

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032619\
 Data File : VN054700.D
 Acq On : 26 Mar 2019 15:51
 Operator : JC/SP
 Sample : K1693-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-01-032519-B

Quant Time: Mar 27 04:51:20 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

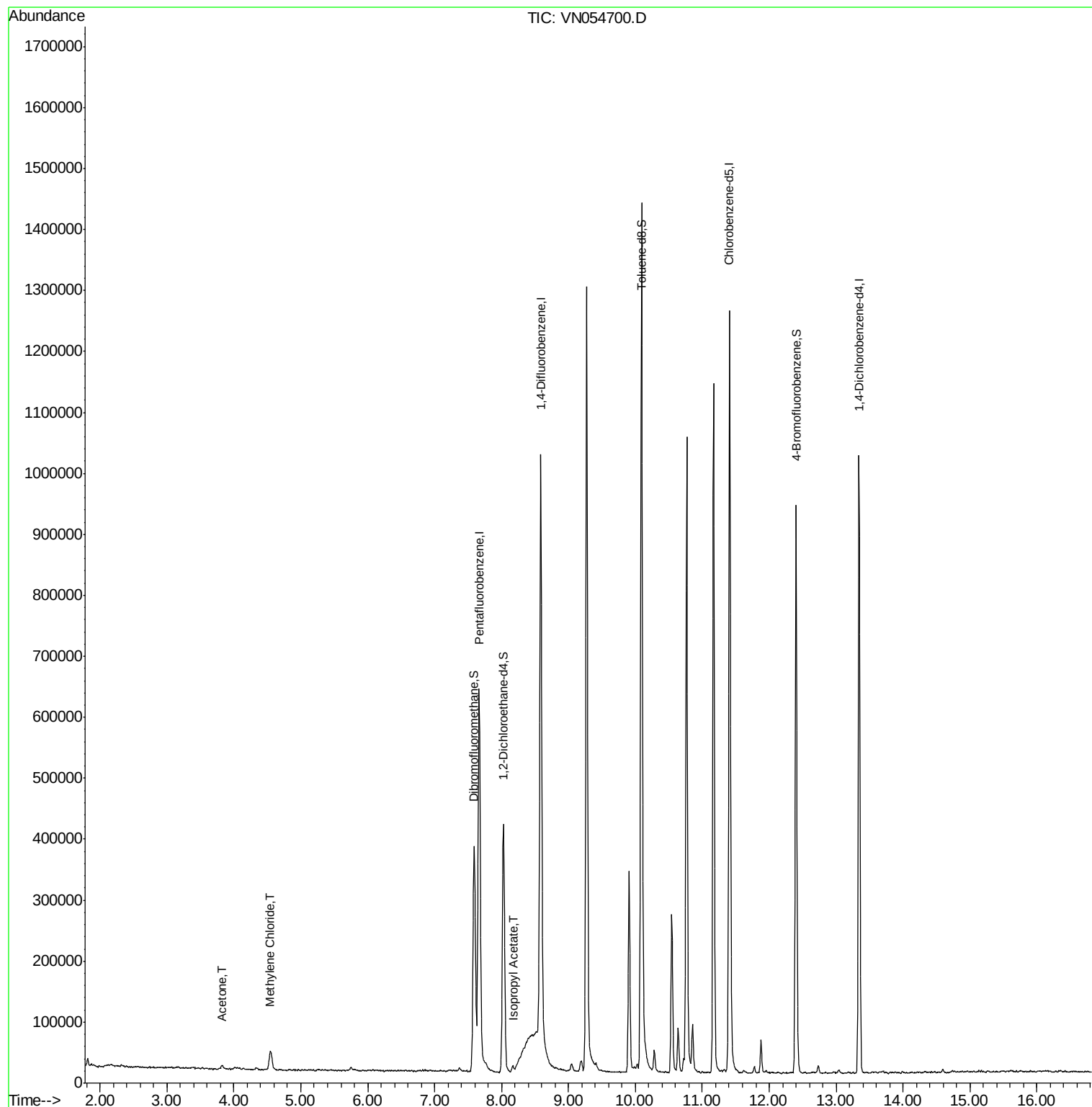
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	546925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	877757	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	751651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	269072	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	358366	52.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.36%	
35) Dibromofluoromethane	7.59	113	279512	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
50) Toluene-d8	10.09	98	1057524	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
62) 4-Bromofluorobenzene	12.40	95	316908	43.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.62%	
Target Compounds						
16) Acetone	3.82	43	10700	5.232	ug/l #	86
20) Methylene Chloride	4.54	84	20883	3.464	ug/l #	88
43) Isopropyl Acetate	8.17	43	15537	1.576	ug/l #	89

