

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032619\
 Data File : VN054697.D
 Acq On : 26 Mar 2019 14:32
 Operator : JC/SP
 Sample : K2081-21
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S3B(27)

Quant Time: Mar 27 04:41:38 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

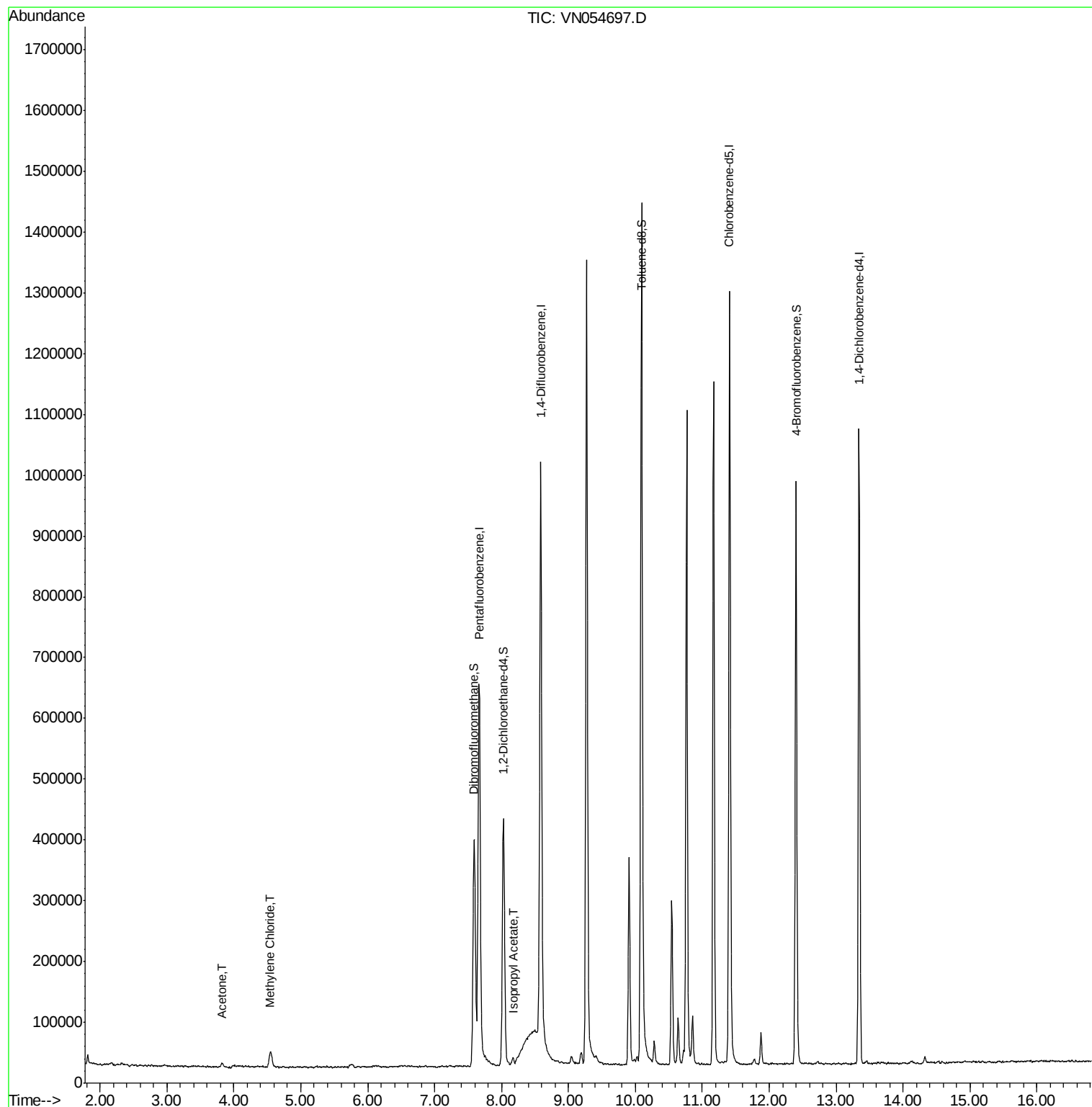
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	553307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	881864	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	746326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	277048	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	355598	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.34%	
35) Dibromofluoromethane	7.59	113	283144	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
50) Toluene-d8	10.09	98	1052590	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
62) 4-Bromofluorobenzene	12.40	95	326826	44.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.94%	
Target Compounds						
16) Acetone	3.82	43	10597	5.121	ug/l #	87
20) Methylene Chloride	4.55	84	16243	2.663	ug/l #	71
43) Isopropyl Acetate	8.17	43	15682	1.583	ug/l #	95

