

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032019\
 Data File : VN054496.D
 Acq On : 21 Mar 2019 7:07
 Operator : JC/SP
 Sample : K1943-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20190127-LOC-4

Quant Time: Mar 22 07:15:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

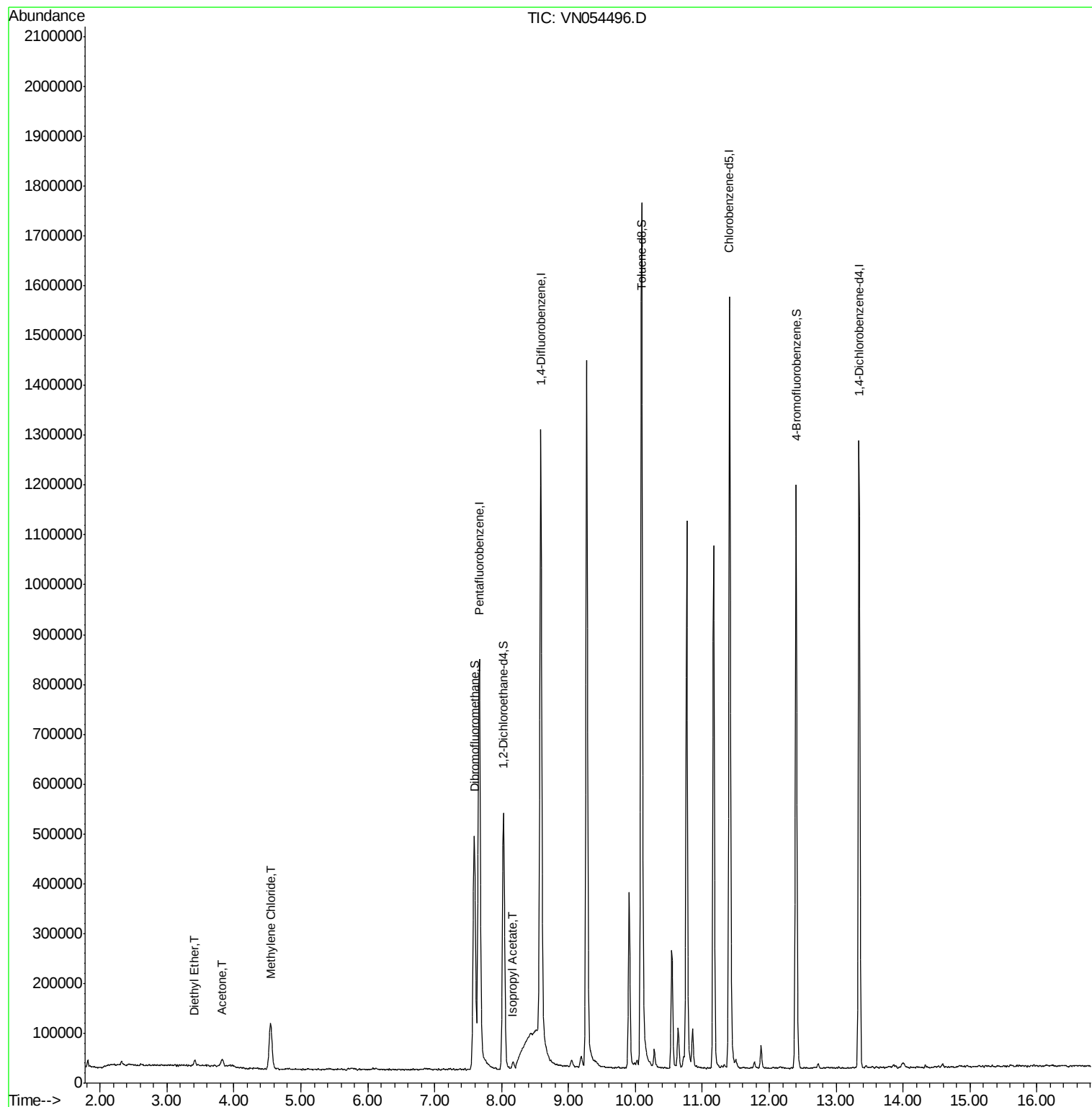
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	730392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1142092	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	927590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	345883	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	448361	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
35) Dibromofluoromethane	7.59	113	354469	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
50) Toluene-d8	10.09	98	1341355	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
62) 4-Bromofluorobenzene	12.40	95	407594	43.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.60%	
Target Compounds						
8) Diethyl Ether	3.42	74	5891	1.322	ug/l	93
16) Acetone	3.82	43	22862	8.370	ug/l #	82
20) Methylene Chloride	4.55	84	66681	8.282	ug/l	87
43) Isopropyl Acetate	8.17	43	17018	1.327	ug/l #	94

