

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041819\
 Data File : VN055124.D
 Acq On : 18 Apr 2019 16:36
 Operator : JC/SP
 Sample : K2193-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-05-041719-C

Quant Time: Apr 19 03:02:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

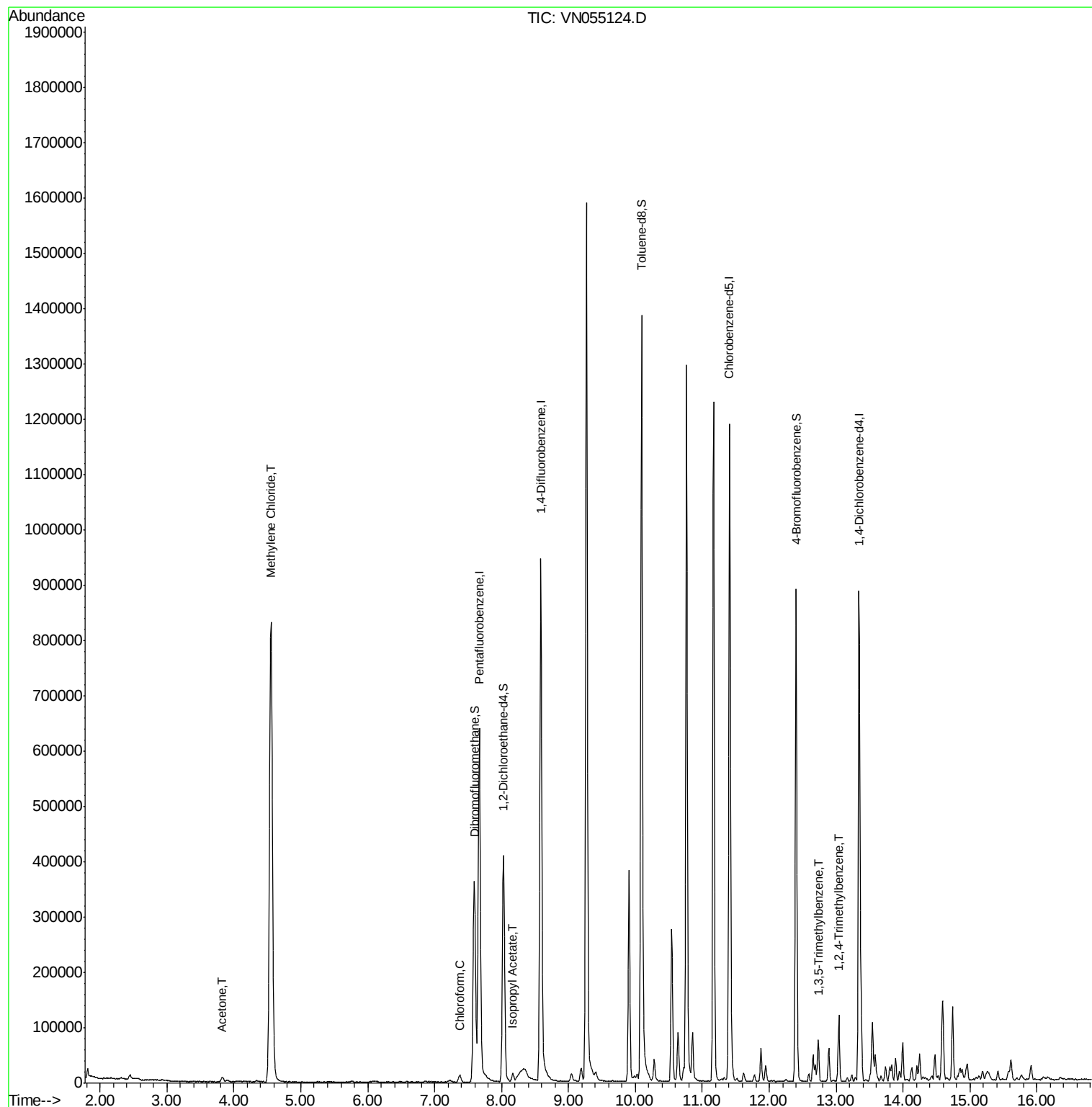
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	553619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	873958	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	718000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	241805	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	353526	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
35) Dibromofluoromethane	7.59	113	278101	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
50) Toluene-d8	10.09	98	1023953	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
62) 4-Bromofluorobenzene	12.40	95	302588	44.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.04%	
Target Compounds						
16) Acetone	3.82	43	15000	7.510	ug/l	93
20) Methylene Chloride	4.55	84	591989	84.312	ug/l	97
30) Chloroform	7.38	83	13026	1.139	ug/l	93
43) Isopropyl Acetate	8.17	43	17375	1.681	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	40485	2.338	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	67888	4.137	ug/l	100

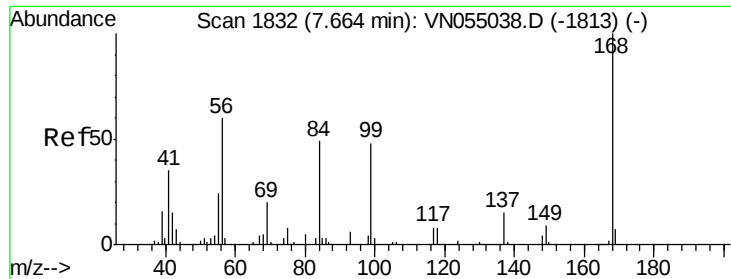
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055124.D

