

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071919\
 Data File : VN056842.D
 Acq On : 19 Jul 2019 19:10
 Operator : JC/SP
 Sample : K3868-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Jul 20 00:29:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 07:03:34 2019
 Response via : Initial Calibration

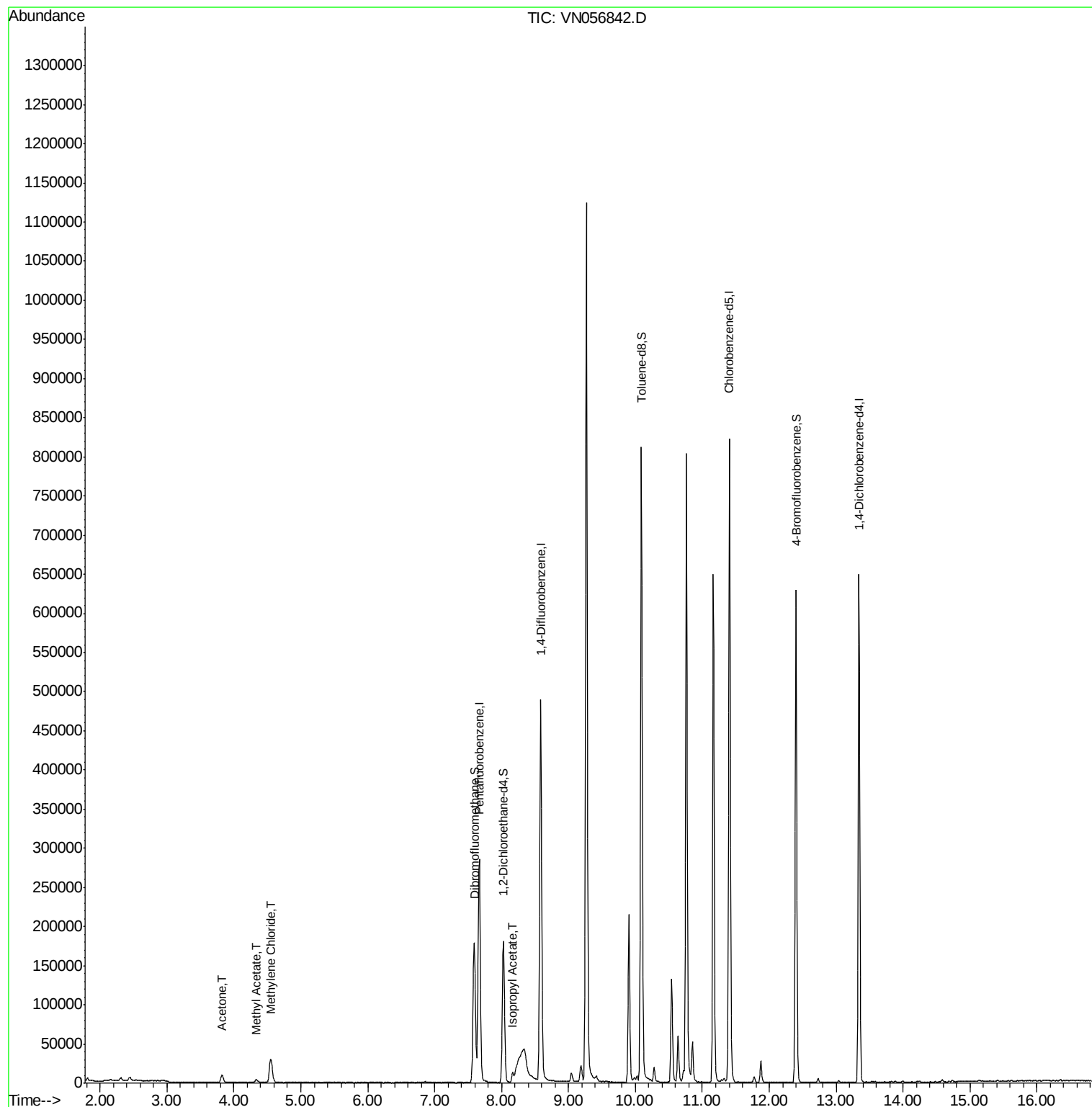
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	257024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	467752	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	521778	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	186010	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	152609	53.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.36%	
35) Dibromofluoromethane	7.59	113	140241	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
50) Toluene-d8	10.09	98	604263	53.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.50%	
62) 4-Bromofluorobenzene	12.40	95	222154	58.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.18%	
Target Compounds						
16) Acetone	3.82	43	17985	13.728	ug/l	100
18) Methyl Acetate	4.33	43	8114	1.819	ug/l #	71
20) Methylene Chloride	4.55	84	24533	8.569	ug/l	98
43) Isopropyl Acetate	8.17	43	15792	2.355	ug/l	93

