

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032619\
 Data File : VN054696.D
 Acq On : 26 Mar 2019 14:06
 Operator : JC/SP
 Sample : K2081-23
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S4C(12)

Quant Time: Mar 27 04:39:49 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

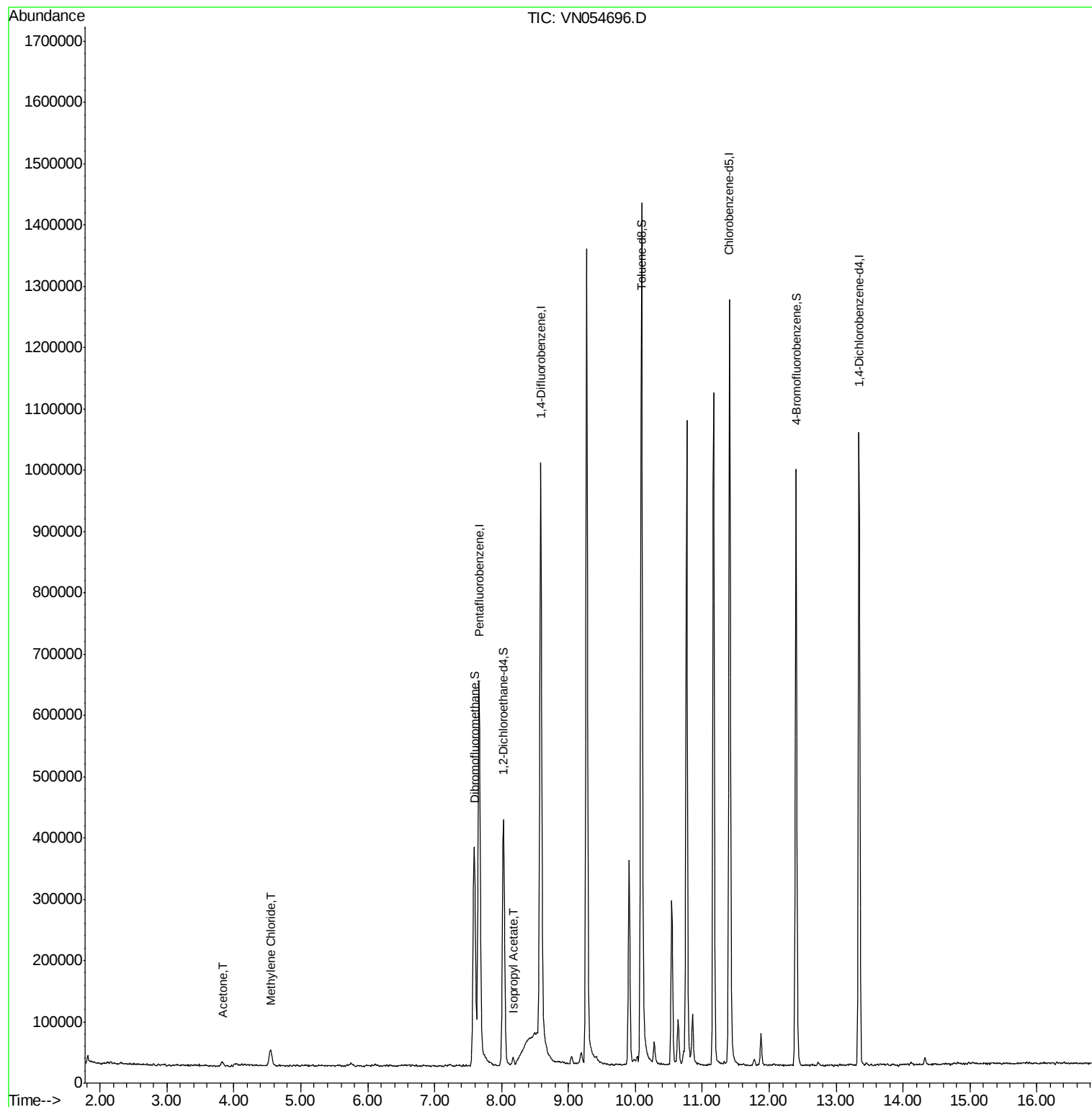
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	527777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	875270	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	746468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	271523	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	353732	53.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.76%	
35) Dibromofluoromethane	7.59	113	272745	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
50) Toluene-d8	10.09	98	1043301	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
62) 4-Bromofluorobenzene	12.40	95	327622	45.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.84%	
Target Compounds						
16) Acetone	3.82	43	10561	5.351	ug/l #	82
20) Methylene Chloride	4.55	84	18196	3.128	ug/l #	76
43) Isopropyl Acetate	8.17	43	15168	1.543	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: VN054696.D

