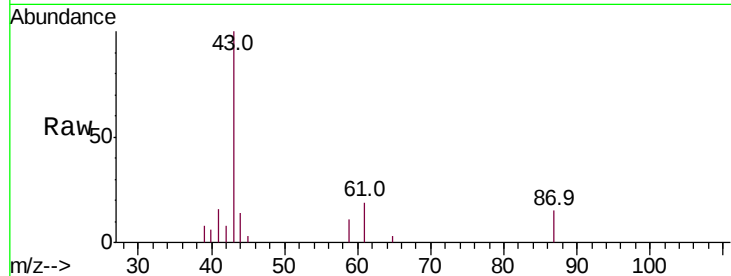
Tot Ion: 43 Resp: 12028

Ion Ratio Lower Upper

43 100

61 18.6 22.2 33.4#

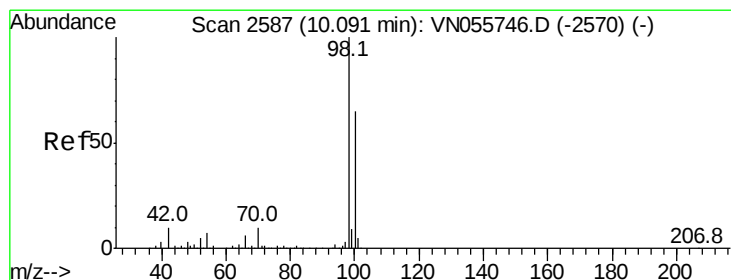
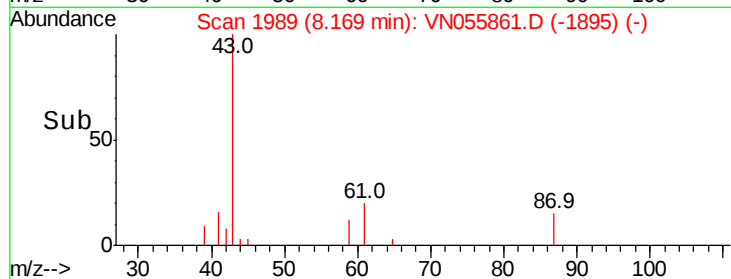
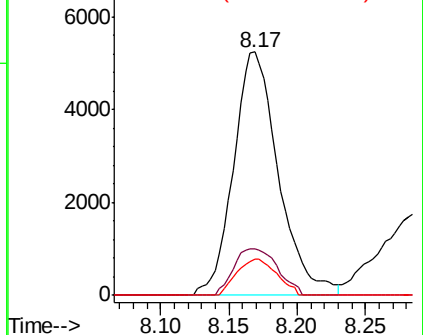
87 13.2 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO



#50

Toluene-d8

Concen: 49.310 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055861.D

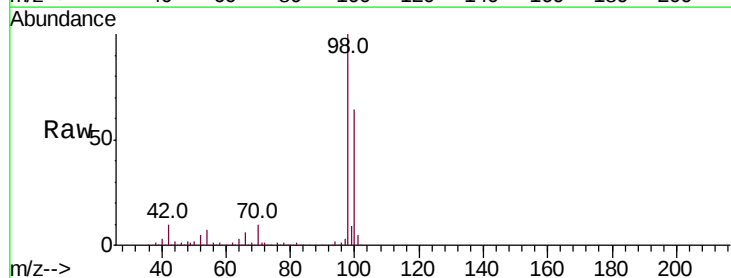
Acq: 28 May 2019 18:42

Tgt Ion: 98 Resp: 741347

Ion Ratio Lower Upper

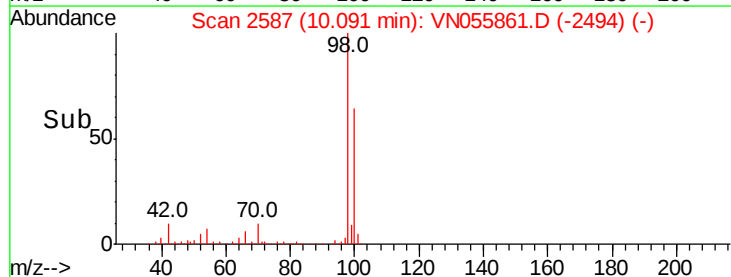
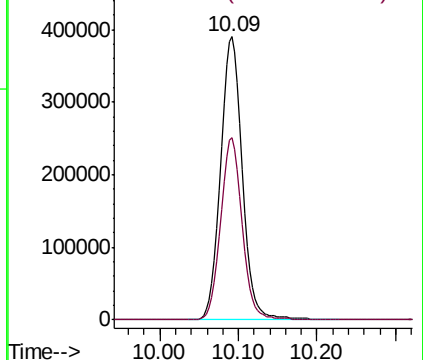
98 100

