

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042319\
 Data File : VN055198.D
 Acq On : 23 Apr 2019 11:49
 Operator : JC/SP
 Sample : K2532-24
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

Quant Time: Apr 24 03:19:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

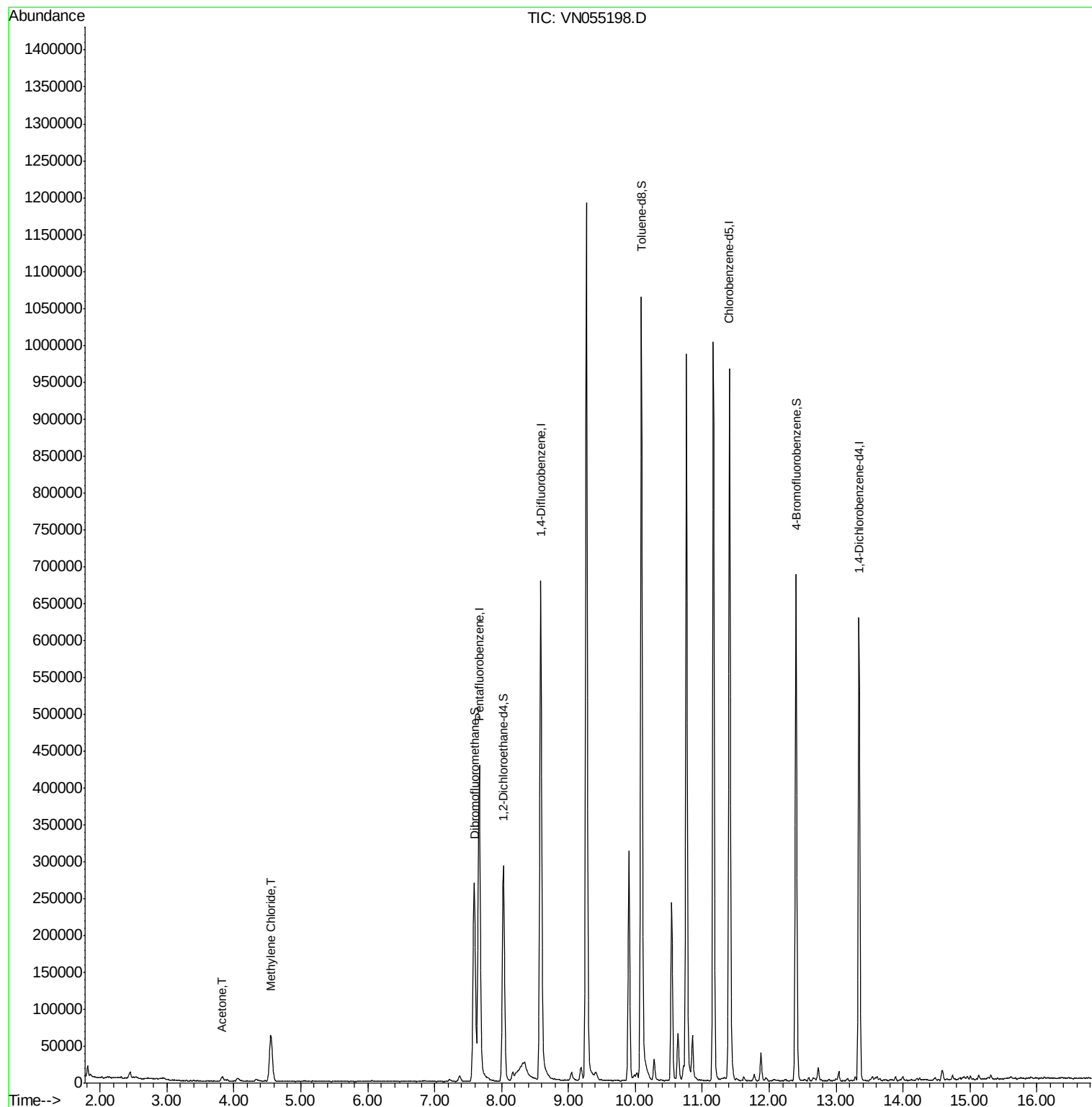
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	370707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	625561	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	571096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	166400	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	251548	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
35) Dibromofluoromethane	7.59	113	207421	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
50) Toluene-d8	10.09	98	770236	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
62) 4-Bromofluorobenzene	12.40	95	237824	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
Target Compounds						
16) Acetone	3.83	43	10552	6.361	ug/l	98
20) Methylene Chloride	4.55	84	43284	9.077	ug/l	93

