

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040219\
 Data File : VN054907.D
 Acq On : 2 Apr 2019 17:36
 Operator : JC/SP
 Sample : K2196-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HD-01-040119

Quant Time: Apr 03 06:46:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

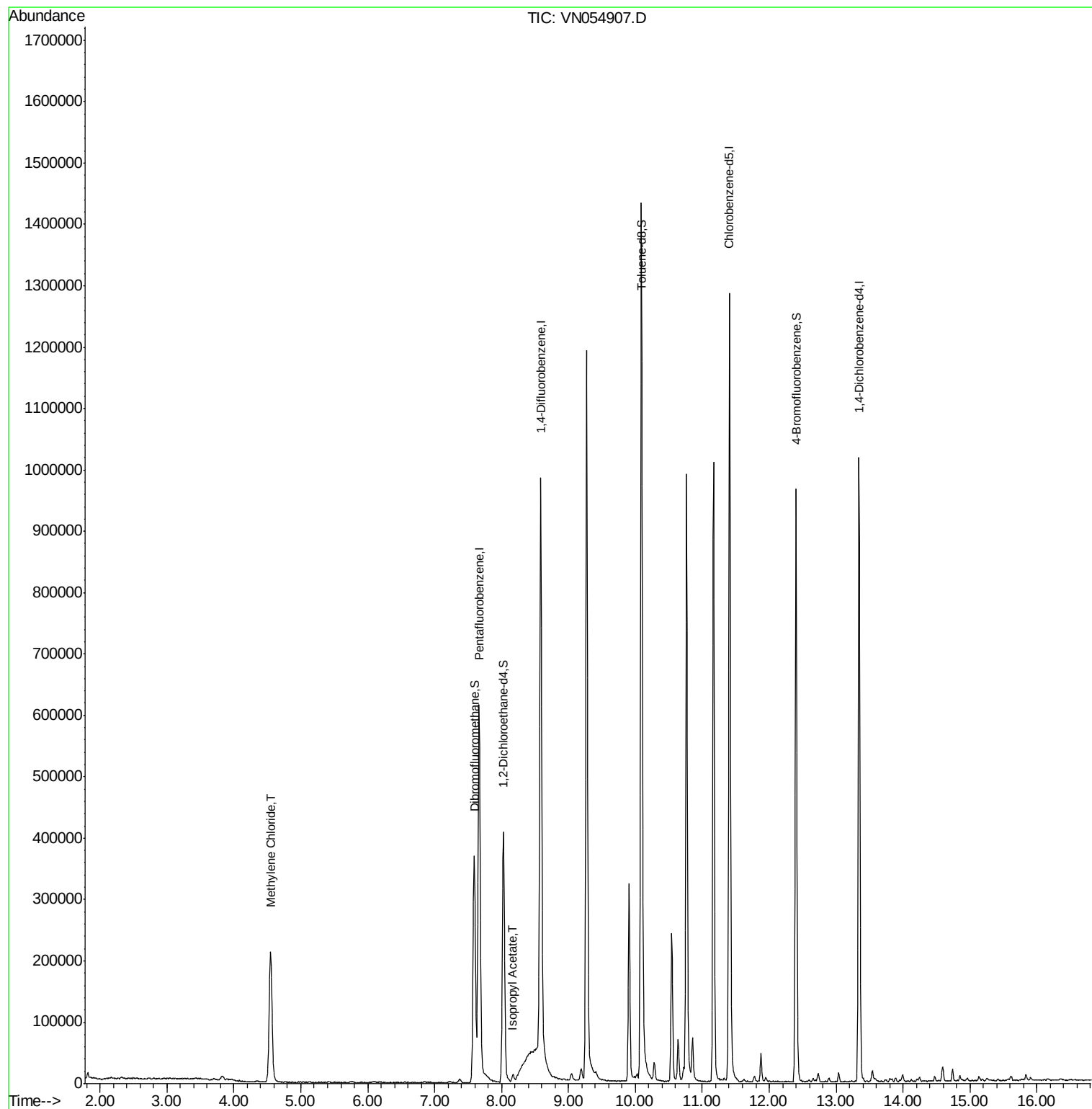
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	531372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	877188	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	757176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	271027	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	346638	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
35) Dibromofluoromethane	7.59	113	278006	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
50) Toluene-d8	10.09	98	1060387	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	12.40	95	327229	45.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.50%	
Target Compounds						
20) Methylene Chloride	4.55	84	148639	24.669	ug/l #	84
43) Isopropyl Acetate	8.17	43	14589	1.498	ug/l #	93