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032019\
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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: VN054496.D

Acq: 21 Mar 2019 7:07

Instrument :

MSVOA_N

ClientSampleId :

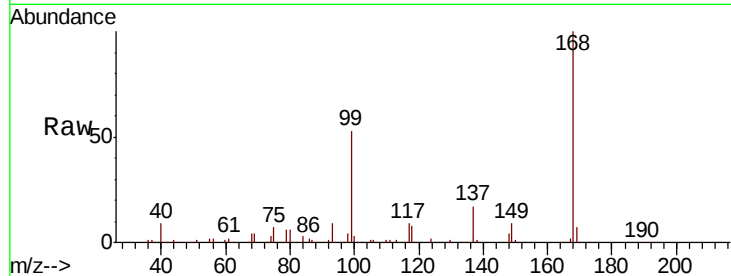
20190127-LOC-4

Tot Ion:168 Resp: 730392

Ion Ratio Lower Upper

168 100

99 52.7 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

300000

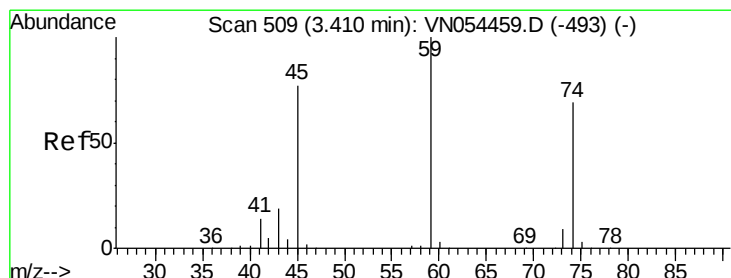
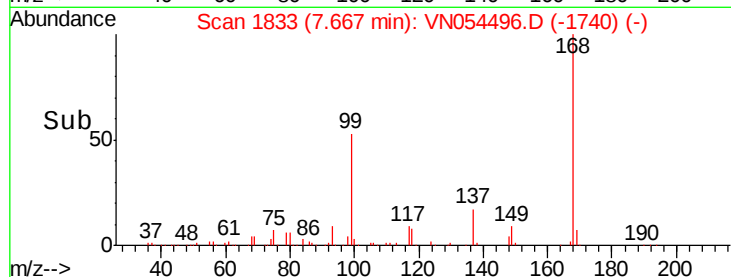
200000

