

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032019\
 Data File : VN054497.D
 Acq On : 21 Mar 2019 7:35
 Operator : JC/SP
 Sample : K1943-19
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20190132-LOC-9

Quant Time: Mar 22 07:17:27 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

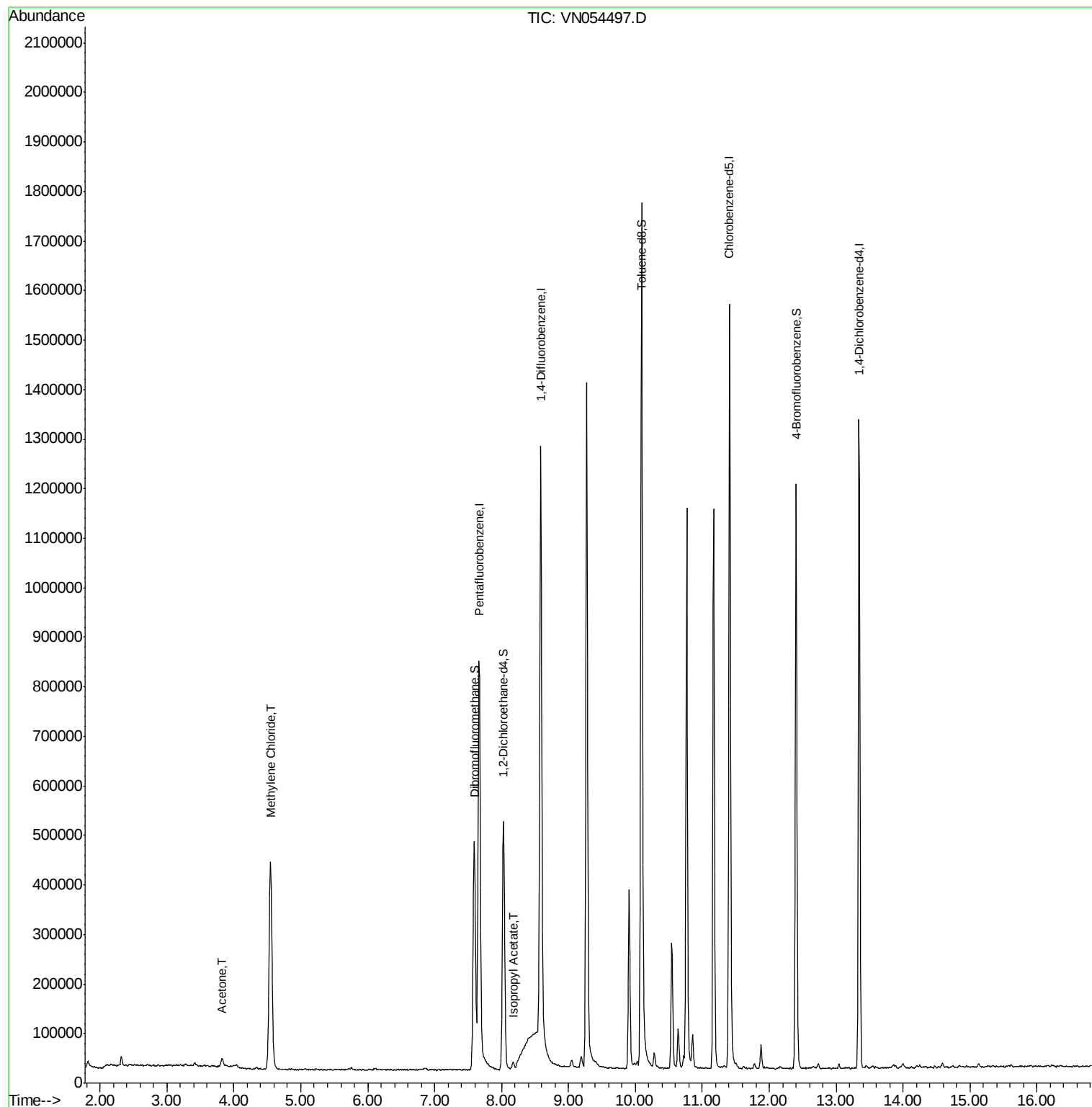
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	730393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1130889	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	929660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	352561	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	442238	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
35) Dibromofluoromethane	7.59	113	349646	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
50) Toluene-d8	10.09	98	1331405	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
62) 4-Bromofluorobenzene	12.40	95	412744	44.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.56%	
Target Compounds						
16) Acetone	3.82	43	27203	9.959	ug/l #	84
20) Methylene Chloride	4.54	84	297407	36.938	ug/l #	84
43) Isopropyl Acetate	8.18	43	17668	1.391	ug/l #	93