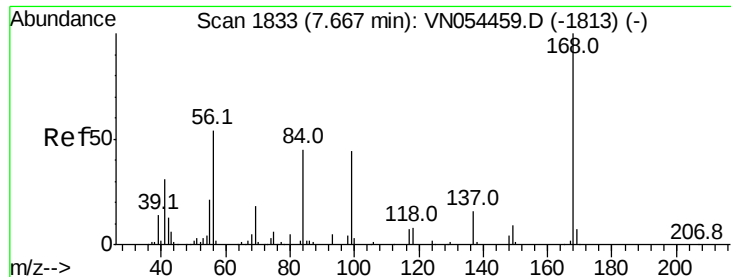
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032619\
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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: VN054697.D

Acq: 26 Mar 2019 14:32

Instrument :

MSVOA_N

ClientSampleId :

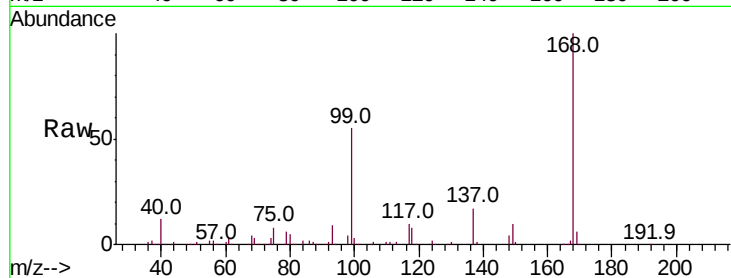
S3B(27)

Tot Ion:168 Resp: 553307

Ion Ratio Lower Upper

168 100

99 54.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054459.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN054459.D (-1813) (-)

7.67

250000

200000

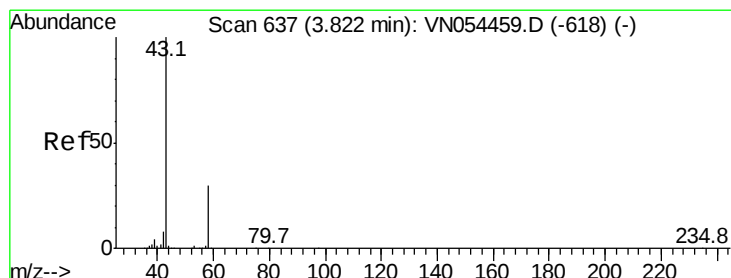
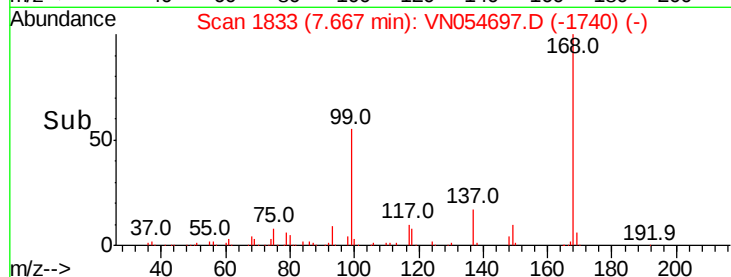
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 5.121 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN054697.D

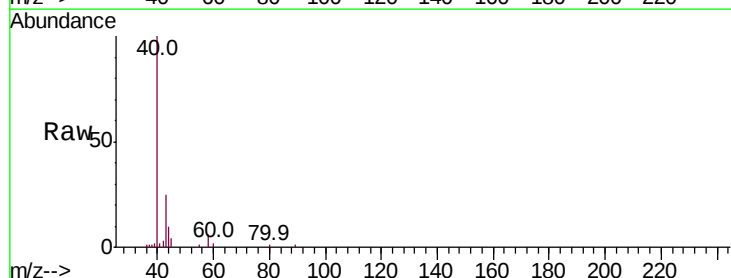
Acq: 26 Mar 2019 14:32

Tgt Ion: 43 Resp: 10597

Ion Ratio Lower Upper

43 100

58 29.9 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN054459.D (-618) (-)