100000

0

7.60 7.70 7.80

Time-->



#8

Diethyl Ether

Concen: 1.322 ug/l

RT: 3.42 min Scan# 511

Delta R.T. 0.01 min

Lab File: VN054496.D

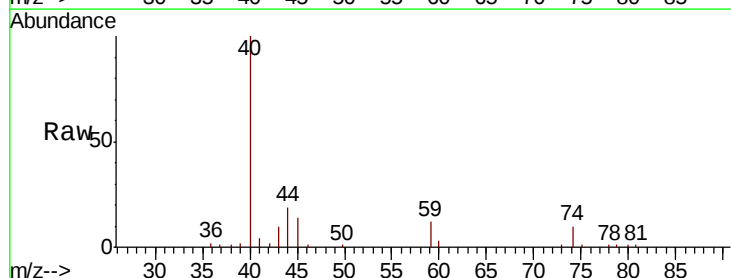
Acq: 21 Mar 2019 7:07

Tgt Ion: 74 Resp: 5891

Ion Ratio Lower Upper

74 100

45 92.9 43.1 129.4



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

3.42

4000

3000

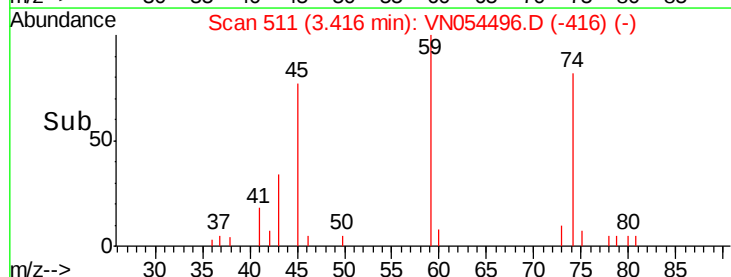
2000

1000

0

3.35 3.40 3.45 3.50

Time-->

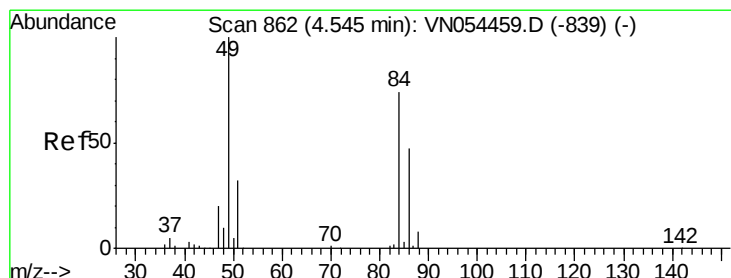
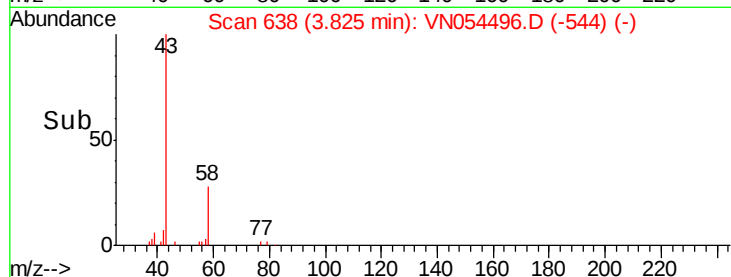
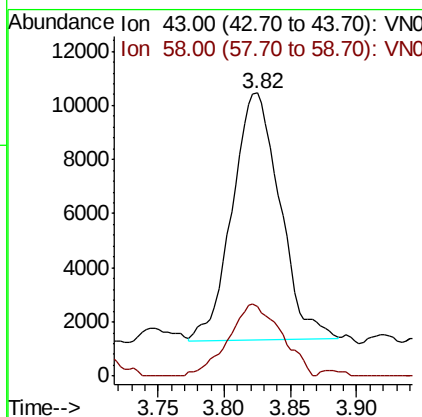
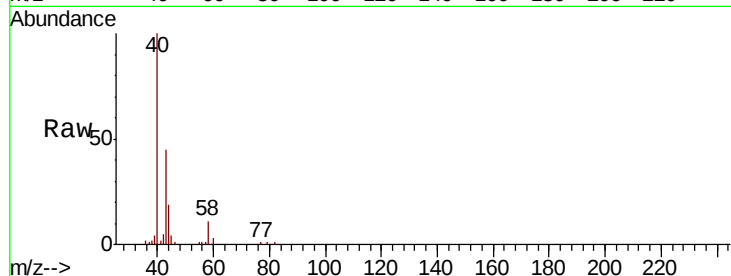




#16
Acetone
Concen: 8.370 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.00 min
Lab File: VN054496.D
Acq: 21 Mar 2019 7:07

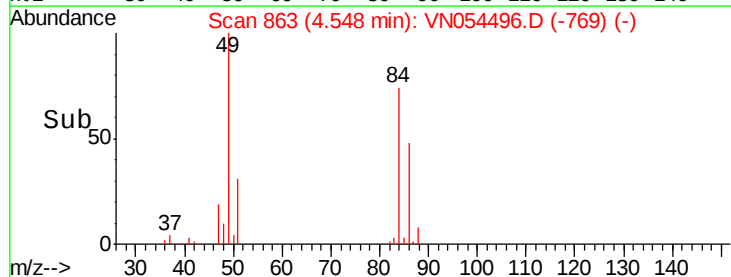
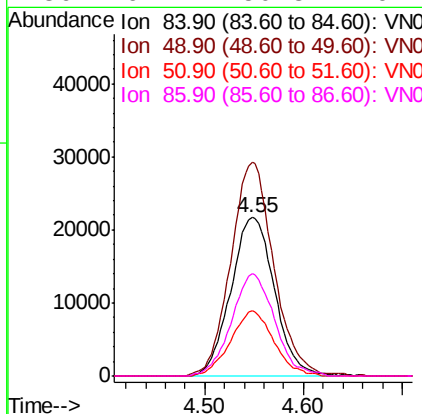
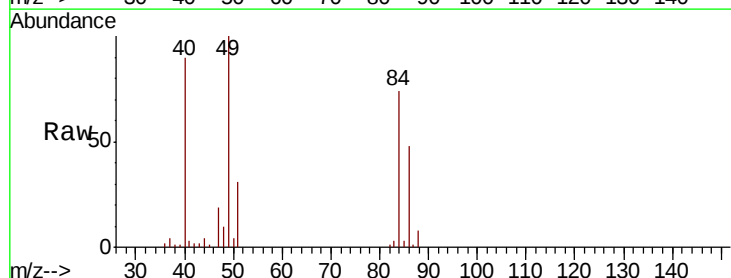
Instrument :
MSVOA_N
ClientSampleId :
20190127-LOC-4

