

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071919\
 Data File : VN056840.D
 Acq On : 19 Jul 2019 18:24
 Operator : JC/SP
 Sample : K3868-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

Quant Time: Jul 20 00:25:01 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

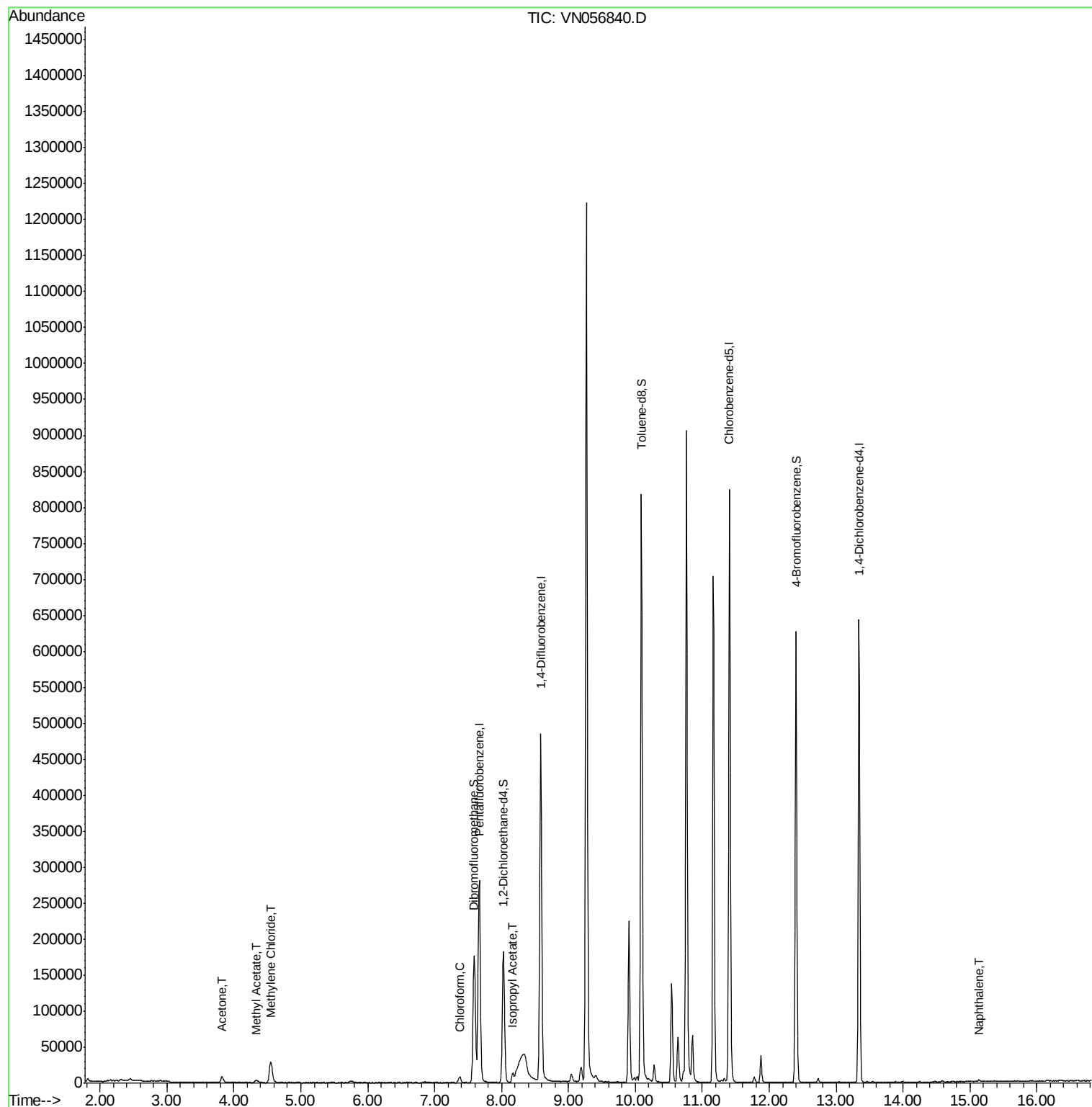
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	251014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	467005	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	518669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	188921	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	153393	55.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.50%	
35) Dibromofluoromethane	7.59	113	139585	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	
50) Toluene-d8	10.09	98	603089	53.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.46%	
62) 4-Bromofluorobenzene	12.40	95	223159	58.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.90%	
Target Compounds						
16) Acetone	3.82	43	15432	12.061	ug/l	93
18) Methyl Acetate	4.33	43	7840	1.790	ug/l	93
20) Methylene Chloride	4.55	84	24050	8.601	ug/l	98
30) Chloroform	7.38	83	10027	2.146	ug/l	98
43) Isopropyl Acetate	8.17	43	17267	2.579	ug/l #	86
95) Naphthalene	15.13	128	3079	4.802	ug/l #	94

