

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056728.D
 Acq On : 15 Jul 2019 22:15
 Operator : JC/SP
 Sample : K3813-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-04-190712

Quant Time: Jul 16 05:27:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 01:25:25 2019
 Response via : Initial Calibration

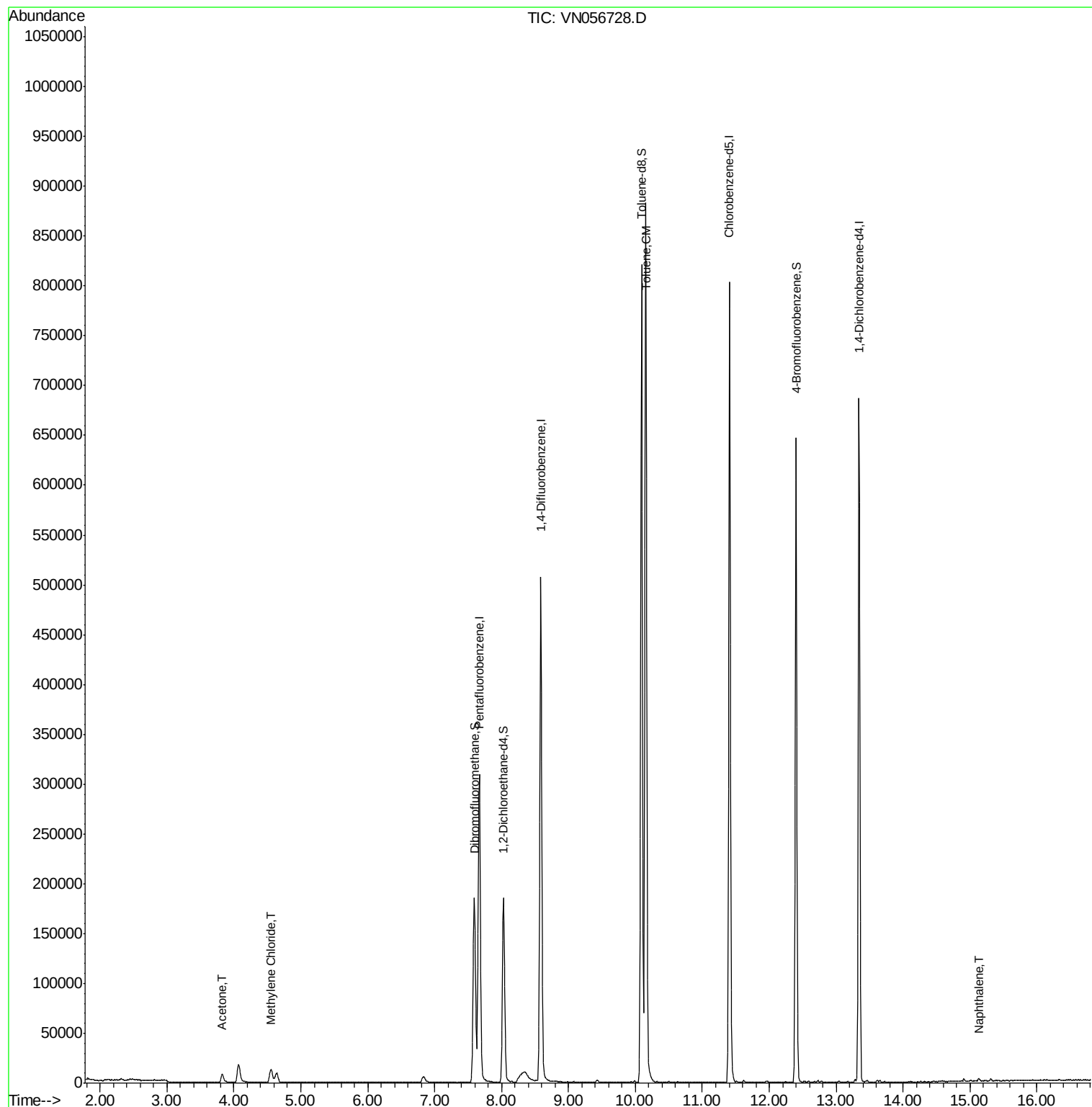
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	277750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	486592	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	504277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	201659	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	159549	51.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.86%	
35) Dibromofluoromethane	7.59	113	144464	47.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.42%	
50) Toluene-d8	10.09	98	609785	52.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.28%	
62) 4-Bromofluorobenzene	12.40	95	226150	57.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.68%	
Target Compounds						
16) Acetone	3.82	43	16306	11.517	ug/l	99
20) Methylene Chloride	4.55	84	10775	3.483	ug/l	91
52) Toluene	10.16	92	406190	49.574	ug/l	99
95) Naphthalene	15.13	128	2974	4.776	ug/l #	87