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

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Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
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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: VN054497.D

Acq: 21 Mar 2019 7:35

Instrument :

MSVOA_N

ClientSampleId :

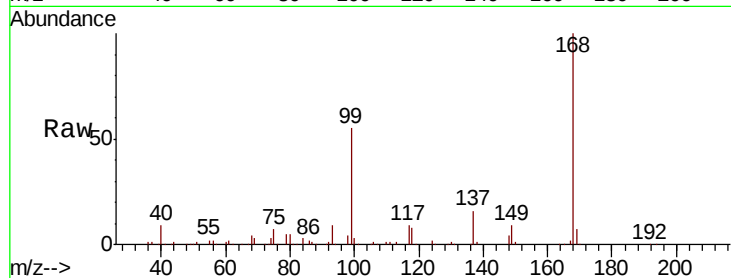
20190132-LOC-9

Tot Ion:168 Resp: 730393

Ion Ratio Lower Upper

168 100

99 54.8 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

300000

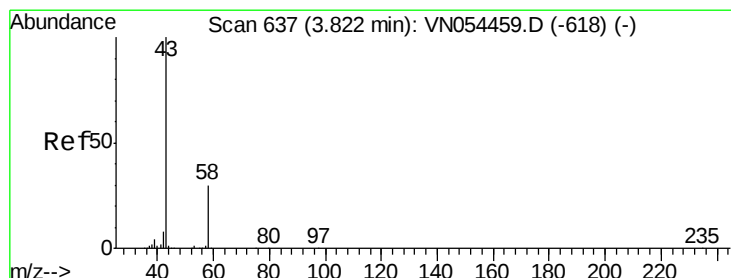
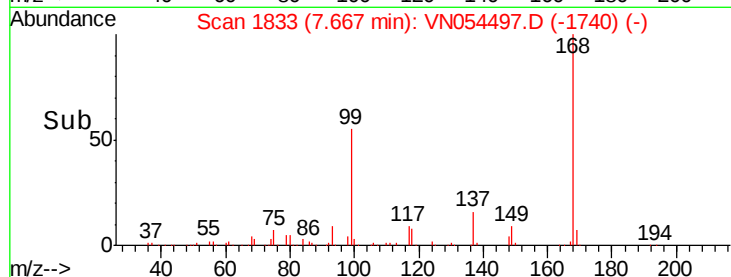
200000

100000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 9.959 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN054497.D