(#) = 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: VN056840.D

Acq: 19 Jul 2019 18:24

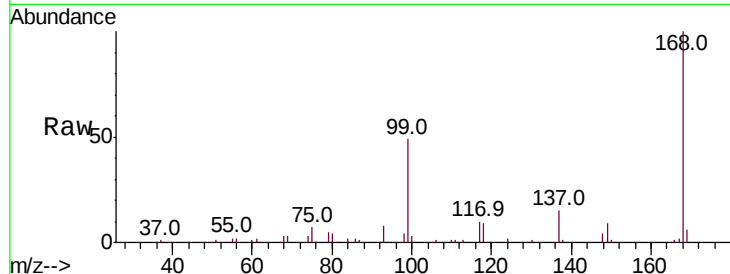
Instrument :
MSVOA_N
ClientSampled :
TP-4

Tot Ion:168 Resp: 251014

Ion Ratio Lower Upper

168 100

99 49.3 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

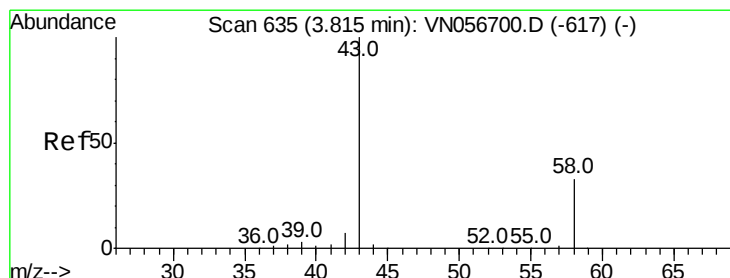
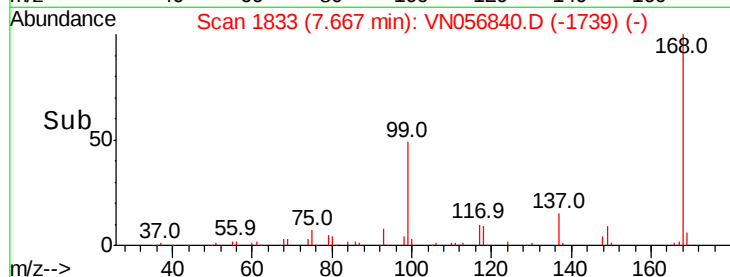
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 12.061 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN056840.D