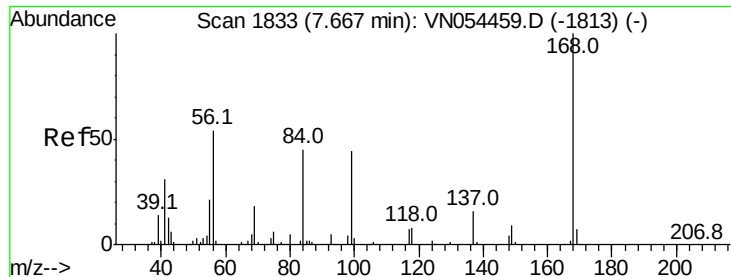
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054700.D

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Instrument :

MSVOA_N

ClientSampleId :

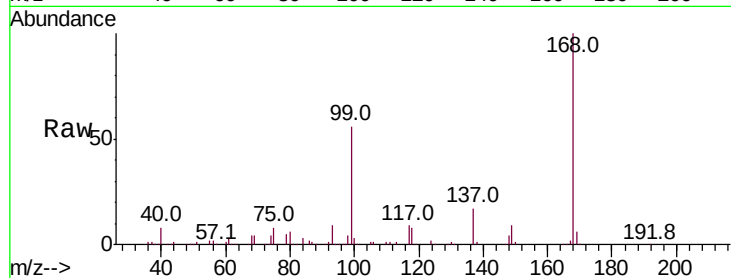
OR-01-032519-B

Tot Ion:168 Resp: 546925

Ion Ratio Lower Upper

168 100

99 55.8 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) (-)

7.66

250000

200000

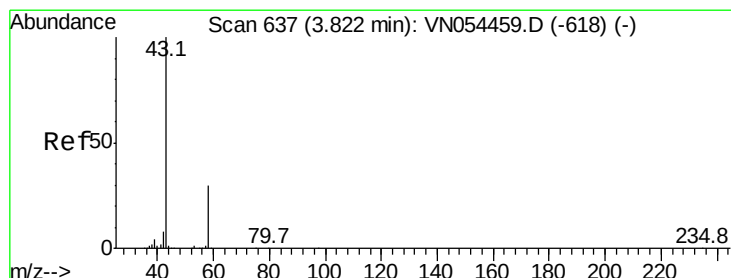
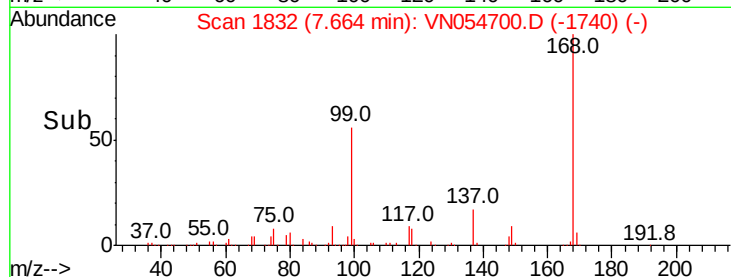
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.232 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN054700.D