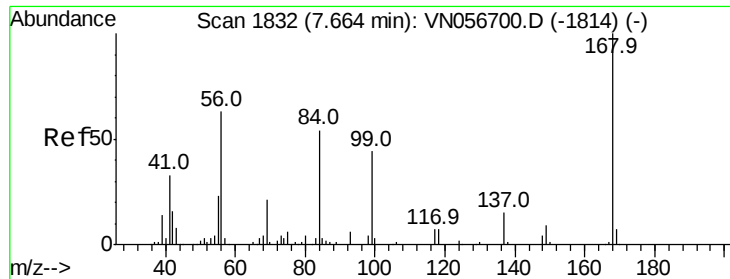
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056842.D

Acq: 19 Jul 2019 19:10

Instrument :

MSVOA_N

ClientSampleId :

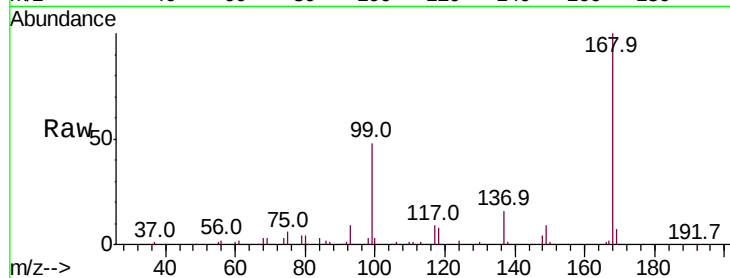
TP-1

Tot Ion:168 Resp: 257024

Ion Ratio Lower Upper

168 100

99 47.8 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

120000

100000

80000

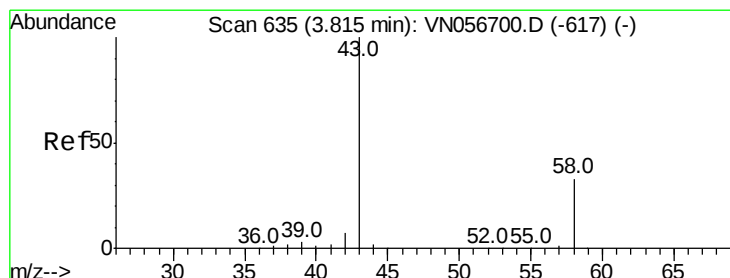
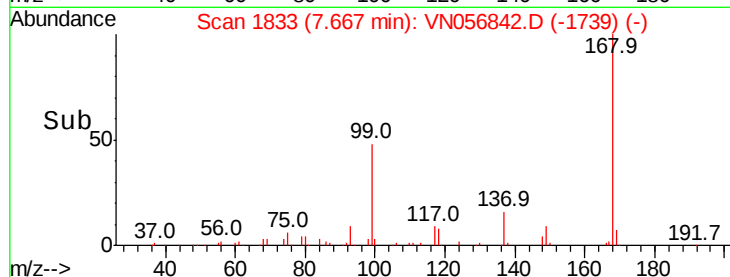
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 13.728 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056842.D