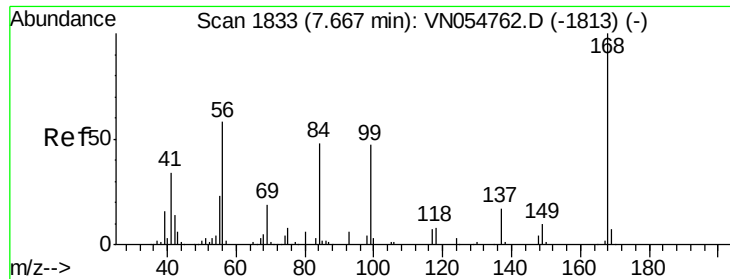
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054907.D

Acq: 2 Apr 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

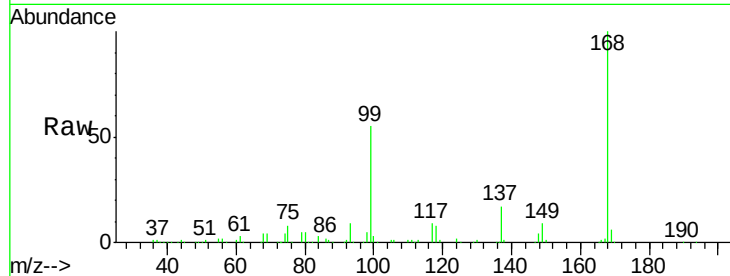
HD-01-040119

Tot Ion:168 Resp: 531372

Ion Ratio Lower Upper

168 100

99 54.7 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

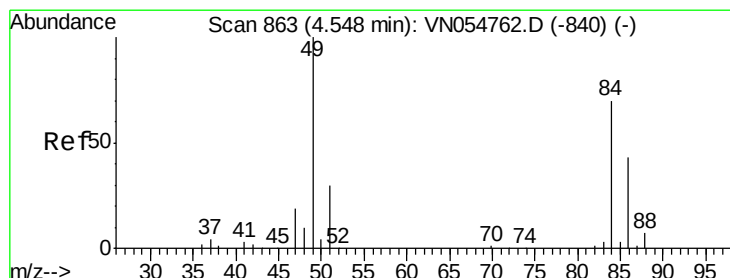
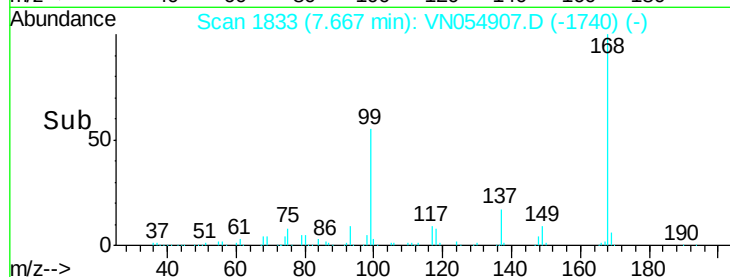
100000