Acq: 26 Mar 2019 14:06

Instrument :

MSVOA_N

ClientSampleId :

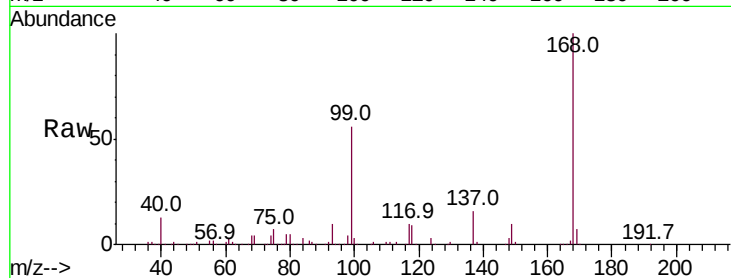
S4C(12)

Tot Ion:168 Resp: 527777

Ion Ratio Lower Upper

168 100

99 56.3 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

250000

200000

150000

100000

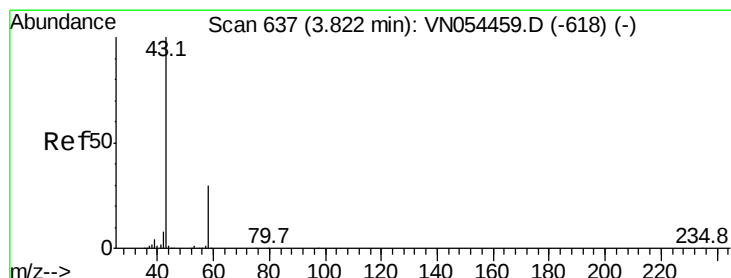
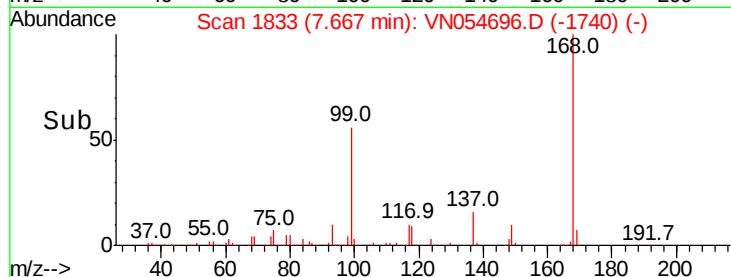
50000