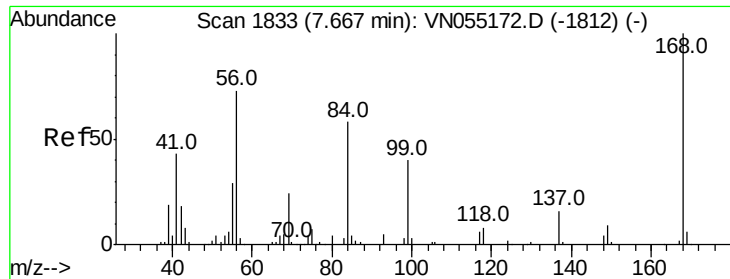
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055198.D

Acq: 23 Apr 2019 11:49

Instrument :

MSVOA_N

ClientSampled :

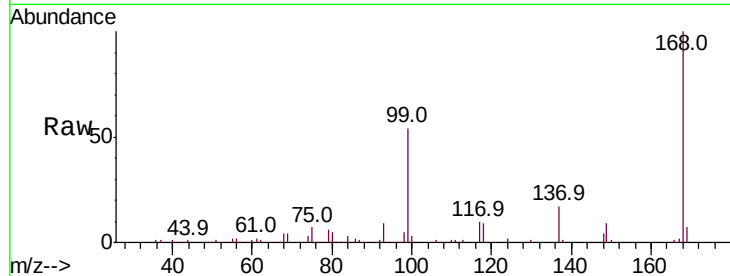
TP-4

Tot Ion:168 Resp: 370707

Ion Ratio Lower Upper

168 100

99 54.2 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

150000

100000

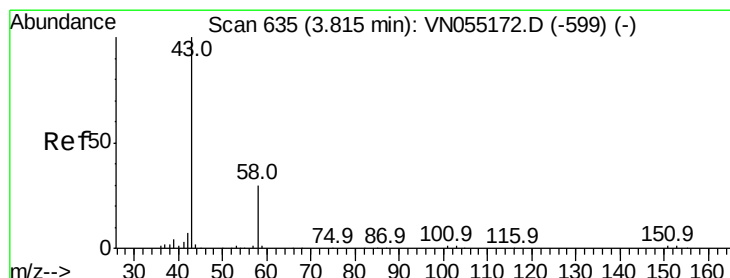
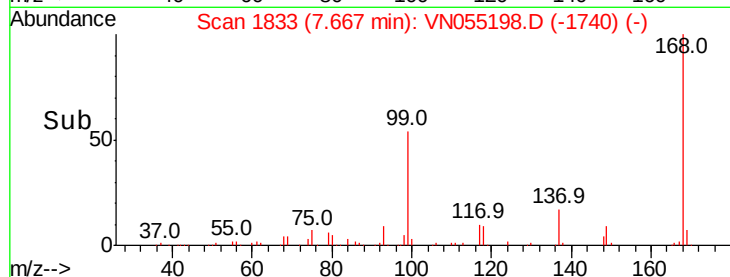
50000

0

7.67

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 6.361 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN055198.D