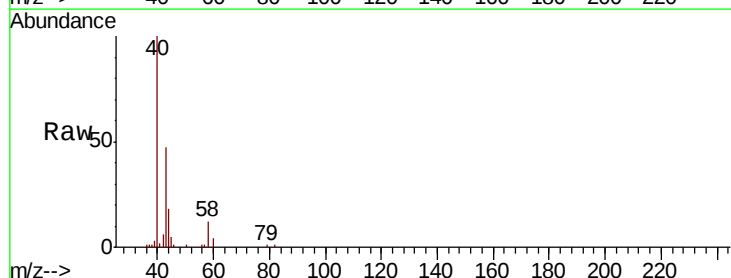
Acq: 21 Mar 2019 7:35

Tgt Ion: 43 Resp: 27203

Ion Ratio Lower Upper

43 100

58 28.0 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

12000

10000

8000

6000

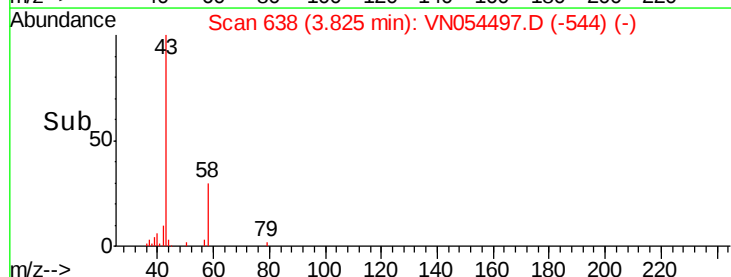
4000

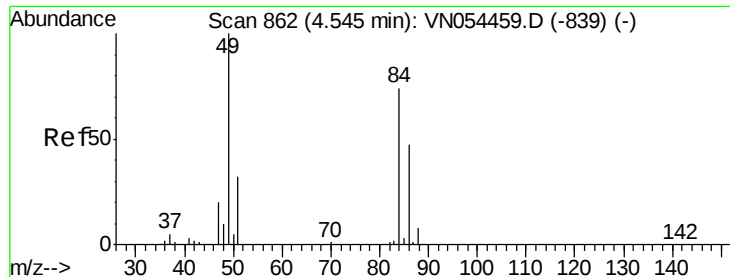
2000

0

3.75 3.80 3.85 3.90

Time-->

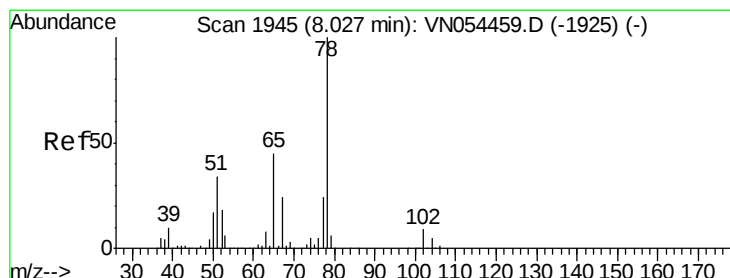
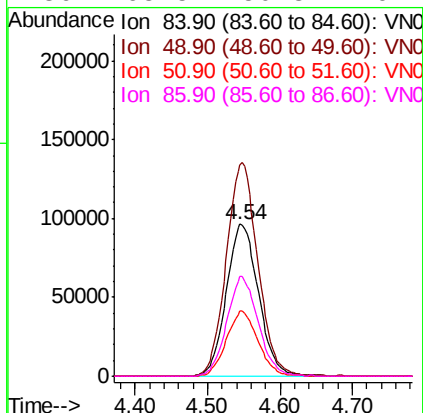
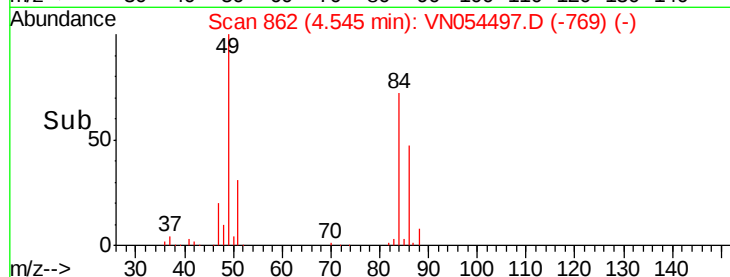
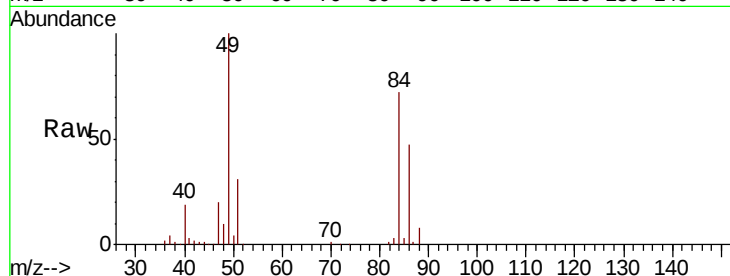




#20
Methvlene Chloride
Concen: 36.938 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN054497.D
Acq: 21 Mar 2019 7:35