Ion 58.00 (57.70 to 58.70): VN054459.D (-618) (-)

3.82

6000

5000

4000

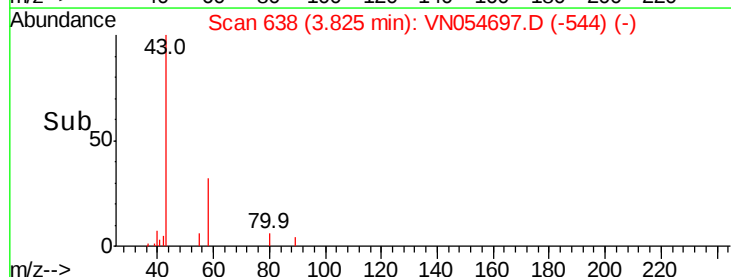
3000

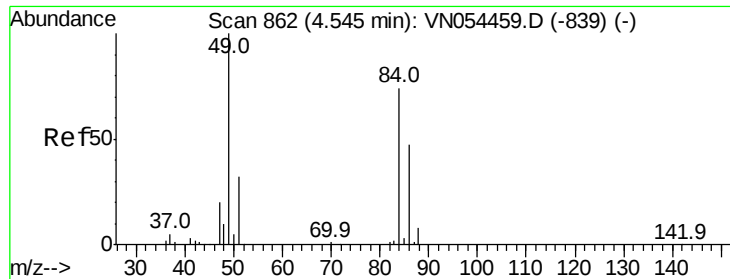
2000

1000

0

Time--> 3.75 3.80 3.85 3.90

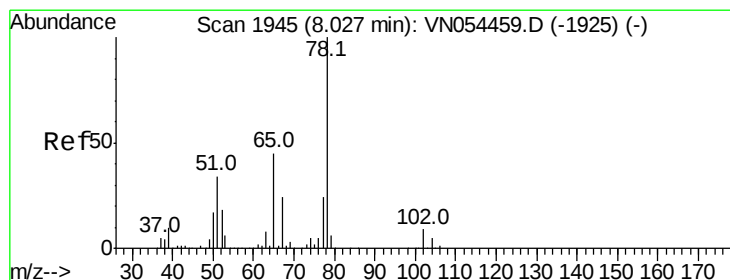
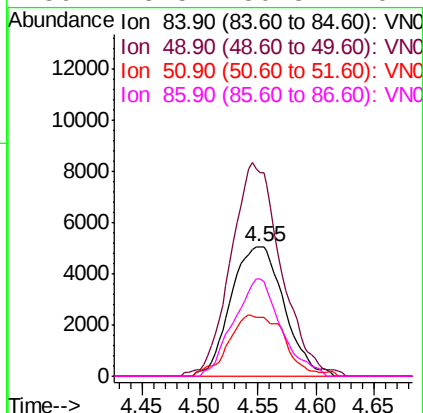
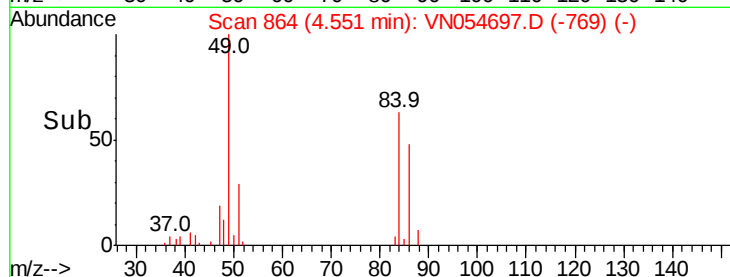
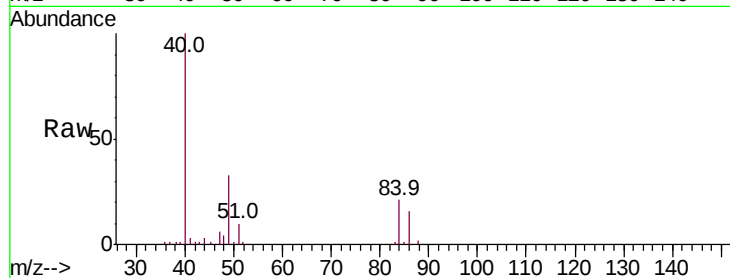




