

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032019\
 Data File : VN054495.D
 Acq On : 21 Mar 2019 6:40
 Operator : JC/SP
 Sample : K1943-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20190128-LOC-5

Quant Time: Mar 22 07:13:08 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

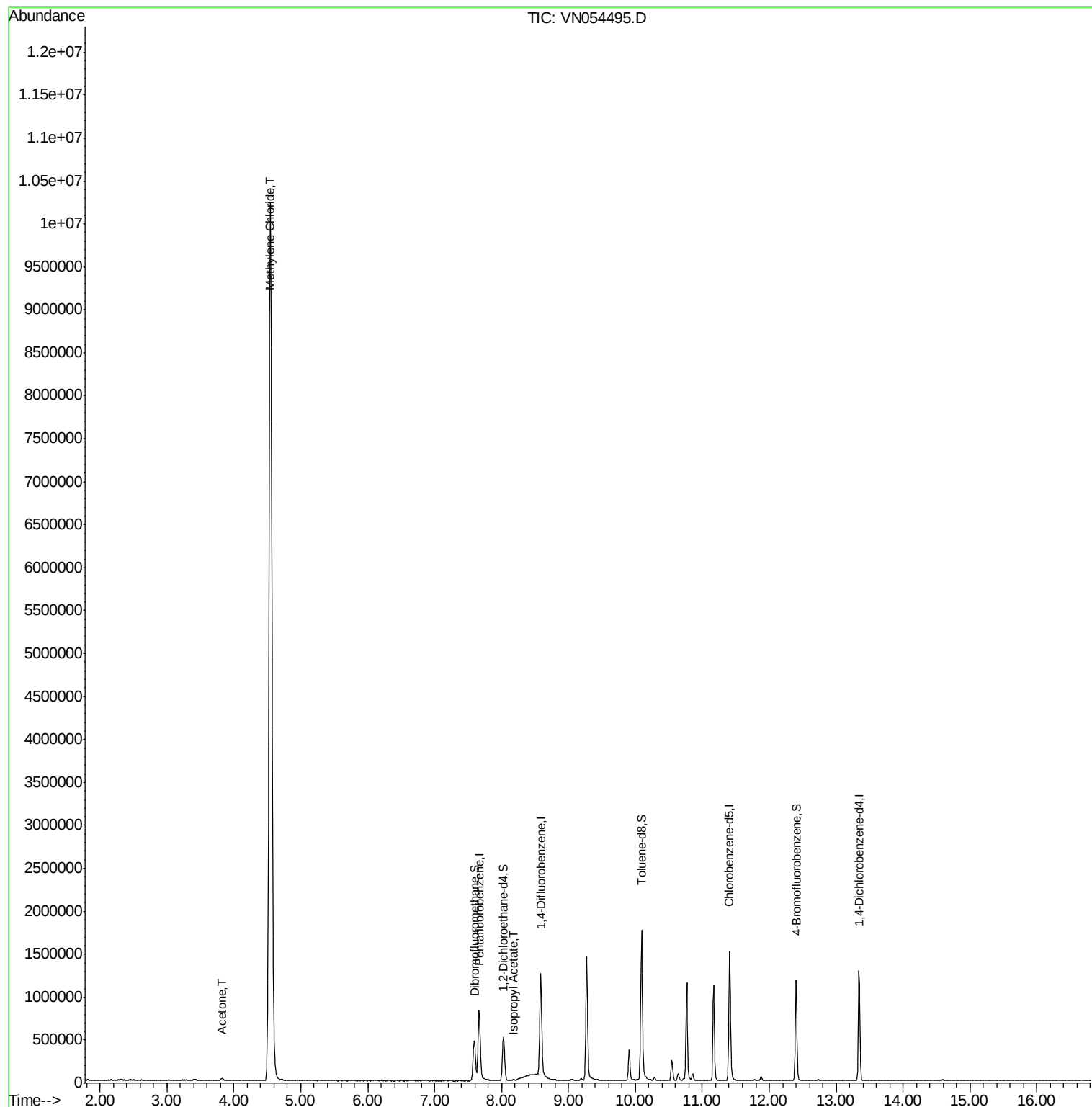
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	729251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1115402	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	918003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	341596	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	444664	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
35) Dibromofluoromethane	7.59	113	354981	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
50) Toluene-d8	10.09	98	1316940	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
62) 4-Bromofluorobenzene	12.40	95	405491	44.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.22%	
Target Compounds						
16) Acetone	3.82	43	26738	9.804	ug/l #	87
20) Methylene Chloride	4.55	84	7316032	910.068	ug/l #	85
43) Isopropyl Acetate	8.18	43	17735	1.416	ug/l #	95