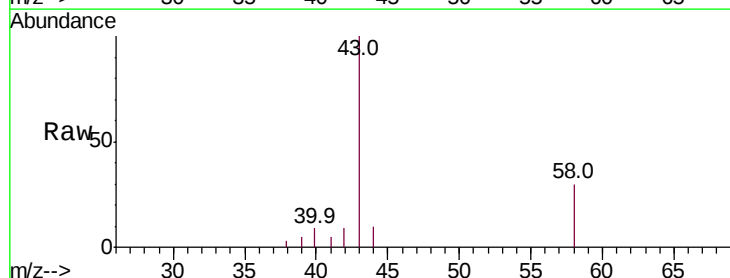
Acq: 19 Jul 2019 18:24

Tgt Ion: 43 Resp: 15432

Ion Ratio Lower Upper

43 100

58 29.7 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

6000

5000

4000

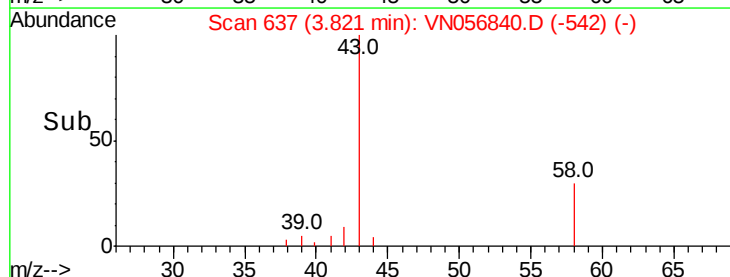
3000

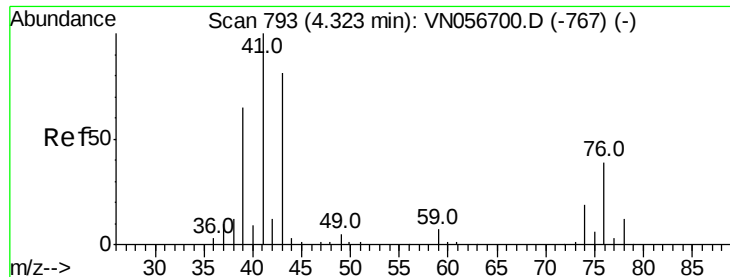
2000

1000

0

Time-->

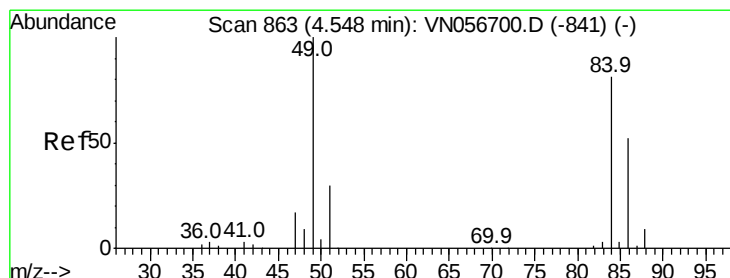
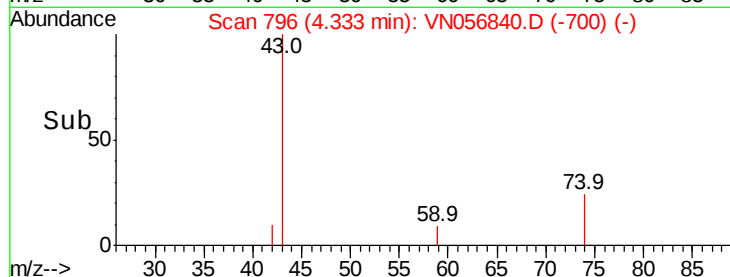
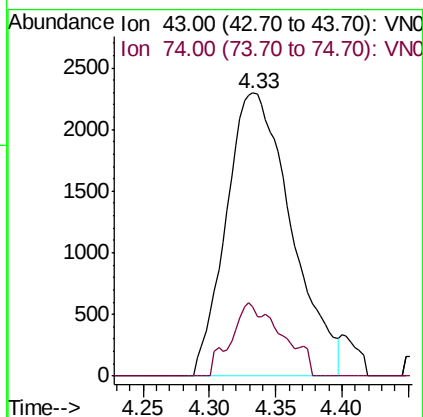
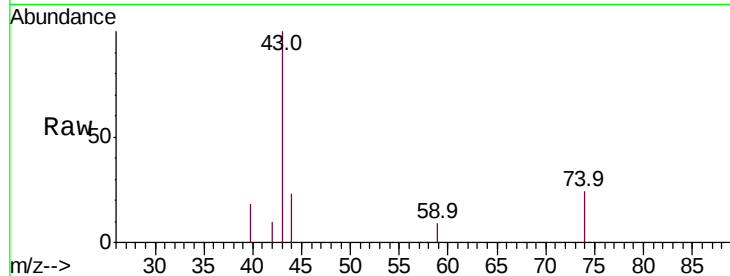




#18
Methyl Acetate
Concen: 1.790 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN056840.D
Acq: 19 Jul 2019 18:24

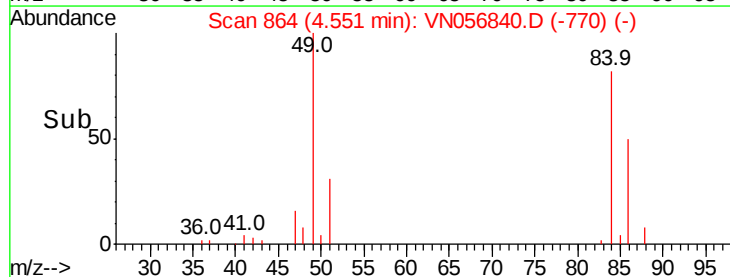
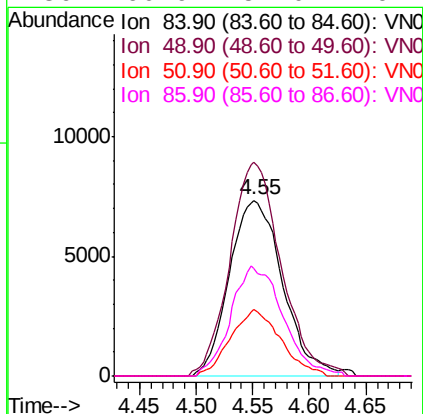
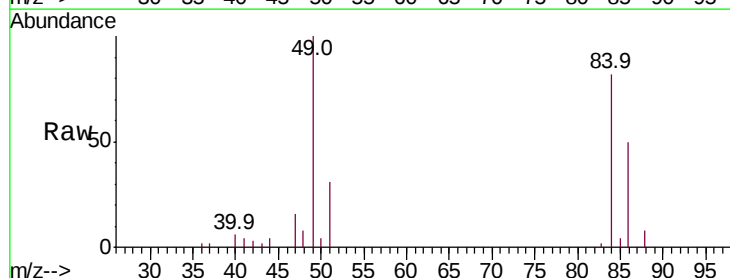
Instrument :
MSVOA_N
ClientSampled :
TP-4

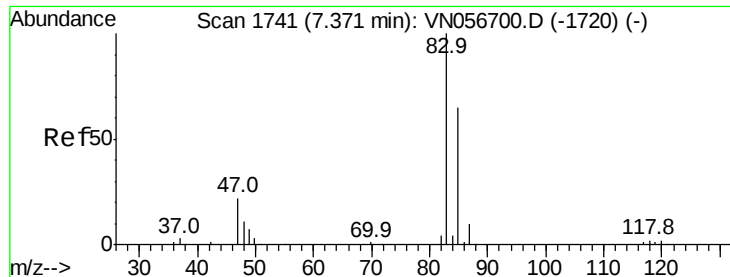
Tot Ion: 43 Resp: 7840
Ion Ratio Lower Upper
43 100
74 20.1 18.9 28.3



#20
Methylene Chloride
Concen: 8.601 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN056840.D
Acq: 19 Jul 2019 18:24

Tgt Ion: 84 Resp: 24050
Ion Ratio Lower Upper
84 100
49 121.5 98.2 147.4
51 37.6 29.6 44.4
86 60.9 51.0 76.4