#20
Methylene Chloride
Concen: 2.663 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.01 min
Lab File: VN054697.D
Acq: 26 Mar 2019 14:32

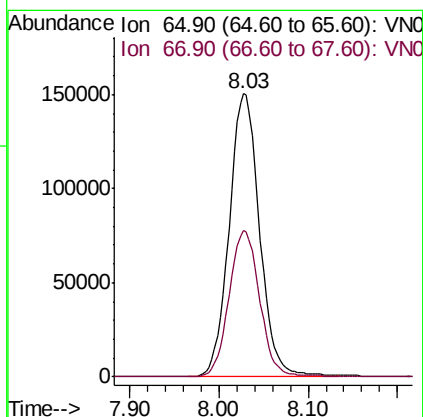
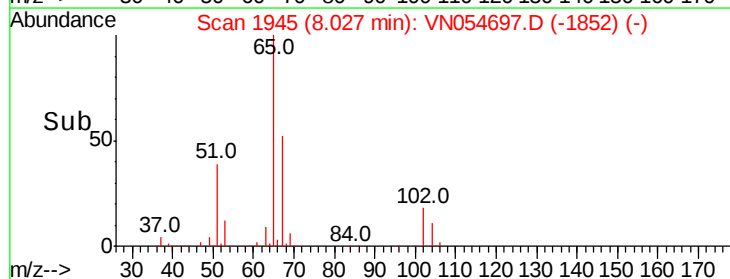
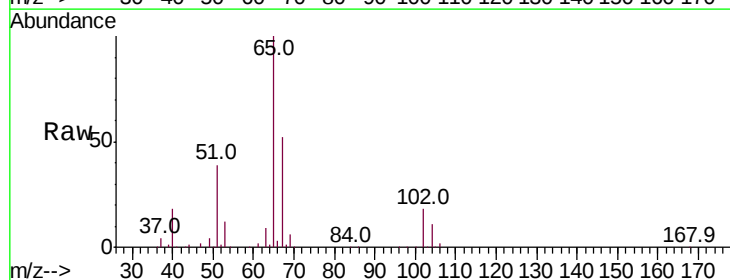
Instrument :
MSVOA_N
ClientSampleId :
S3B(27)

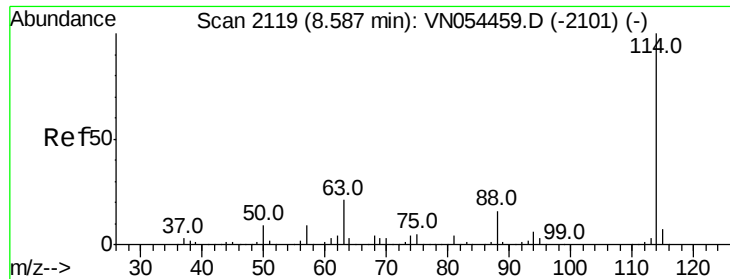
Tot Ion: 84 Resp: 16243
Ion Ratio Lower Upper
84 100
49 154.3 89.7 134.5#
51 45.4 28.2 42.4#
86 75.5 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 51.669 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054697.D
Acq: 26 Mar 2019 14:32