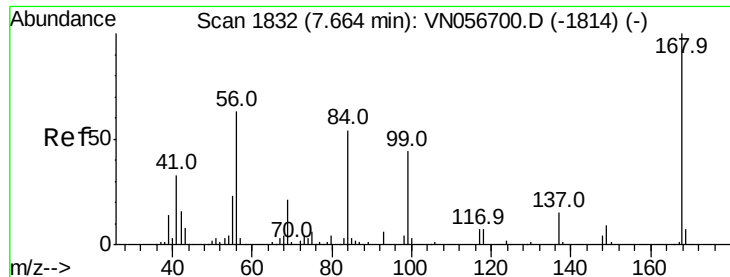
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 16 01:25:25 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056728.D

Acq: 15 Jul 2019 22:15

Instrument :

MSVOA_N

ClientSampled :

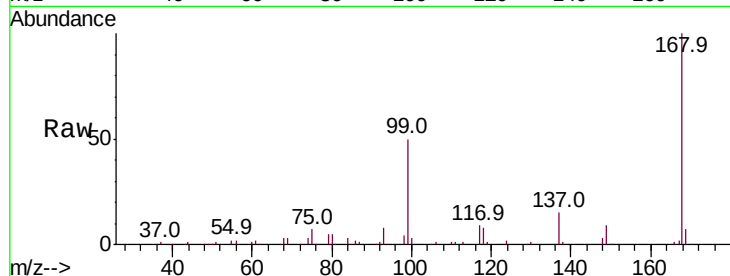
EB-04-190712

Tot Ion:168 Resp: 277750

Ion Ratio Lower Upper

168 100

99 50.1 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN056728.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN056728.D (-1739) (-)

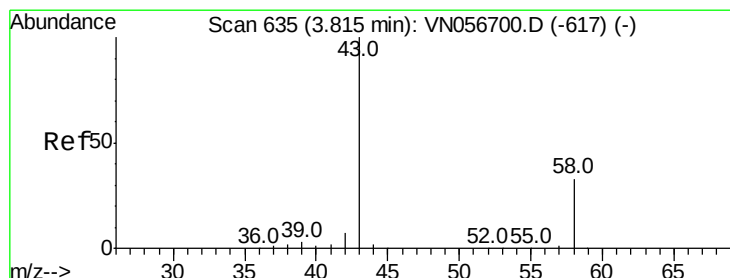
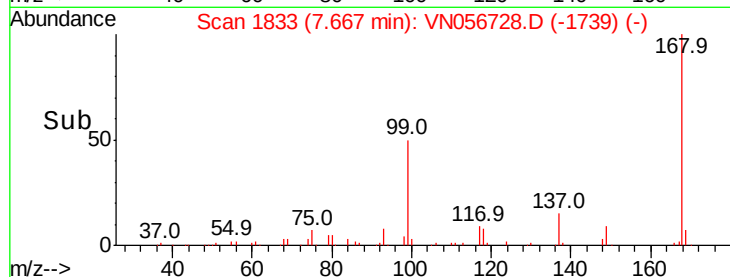
7.67

100000

50000

0

Time-->



#16

Acetone

Concen: 11.517 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056728.D

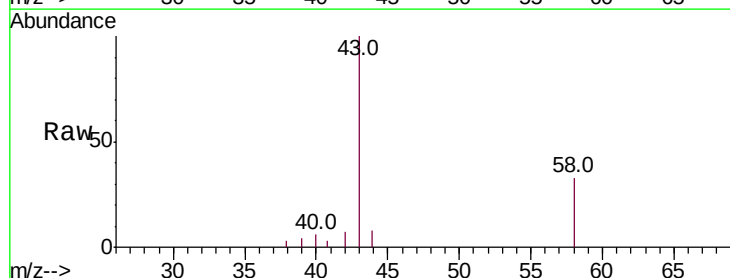
Acq: 15 Jul 2019 22:15

Tgt Ion: 43 Resp: 16306

Ion Ratio Lower Upper

43 100

58 32.6 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN056728.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN056728.D (-542) (-)