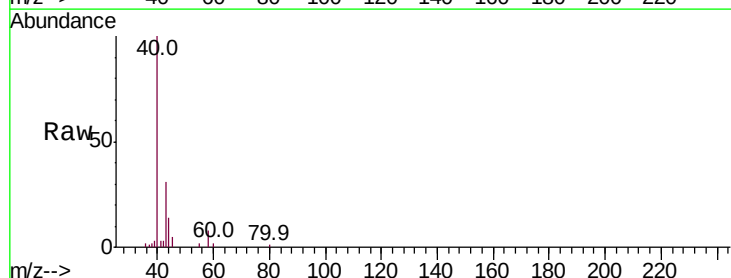
Acq: 26 Mar 2019 15:51

Tgt Ion: 43 Resp: 10700

Ion Ratio Lower Upper

43 100

58 28.9 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

5000

4000

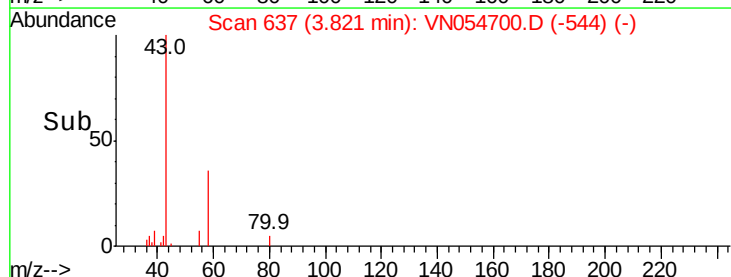
3000

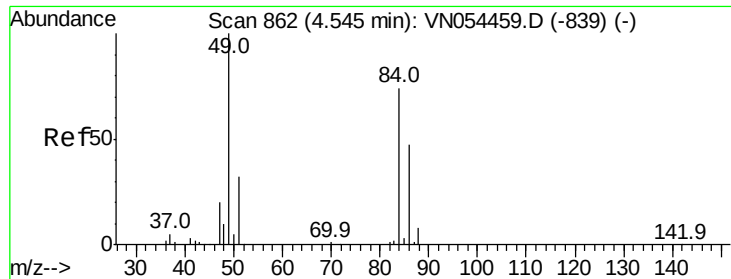
2000

1000

0

Time-->

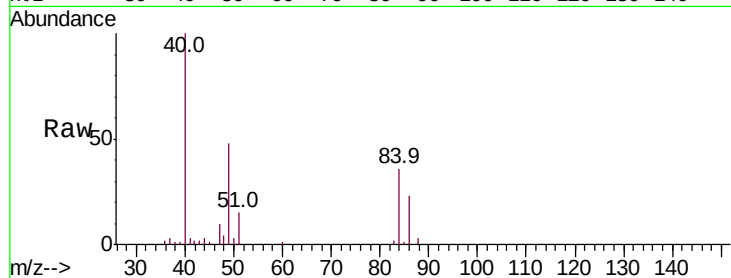




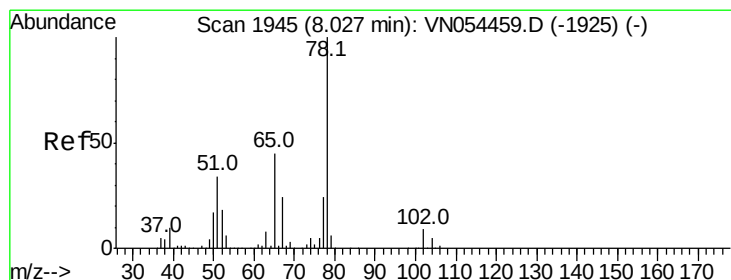
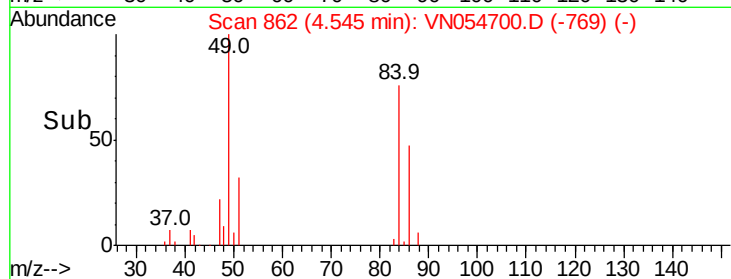
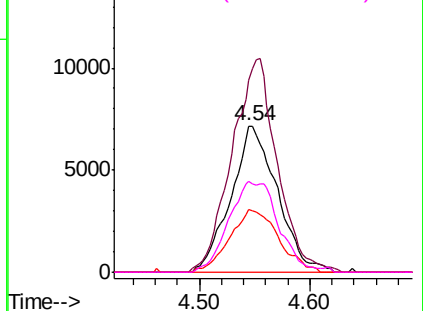
#20
Methylene Chloride
Concen: 3.464 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN054700.D
Acq: 26 Mar 2019 15:51