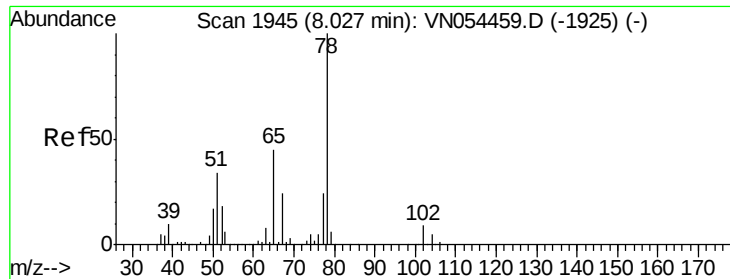
Tot Ion: 43 Resp: 22862
Ion Ratio Lower Upper
43 100
58 26.3 29.9 44.9#



#20
Methylene Chloride
Concen: 8.282 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054496.D
Acq: 21 Mar 2019 7:07

Tgt Ion: 84 Resp: 66681
Ion Ratio Lower Upper
84 100
49 134.0 89.7 134.5
51 41.4 28.2 42.4
86 64.4 50.8 76.2

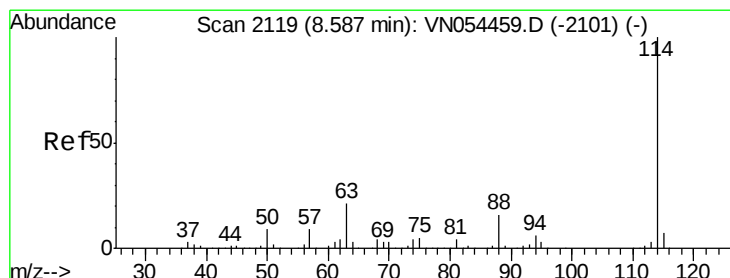
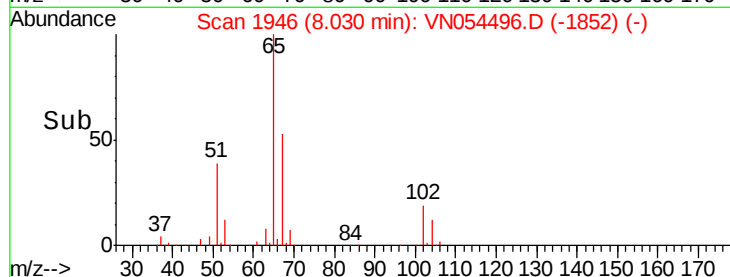
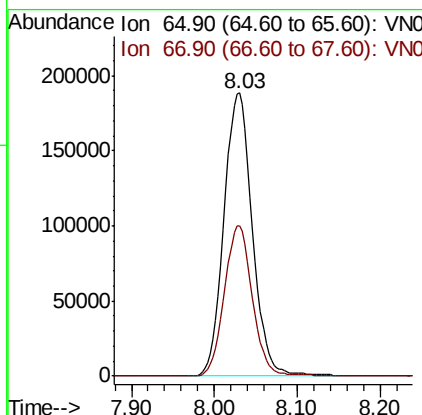
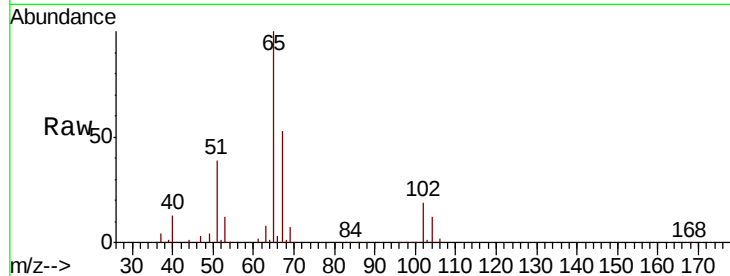




#33
 1,2-Dichloroethane-d4
 Concen: 49.352 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN054496.D
 Acq: 21 Mar 2019 7:07