50000

0

Time-->

7.60 7.70 7.80



#20

Methylene Chloride

Concen: 24.669 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054907.D

Acq: 2 Apr 2019 17:36

Tgt Ion: 84 Resp: 148639

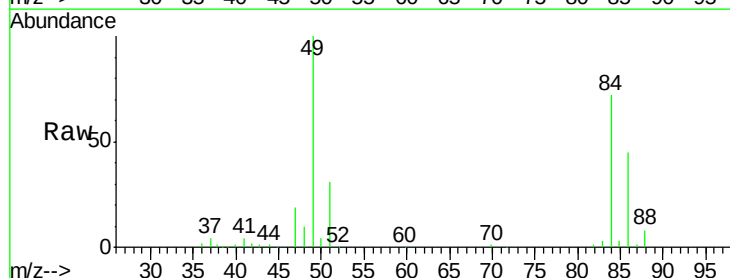
Ion Ratio Lower Upper

84 100

49 139.2 89.7 134.5#

51 43.7 28.2 42.4#

86 62.7 50.8 76.2



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

100000

80000

60000

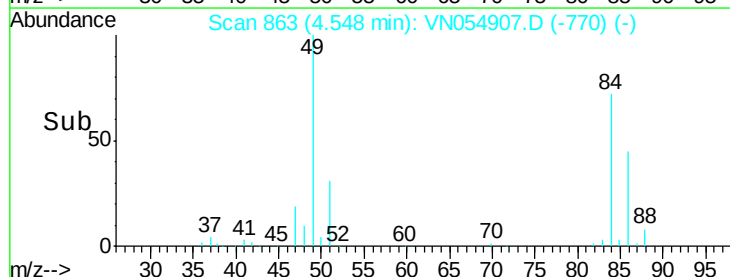
40000

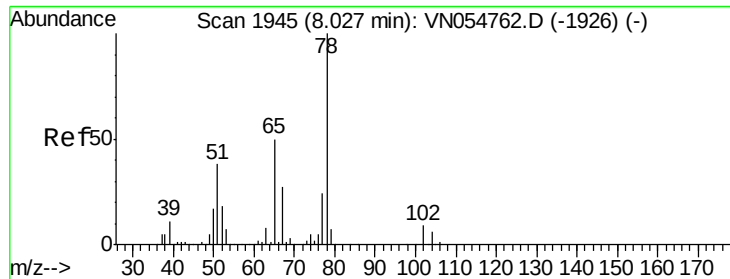
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0

Time-->

4.40 4.50 4.60

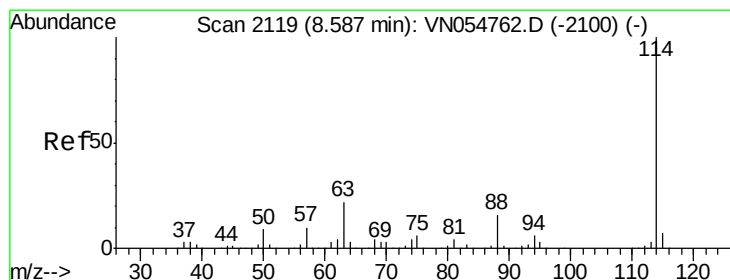
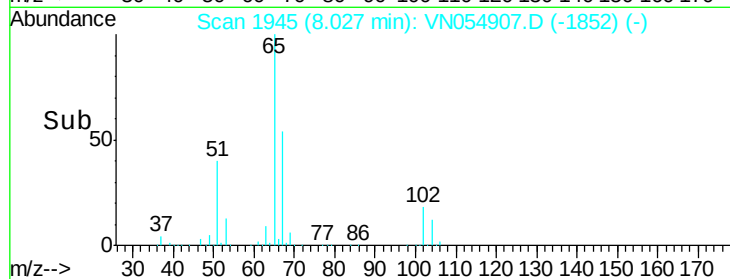
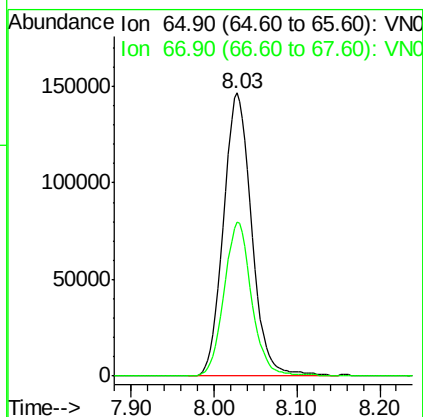
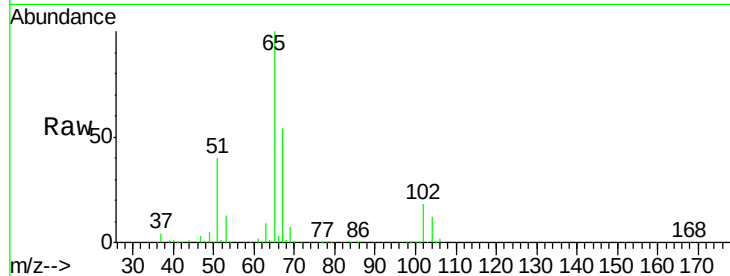