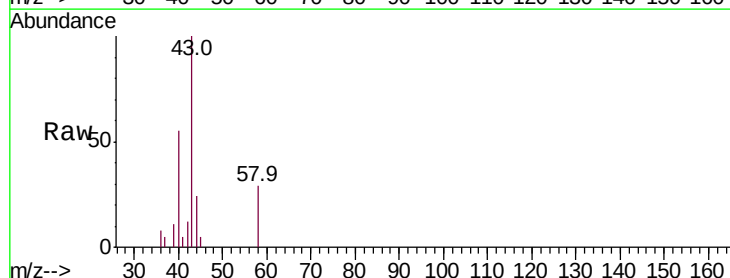
Acq: 23 Apr 2019 11:49

Tgt Ion: 43 Resp: 10552

Ion Ratio Lower Upper

43 100

58 28.6 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

4000

3000

2000

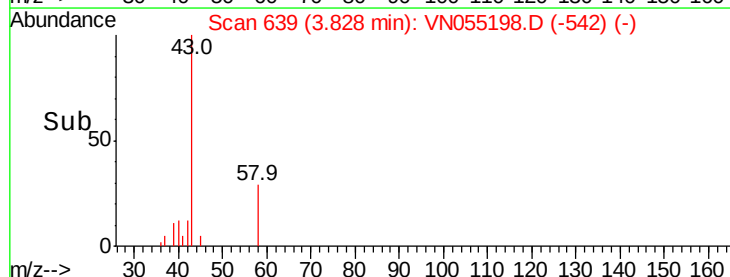
1000

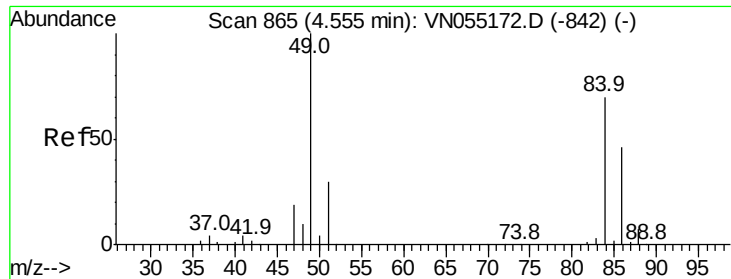
0

3.83

3.80 3.90

Time-->

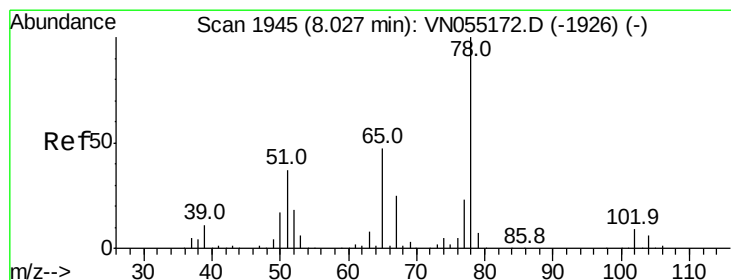
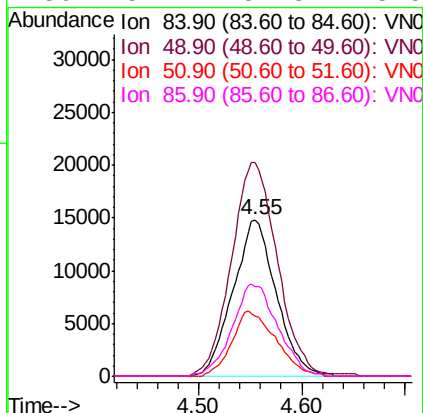
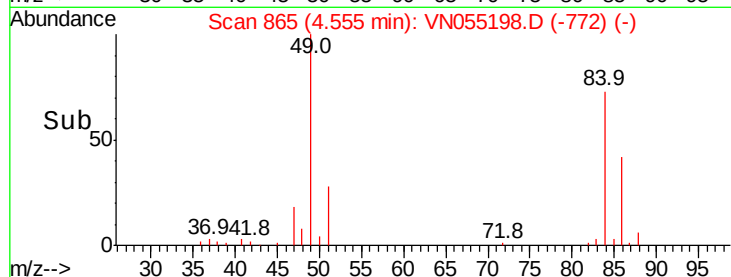
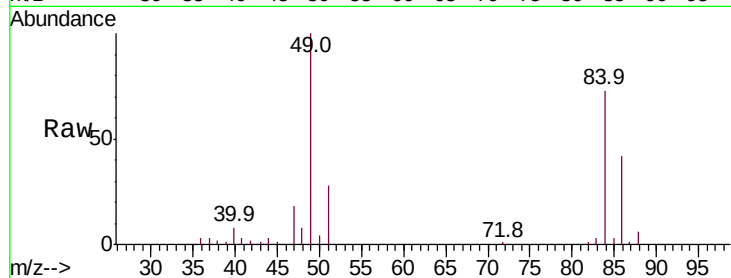




#20
Methylene Chloride
Concen: 9.077 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055198.D
Acq: 23 Apr 2019 11:49