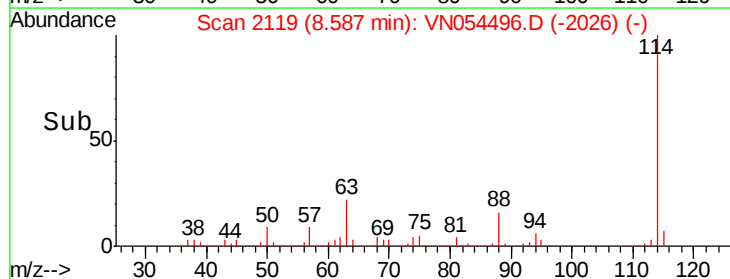
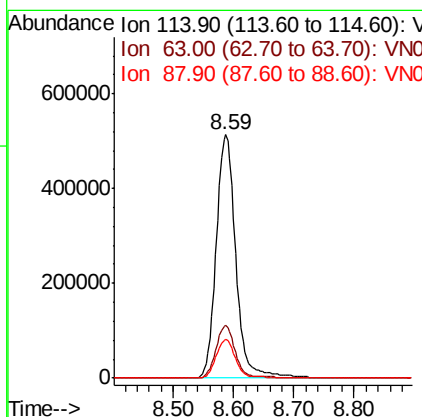
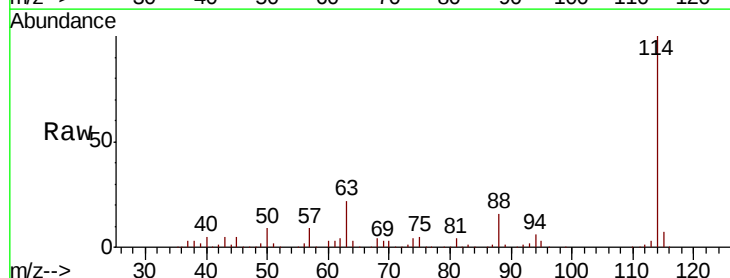
Instrument :
 MSVOA_N
 ClientSampleId :
 20190127-LOC-4

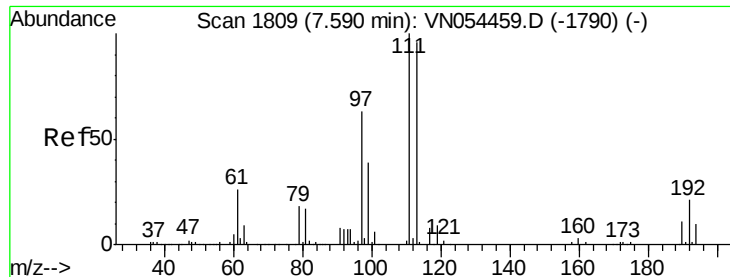
Tot Ion: 65 Resp: 448361
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054496.D
 Acq: 21 Mar 2019 7:07

Tgt Ion: 114 Resp: 1142092
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 35.2
 88 16.0 0.0 30.2

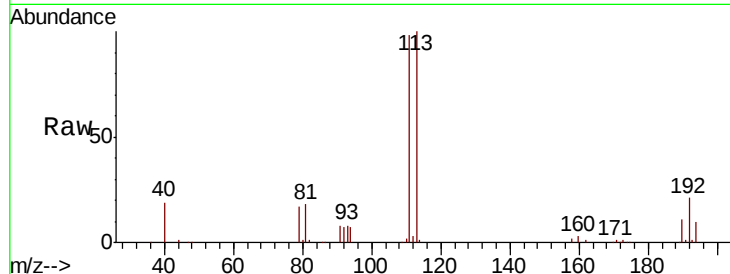




#35
Dibromofluoromethane
Concen: 48.175 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054496.D
Acq: 21 Mar 2019 7:07