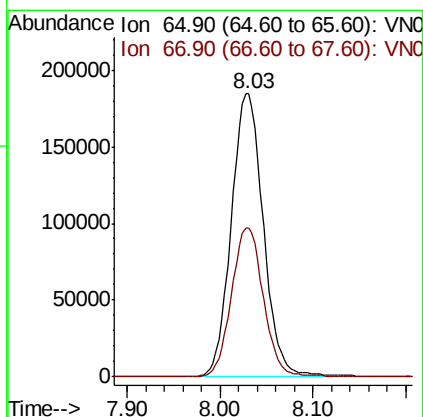
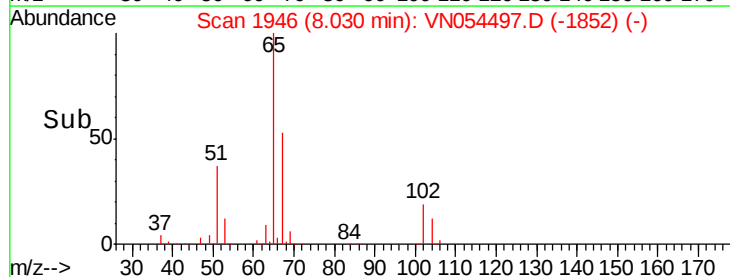
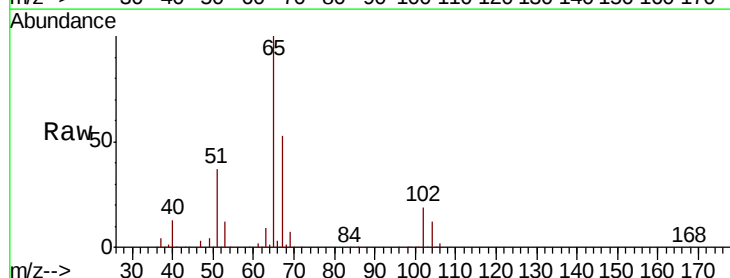
Instrument :
MSVOA_N
ClientSampleId :
20190132-LOC-9

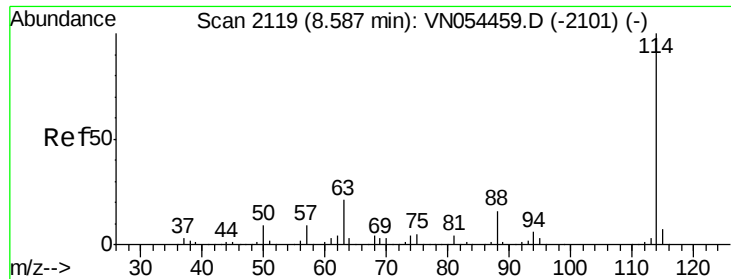
Tot Ion: 84 Resp: 297407
Ion Ratio Lower Upper
84 100
49 139.3 89.7 134.5#
51 42.8 28.2 42.4#
86 65.5 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 48.678 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054497.D
Acq: 21 Mar 2019 7:35

Tgt Ion: 65 Resp: 442238
Ion Ratio Lower Upper
65 100
67 52.7 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: VN054497.D

Acq: 21 Mar 2019 7:35

Instrument :

MSVOA_N

ClientSampleId :