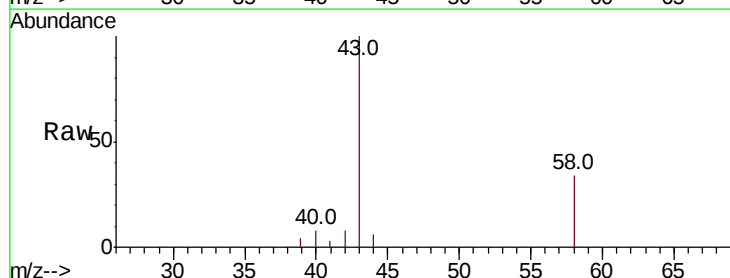
Acq: 19 Jul 2019 19:10

Tgt Ion: 43 Resp: 17985

Ion Ratio Lower Upper

43 100

58 33.6 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VN

3.82

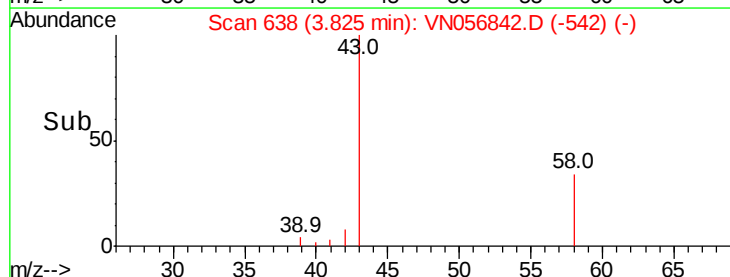
6000

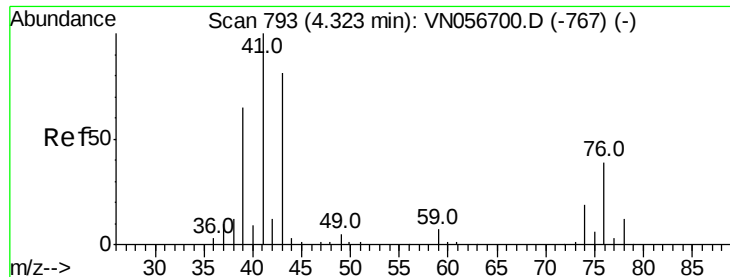
4000

2000

0

Time-->

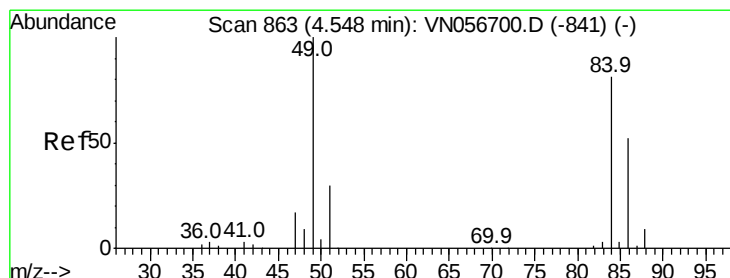
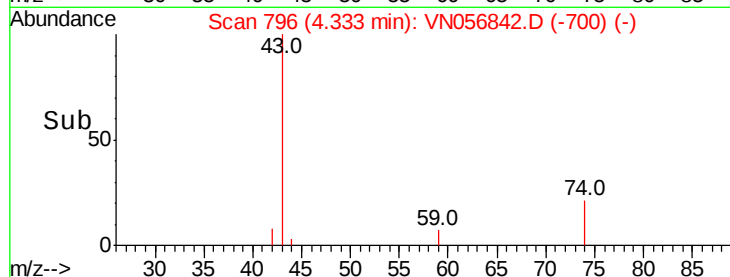
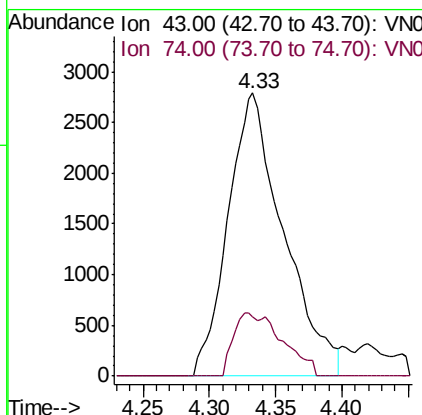
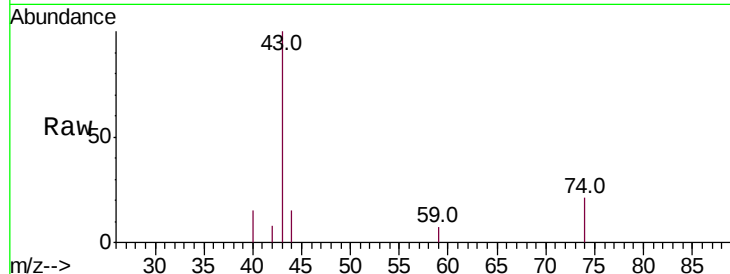




#18
Methyl Acetate
Concen: 1.819 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN056842.D
Acq: 19 Jul 2019 19:10