3.82

6000

5000

4000

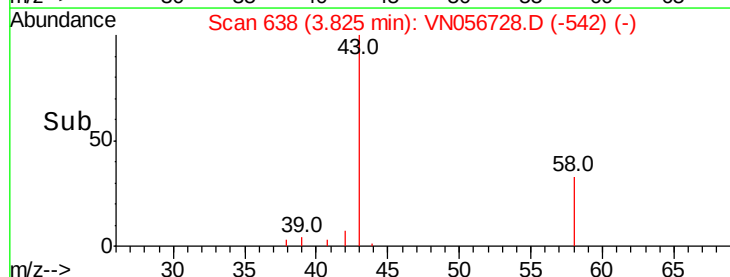
3000

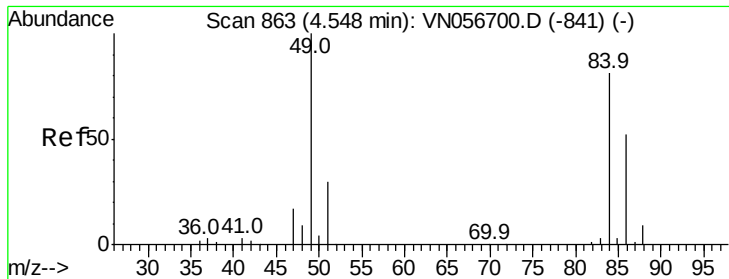
2000

1000

0

Time-->

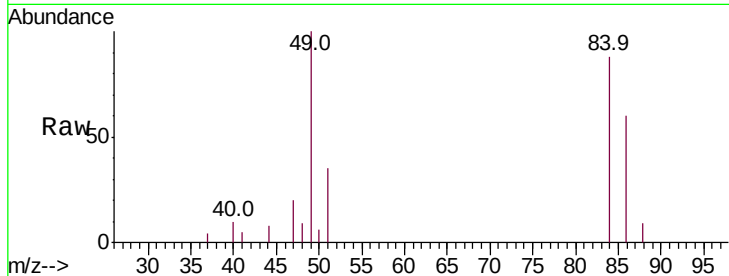




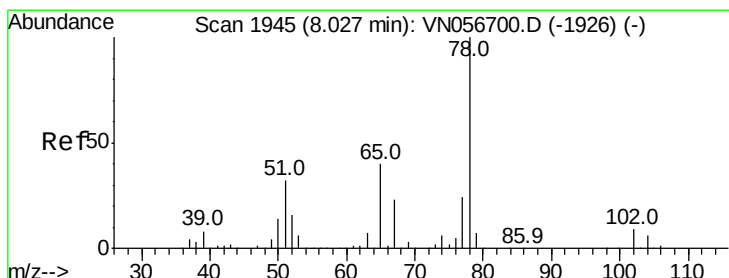
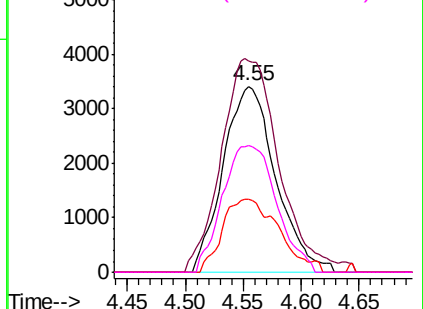
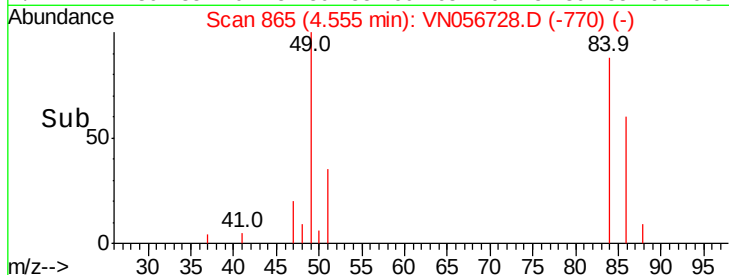
#20
Methylene Chloride
Concen: 3.483 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.01 min
Lab File: VN056728.D
Acq: 15 Jul 2019 22:15

Instrument :
MSVOA_N
ClientSampleId :
EB-04-190712

Tot Ion: 84 Resp: 10775
Ion Ratio Lower Upper
84 100
49 108.3 98.2 147.4
51 39.2 29.6 44.4
86 67.9 51.0 76.4