#33
 1,2-Dichloroethane-d4
 Concen: 48.393 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054907.D
 Acq: 2 Apr 2019 17:36

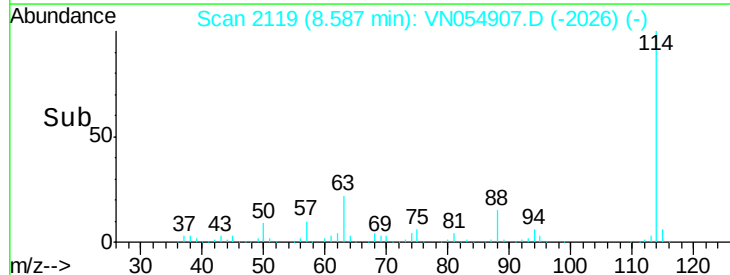
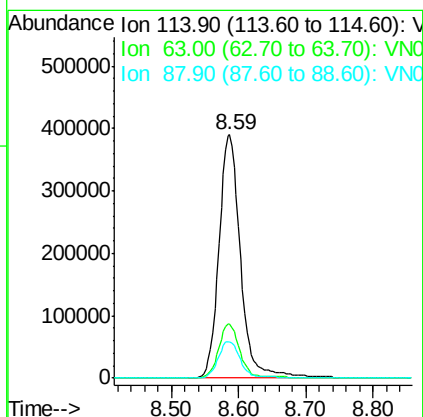
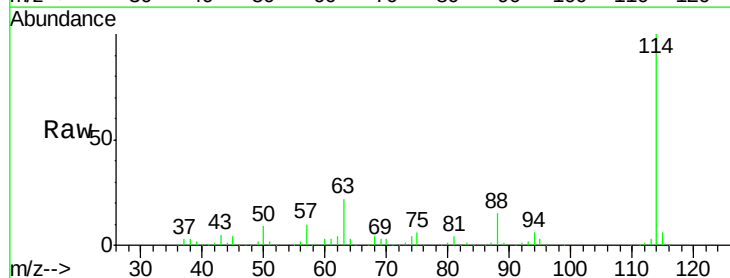
Instrument :
 MSVOA_N
 ClientSampleId :
 HD-01-040119

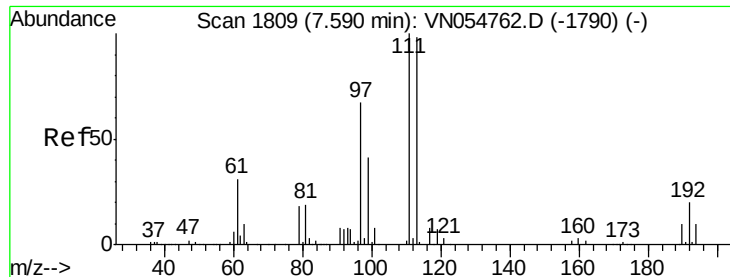
Tot Ion: 65 Resp: 346638
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054907.D
 Acq: 2 Apr 2019 17:36