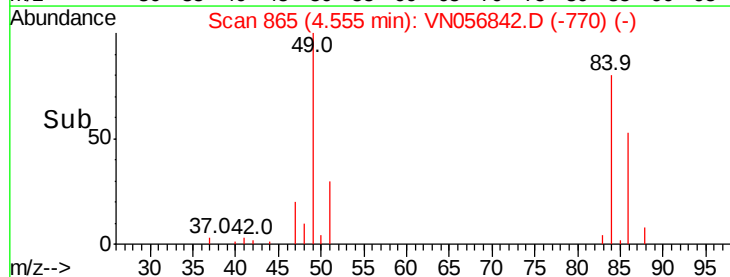
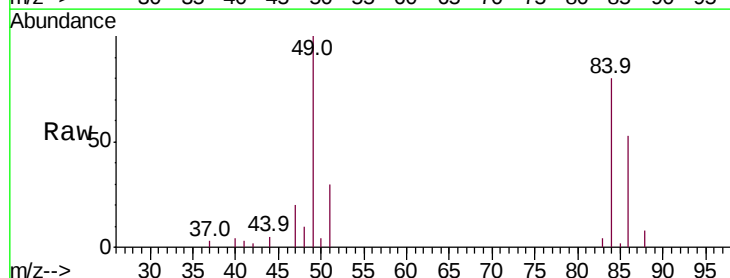
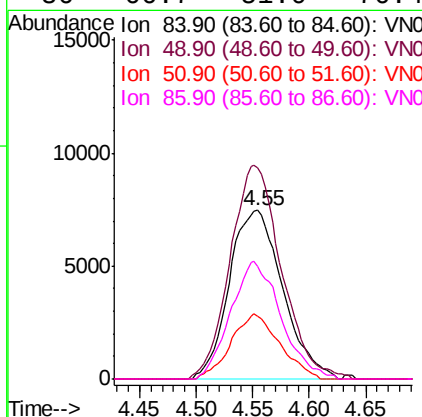
Instrument :
MSVOA_N
ClientSampled :
TP-1

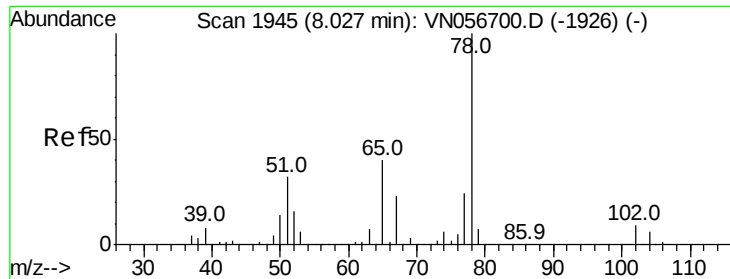
Tot Ion: 43 Resp: 8114
Ion Ratio Lower Upper
43 100
74 9.4 18.9 28.3#



#20
Methylene Chloride
Concen: 8.569 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.01 min
Lab File: VN056842.D
Acq: 19 Jul 2019 19:10

Tgt Ion: 84 Resp: 24533
Ion Ratio Lower Upper
84 100
49 125.2 98.2 147.4
51 37.4 29.6 44.4
86 66.7 51.0 76.4

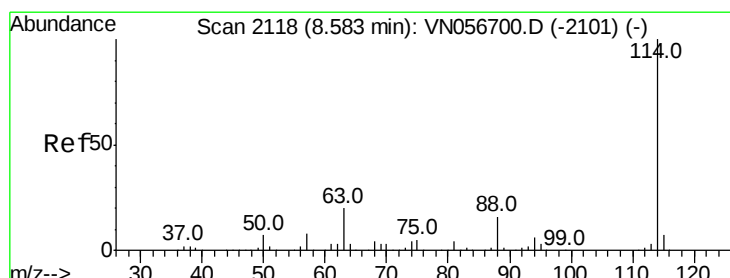
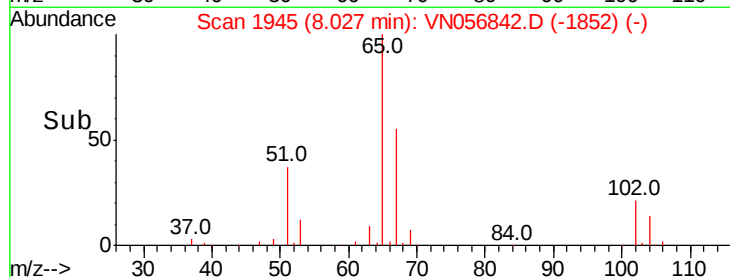
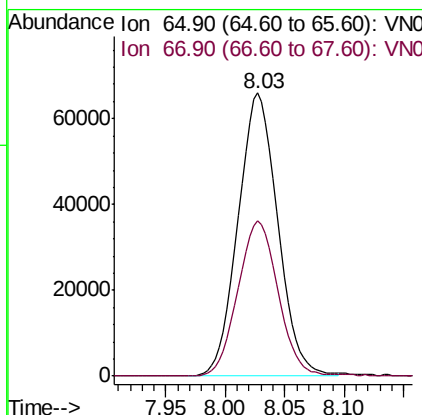
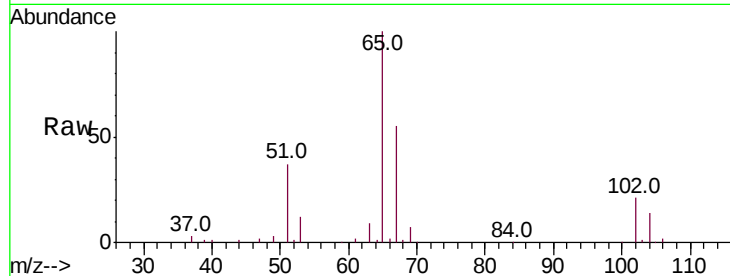