(#) = 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: VN054495.D

Acq: 21 Mar 2019 6:40

Instrument :

MSVOA_N

ClientSampleId :

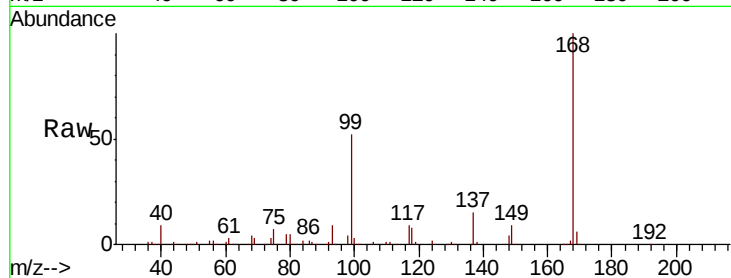
20190128-LOC-5

Tot Ion:168 Resp: 729251

Ion Ratio Lower Upper

168 100

99 52.0 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

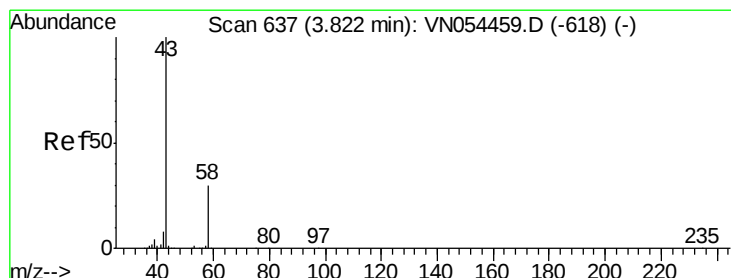
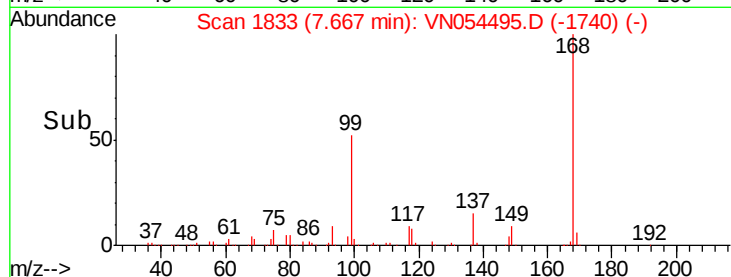
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 9.804 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN054495.D