0

7.60 7.70

7.67

Time-->



#16

Acetone

Concen: 5.351 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN054696.D

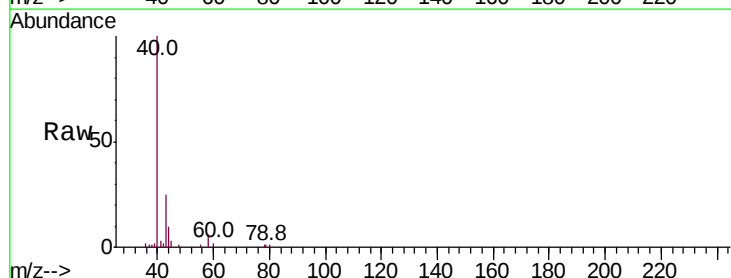
Acq: 26 Mar 2019 14:06

Tgt Ion: 43 Resp: 10561

Ion Ratio Lower Upper

43 100

58 26.5 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

6000

5000

4000

3000

2000

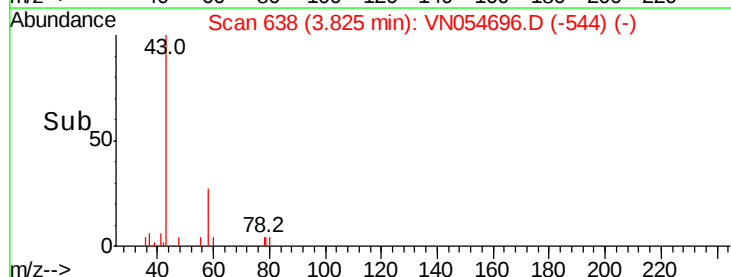
1000

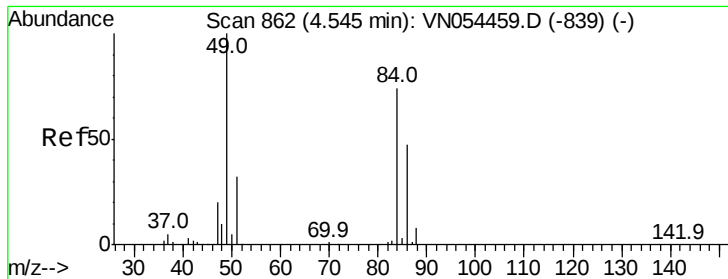
0

3.75 3.80 3.85

3.82

Time-->

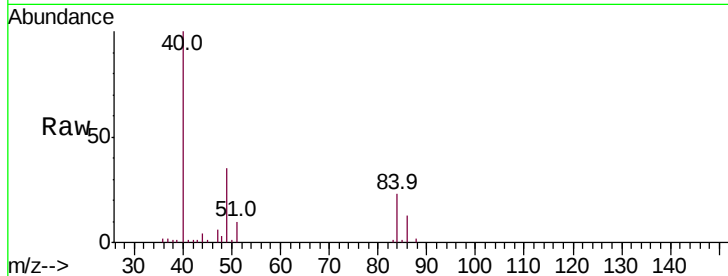




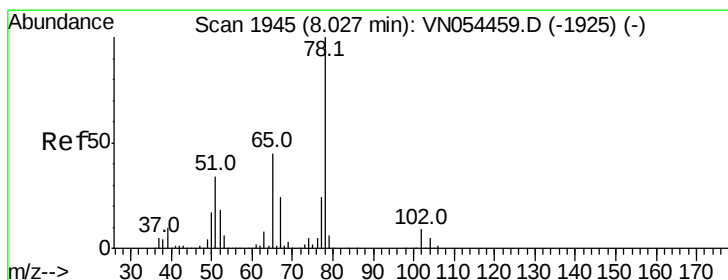
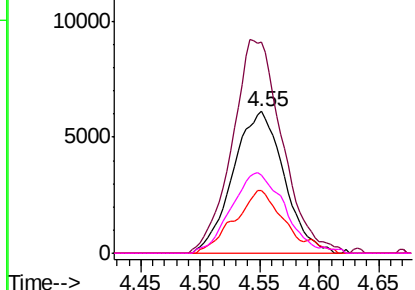
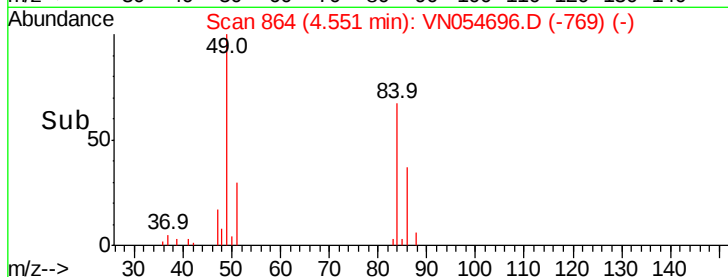
#20
Methvlene Chloride
Concen: 3.128 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.01 min
Lab File: VN054696.D
Acq: 26 Mar 2019 14:06

Instrument :
MSVOA_N
ClientSampled :
S4C(12)

Tot Ion: 84 Resp: 18196
Ion Ratio Lower Upper
84 100
49 149.0 89.7 134.5#
51 44.7 28.2 42.4#
86 55.0 50.8 76.2