#33
 1,2-Dichloroethane-d4
 Concen: 53.678 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056842.D
 Acq: 19 Jul 2019 19:10

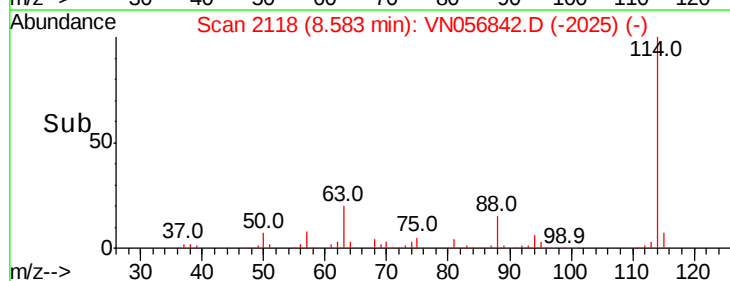
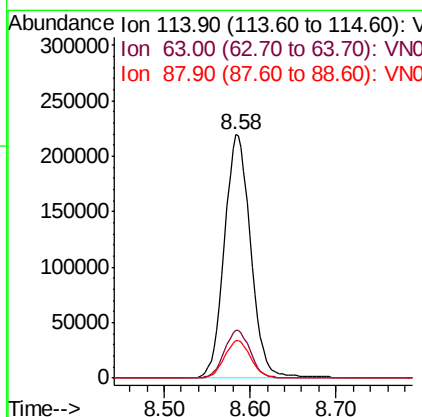
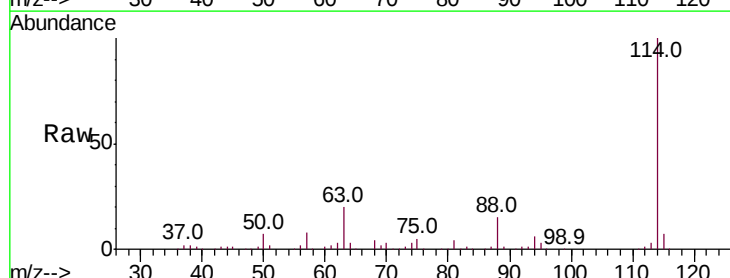
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

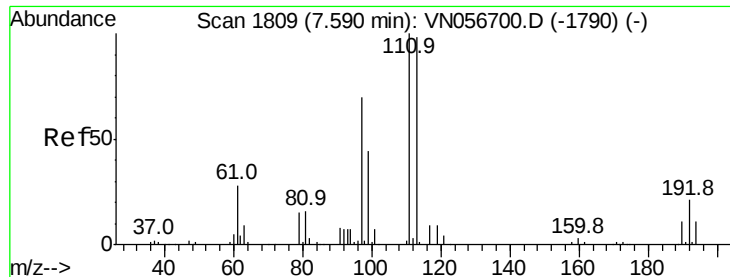
Tot Ion: 65 Resp: 152609
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056842.D
 Acq: 19 Jul 2019 19:10

Tgt Ion: 114 Resp: 467752
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.4
 88 15.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 48.178 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN056842.D