20190132-LOC-9

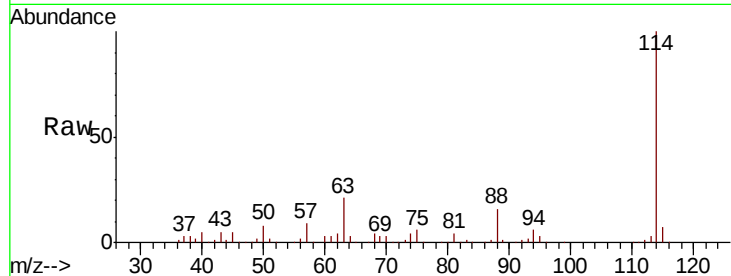
Tot Ion:114 Resp: 1130889

Ion Ratio Lower Upper

114 100

63 21.4 0.0 35.2

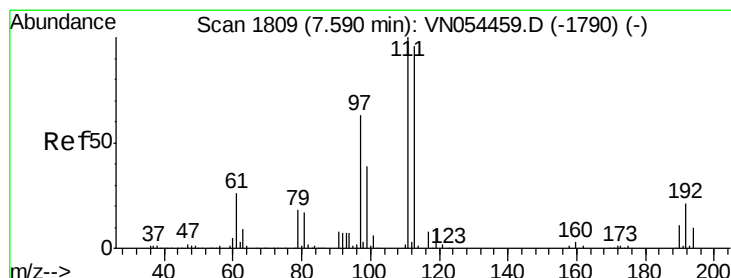
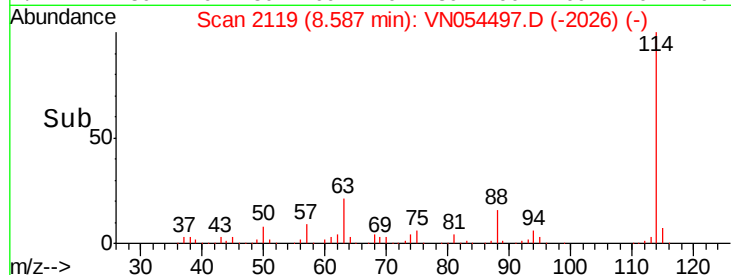
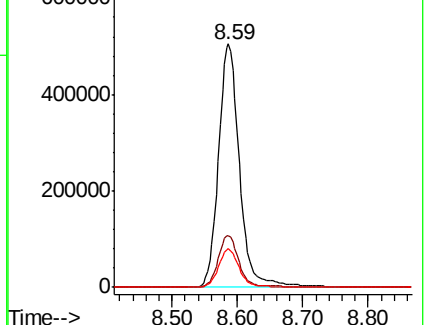
88 15.8 0.0 30.2



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: 47.991 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054497.D

Acq: 21 Mar 2019 7:35

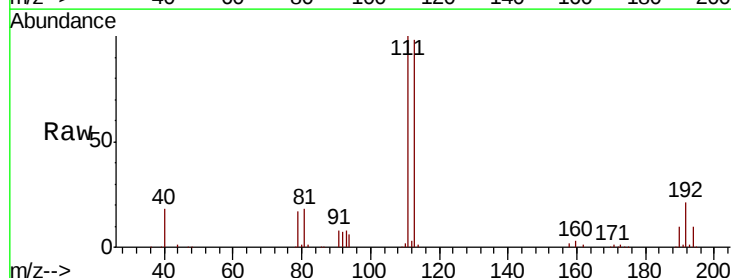
Tgt Ion:113 Resp: 349646

Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

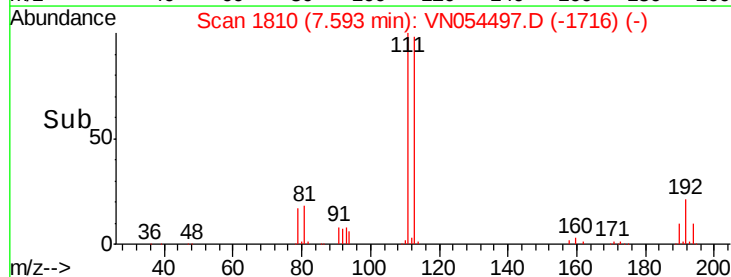
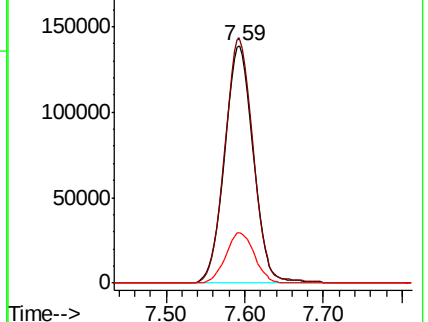
192 21.2 19.2 28.8

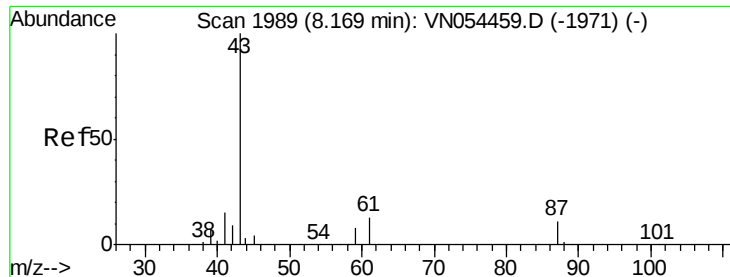


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.391 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN054497.D