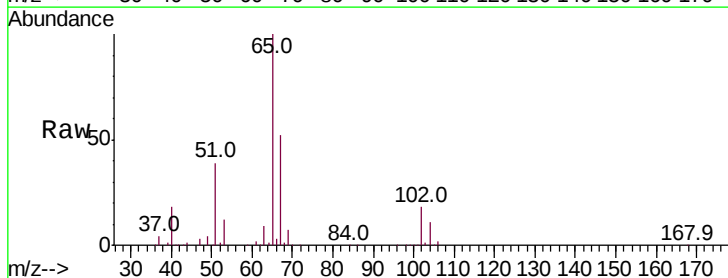


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

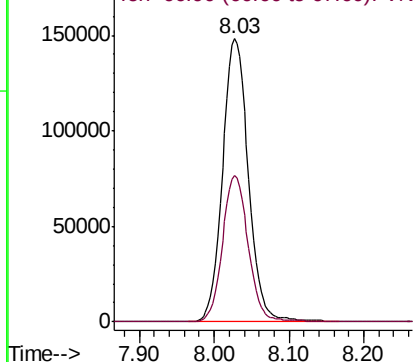
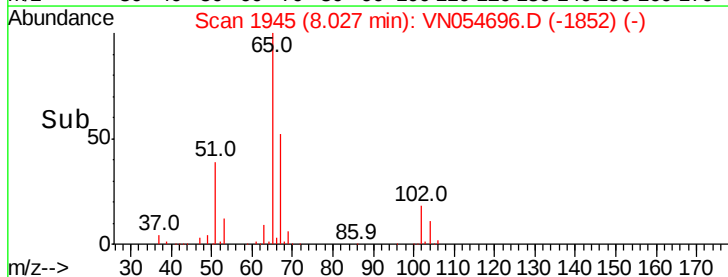


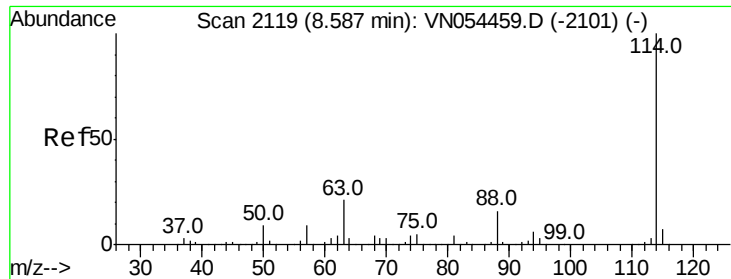
#33
1,2-Dichloroethane-d4
Concen: 53.884 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054696.D
Acq: 26 Mar 2019 14:06

Tgt Ion: 65 Resp: 353732
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

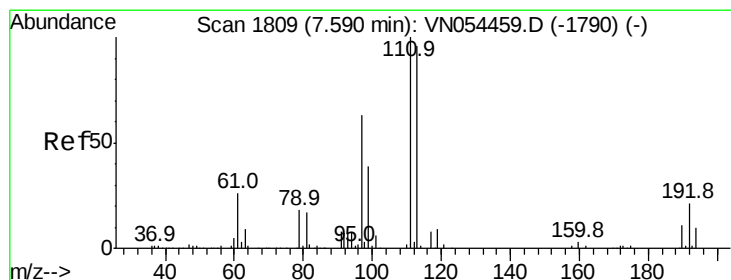
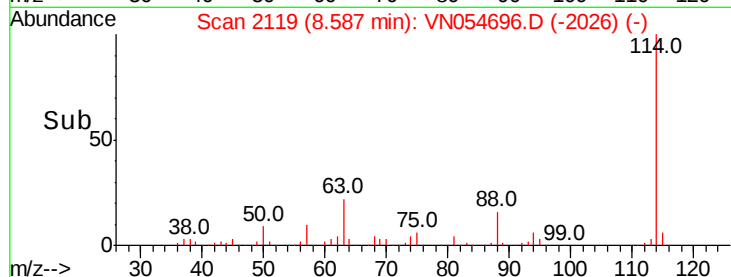
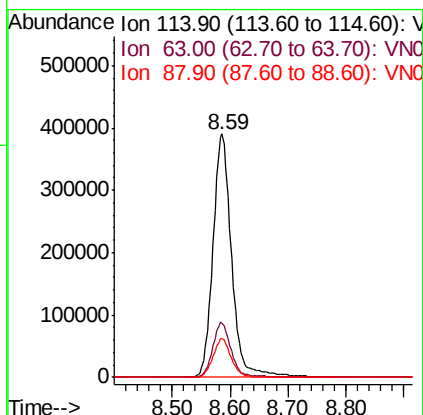
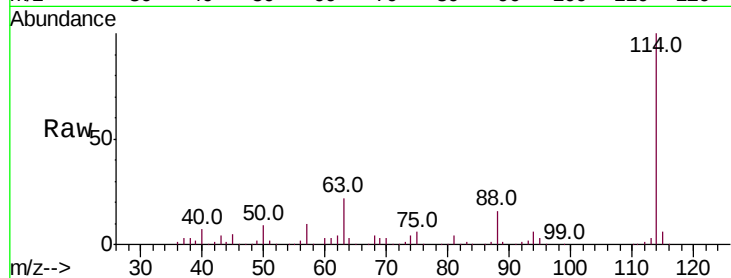