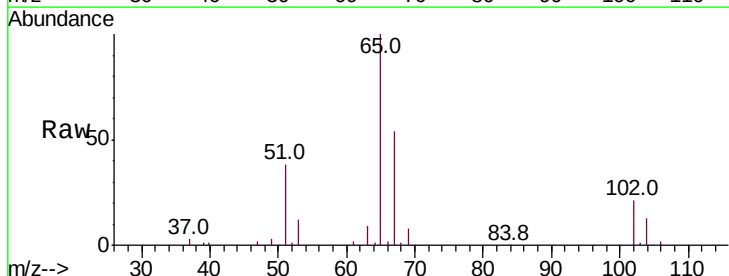


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

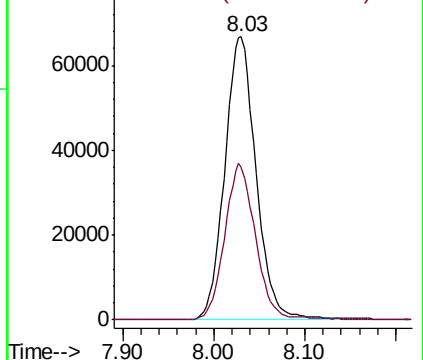
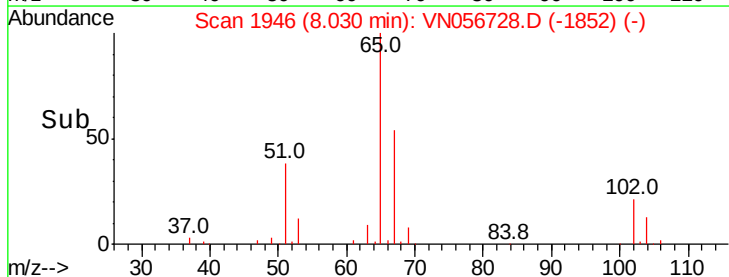


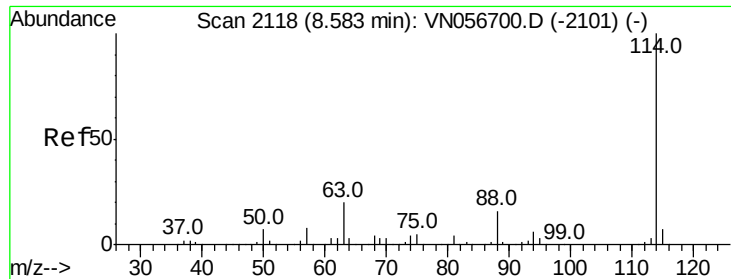
#33
1,2-Dichloroethane-d4
Concen: 51.931 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN056728.D
Acq: 15 Jul 2019 22:15

Tgt Ion: 65 Resp: 159549
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.0



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

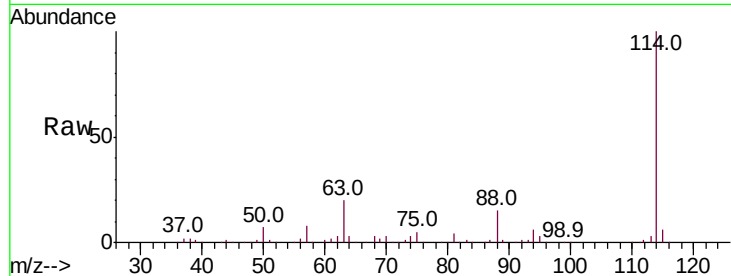




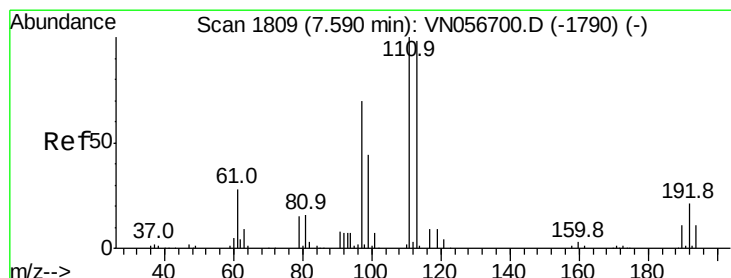
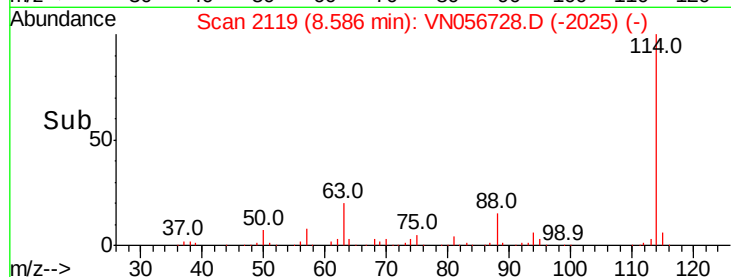
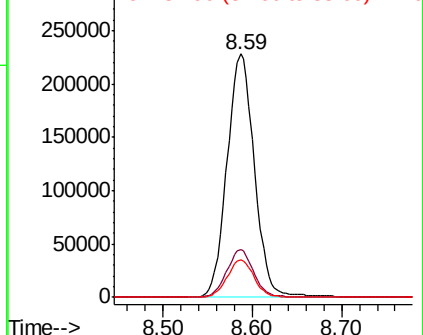
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056728.D
 Acq: 15 Jul 2019 22:15