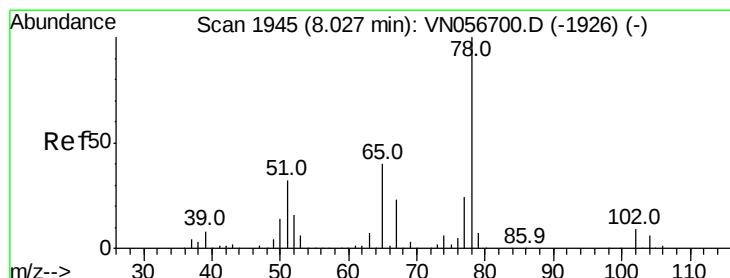
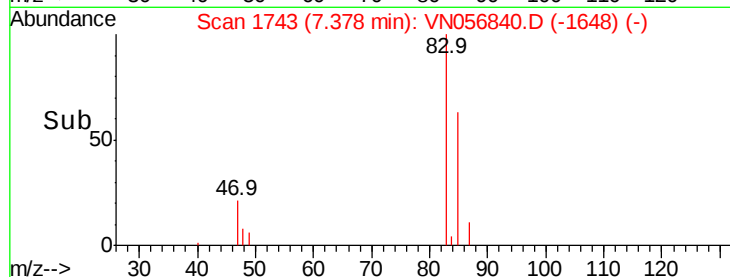
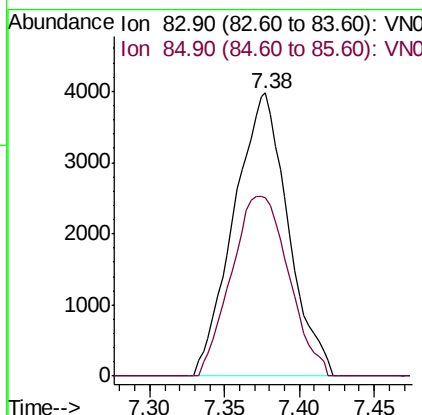
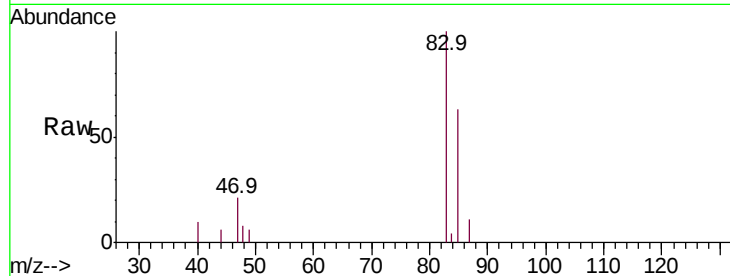




#30
Chloroform
Concen: 2.146 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.01 min
Lab File: VN056840.D
Acq: 19 Jul 2019 18:24

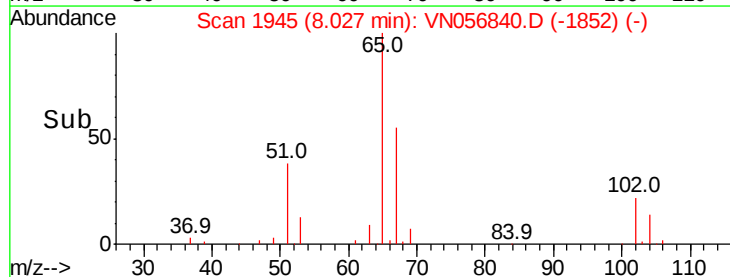
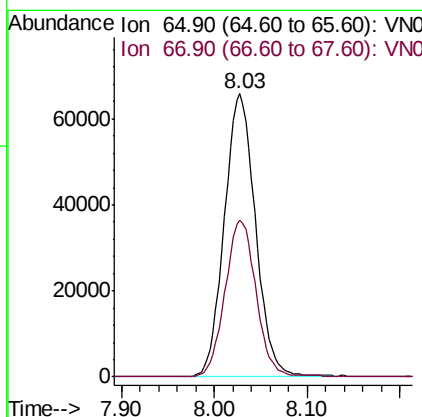
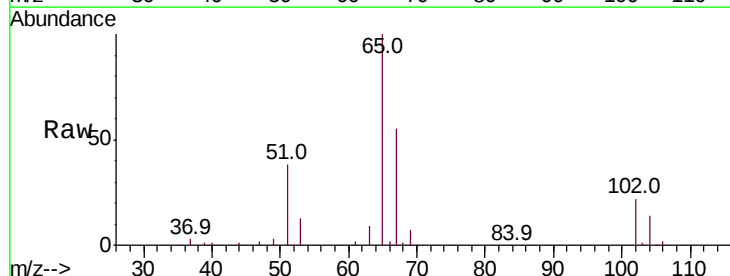
Instrument :
MSVOA_N
ClientSampled :
TP-4

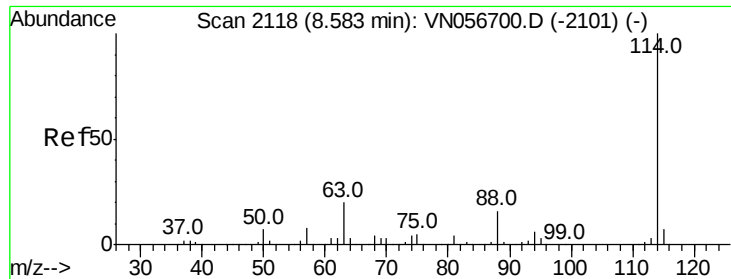
Tot Ion: 83 Resp: 10027
Ion Ratio Lower Upper
83 100
85 63.2 51.9 77.9