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054696.D
 Acq: 26 Mar 2019 14:06

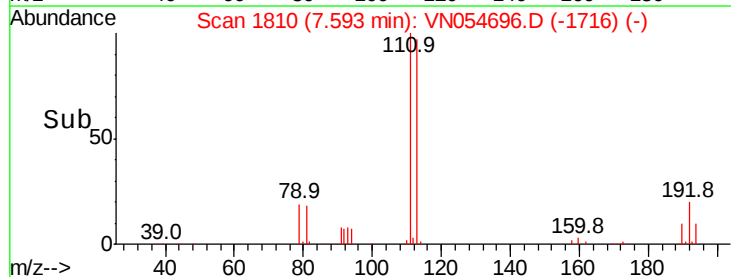
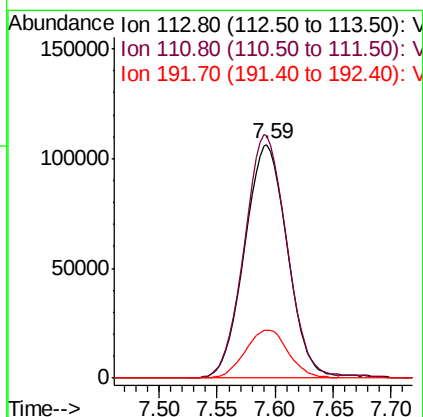
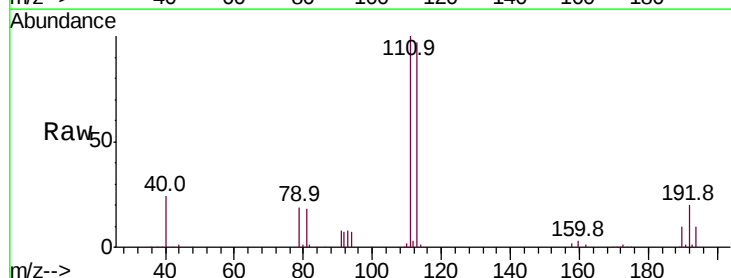
Instrument :
 MSVOA_N
 ClientSampleId :
 S4C(12)

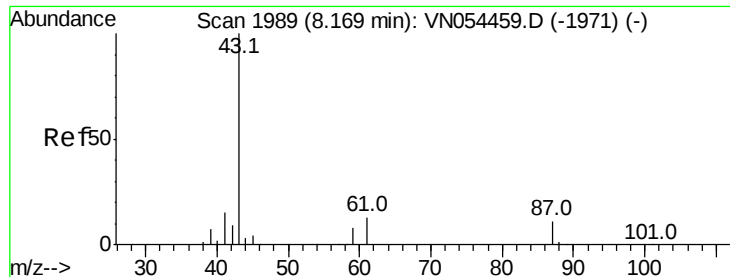
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	35.2
88	16.1	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 48.368 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054696.D
 Acq: 26 Mar 2019 14:06