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-04-190712

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.4
88	15.5	0.0	31.2

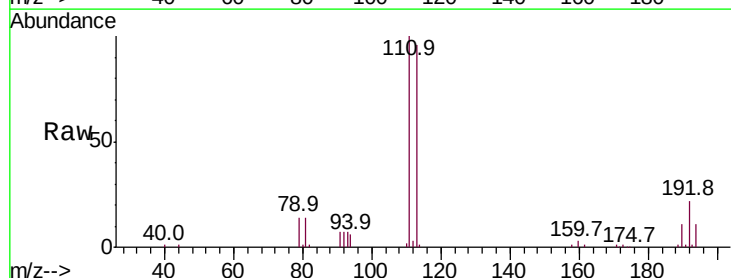


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

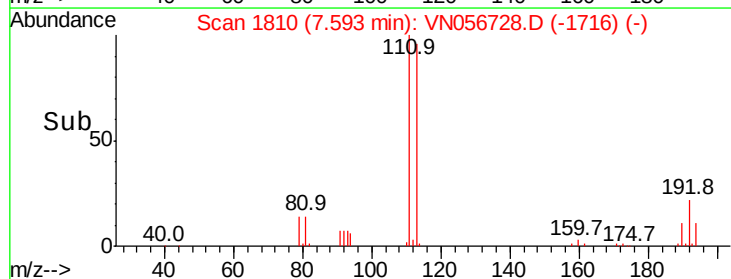
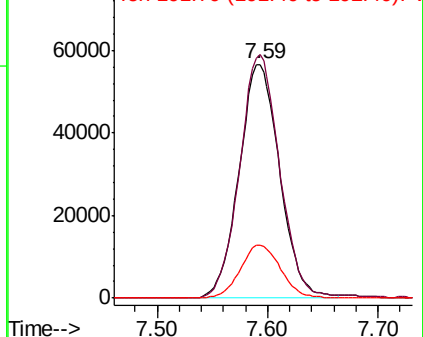


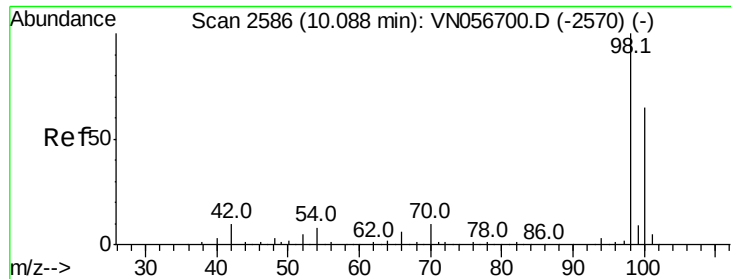
#35
 Dibromofluoromethane
 Concen: 47.707 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056728.D
 Acq: 15 Jul 2019 22:15

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.8	122.6
192	22.6	17.5	26.3



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





#50

Toluene-d8

Concen: 52.139 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056728.D

Acq: 15 Jul 2019 22:15

Instrument :

MSVOA_N

ClientSampleId :

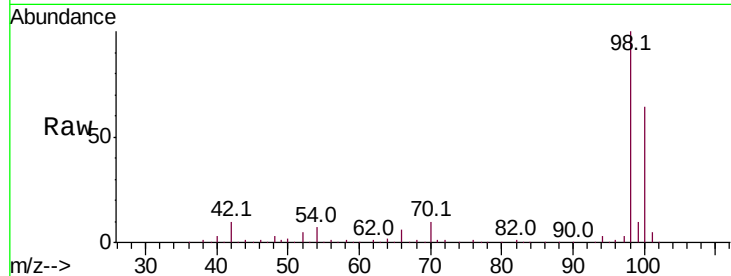
EB-04-190712

Tot Ion: 98 Resp: 609785

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN056728.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN056728.D (-2570) (-)