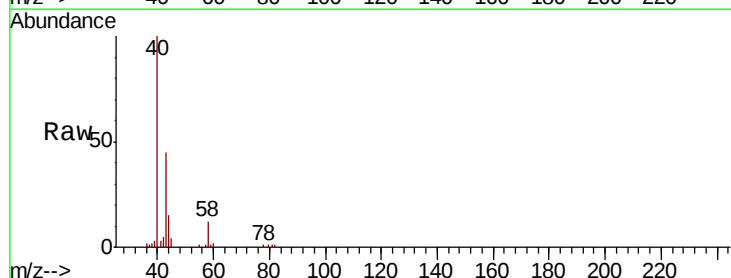
Acq: 21 Mar 2019 6:40

Tgt Ion: 43 Resp: 26738

Ion Ratio Lower Upper

43 100

58 29.7 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

12000

10000

8000

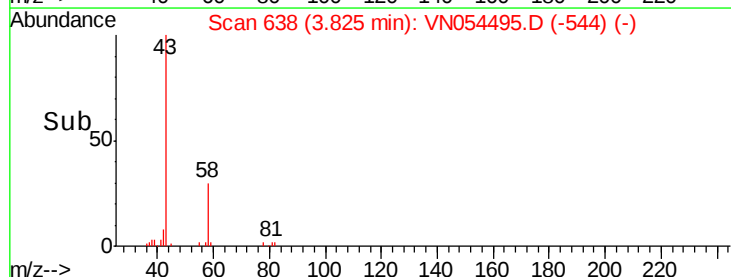
6000

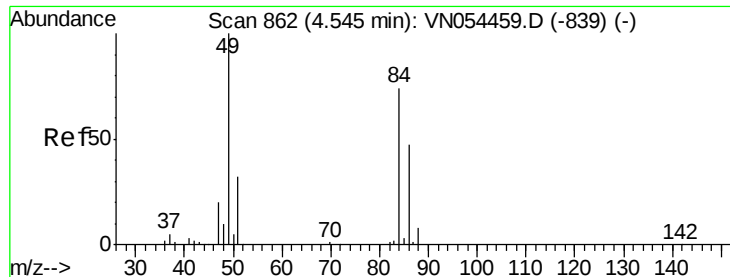
4000

2000

0

Time--> 3.75 3.80 3.85 3.90



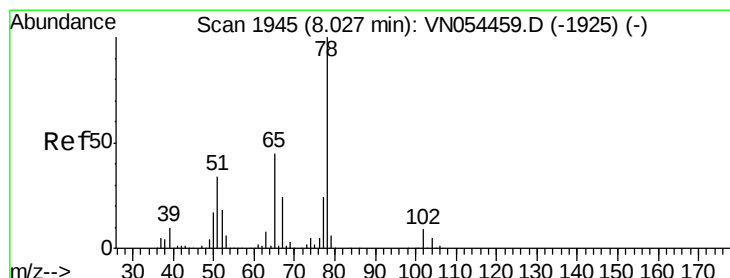
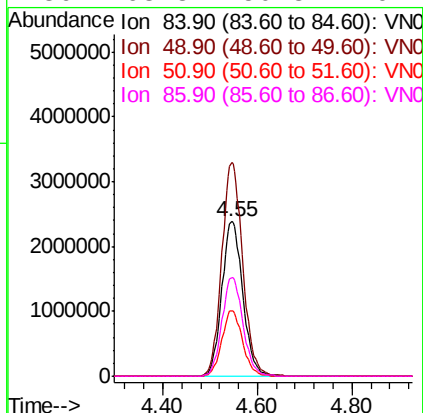
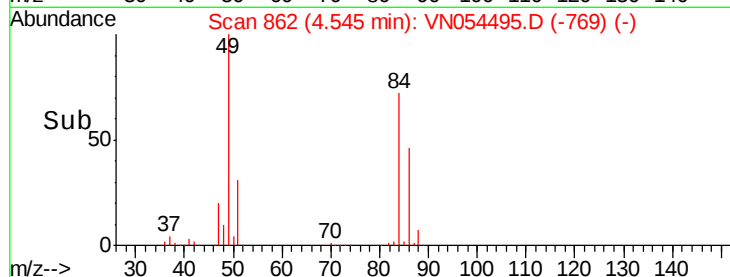
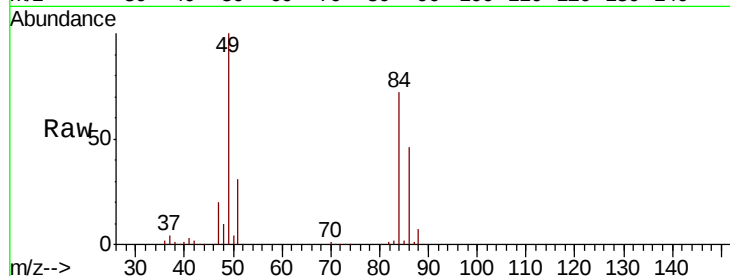


#20
Methvlene Chloride
Concen: 910.068 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054495.D
Acq: 21 Mar 2019 6:40