Instrument :
MSVOA_N
ClientSampleId :
20190127-LOC-4

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	21.1	19.2	28.8

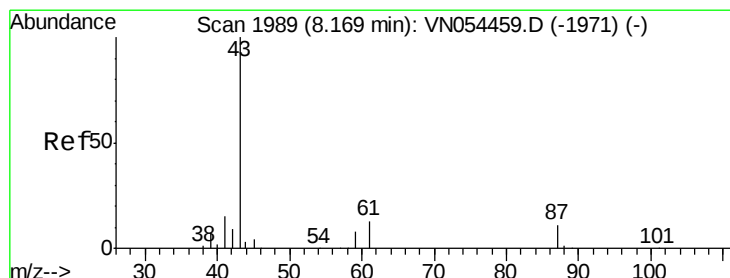
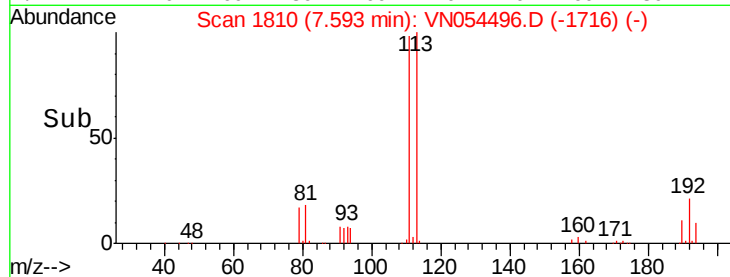
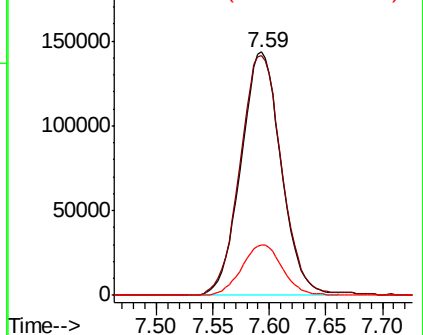


Abundance

Ion 112.80 (112.50 to 113.50): V

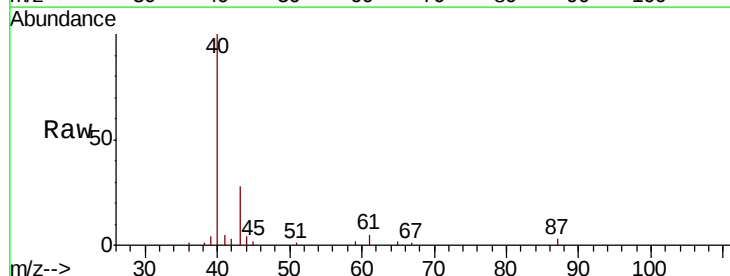
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#43
Isopropyl Acetate
Concen: 1.327 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. -0.00 min
Lab File: VN054496.D
Acq: 21 Mar 2019 7:07

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.8	23.8
87	10.8	12.0	18.0#

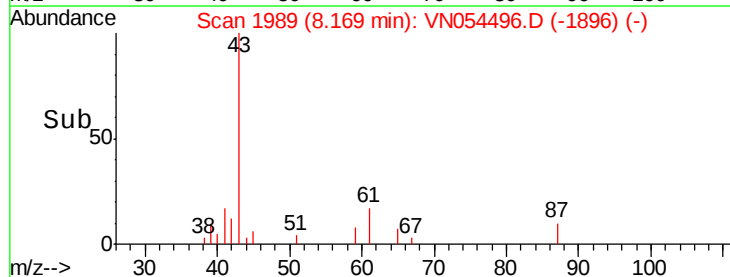
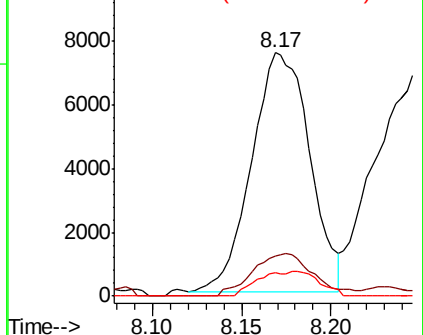