10.09

300000

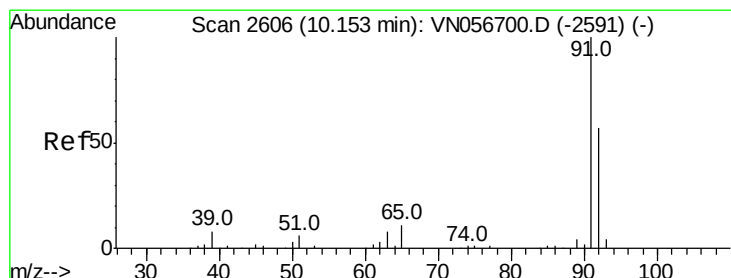
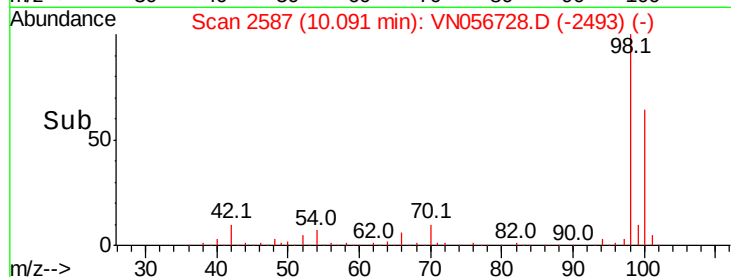
200000

100000

0

Time-->

10.00 10.10 10.20 10.30



#52

Toluene

Concen: 49.574 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056728.D

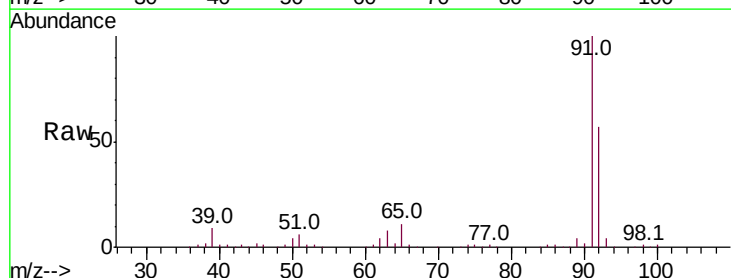
Acq: 15 Jul 2019 22:15

Tgt Ion: 92 Resp: 406190

Ion Ratio Lower Upper

92 100

91 173.3 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN056728.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN056728.D (-2591) (-)

10.16

400000

300000

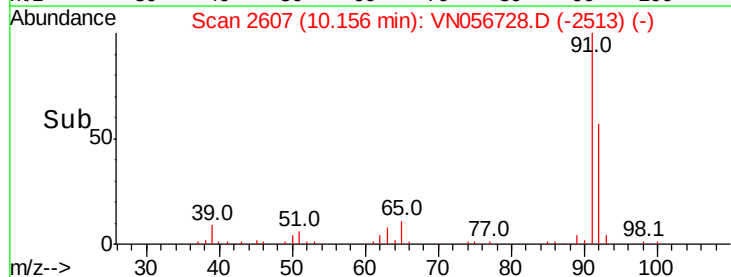
200000

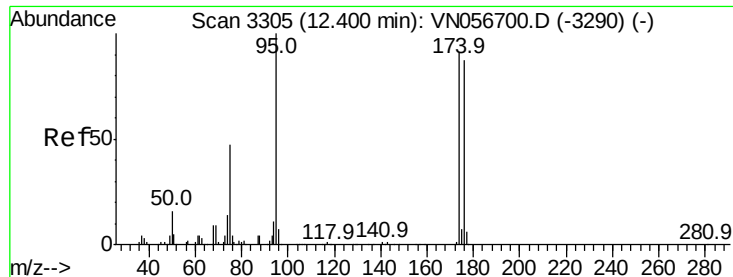
100000

0

Time-->

10.10 10.20 10.30





#62

4-Bromofluorobenzene

Concen: 57.339 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056728.D

Acq: 15 Jul 2019 22:15

Instrument :

MSVOA_N

ClientSampleId :