Acq: 19 Jul 2019 19:10

Instrument :
MSVOA_N
ClientSampleId :
TP-1

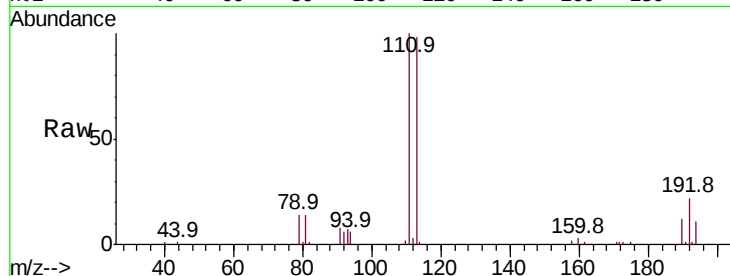
Tot Ion:113 Resp: 140241

Ion Ratio Lower Upper

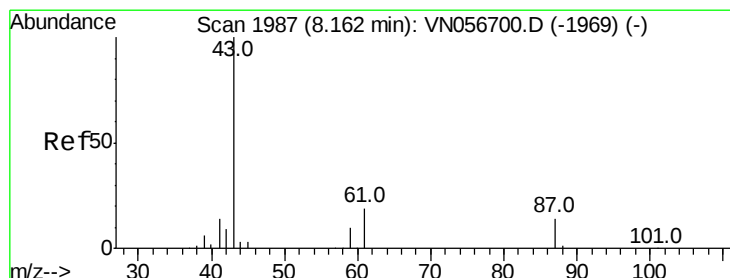
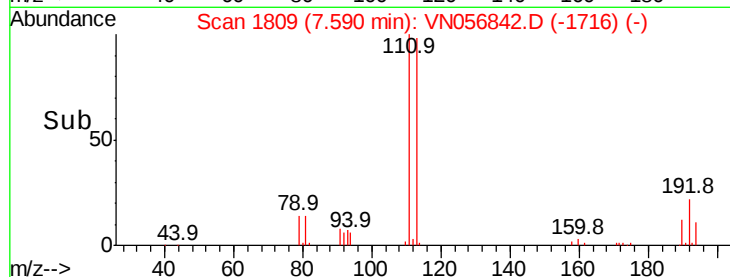
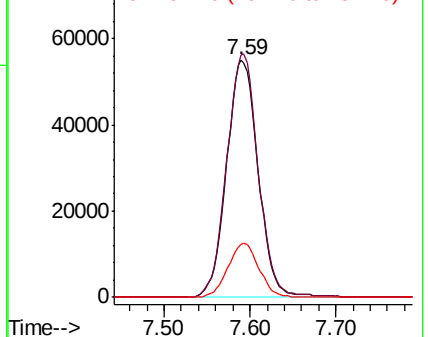
113 100

111 102.3 81.8 122.6

192 22.4 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



#43

Isopropyl Acetate

Concen: 2.355 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056842.D

Acq: 19 Jul 2019 19:10

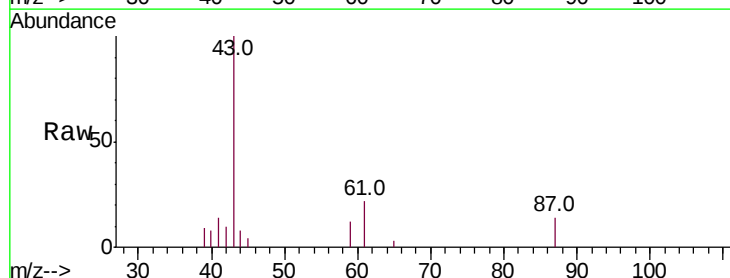
Tgt Ion: 43 Resp: 15792

Ion Ratio Lower Upper

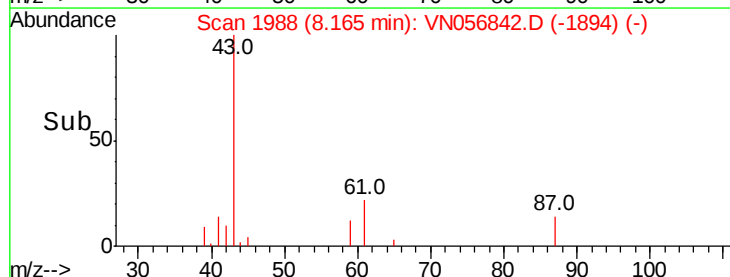
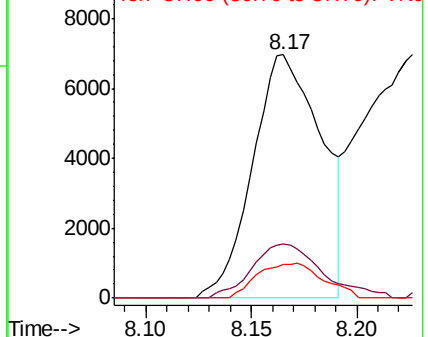
43 100