Tgt Ion: 65 Resp: 355598
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.6

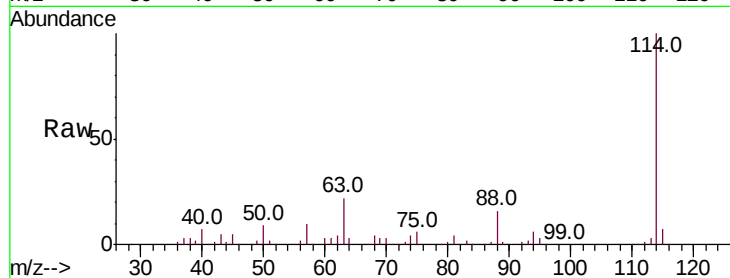




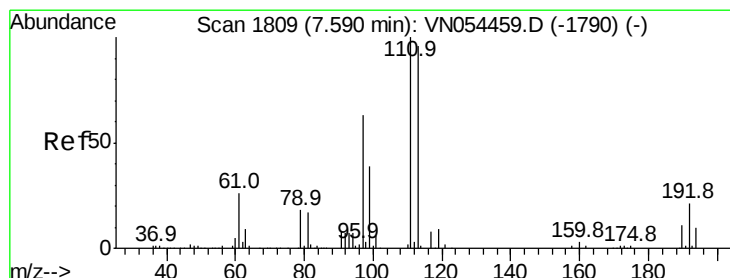
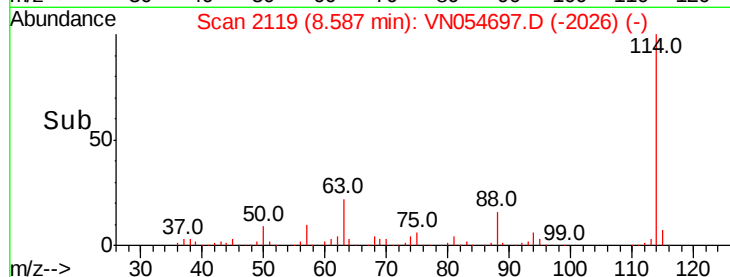
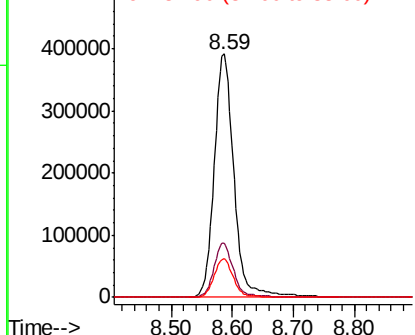
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054697.D
 Acq: 26 Mar 2019 14:32

Instrument :
 MSVOA_N
 ClientSampled :
 S3B(27)

Tot Ion:114 Resp: 881864
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 35.2
 88 15.8 0.0 30.2

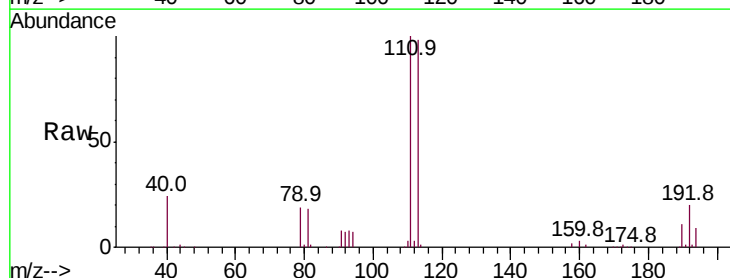


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

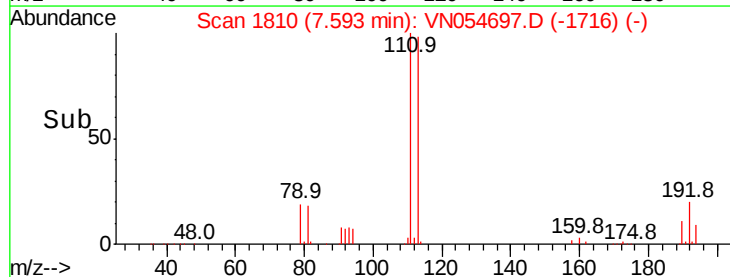
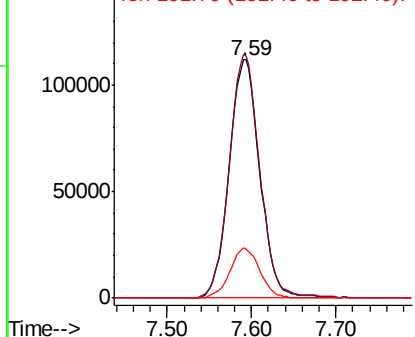


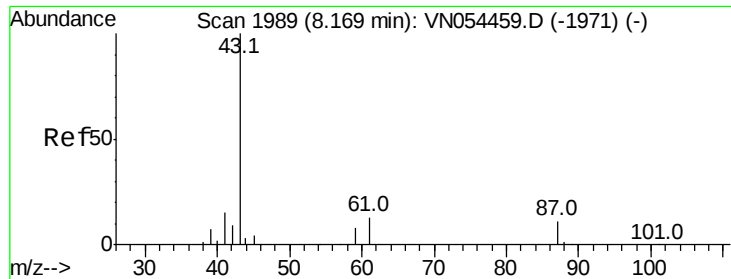
#35
 Dibromofluoromethane
 Concen: 49.837 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054697.D
 Acq: 26 Mar 2019 14:32