Instrument :
MSVOA_N
ClientSampleId :
OR-01-032519-B

Tot Ion: 84 Resp: 20883
Ion Ratio Lower Upper
84 100
49 131.1 89.7 134.5
51 42.5 28.2 42.4#
86 62.2 50.8 76.2

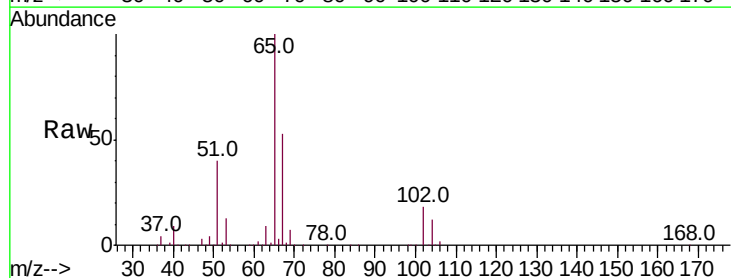


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

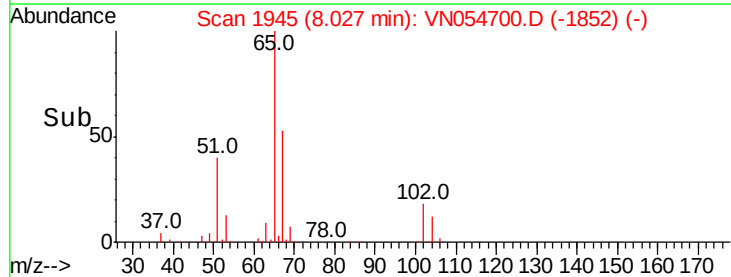
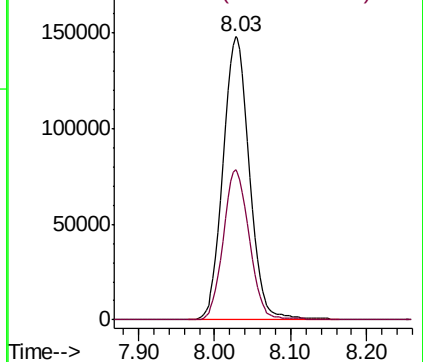


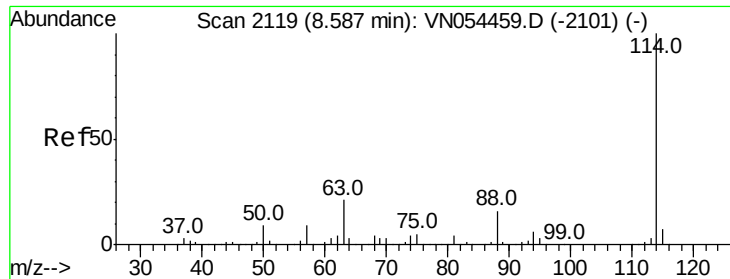
#33
1,2-Dichloroethane-d4
Concen: 52.679 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054700.D
Acq: 26 Mar 2019 15:51