#33
1,2-Dichloroethane-d4
Concen: 55.246 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN056840.D
Acq: 19 Jul 2019 18:24

Tgt Ion: 65 Resp: 153393
Ion Ratio Lower Upper
65 100
67 54.9 0.0 109.0

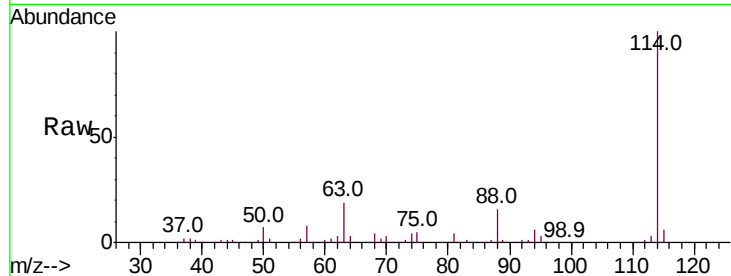




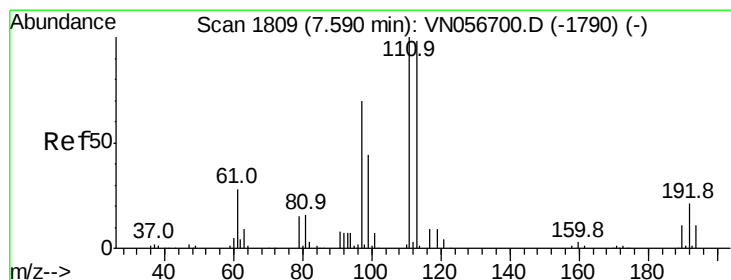
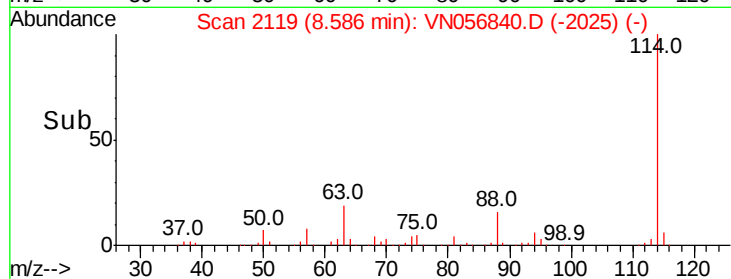
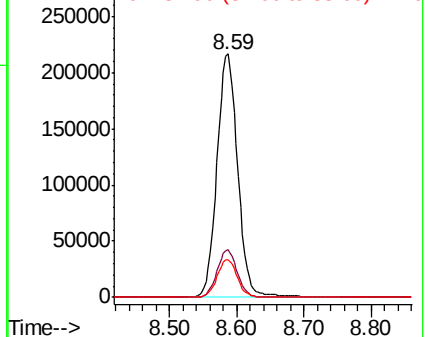
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056840.D
 Acq: 19 Jul 2019 18:24

Instrument :
 MSVOA_N
 ClientSampled :
 TP-4

Tot Ion:114 Resp: 467005
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.4
 88 15.6 0.0 31.2

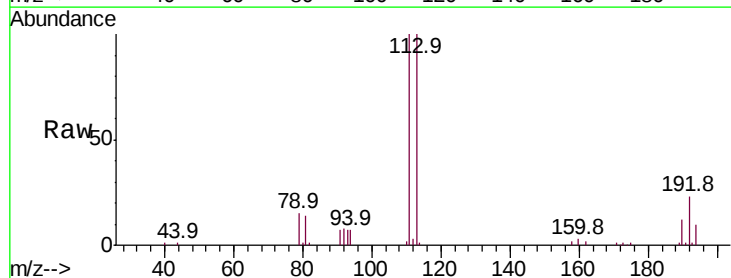


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

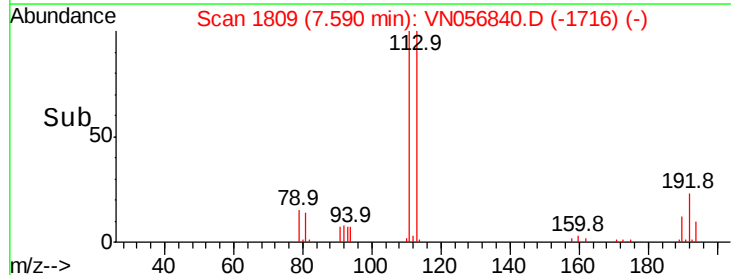
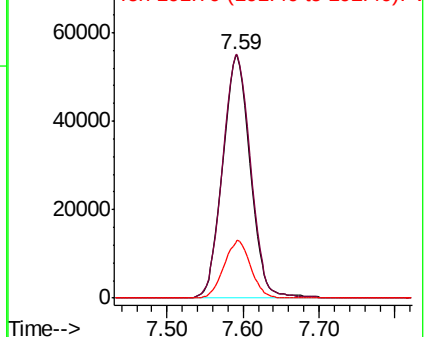