Acq: 21 Mar 2019 7:35

Instrument :

MSVOA_N

ClientSampleId :

20190132-LOC-9

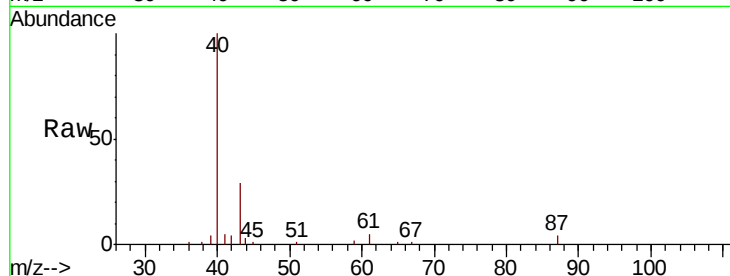
Tot Ion: 43 Resp: 17668

Ion Ratio Lower Upper

43 100

61 16.6 15.8 23.8

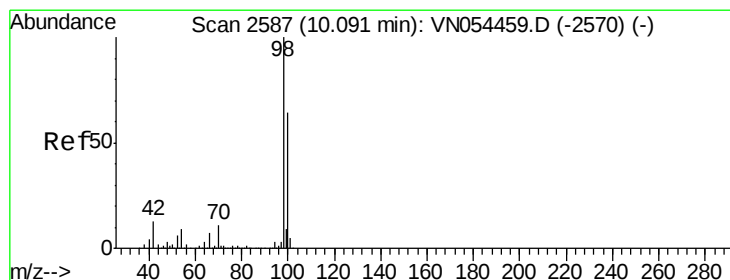
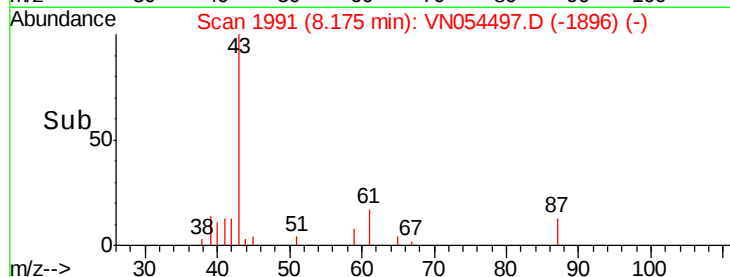
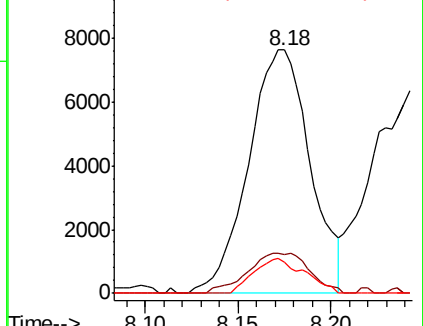
87 11.8 12.0 18.0#



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: 48.609 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054497.D