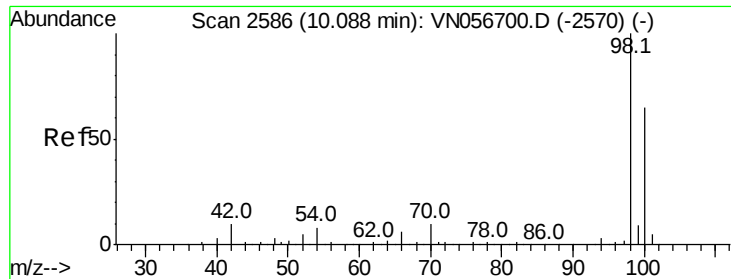
61 22.7 22.3 33.5

87 13.6 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 61.00 (60.70 to 61.70): V
Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 53.747 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056842.D

Acq: 19 Jul 2019 19:10

Instrument :

MSVOA_N

ClientSampleId :

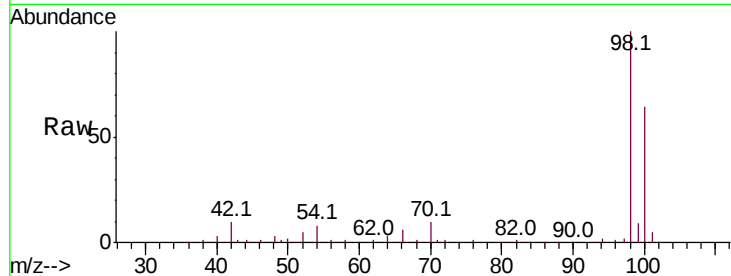
TP-1

Tot Ion: 98 Resp: 604263

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN056700.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN056700.D (-2570) (-)

10.09

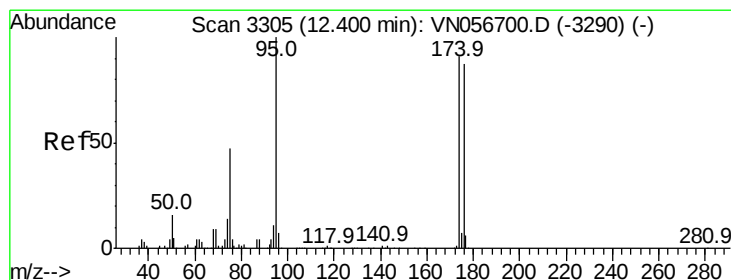
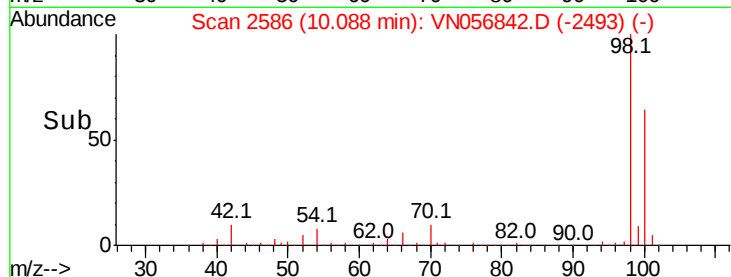
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 58.594 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056842.D

Acq: 19 Jul 2019 19:10

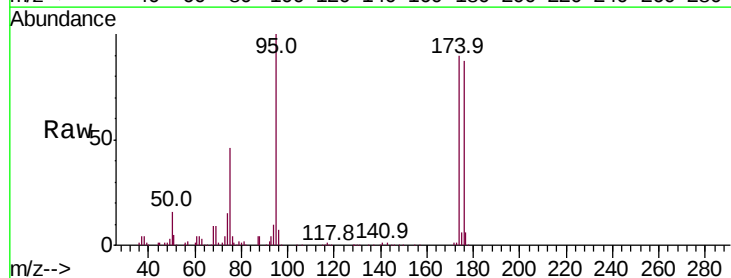
Tgt Ion: 95 Resp: 222154

Ion Ratio Lower Upper

95 100

174 92.4 0.0 180.0

176 88.7 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): VN056700.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN056700.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN056700.D (-3290) (-)