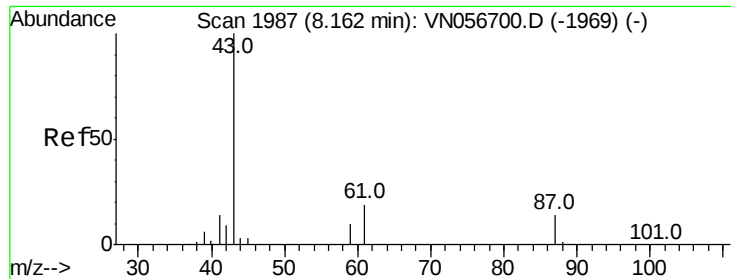
#35
 Dibromofluoromethane
 Concen: 48.029 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN056840.D
 Acq: 19 Jul 2019 18:24

Tgt Ion:113 Resp: 139585
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.8 122.6
 192 22.9 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: 2.579 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN056840.D

Acq: 19 Jul 2019 18:24

Instrument :

MSVOA_N

ClientSampleId :

TP-4

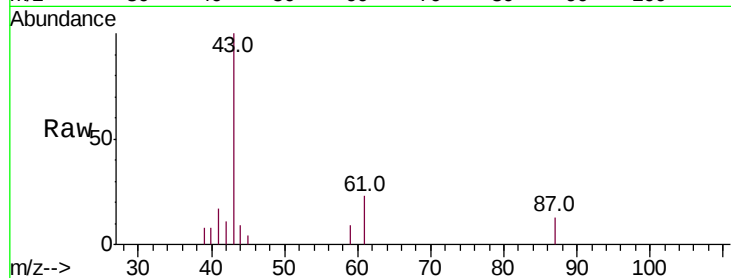
Tot Ion: 43 Resp: 17267

Ion Ratio Lower Upper

43 100

61 18.4 22.3 33.5#

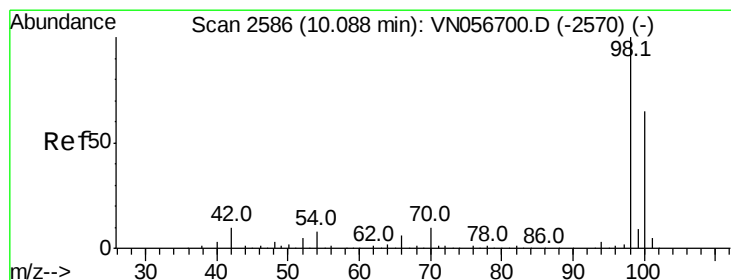
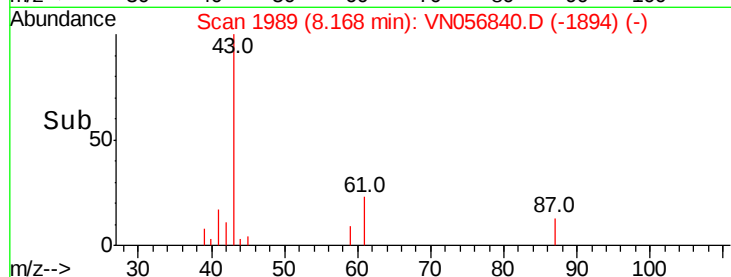
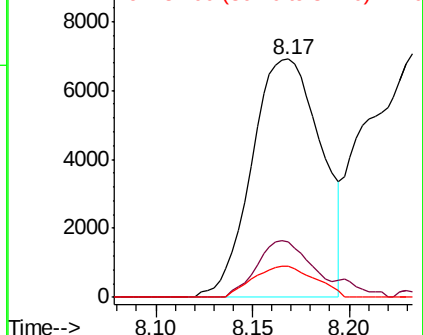
87 11.5 11.1 16.7



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: 53.729 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056840.D

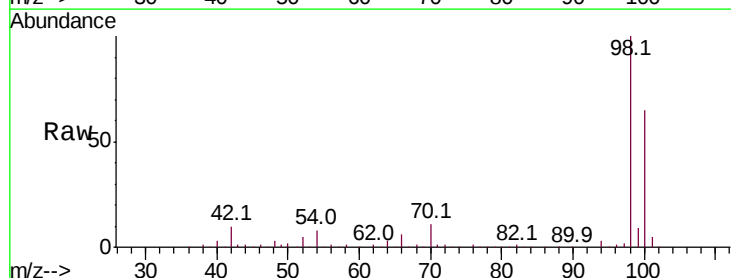
Acq: 19 Jul 2019 18:24

Tgt Ion: 98 Resp: 603089

Ion Ratio Lower Upper

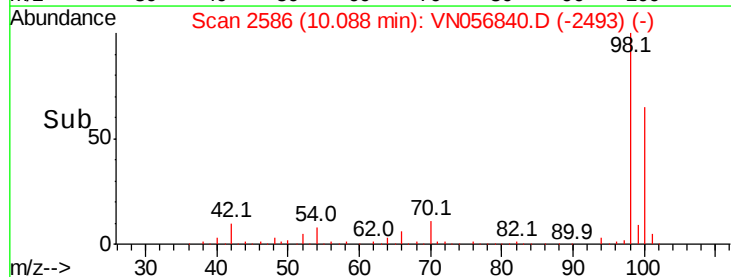
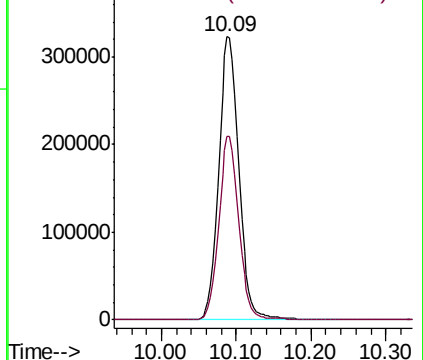
98 100