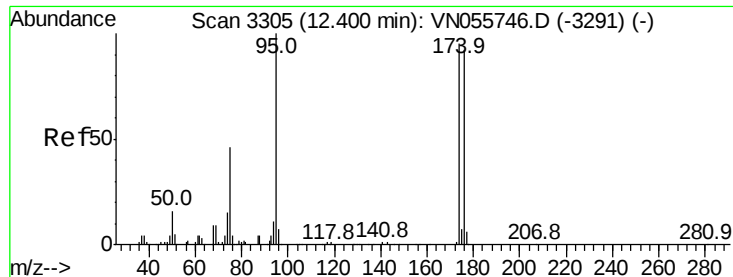
100 63.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VNO

Ion 100.00 (99.70 to 100.70): VNO





#62

4-Bromofluorobenzene

Concen: 45.616 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055861.D

Acq: 28 May 2019 18:42

Instrument :

MSVOA_N

ClientSampleId :

TP-2-D

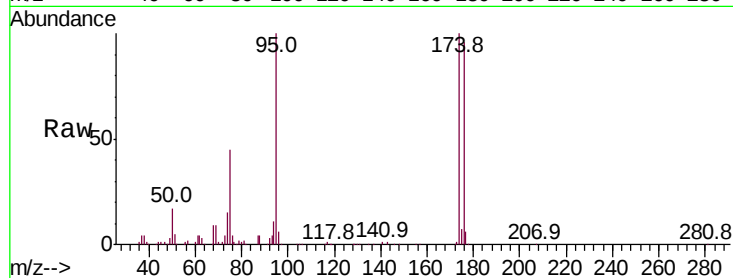
Tot Ion: 95 Resp: 235156

Ion Ratio Lower Upper

95 100

174 99.3 0.0 191.0

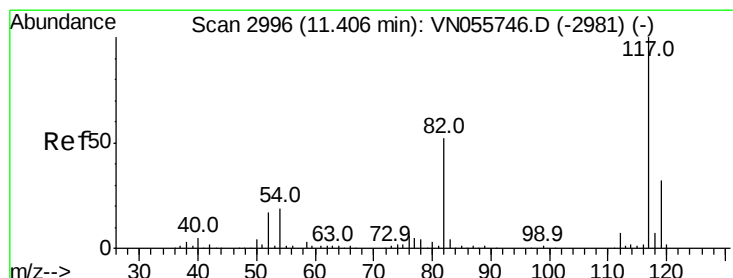
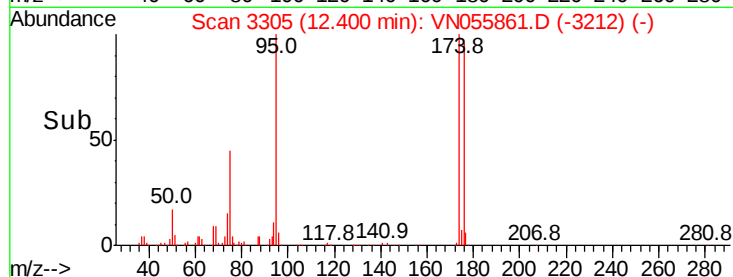
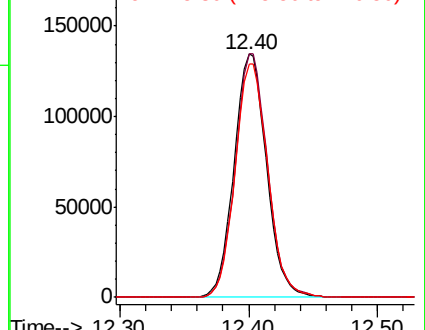
176 96.6 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055861.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055861.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055861.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055861.D

Acq: 28 May 2019 18:42

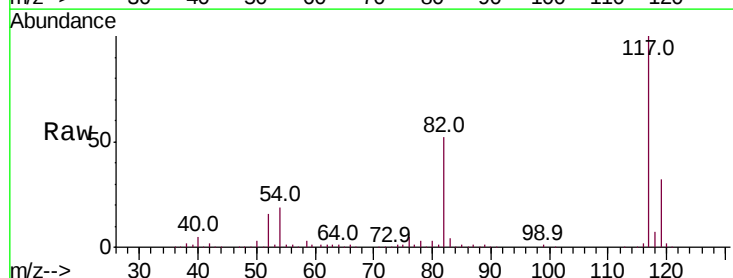
Tgt Ion: 117 Resp: 559542

Ion Ratio Lower Upper

117 100

82 52.3 41.8 62.8

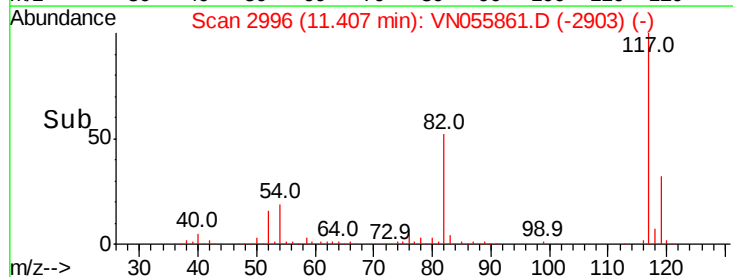
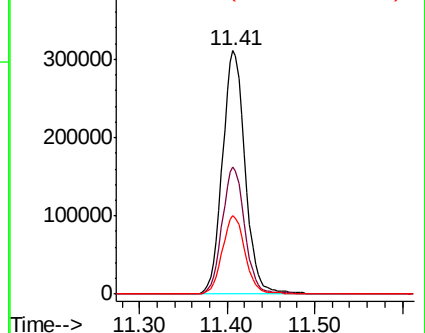
119 32.0 25.4 38.0