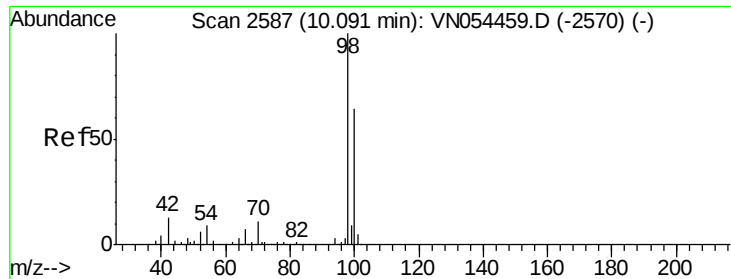
Abundance

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

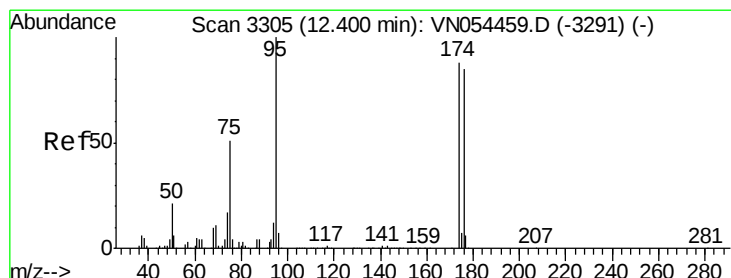
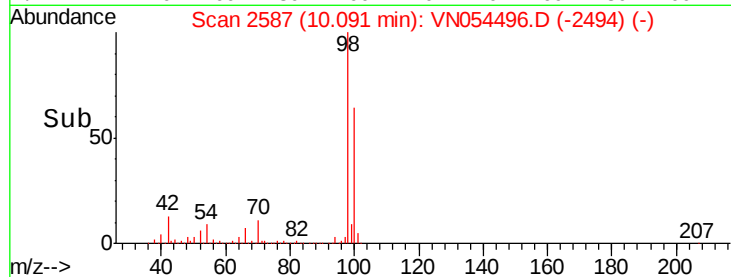
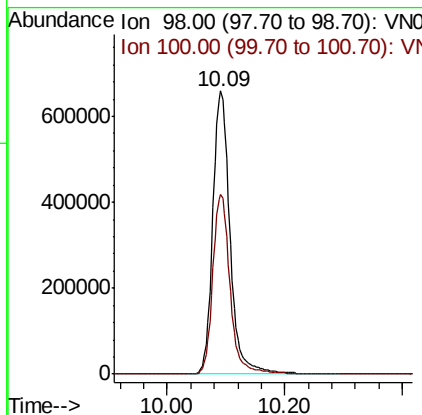
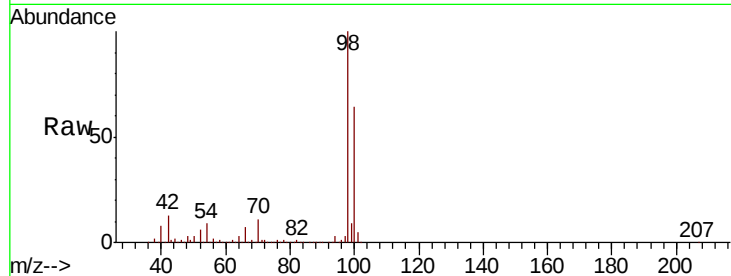




#50
Toluene-d8
Concen: 48.492 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054496.D
Acq: 21 Mar 2019 7:07

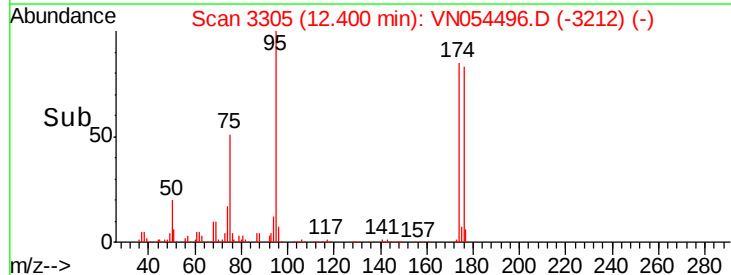
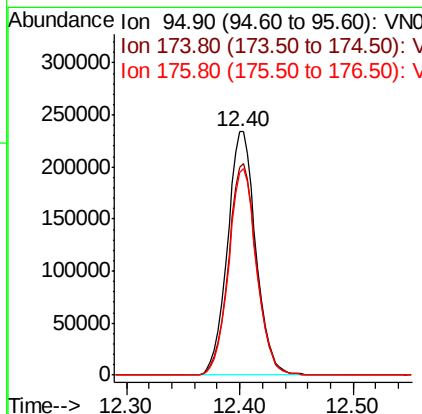
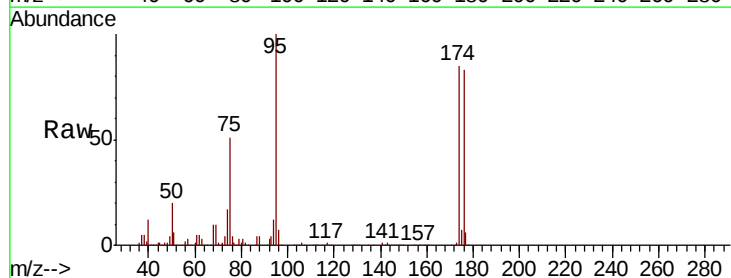
Instrument :
MSVOA_N
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20190127-LOC-4