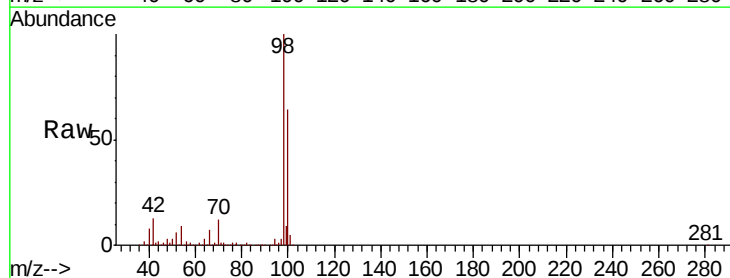
Acq: 21 Mar 2019 7:35

Tgt Ion: 98 Resp: 1331405

Ion Ratio Lower Upper

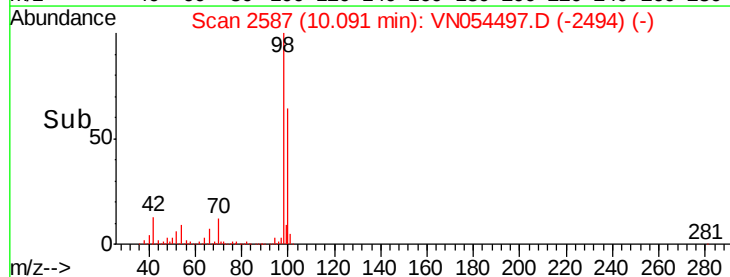
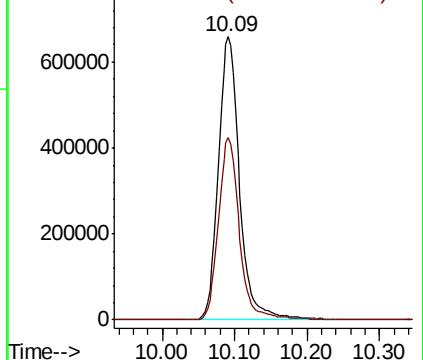
98 100

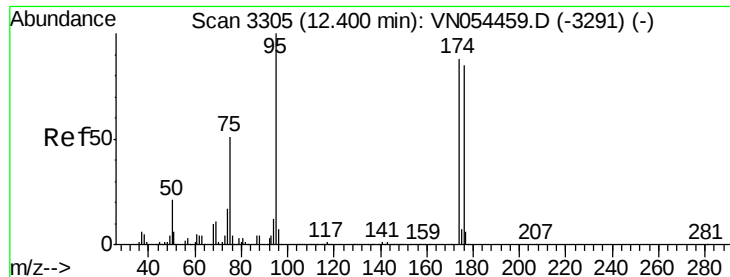
100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 44.284 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054497.D

Acq: 21 Mar 2019 7:35

Instrument :

MSVOA_N

ClientSampleId :

20190132-LOC-9

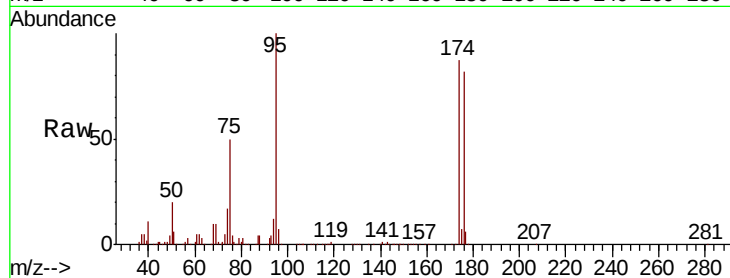
Tot Ion: 95 Resp: 412744

Ion Ratio Lower Upper

95 100

174 85.4 0.0 191.0

176 82.6 0.0 187.4

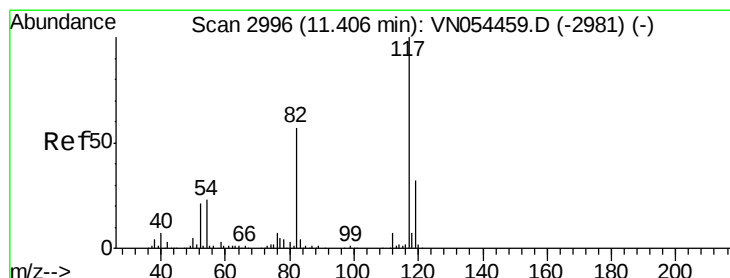
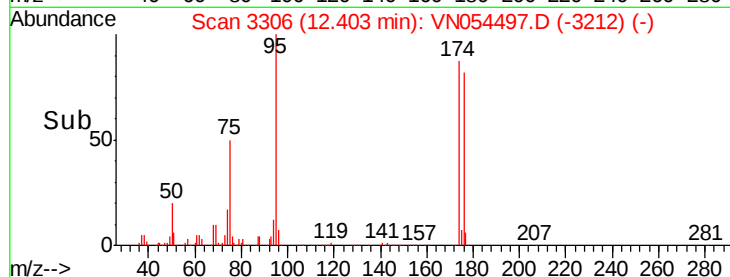
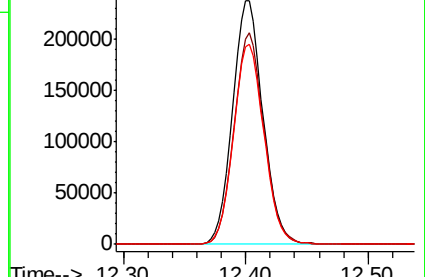