Tgt Ion: 65 Resp: 358366
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.6



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

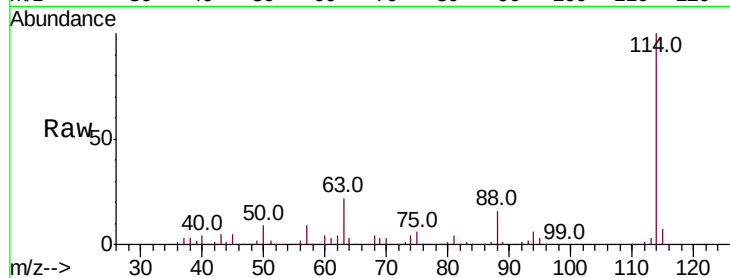




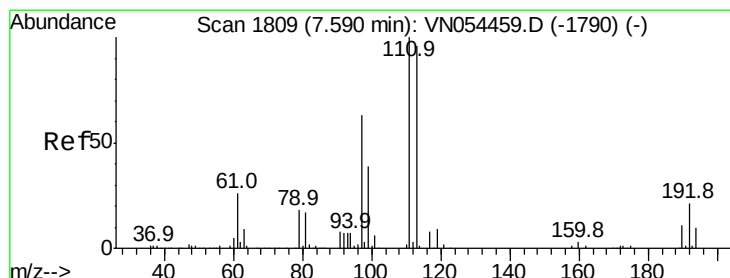
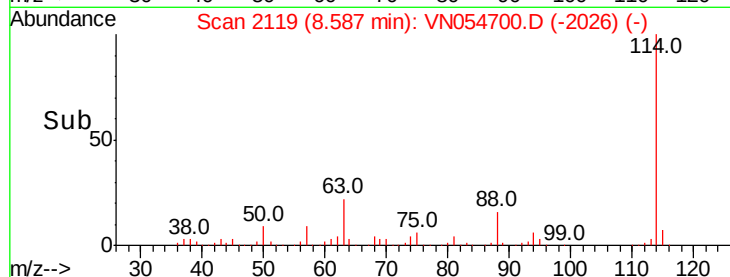
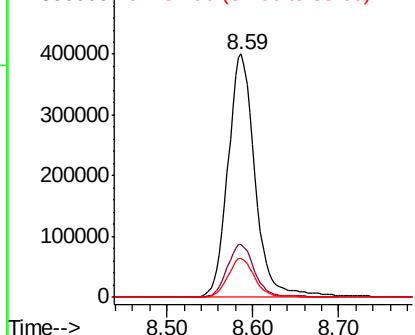
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054700.D
 Acq: 26 Mar 2019 15:51

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-01-032519-B

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	35.2
88	16.1	0.0	30.2

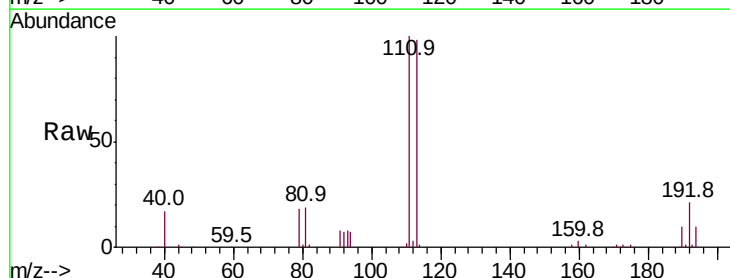


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

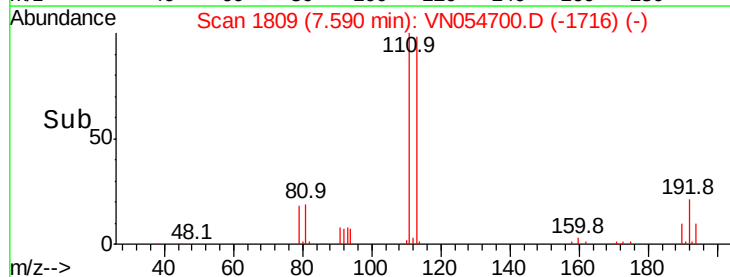
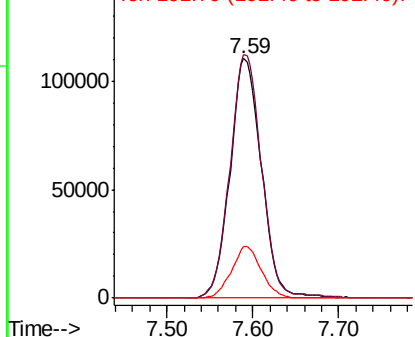


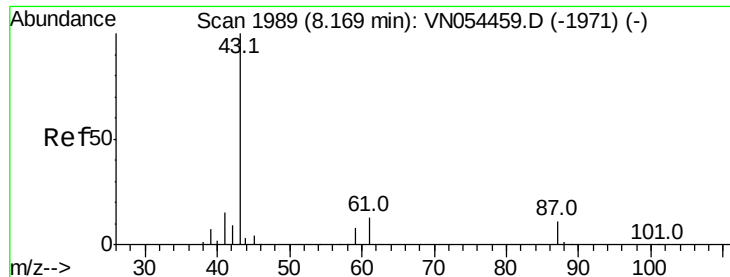
#35
 Dibromofluoromethane
 Concen: 49.428 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054700.D
 Acq: 26 Mar 2019 15:51