Acq: 18 Apr 2019 16:36

Instrument :

MSVOA_N

ClientSampleId :

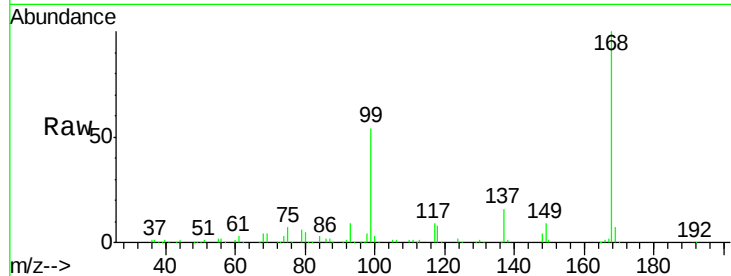
HR-05-041719-C

Tot Ion:168 Resp: 553619

Ion Ratio Lower Upper

168 100

99 53.8 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

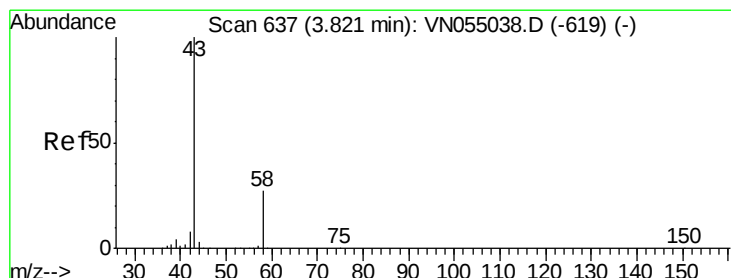
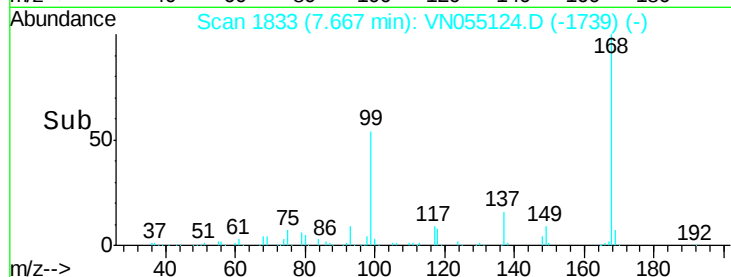
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.510 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN055124.D