Instrument :
MSVOA_N
ClientSampleId :
20190128-LOC-5

Tot Ion: 84 Resp: 7316032

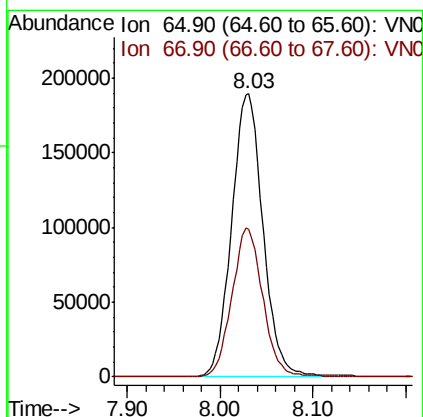
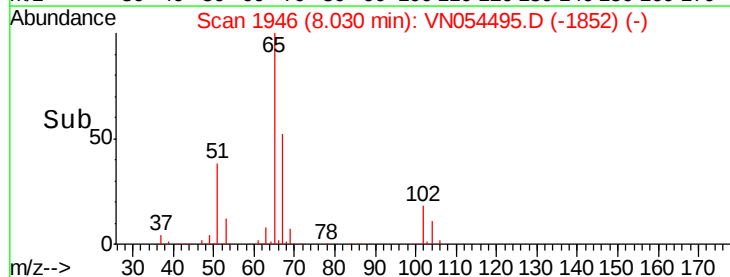
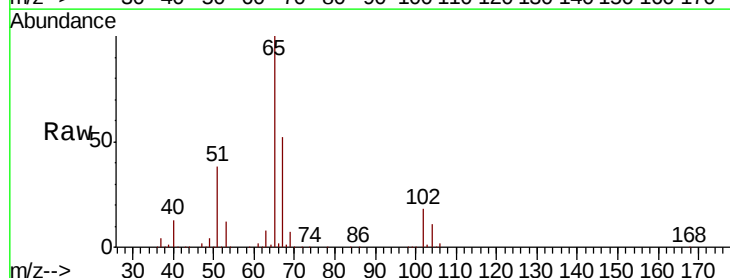
Ion	Ratio	Lower	Upper
84	100		
49	138.1	89.7	134.5#
51	42.6	28.2	42.4#
86	63.8	50.8	76.2

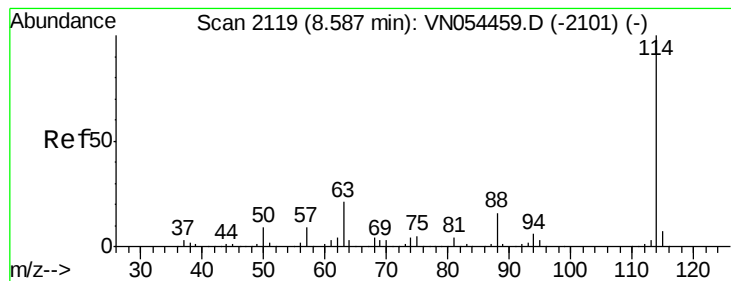


#33
1,2-Dichloroethane-d4
Concen: 49.022 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054495.D
Acq: 21 Mar 2019 6:40

Tgt Ion: 65 Resp: 444664

Ion	Ratio	Lower	Upper
65	100		
67	51.7	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: VN054495.D

Acq: 21 Mar 2019 6:40

Instrument :

MSVOA_N

ClientSampleId :