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.4
192	20.8	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: 1.576 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN054700.D

Acq: 26 Mar 2019 15:51

Instrument :

MSVOA_N

ClientSampleId :

OR-01-032519-B

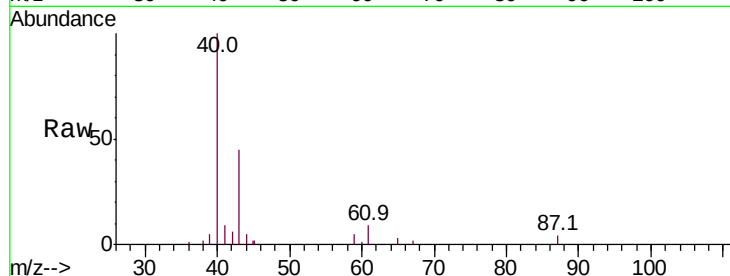
Tot Ion: 43 Resp: 15537

Ion Ratio Lower Upper

43 100

61 18.7 15.8 23.8

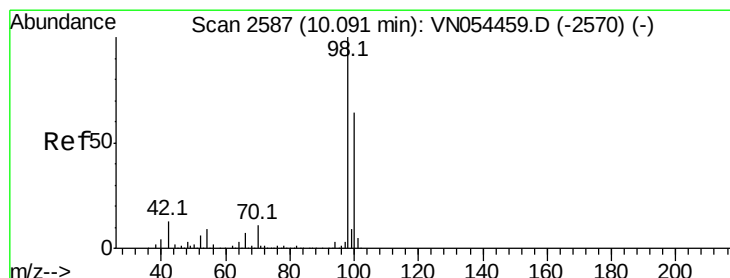
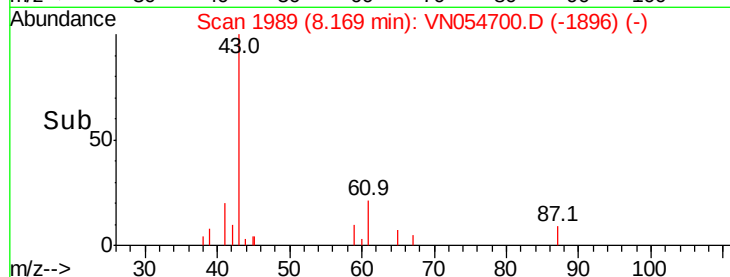
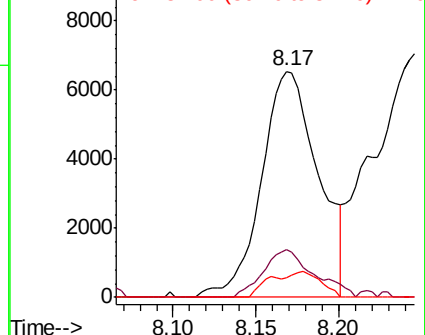
87 5.9 12.0 18.0#



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: 49.745 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054700.D