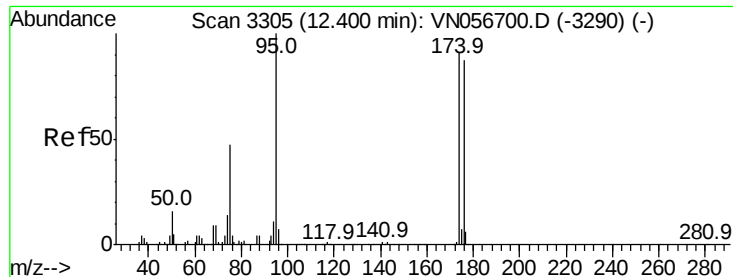
100 64.4 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

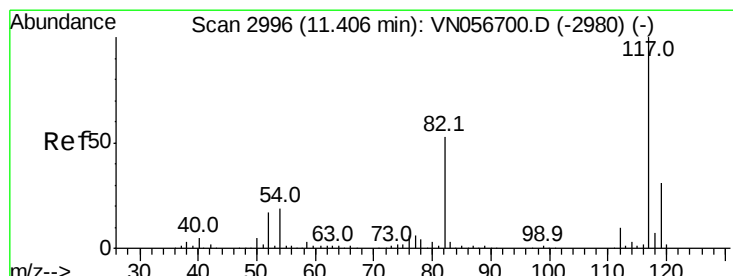
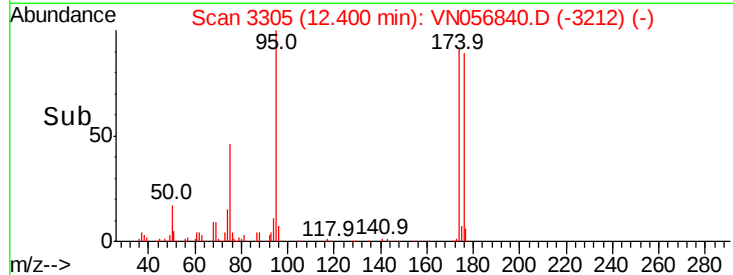
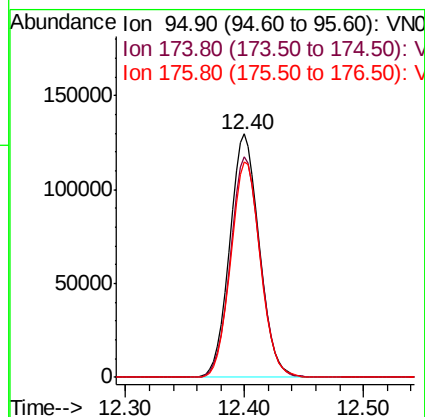
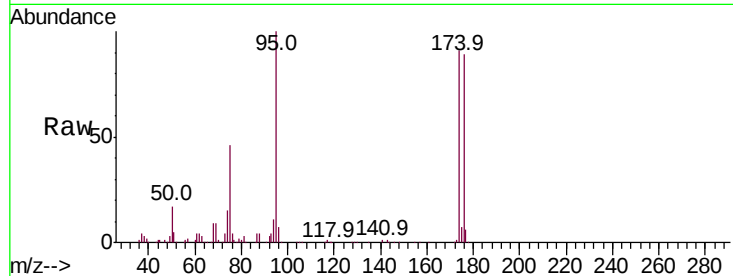




#62
4-Bromofluorobenzene
Concen: 58.953 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056840.D
Acq: 19 Jul 2019 18:24

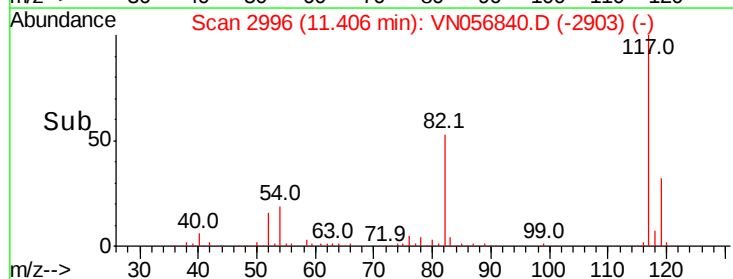
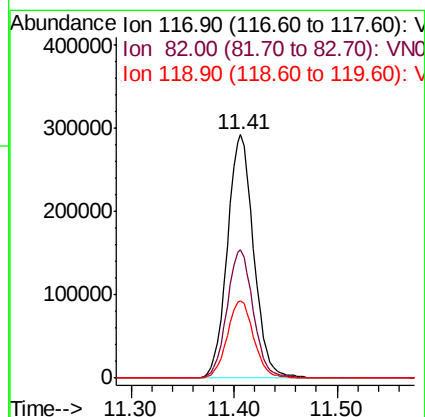
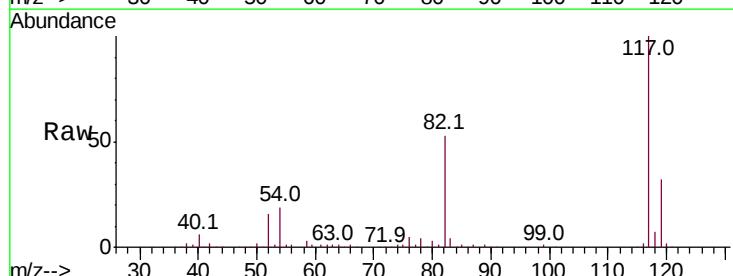
Instrument :
MSVOA_N
ClientSampleId :
TP-4