Tgt Ion: 114 Resp: 877188
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 35.2
 88 14.8 0.0 30.2

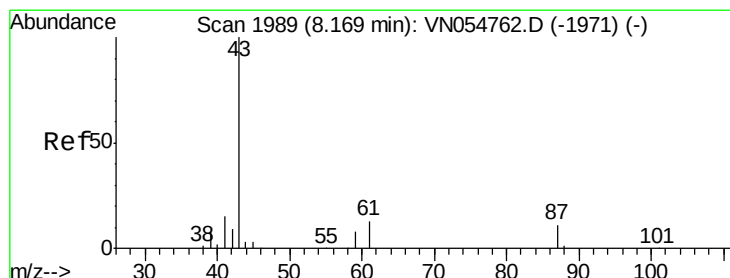
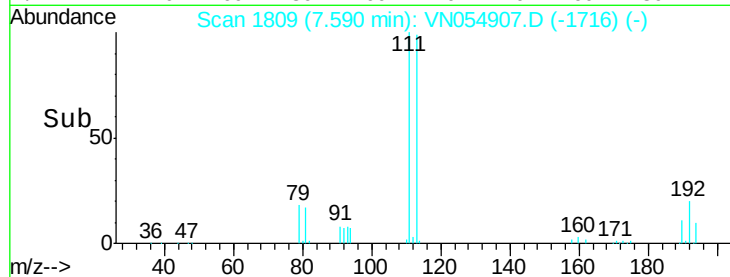
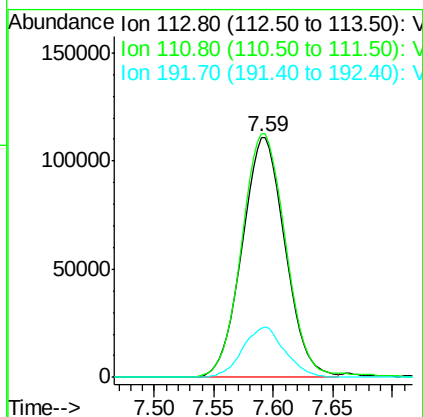
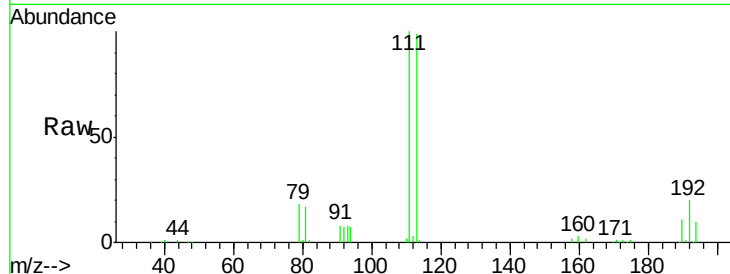




#35
 Dibromofluoromethane
 Concen: 47.538 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054907.D
 Acq: 2 Apr 2019 17:36