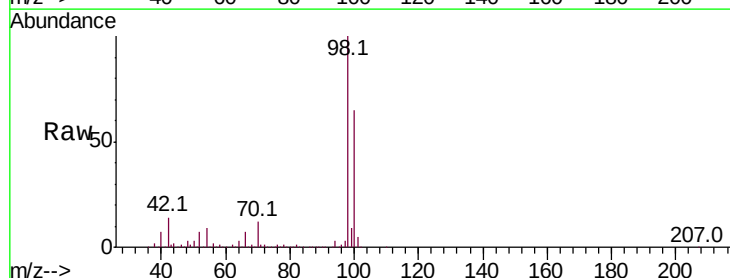
Acq: 26 Mar 2019 15:51

Tgt Ion: 98 Resp: 1057524

Ion Ratio Lower Upper

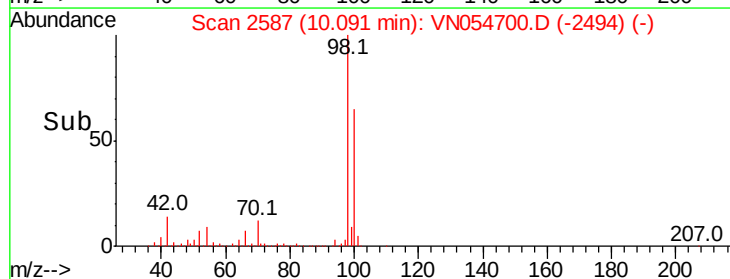
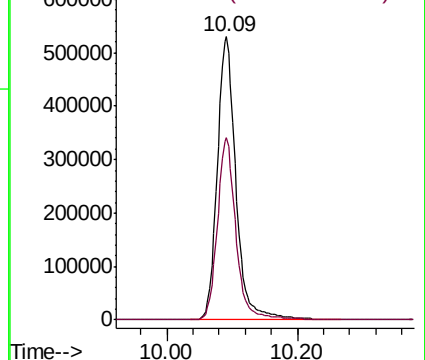
98 100

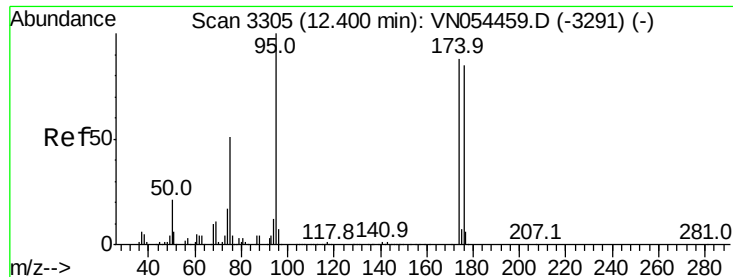
100 63.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 43.807 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054700.D

Acq: 26 Mar 2019 15:51

Instrument :

MSVOA_N

ClientSampleId :

OR-01-032519-B

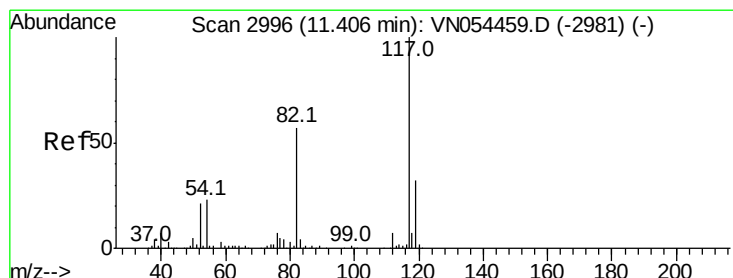
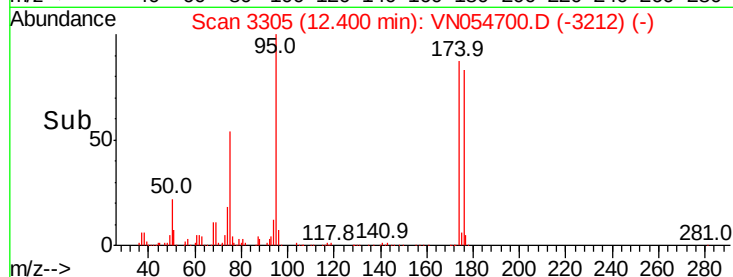
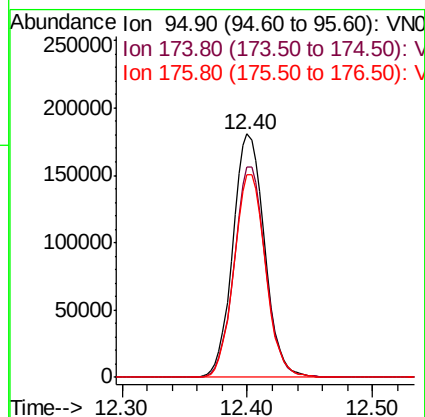
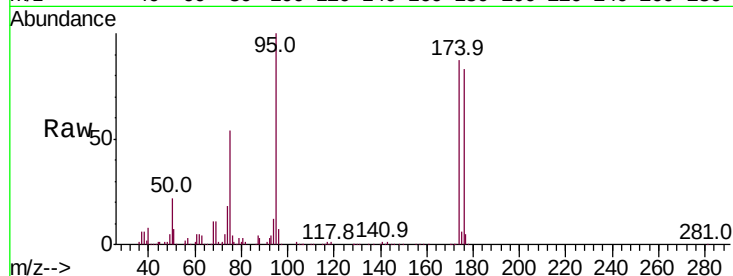
Tot Ion: 95 Resp: 316908