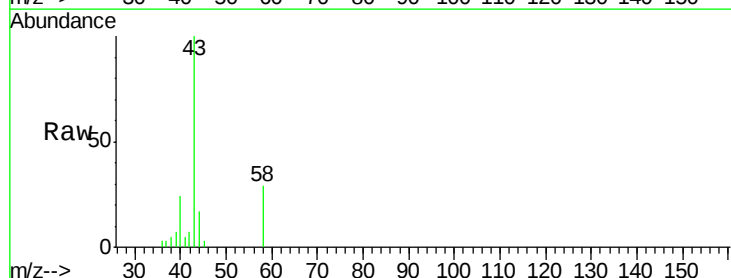
Acq: 18 Apr 2019 16:36

Tgt Ion: 43 Resp: 15000

Ion Ratio Lower Upper

43 100

58 29.5 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

6000

5000

4000

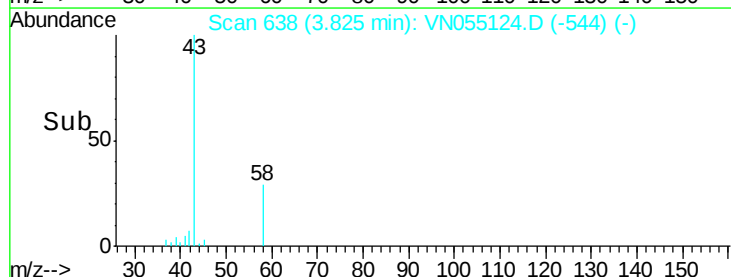
3000

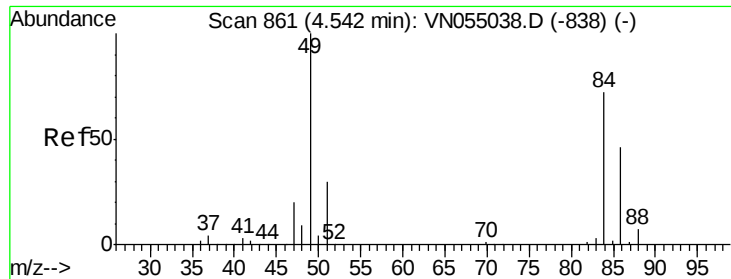
2000

1000

0

Time-->

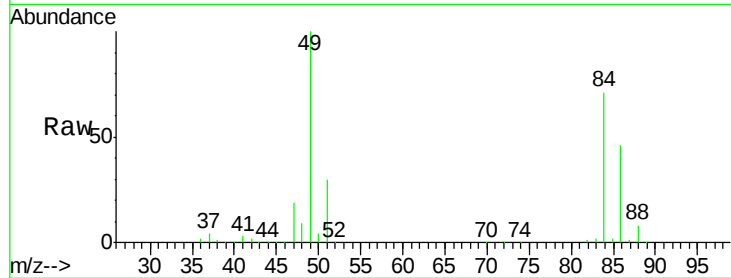




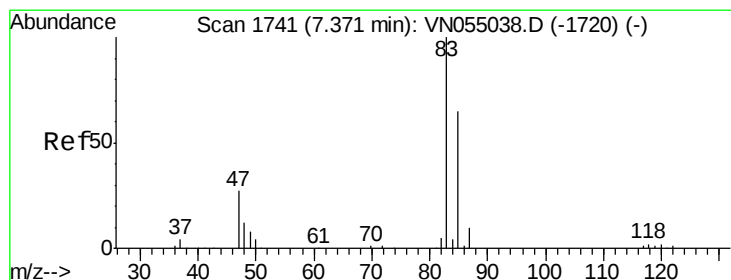
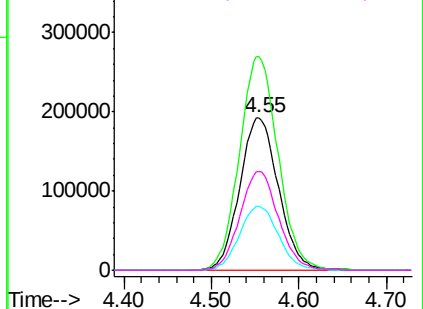
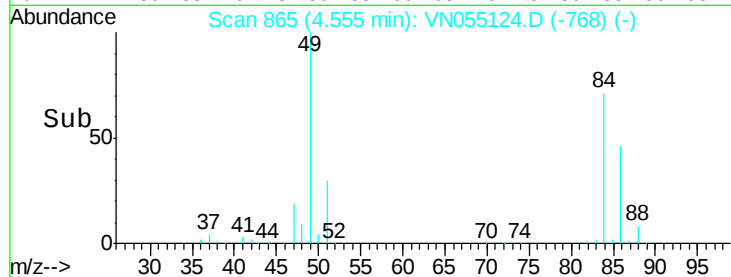
#20
Methvlene Chloride
Concen: 84.312 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.01 min
Lab File: VN055124.D
Acq: 18 Apr 2019 16:36

Instrument :
MSVOA_N
ClientSampleId :
HR-05-041719-C

Tot Ion: 84 Resp: 591989
Ion Ratio Lower Upper
84 100
49 139.9 109.4 164.2
51 42.0 32.2 48.4
86 64.9 49.3 73.9

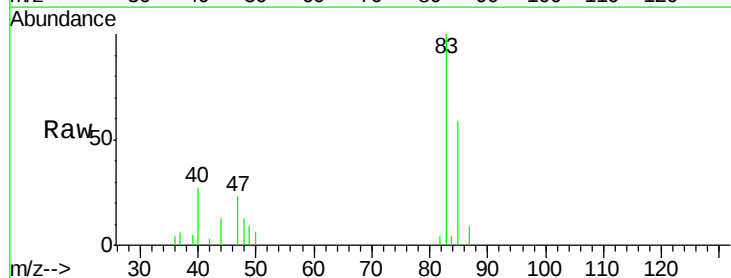


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

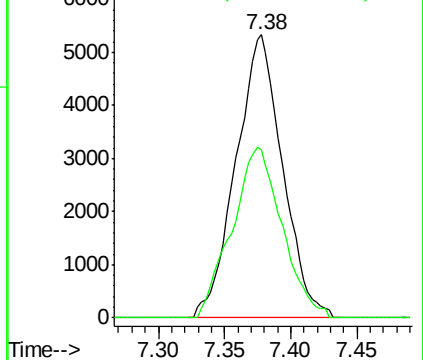
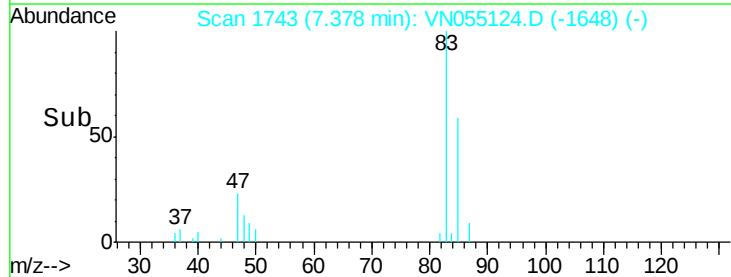


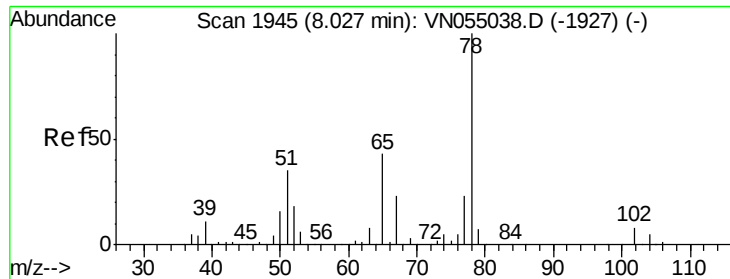
#30
Chloroform
Concen: 1.139 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.01 min
Lab File: VN055124.D
Acq: 18 Apr 2019 16:36