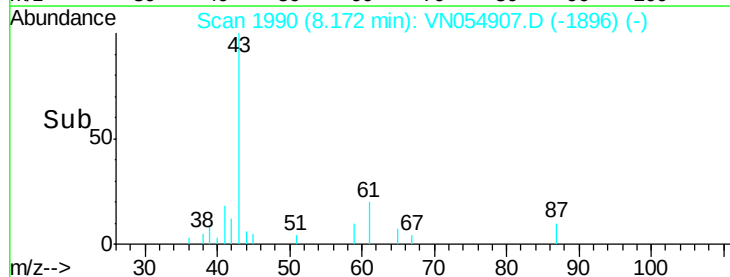
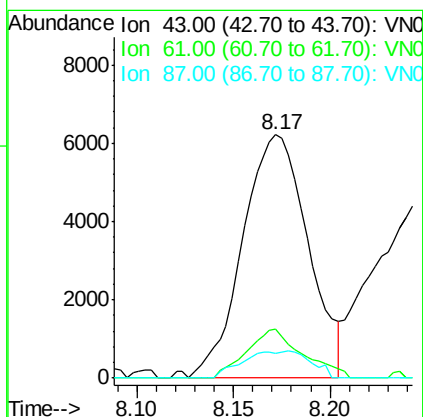
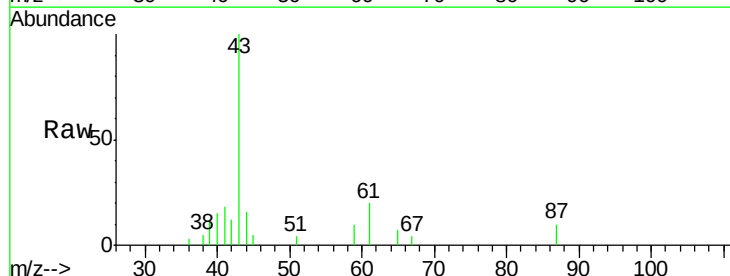
Instrument :
 MSVOA_N
 ClientSampled :
 HD-01-040119

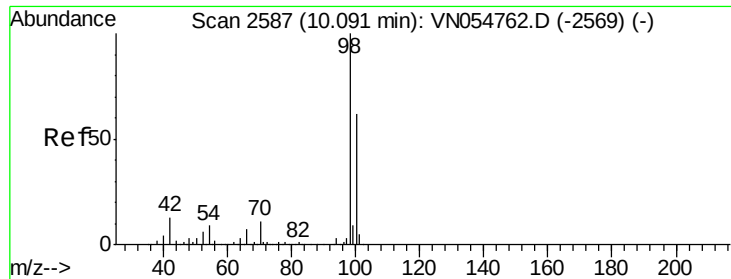
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.2	123.4
192	20.7	19.2	28.8



#43
 Isopropyl Acetate
 Concen: 1.498 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN054907.D
 Acq: 2 Apr 2019 17:36

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.2	15.8	23.8
87	11.5	12.0	18.0#

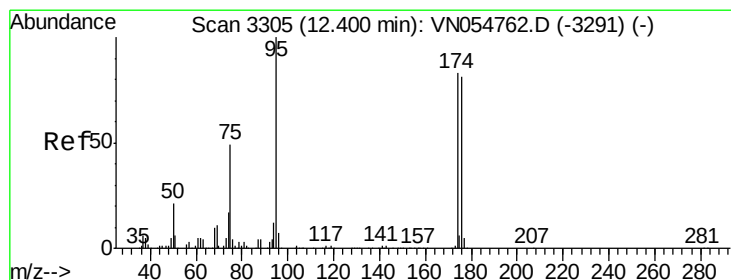
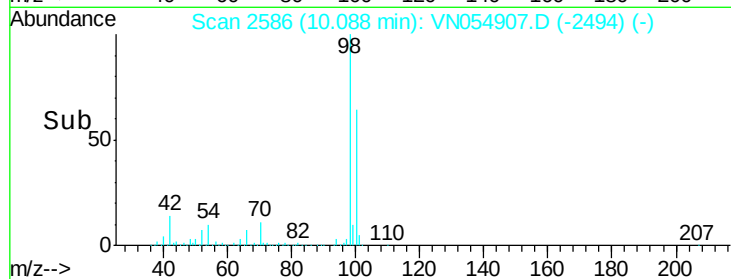
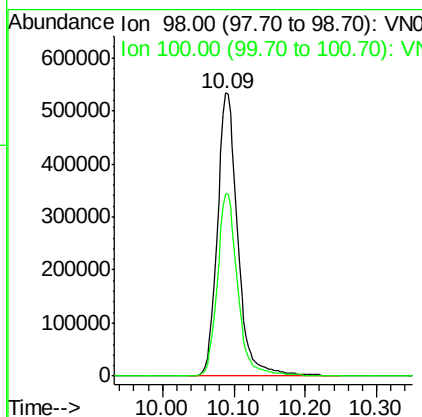
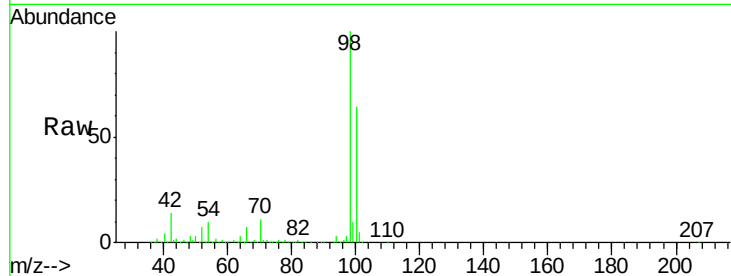