Tgt Ion:113 Resp: 283144
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.2 123.4
 192 20.5 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: 1.583 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054697.D

Acq: 26 Mar 2019 14:32

Instrument :

MSVOA_N

ClientSampleId :

S3B(27)

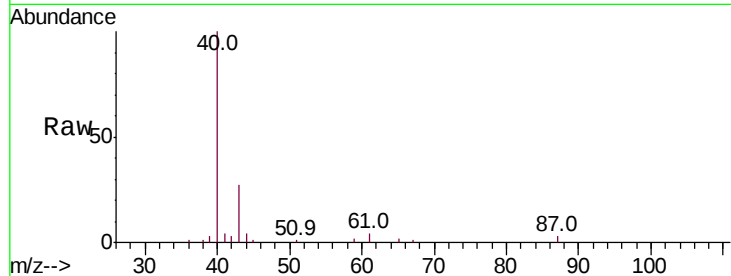
Tot Ion: 43 Resp: 15682

Ion Ratio Lower Upper

43 100

61 18.5 15.8 23.8

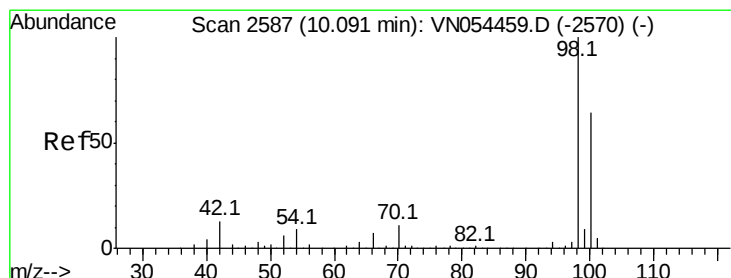
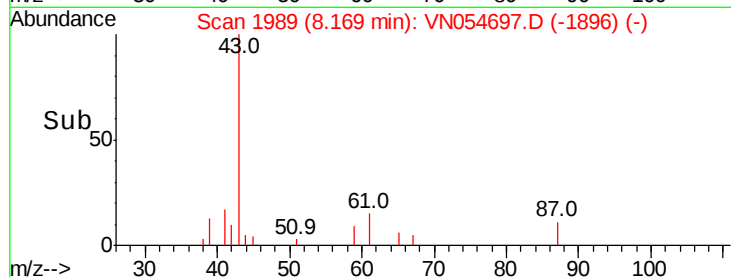
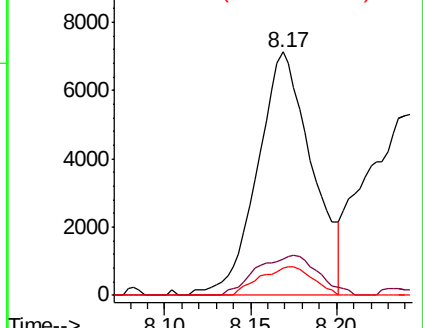
87 11.3 12.0 18.0#



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: 49.282 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054697.D