Tgt Ion: 83 Resp: 13026
Ion Ratio Lower Upper
83 100
85 59.4 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VNC
Ion 84.90 (84.60 to 85.60): VNC

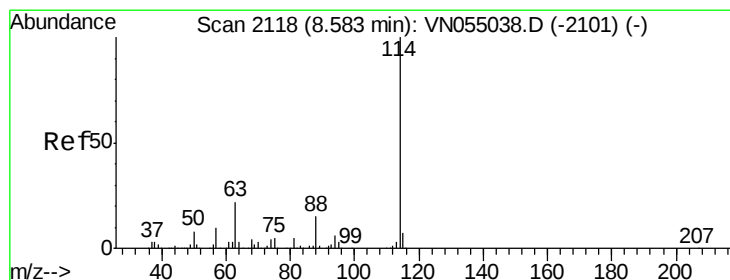
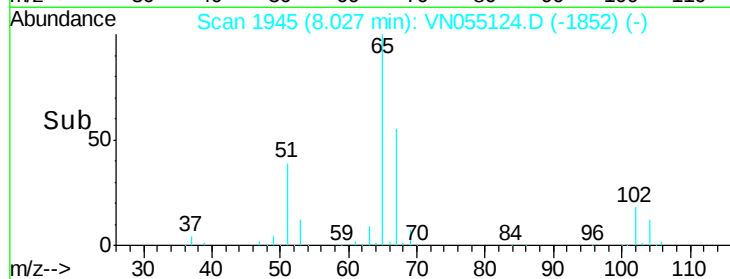
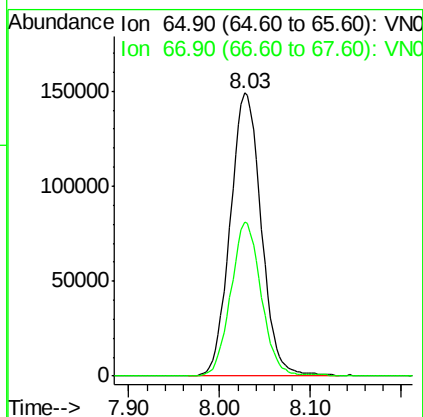
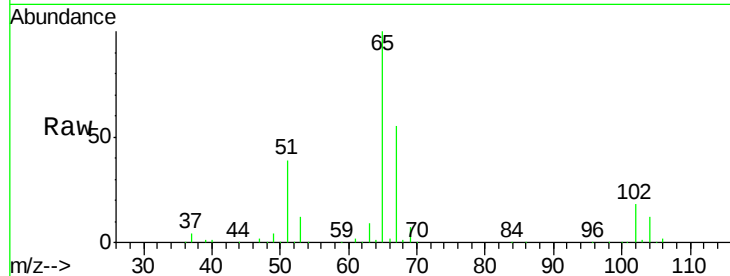




#33
 1,2-Dichloroethane-d4
 Concen: 48.040 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055124.D
 Acq: 18 Apr 2019 16:36

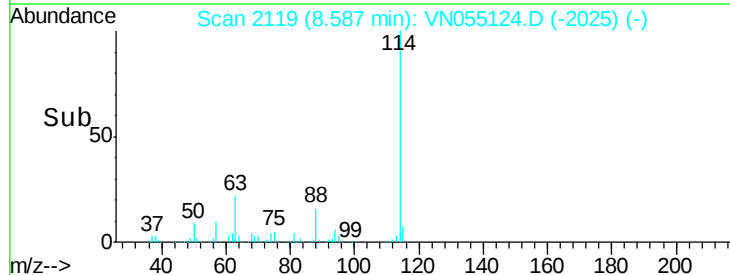
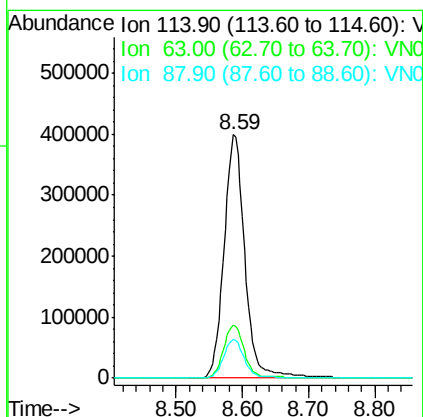
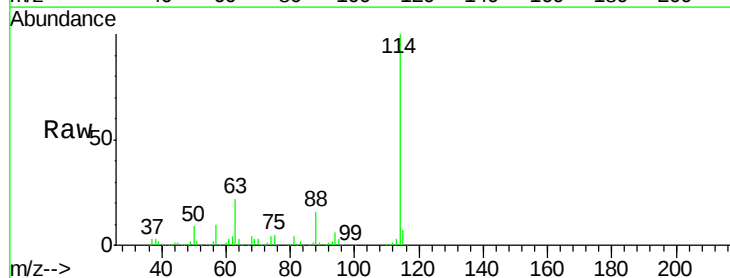
Instrument :
 MSVOA_N
 ClientSampleId :
 HR-05-041719-C