20190128-LOC-5

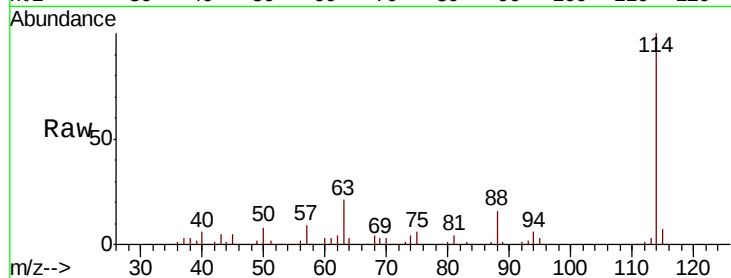
Tot Ion:114 Resp: 1115402

Ion Ratio Lower Upper

114 100

63 21.2 0.0 35.2

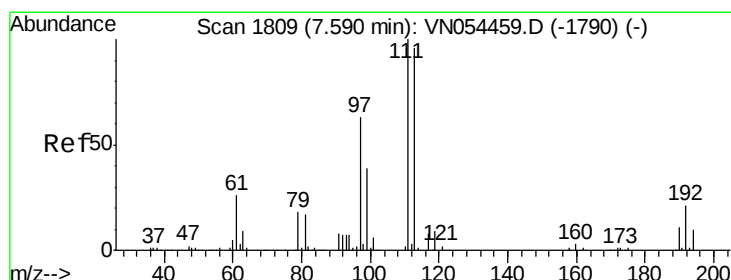
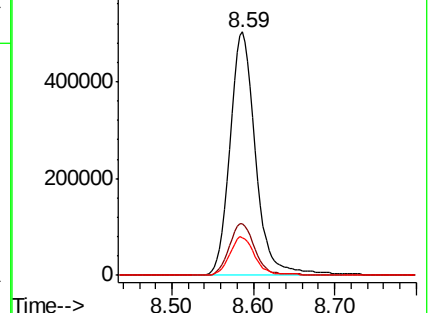
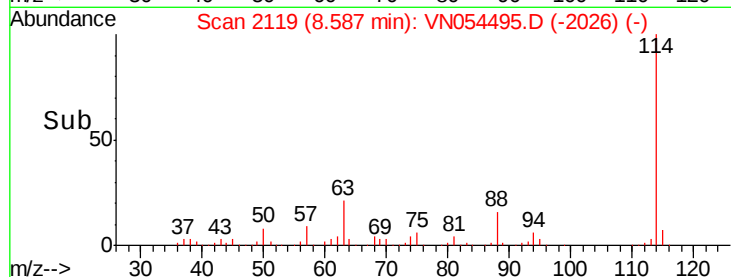
88 15.7 0.0 30.2



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: 49.399 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054495.D

Acq: 21 Mar 2019 6:40

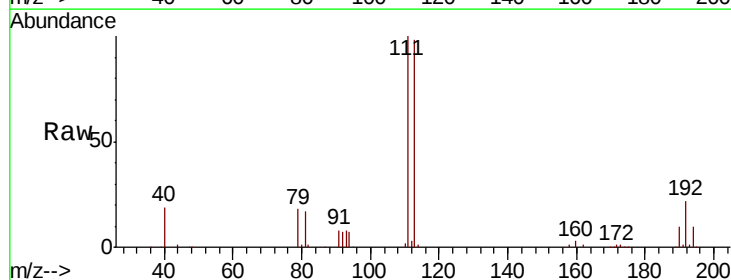
Tgt Ion:113 Resp: 354981

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

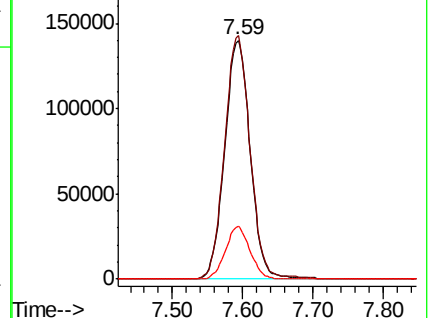
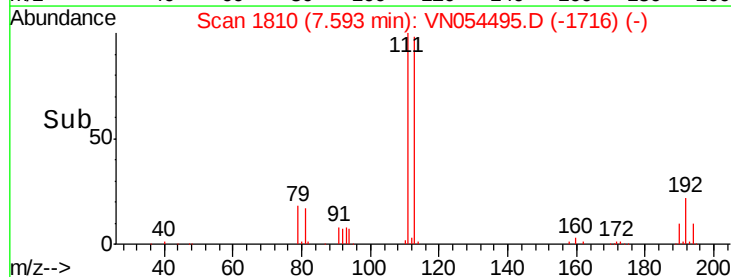
192 21.2 19.2 28.8

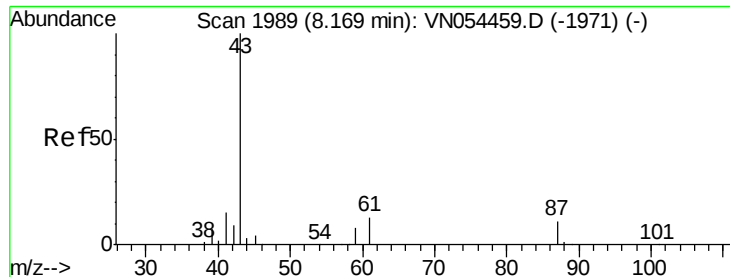


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.416 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN054495.D