EB-04-190712

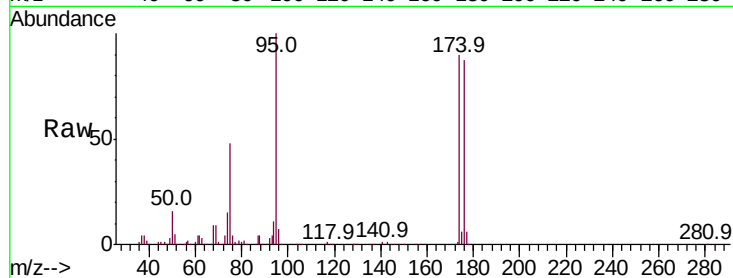
Tot Ion: 95 Resp: 226150

Ion Ratio Lower Upper

95 100

174 91.7 0.0 180.0

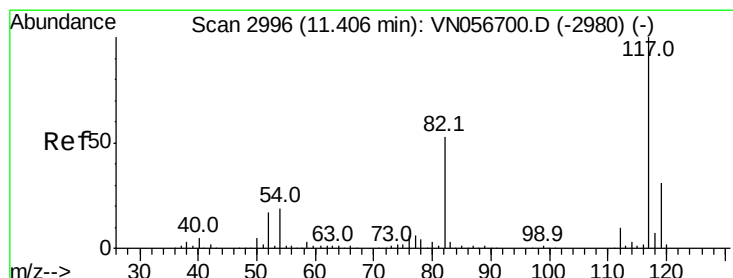
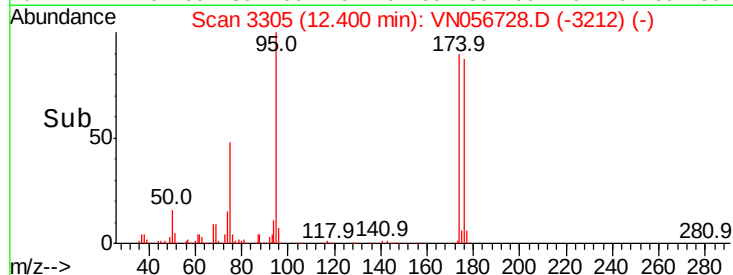
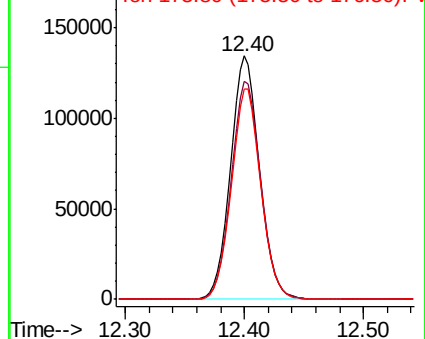
176 87.7 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): VN056728.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN056728.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN056728.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056728.D

Acq: 15 Jul 2019 22:15

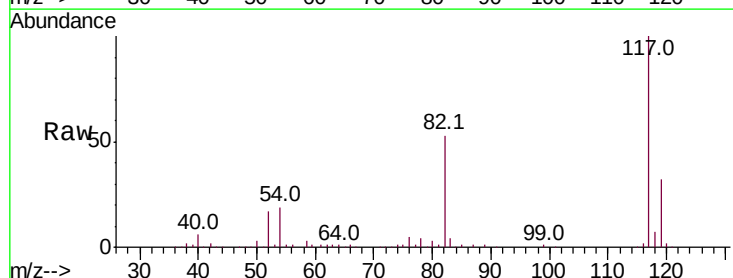
Tgt Ion: 117 Resp: 504277

Ion Ratio Lower Upper

117 100

82 52.9 42.2 63.2

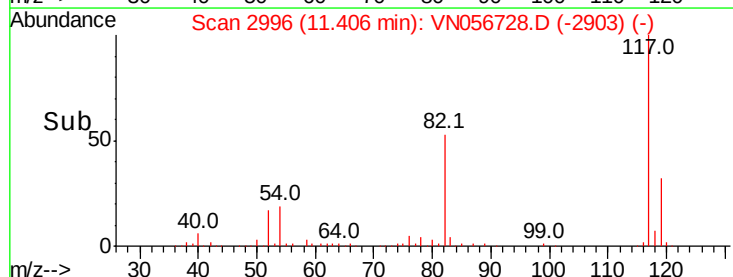
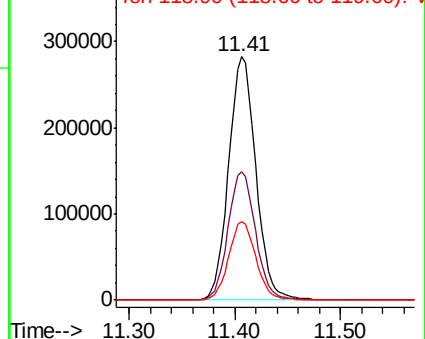
119 32.2 25.2 37.8