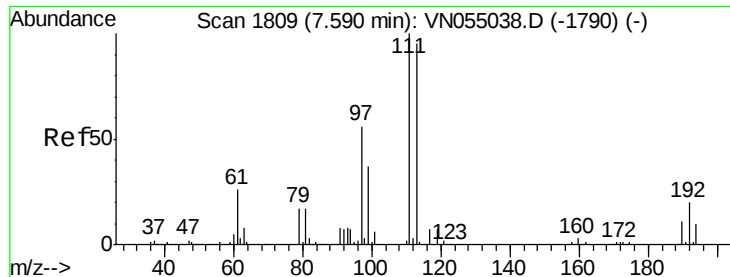
Tot Ion: 65 Resp: 353526
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055124.D
 Acq: 18 Apr 2019 16:36

Tgt Ion: 114 Resp: 873958
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 45.2
 88 15.8 0.0 31.8

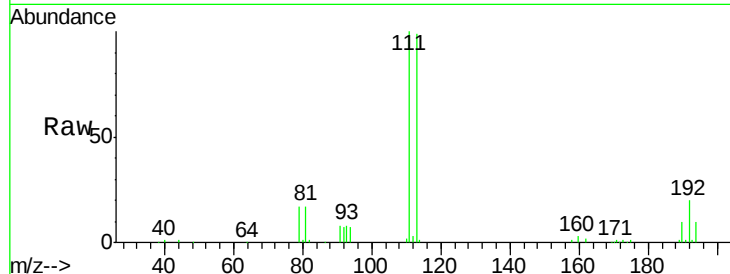




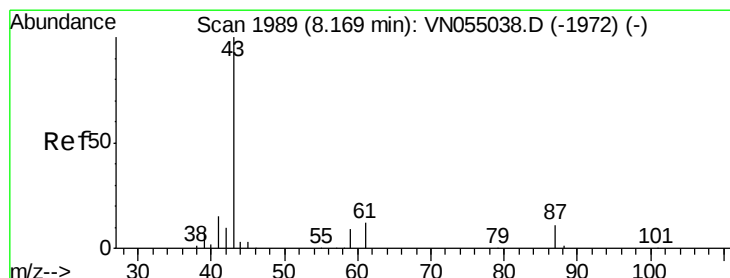
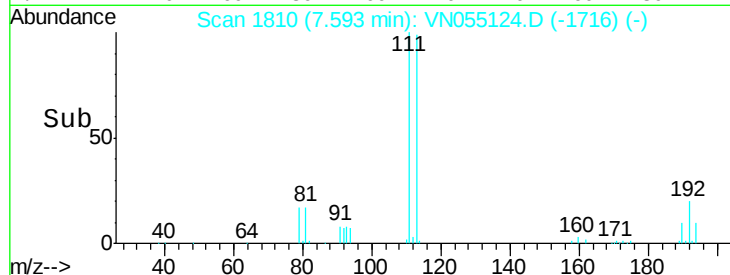
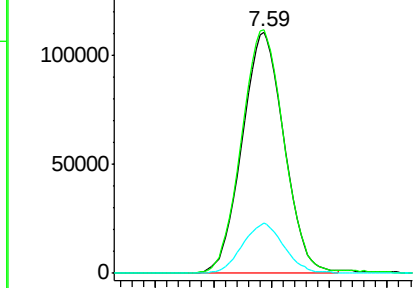
#35
 Dibromofluoromethane
 Concen: 47.614 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055124.D
 Acq: 18 Apr 2019 16:36

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-05-041719-C

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.1	123.1
192	20.7	16.5	24.7

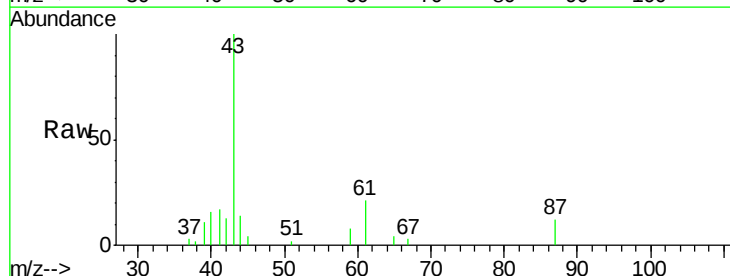


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

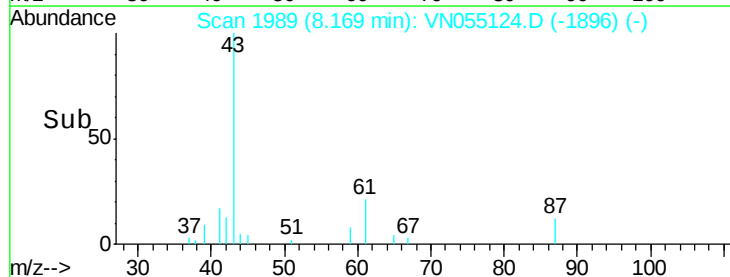
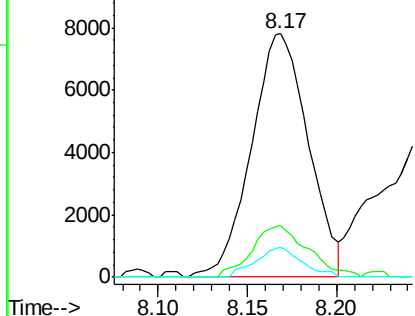