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.2	123.4
192	20.7	19.2	28.8





#43

Isopropyl Acetate

Concen: 1.543 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN054696.D

Acq: 26 Mar 2019 14:06

Instrument :

MSVOA_N

ClientSampleId :

S4C(12)

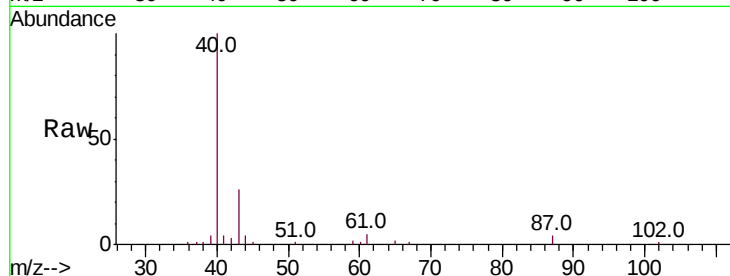
Tot Ion: 43 Resp: 15168

Ion Ratio Lower Upper

43 100

61 21.1 15.8 23.8

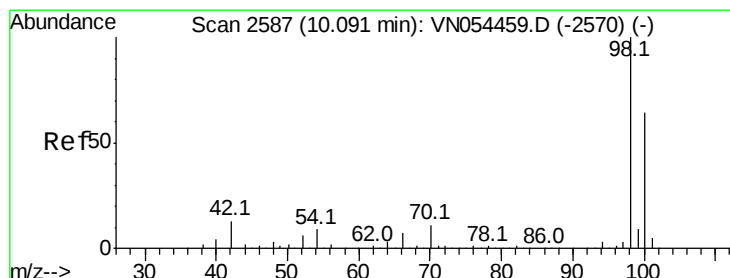
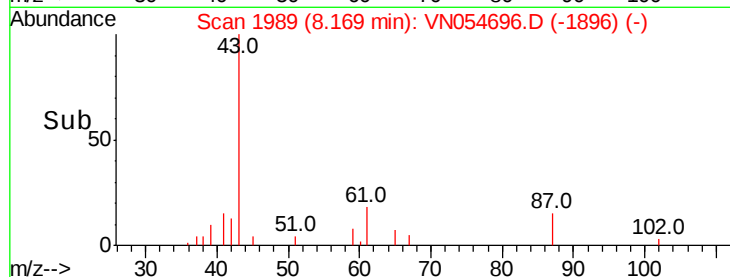
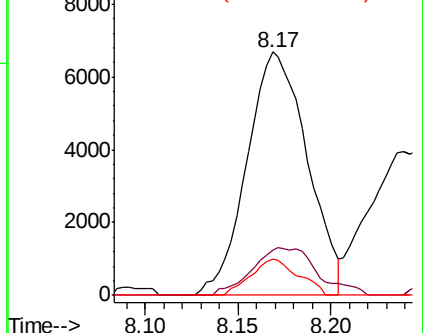
87 11.7 12.0 18.0#



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: 49.215 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054696.D