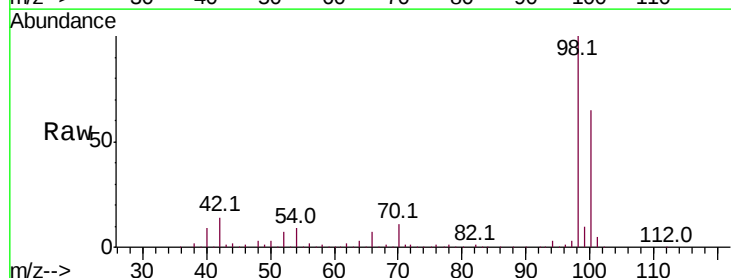
Acq: 26 Mar 2019 14:32

Tgt Ion: 98 Resp: 1052590

Ion Ratio Lower Upper

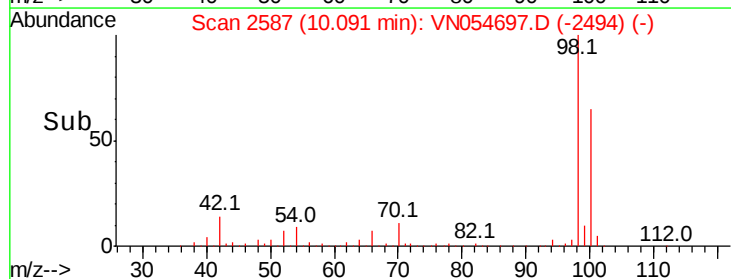
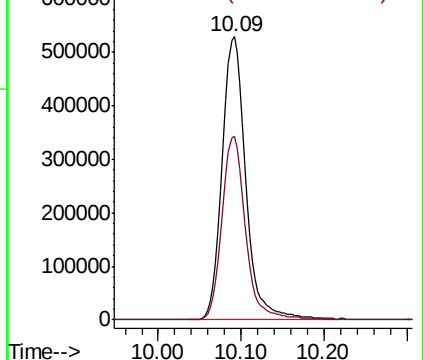
98 100

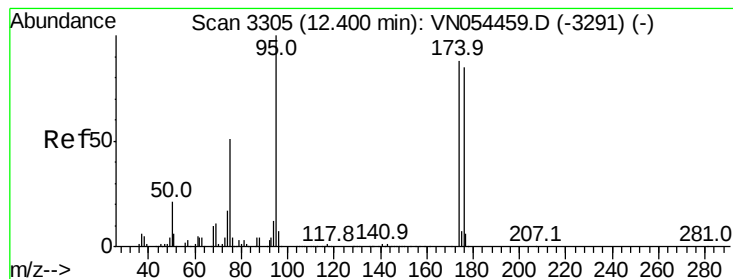
100 64.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 44.968 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054697.D

Acq: 26 Mar 2019 14:32

Instrument :

MSVOA_N

ClientSampleId :

S3B(27)

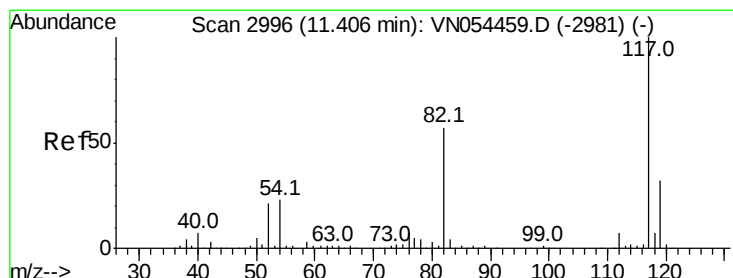
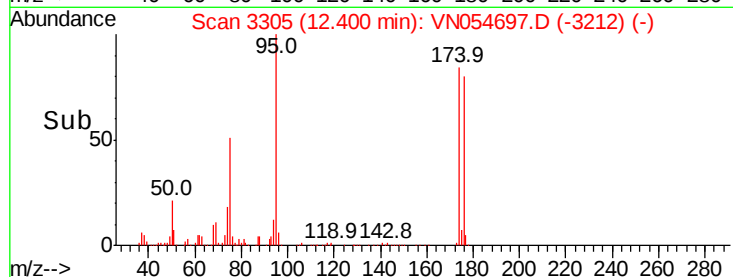
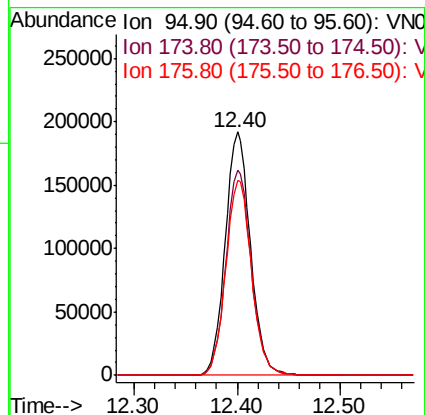
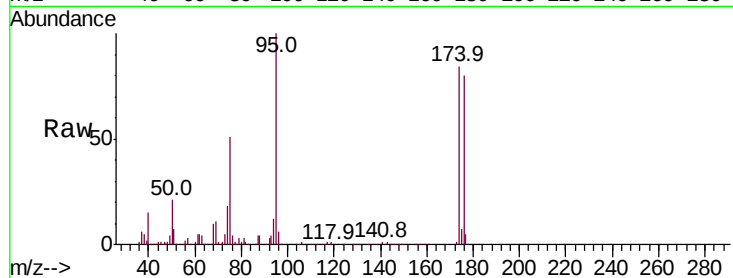
Tot Ion: 95 Resp: 326826