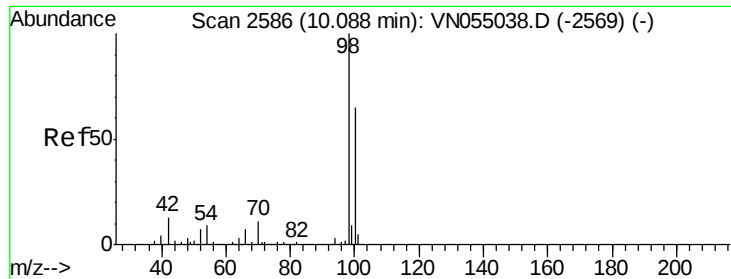
#43
 Isopropyl Acetate
 Concen: 1.681 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN055124.D
 Acq: 18 Apr 2019 16:36

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.7	14.3	21.5
87	10.1	8.6	13.0



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: 48.983 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055124.D

Acq: 18 Apr 2019 16:36

Instrument :

MSVOA_N

ClientSampleId :

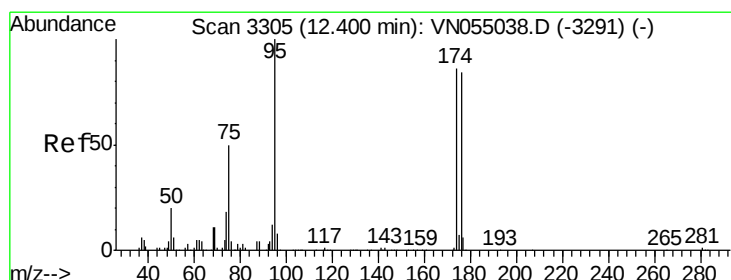
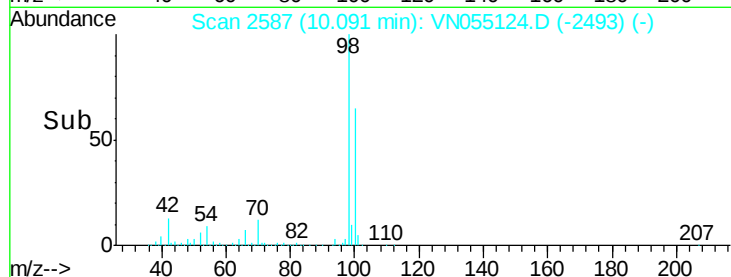
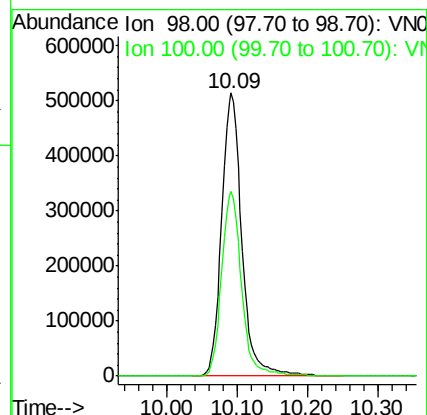
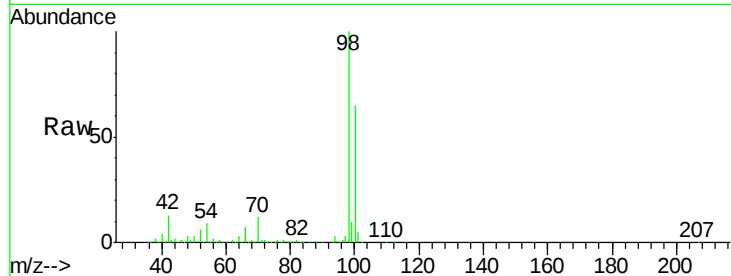
HR-05-041719-C

Tot Ion: 98 Resp: 1023953

Ion Ratio Lower Upper

98 100

100 64.6 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 44.525 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055124.D

Acq: 18 Apr 2019 16:36

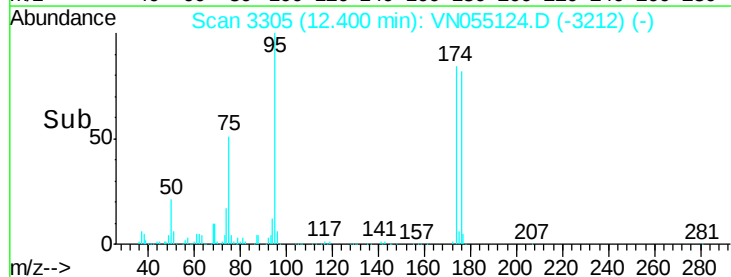
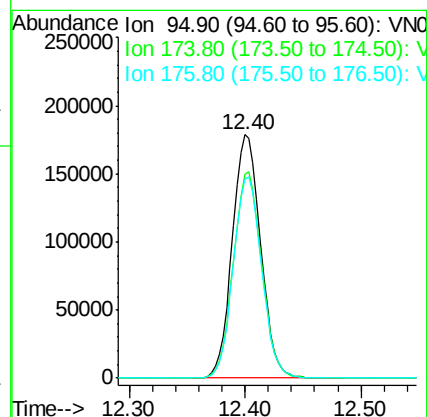
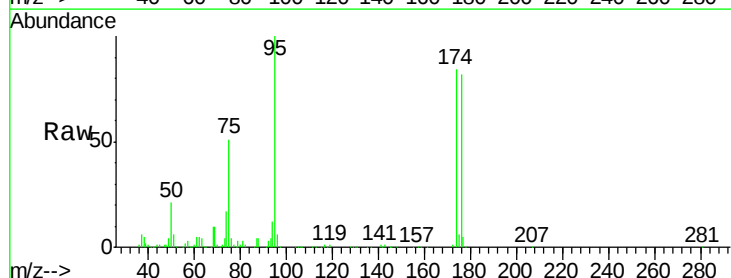
Tgt Ion: 95 Resp: 302588