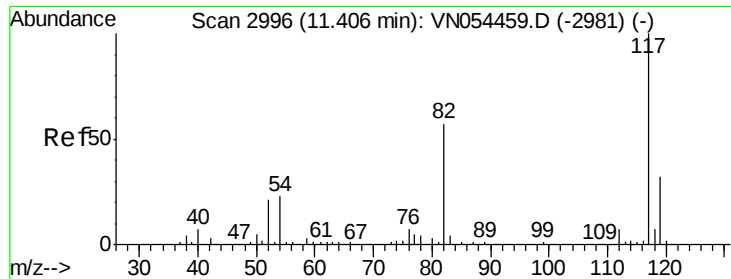
Tot Ion: 98 Resp: 1341355
Ion Ratio Lower Upper
98 100
100 63.8 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 43.303 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054496.D
Acq: 21 Mar 2019 7:07

Tgt Ion: 95 Resp: 407594
Ion Ratio Lower Upper
95 100
174 85.8 0.0 191.0
176 83.5 0.0 187.4

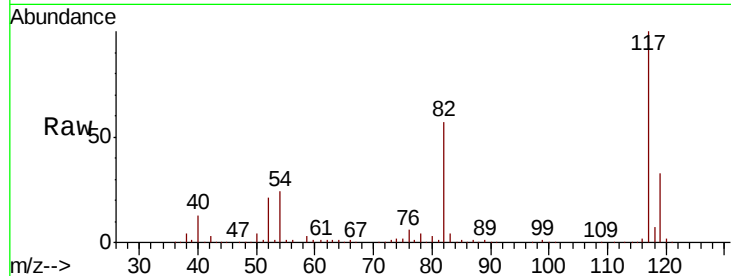




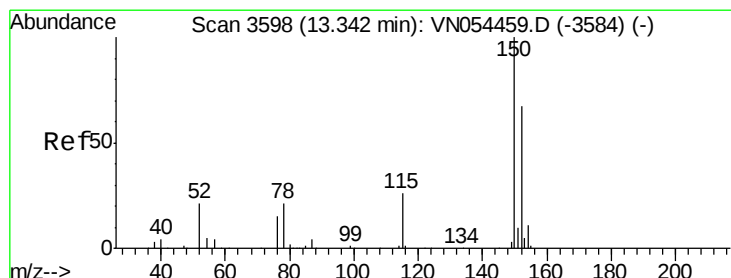
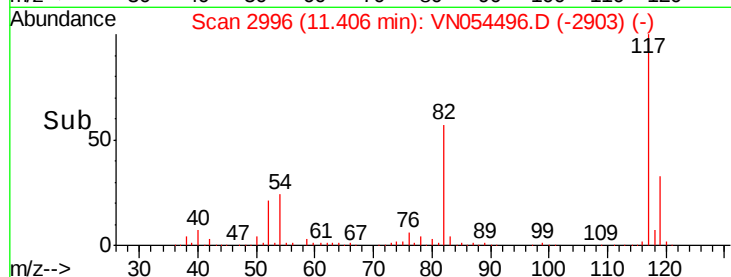
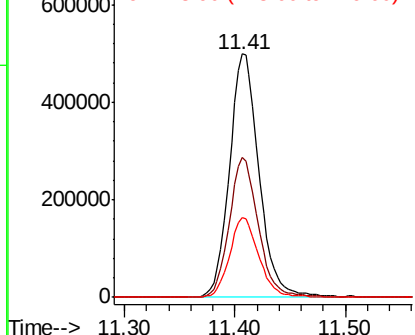
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054496.D
Acq: 21 Mar 2019 7:07

Instrument :
MSVOA_N
ClientSampleId :
20190127-LOC-4

Tot Ion:117 Resp: 927590
Ion Ratio Lower Upper
117 100
82 57.3 40.0 60.0
119 32.8 25.8 38.6

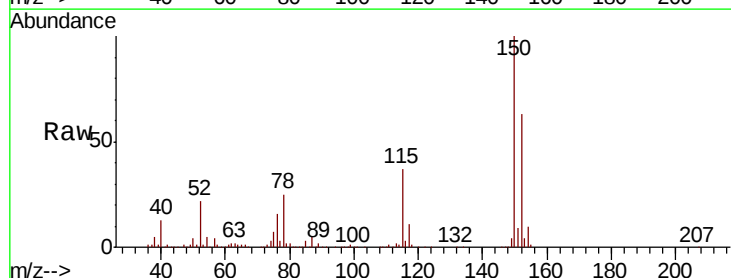


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054496.D
Acq: 21 Mar 2019 7:07

Tgt Ion:152 Resp: 345883
Ion Ratio Lower Upper
152 100
115 57.4 27.2 81.6
150 155.4 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