Ion Ratio Lower Upper

95 100

174 85.7 0.0 191.0

176 83.1 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: VN054700.D

Acq: 26 Mar 2019 15:51

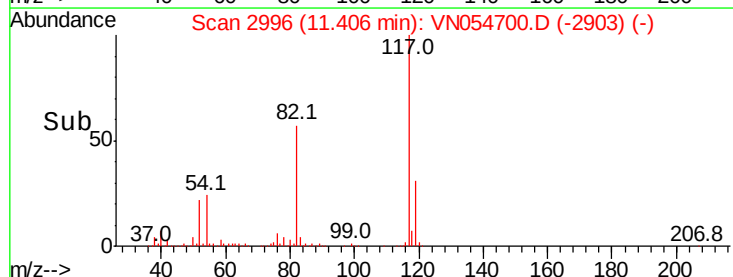
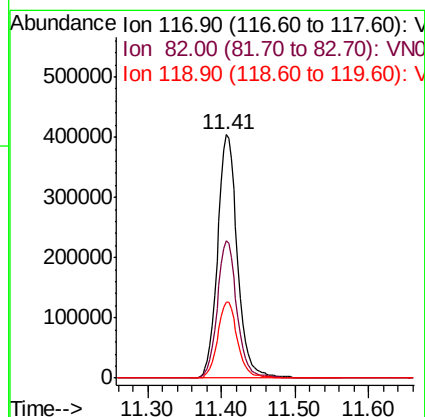
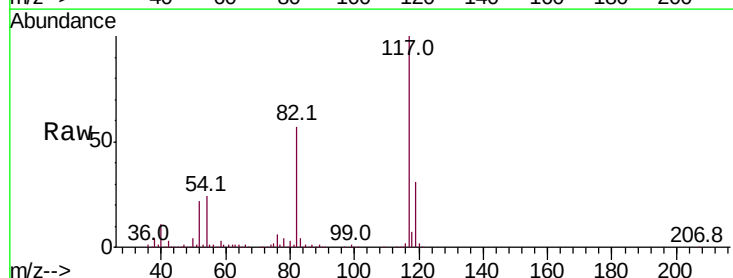
Tgt Ion: 117 Resp: 751651

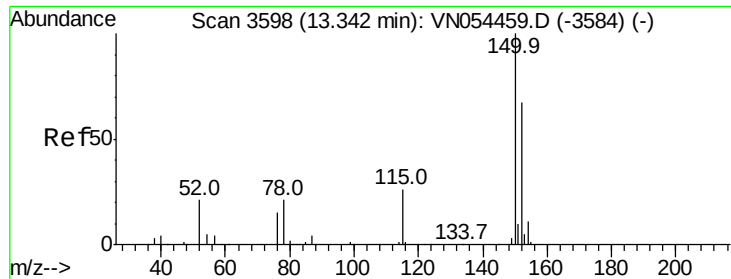
Ion Ratio Lower Upper

117 100

82 56.5 40.0 60.0

119 31.4 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: VN054700.D

Acq: 26 Mar 2019 15:51

Instrument :

MSVOA_N

ClientSampleId :

OR-01-032519-B

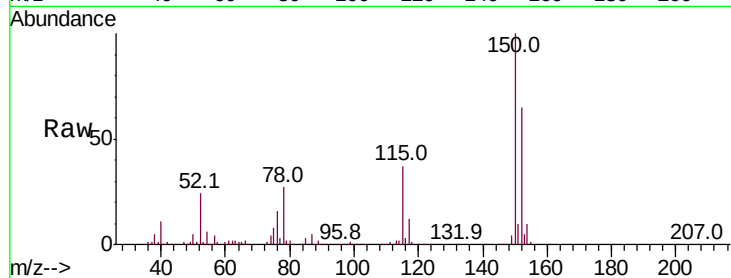
Tot Ion:152 Resp: 269072

Ion Ratio Lower Upper

152 100

115 57.6 27.2 81.6

150 155.9 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