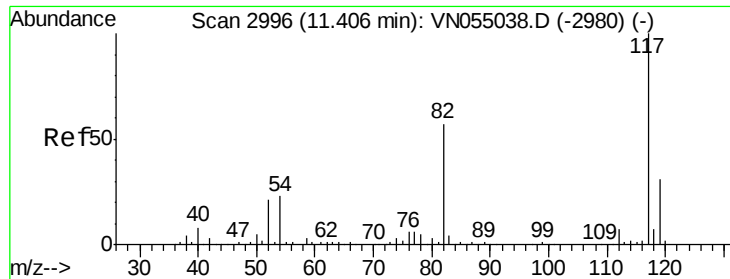
Ion Ratio Lower Upper

95 100

174 84.6 0.0 174.4

176 82.5 0.0 166.8

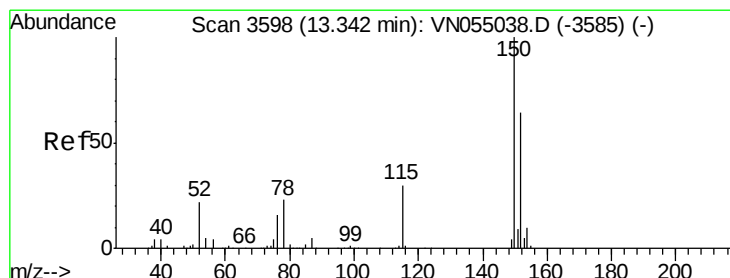
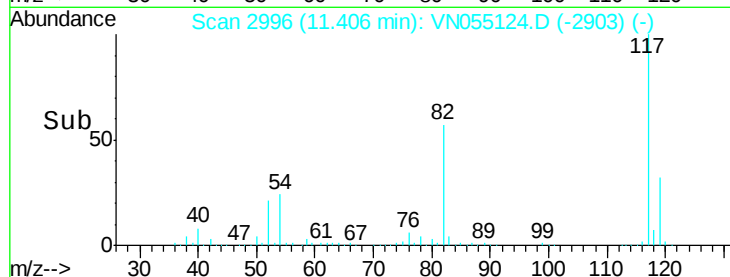
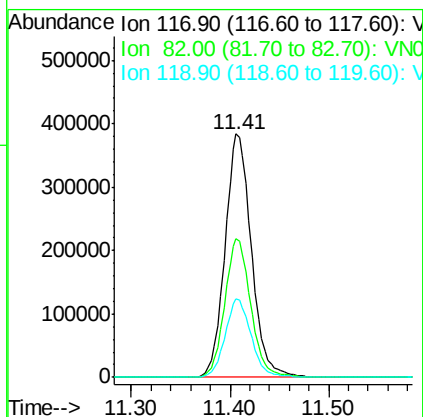
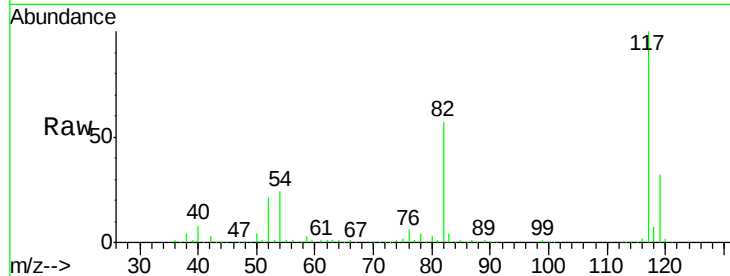




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055124.D
Acq: 18 Apr 2019 16:36