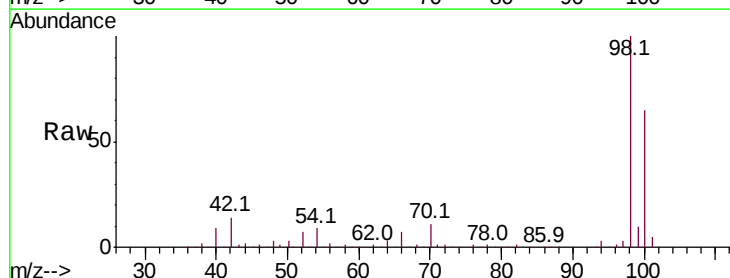
Acq: 26 Mar 2019 14:06

Tgt Ion: 98 Resp: 1043301

Ion Ratio Lower Upper

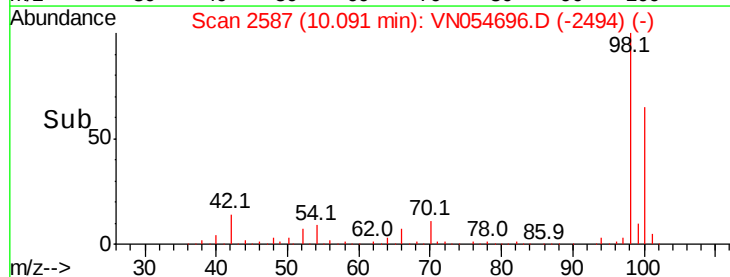
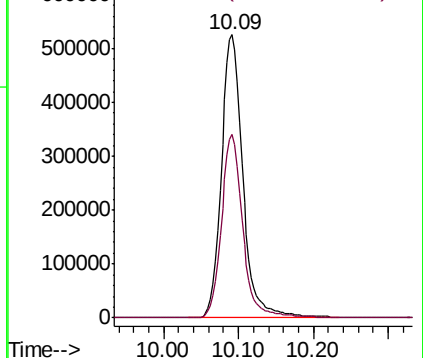
98 100

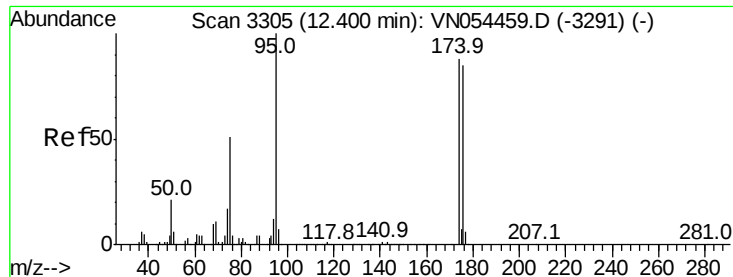
100 64.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 45.417 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054696.D

Acq: 26 Mar 2019 14:06

Instrument :

MSVOA_N

ClientSampled :

S4C(12)

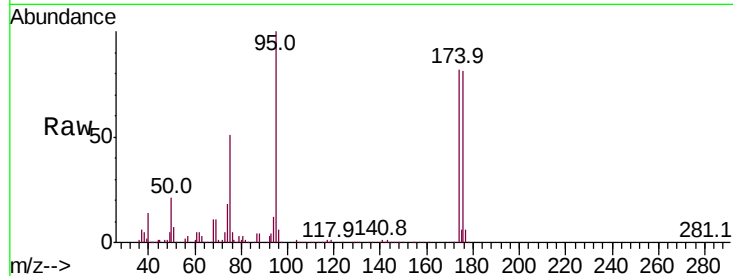
Tot Ion: 95 Resp: 327622

Ion Ratio Lower Upper

95 100

174 82.7 0.0 191.0

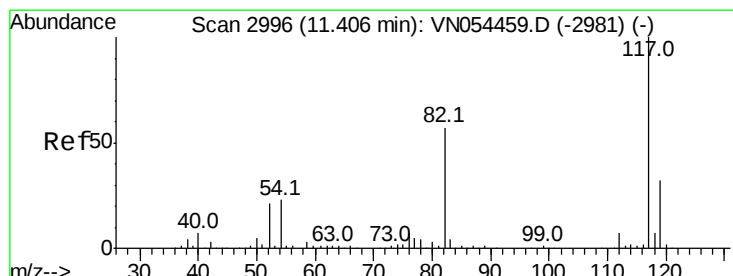
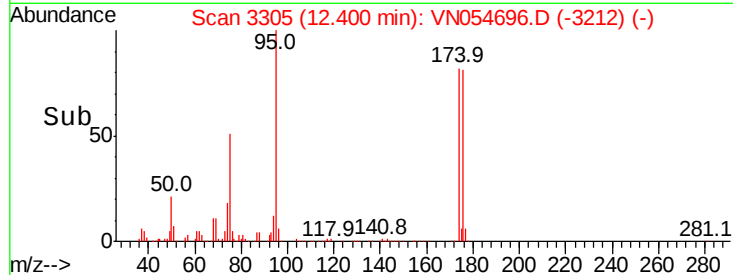
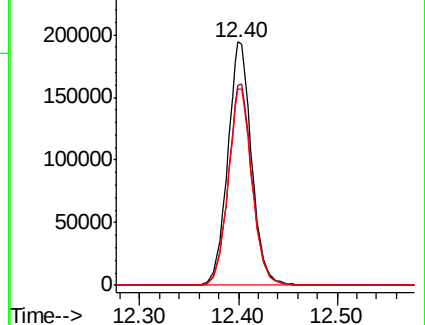
176 80.3 0.0 187.4