12.40

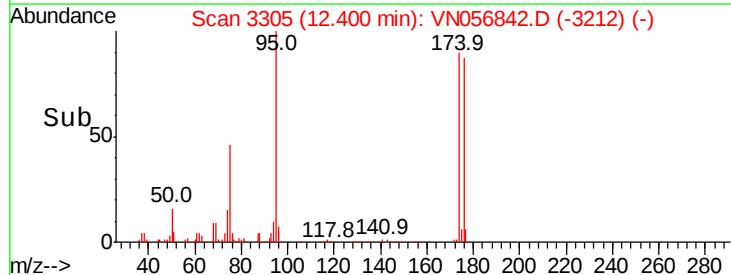
150000

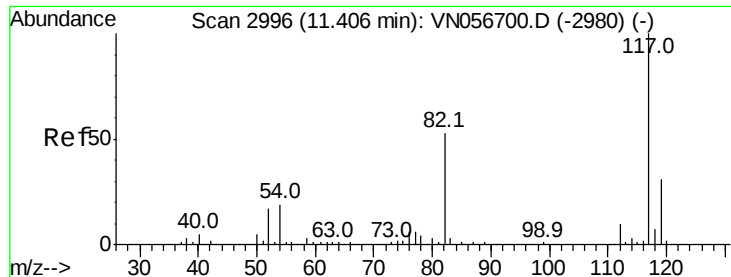
100000

50000

0

Time-->

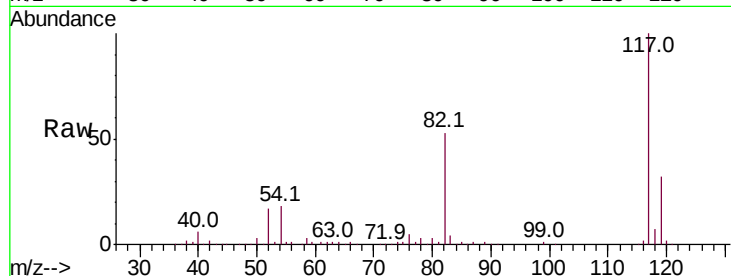




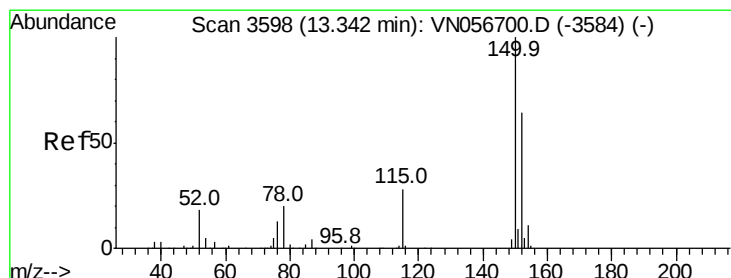
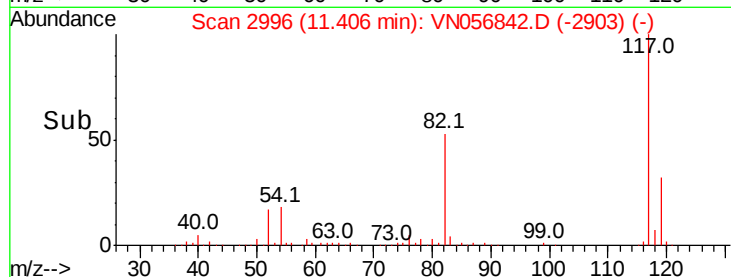
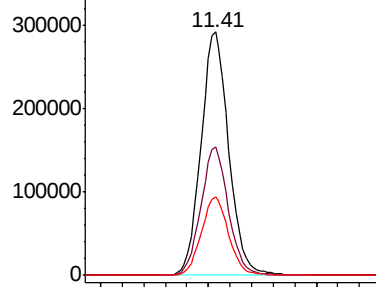
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056842.D
Acq: 19 Jul 2019 19:10

Instrument :
MSVOA_N
ClientSampled :
TP-1

Tot Ion:117 Resp: 521778
Ion Ratio Lower Upper
117 100
82 52.6 42.2 63.2
119 32.1 25.2 37.8

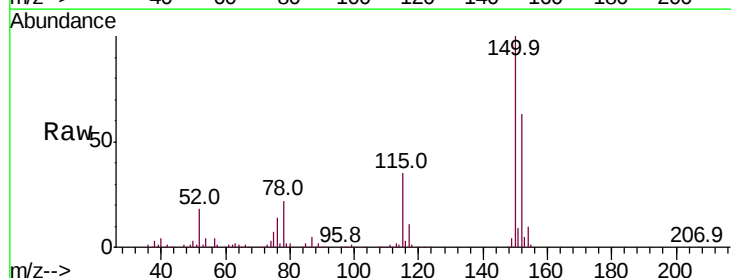


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056842.D
Acq: 19 Jul 2019 19:10

Tgt Ion:152 Resp: 186010
Ion Ratio Lower Upper
152 100
115 56.3 28.2 84.7
150 159.1 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