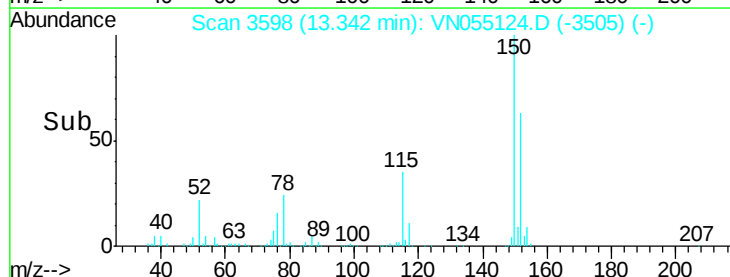
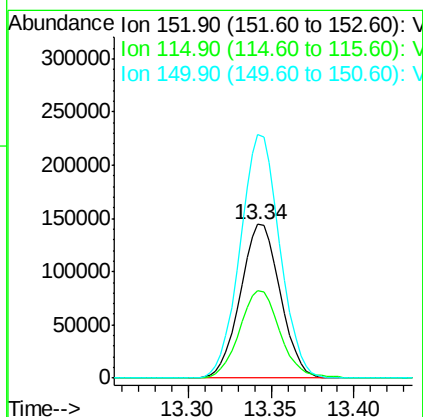
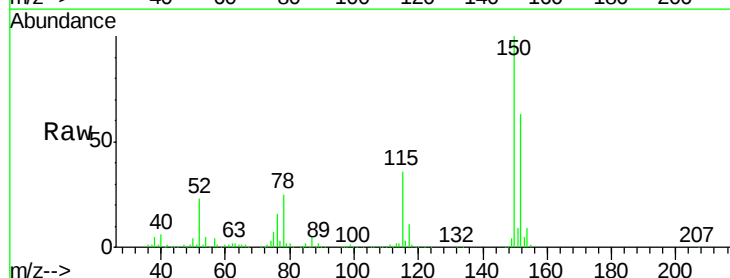
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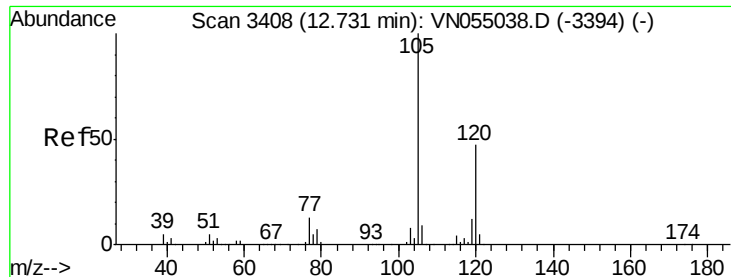
Tot Ion:117 Resp: 718000
Ion Ratio Lower Upper
117 100
82 57.0 44.6 66.8
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055124.D
Acq: 18 Apr 2019 16:36

Tgt Ion:152 Resp: 241805
Ion Ratio Lower Upper
152 100
115 58.0 28.5 85.6
150 157.0 0.0 347.2

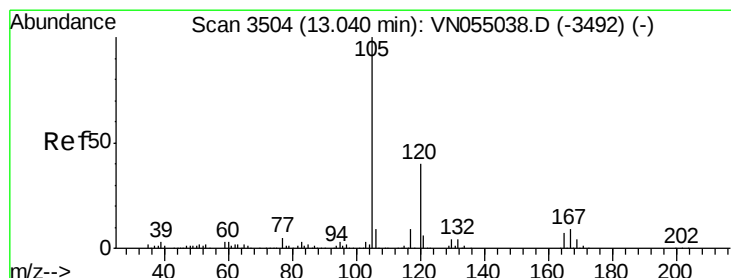
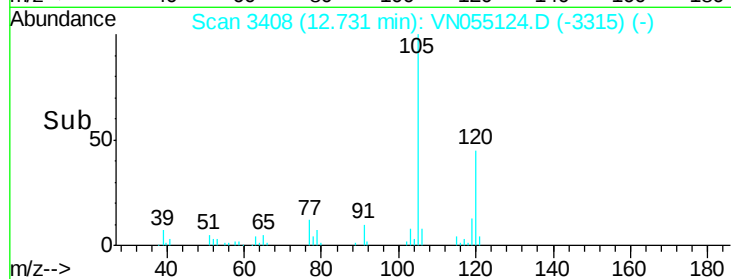
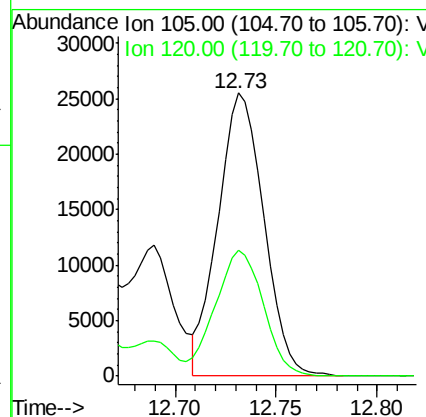
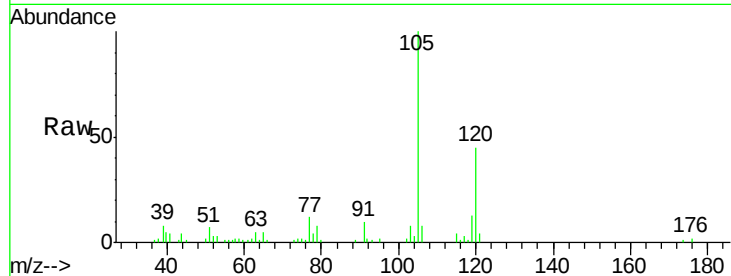




#80
 1,3,5-Trimethylbenzene
 Concen: 2.338 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055124.D
 Acq: 18 Apr 2019 16:36

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-05-041719-C

Tot Ion:105 Resp: 40485
 Ion Ratio Lower Upper
 105 100
 120 46.6 24.3 72.8



#84
 1,2,4-Trimethylbenzene
 Concen: 4.137 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055124.D
 Acq: 18 Apr 2019 16:36

Tgt Ion:105 Resp: 67888
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.4 67.3