#50
Toluene-d8
Concen: 48.771 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN054907.D
Acq: 2 Apr 2019 17:36

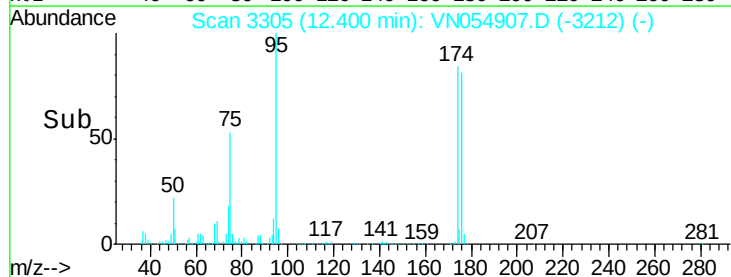
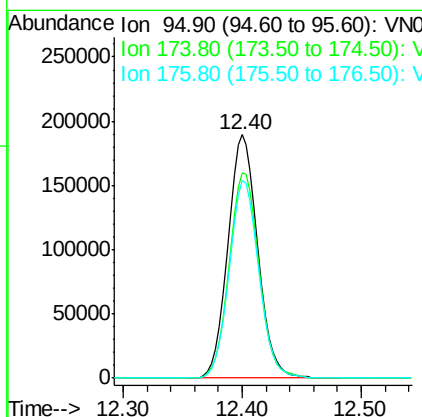
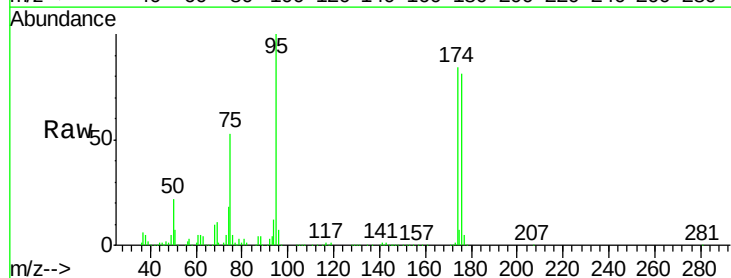
Instrument :
MSVOA_N
ClientSampled :
HD-01-040119

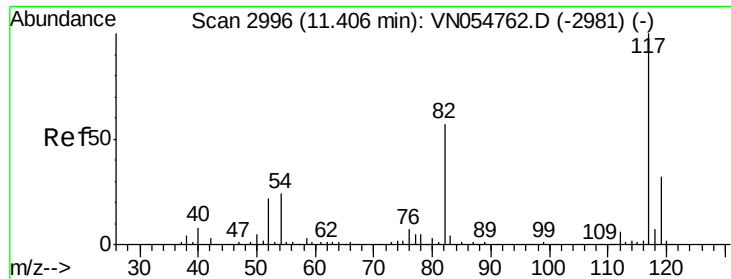
Tot Ion: 98 Resp: 1060387
Ion Ratio Lower Upper
98 100
100 64.1 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 45.254 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054907.D
Acq: 2 Apr 2019 17:36