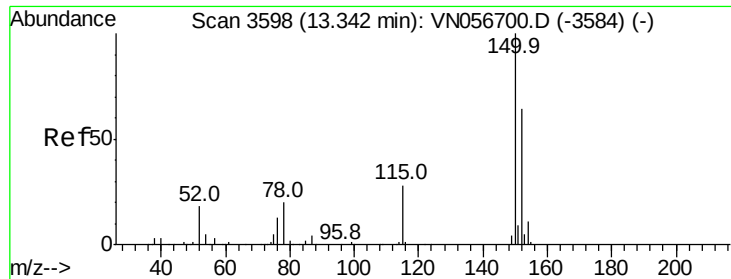


Abundance Ion 116.90 (116.60 to 117.60): VN056728.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN056728.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN056728.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056728.D

Acq: 15 Jul 2019 22:15

Instrument :

MSVOA_N

ClientSampleId :

EB-04-190712

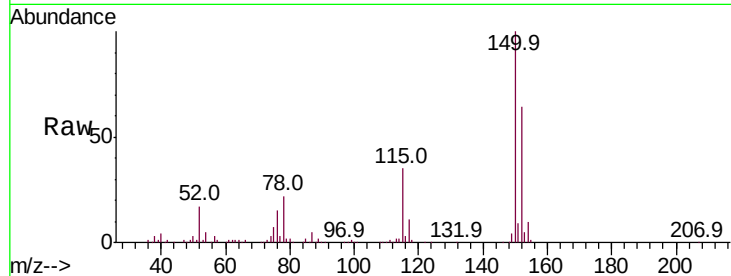
Tot Ion:152 Resp: 201659

Ion Ratio Lower Upper

152 100

115 55.4 28.2 84.7

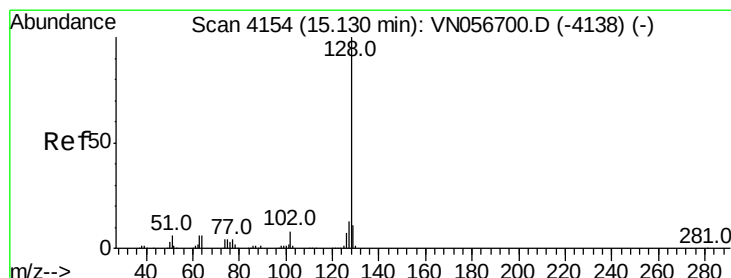
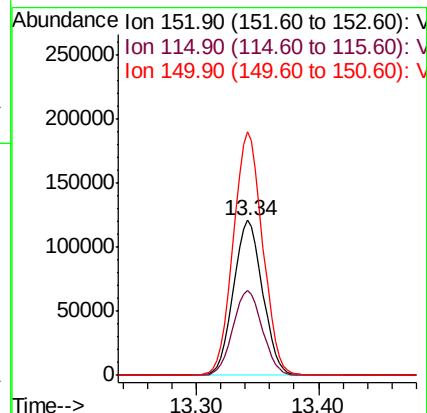
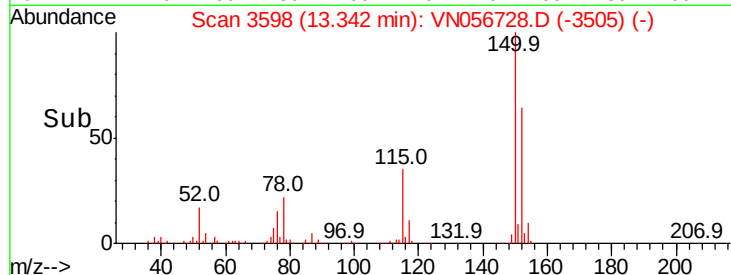
150 158.4 0.0 345.8



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



#95

Naphthalene

Concen: 4.776 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056728.D

Acq: 15 Jul 2019 22:15

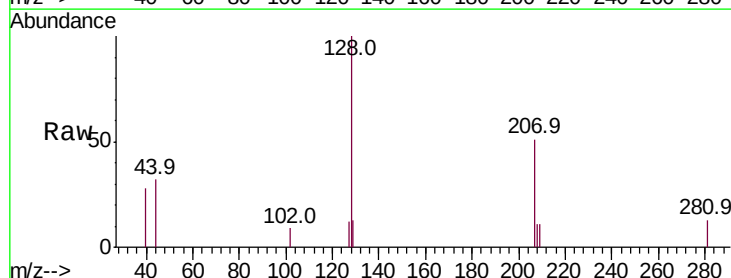
Tgt Ion:128 Resp: 2974

Ion Ratio Lower Upper

128 100

127 6.2 10.3 15.5#

129 7.5 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