Acq: 21 Mar 2019 6:40

Instrument :

MSVOA_N

ClientSampleId :

20190128-LOC-5

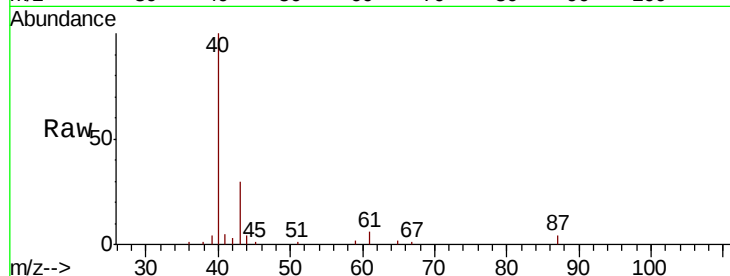
Tot Ion: 43 Resp: 17735

Ion Ratio Lower Upper

43 100

61 19.9 15.8 23.8

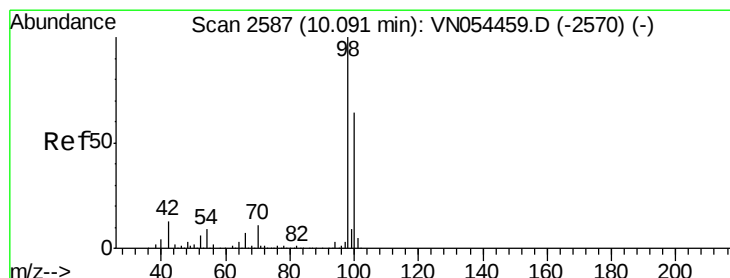
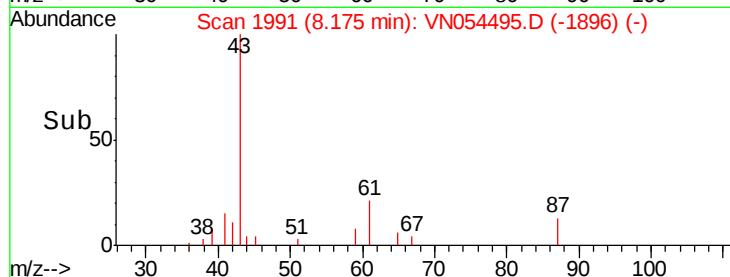
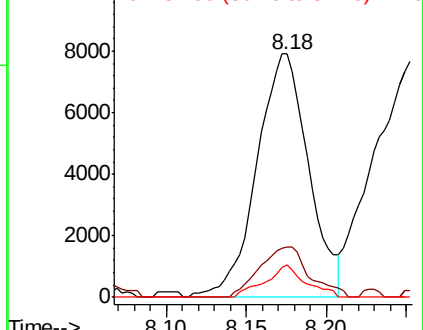
87 10.4 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 48.749 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054495.D