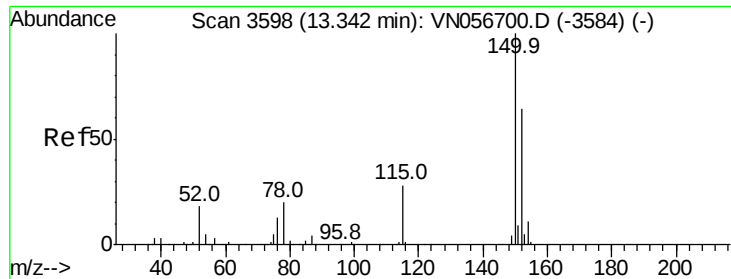
Tot Ion: 95 Resp: 223159
Ion Ratio Lower Upper
95 100
174 91.3 0.0 180.0
176 88.9 0.0 173.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056840.D
Acq: 19 Jul 2019 18:24

Tgt Ion: 117 Resp: 518669
Ion Ratio Lower Upper
117 100
82 52.7 42.2 63.2
119 31.9 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056840.D

Acq: 19 Jul 2019 18:24

Instrument :

MSVOA_N

ClientSampled :

TP-4

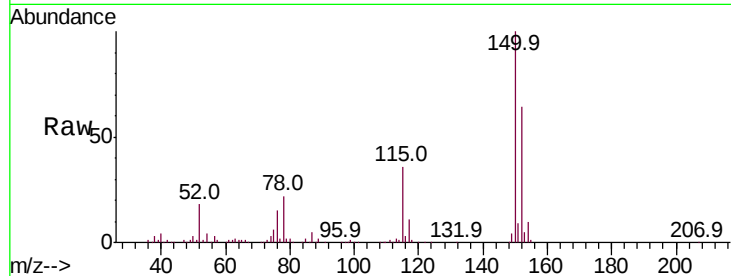
Tot Ion:152 Resp: 188921

Ion Ratio Lower Upper

152 100

115 55.9 28.2 84.7

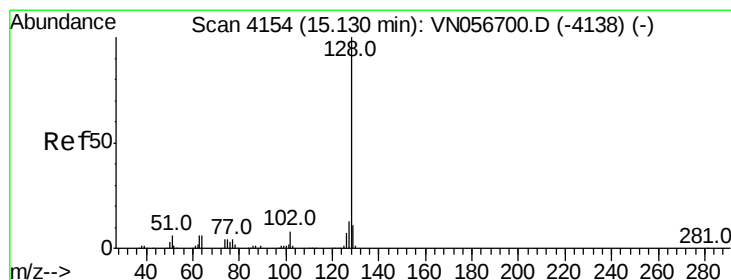
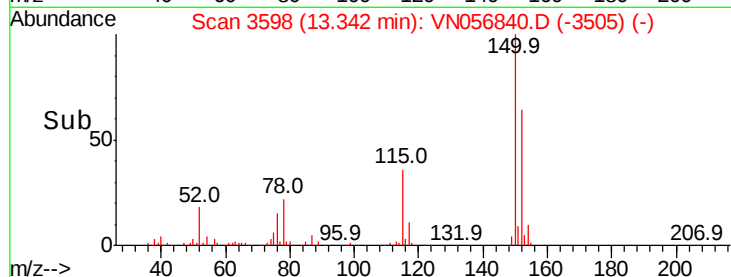
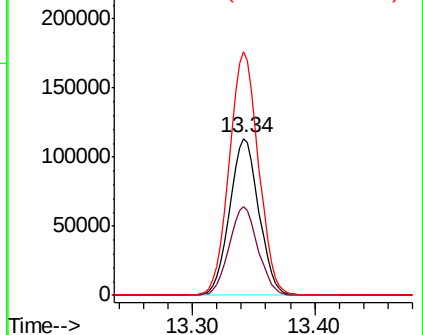
150 155.7 0.0 345.8



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: 4.802 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056840.D

Acq: 19 Jul 2019 18:24

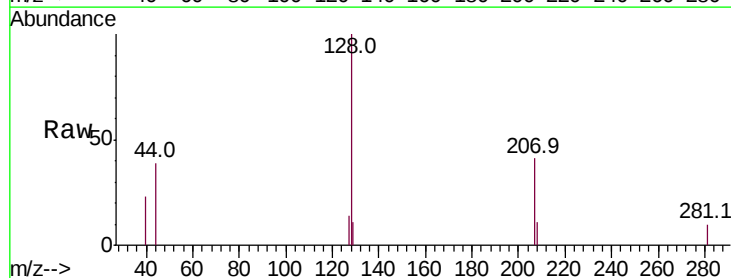
Tgt Ion:128 Resp: 3079

Ion Ratio Lower Upper

128 100

127 8.9 10.3 15.5#

129 10.3 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