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054696.D

Acq: 26 Mar 2019 14:06

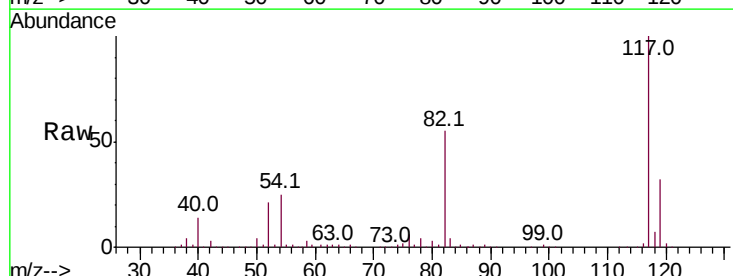
Tgt Ion: 117 Resp: 746468

Ion Ratio Lower Upper

117 100

82 55.1 40.0 60.0

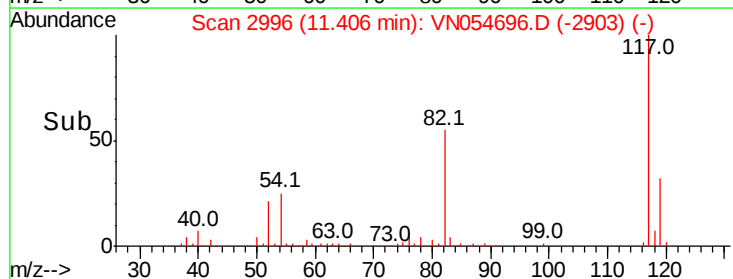
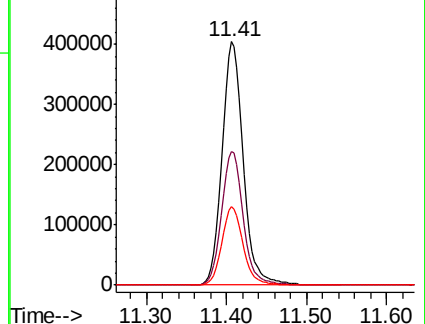
119 32.3 25.8 38.6

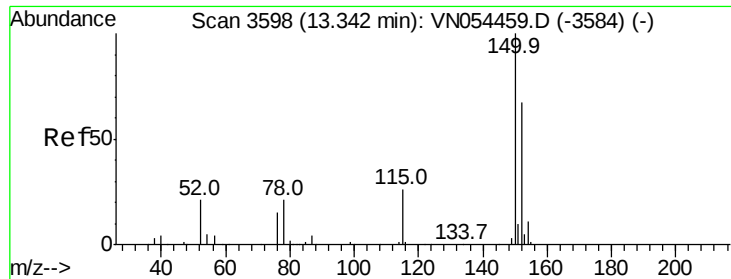


Abundance Ion 116.90 (116.60 to 117.60): VN054459.D (-2981) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054696.D

Acq: 26 Mar 2019 14:06

Instrument :

MSVOA_N

ClientSampleId :

S4C(12)

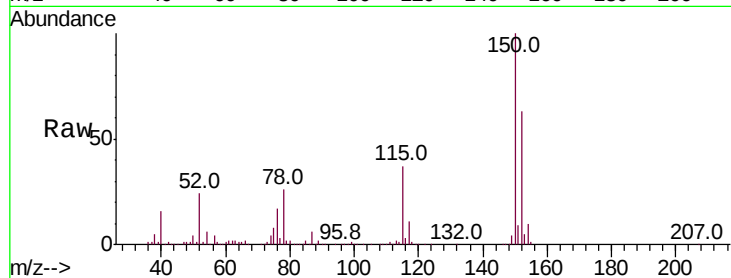
Tot Ion:152 Resp: 271523

Ion Ratio Lower Upper

152 100

115 59.4 27.2 81.6

150 158.6 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