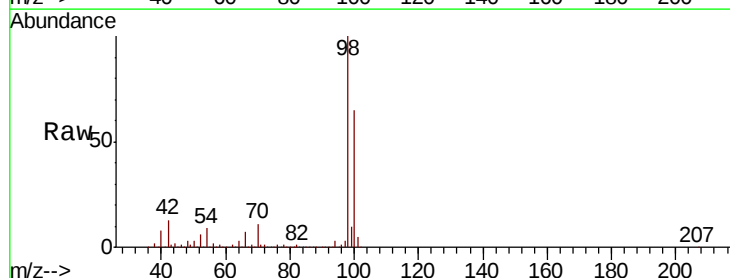
Acq: 21 Mar 2019 6:40

Tgt Ion: 98 Resp: 1316940

Ion Ratio Lower Upper

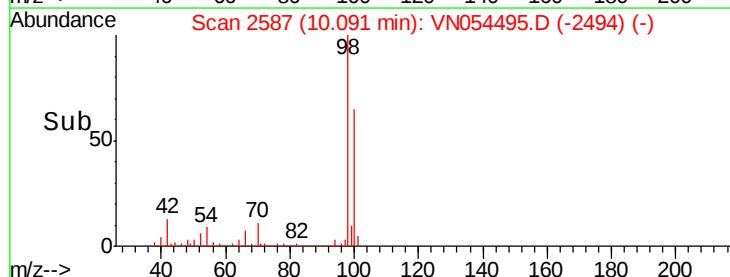
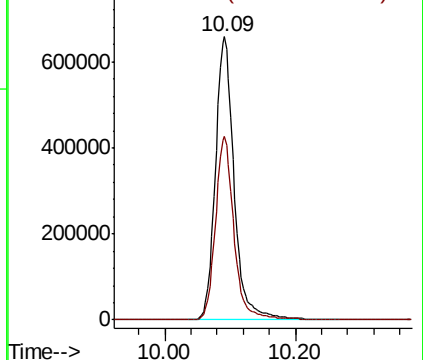
98 100

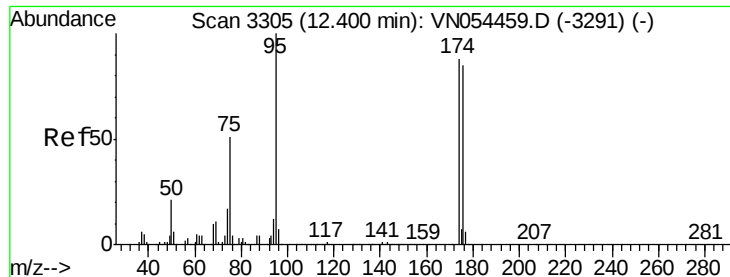
100 64.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 44.110 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054495.D

Acq: 21 Mar 2019 6:40

Instrument :

MSVOA_N

ClientSampleId :

20190128-LOC-5

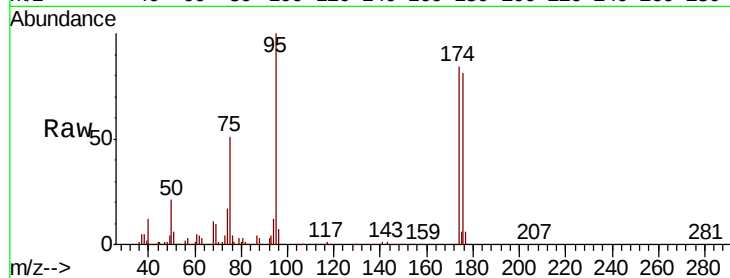
Tot Ion: 95 Resp: 405491

Ion Ratio Lower Upper

95 100

174 84.4 0.0 191.0

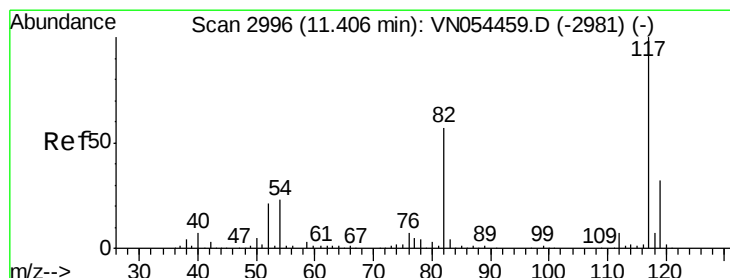
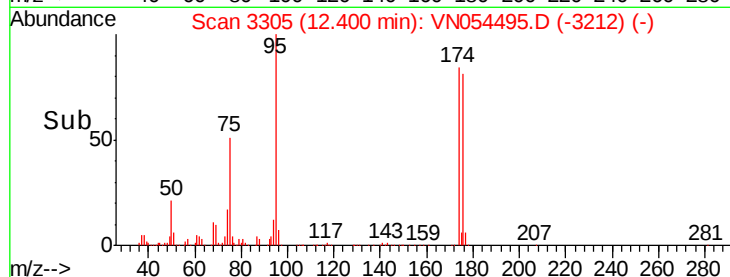
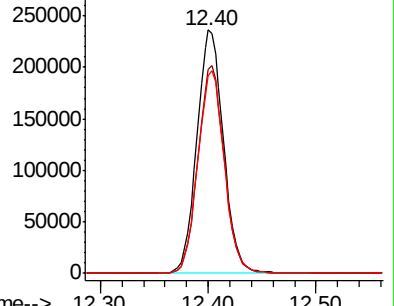
176 83.0 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054495.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054495.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054495.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054495.D