Tgt Ion: 95 Resp: 327229
Ion Ratio Lower Upper
95 100
174 85.1 0.0 191.0
176 81.3 0.0 187.4

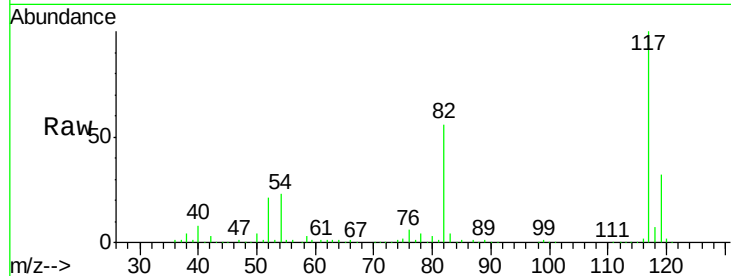




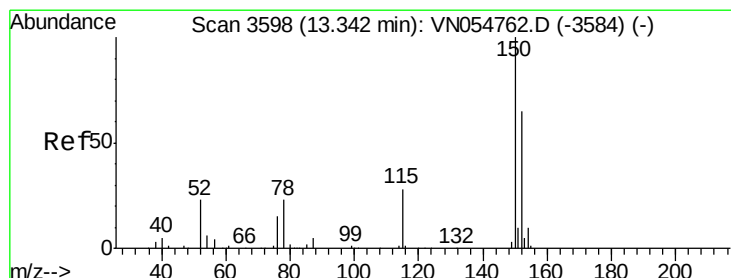
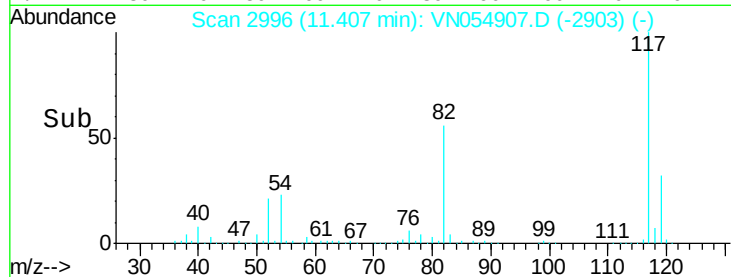
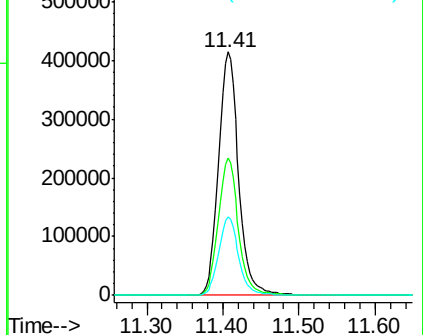
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054907.D
Acq: 2 Apr 2019 17:36

Instrument :
MSVOA_N
ClientSampled :
HD-01-040119

Tot Ion:117 Resp: 757176
Ion Ratio Lower Upper
117 100
82 56.4 40.0 60.0
119 32.3 25.8 38.6

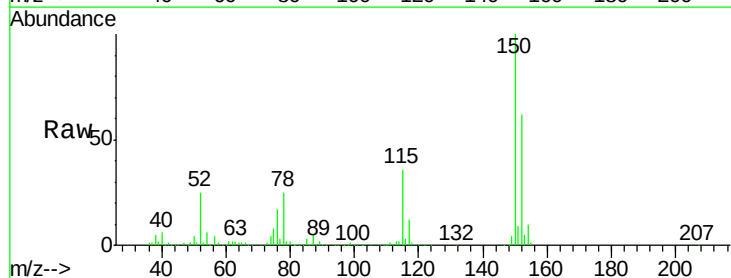


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054907.D
Acq: 2 Apr 2019 17:36

Tgt Ion:152 Resp: 271027
Ion Ratio Lower Upper
152 100
115 58.3 27.2 81.6
150 158.3 0.0 349.2



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