Abundance Ion 94.90 (94.60 to 95.60): VN054459.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054459.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054459.D (-3291) (-)

12.40



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054497.D

Acq: 21 Mar 2019 7:35

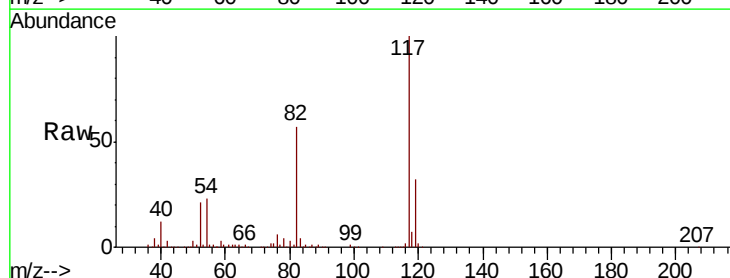
Tgt Ion: 117 Resp: 929660

Ion Ratio Lower Upper

117 100

82 56.7 40.0 60.0

119 32.2 25.8 38.6

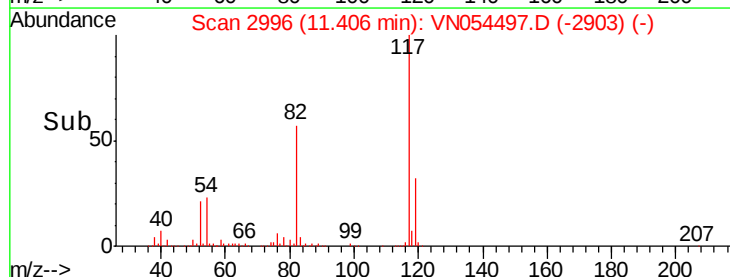
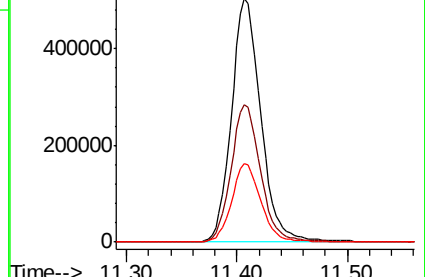


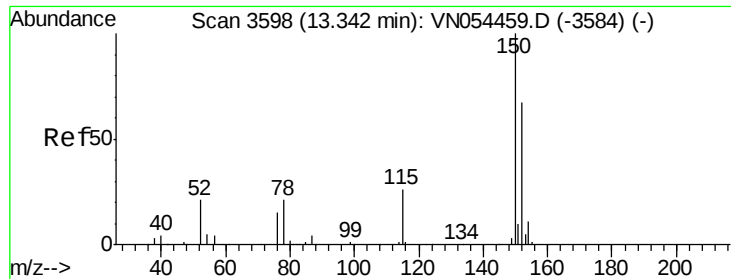
Abundance Ion 116.90 (116.60 to 117.60): VN054459.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN054459.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN054459.D (-2981) (-)

11.41





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054497.D

Acq: 21 Mar 2019 7:35

Instrument :

MSVOA_N

ClientSampleId :

20190132-LOC-9

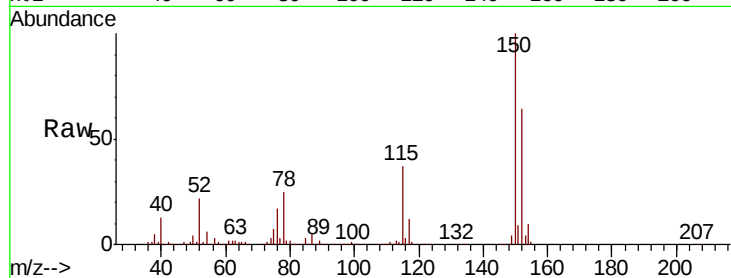
Tot Ion:152 Resp: 352561

Ion Ratio Lower Upper

152 100

115 57.1 27.2 81.6

150 157.6 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