Acq: 21 Mar 2019 6:40

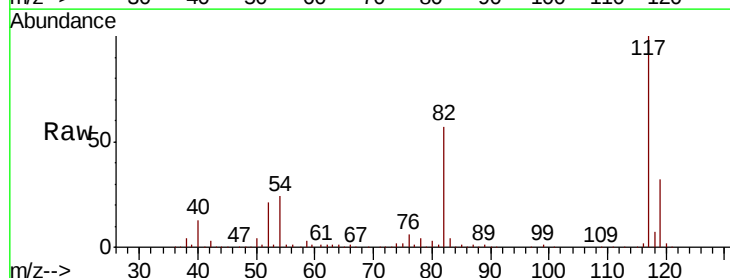
Tgt Ion: 117 Resp: 918003

Ion Ratio Lower Upper

117 100

82 56.7 40.0 60.0

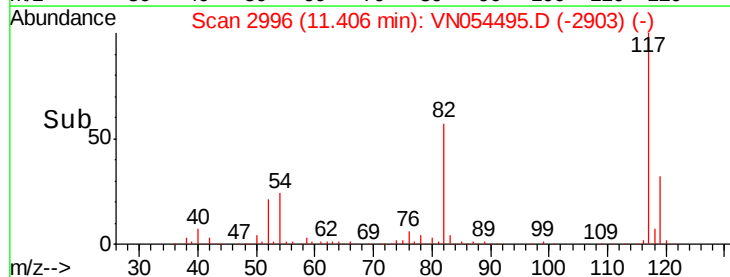
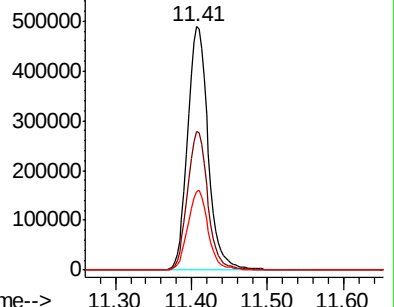
119 32.4 25.8 38.6

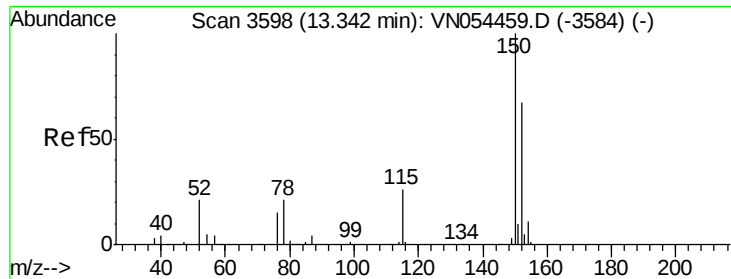


Abundance Ion 116.90 (116.60 to 117.60): VN054495.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN054495.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN054495.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: VN054495.D

Acq: 21 Mar 2019 6:40

Instrument :

MSVOA_N

ClientSampleId :

20190128-LOC-5

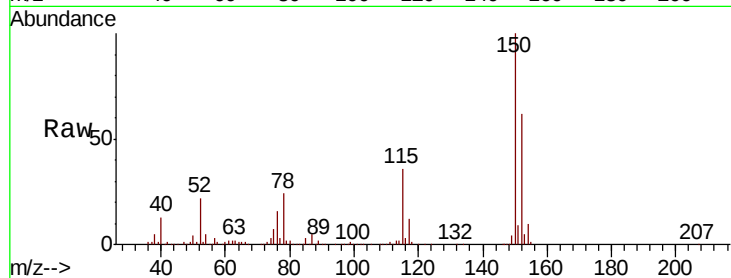
Tot Ion:152 Resp: 341596

Ion Ratio Lower Upper

152 100

115 57.9 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