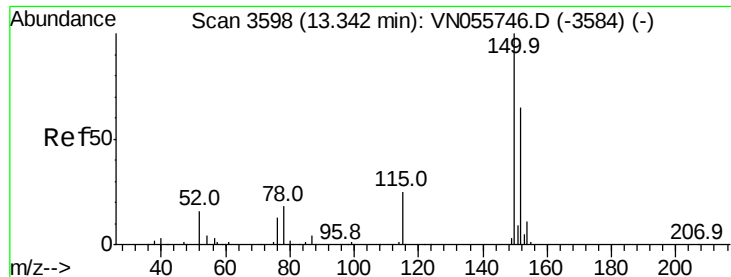


Abundance Ion 116.90 (116.60 to 117.60): VN055861.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055861.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055861.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: VN055861.D

Acq: 28 May 2019 18:42

Instrument :

MSVOA_N

ClientSampled :

TP-2-D

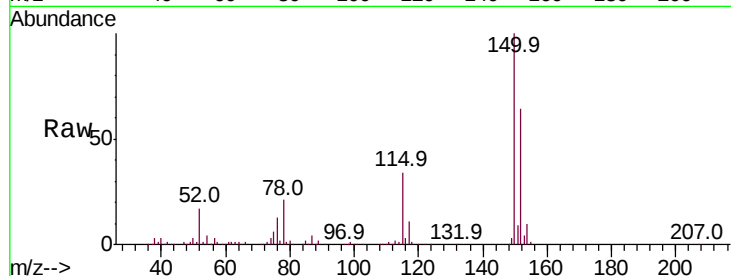
Tot Ion:152 Resp: 206155

Ion Ratio Lower Upper

152 100

115 52.7 27.0 81.0

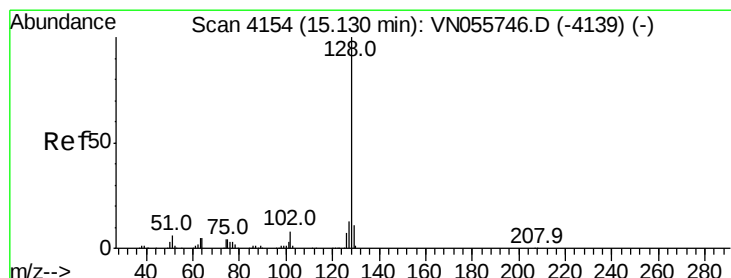
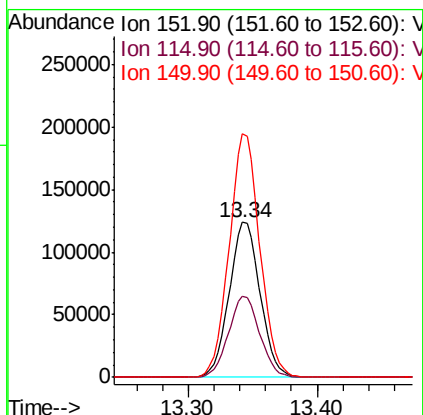
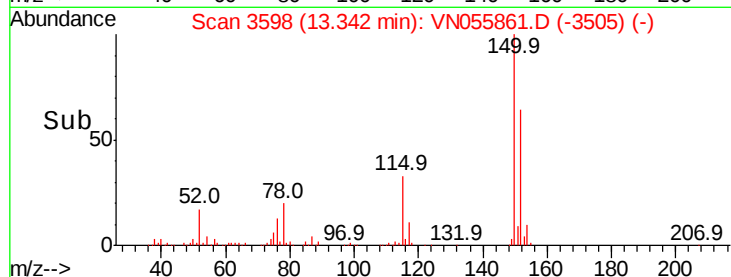
150 155.4 0.0 343.2



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



#95

Naphthalene

Concen: 3.298 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055861.D

Acq: 28 May 2019 18:42

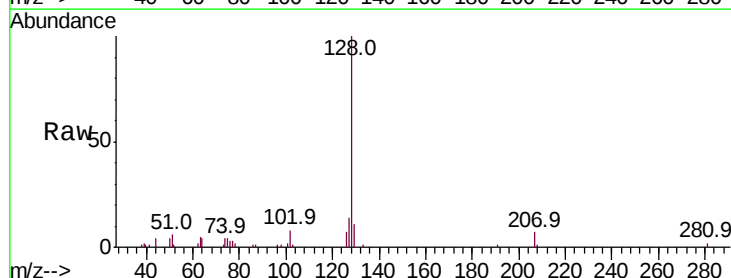
Tgt Ion:128 Resp: 31448

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.1 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