Ion Ratio Lower Upper

95 100

174 84.8 0.0 191.0

176 81.8 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: VN054697.D

Acq: 26 Mar 2019 14:32

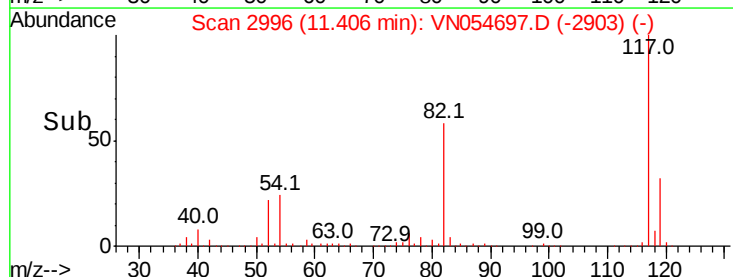
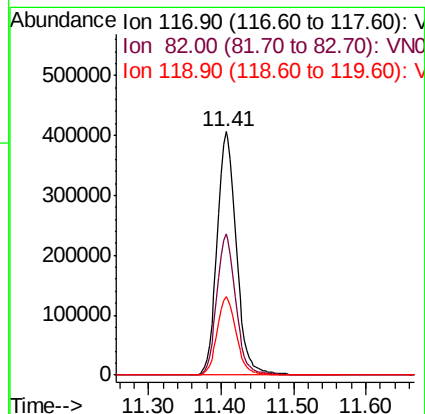
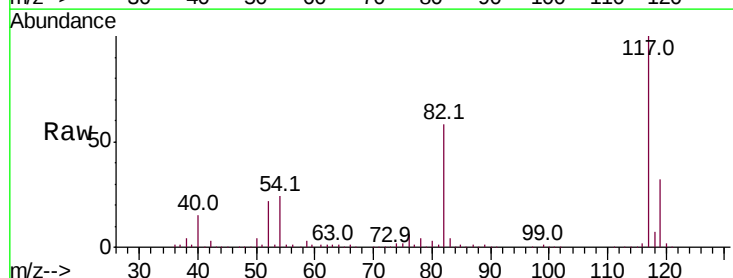
Tgt Ion: 117 Resp: 746326

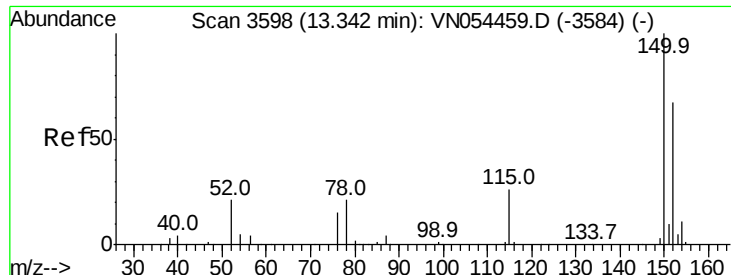
Ion Ratio Lower Upper

117 100

82 57.9 40.0 60.0

119 32.1 25.8 38.6

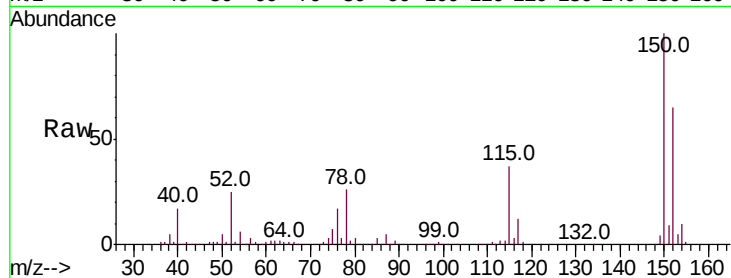




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN054697.D
 Acq: 26 Mar 2019 14:32

Instrument :
 MSVOA_N
 ClientSampleId :
 S3B(27)

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.4	27.2	81.6
150	156.1	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