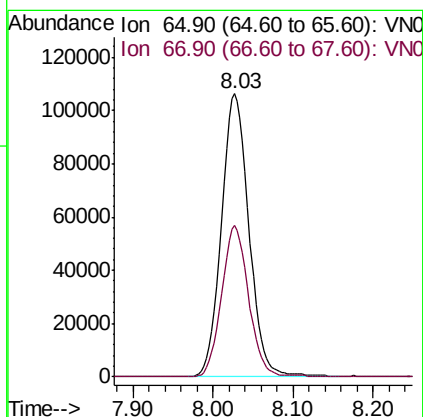
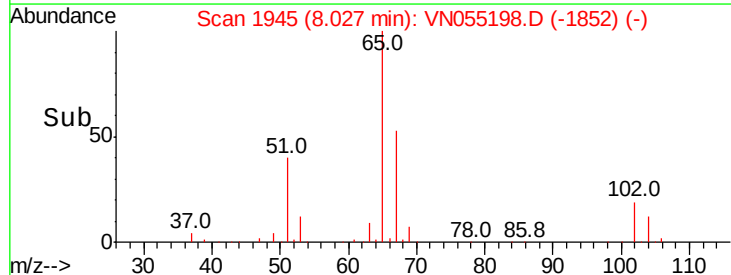
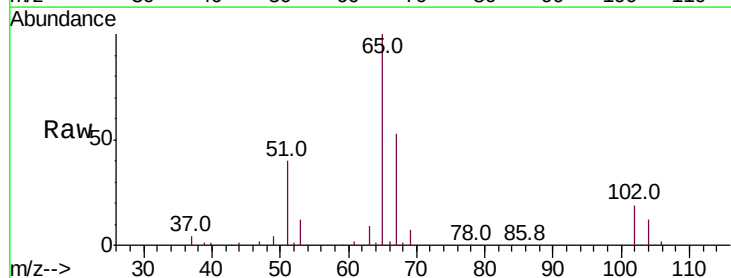
Instrument :
MSVOA_N
ClientSampled :
TP-4

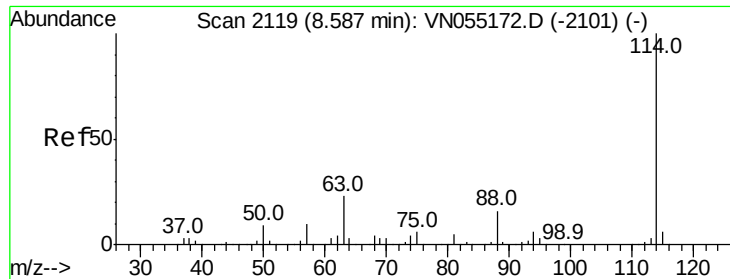
Tot Ion: 84 Resp: 43284
Ion Ratio Lower Upper
84 100
49 136.2 113.8 170.6
51 38.7 34.0 51.0
86 57.1 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 50.133 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055198.D
Acq: 23 Apr 2019 11:49

Tgt Ion: 65 Resp: 251548
Ion Ratio Lower Upper
65 100
67 52.5 0.0 108.6

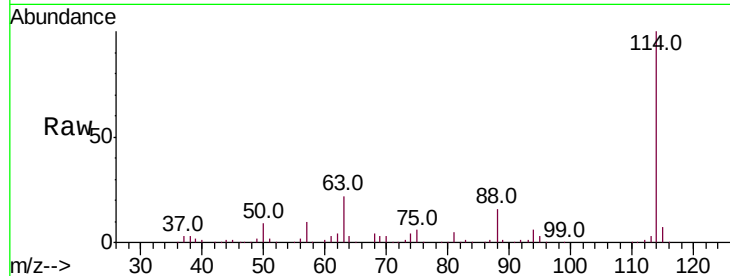




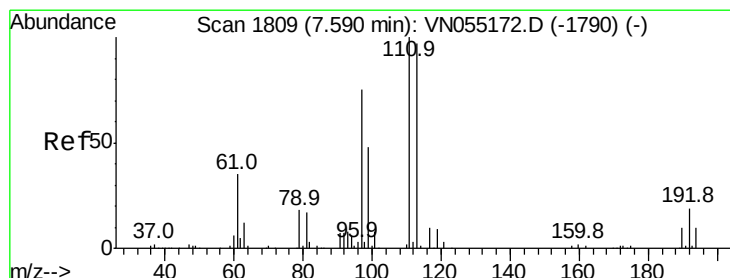
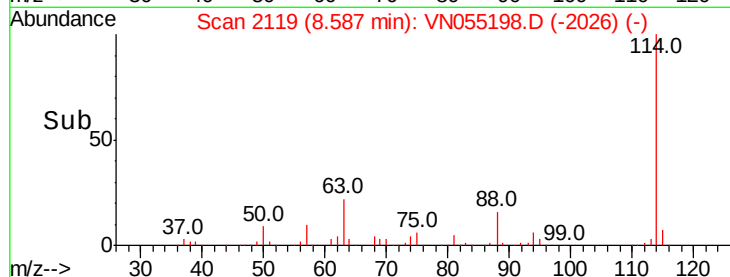
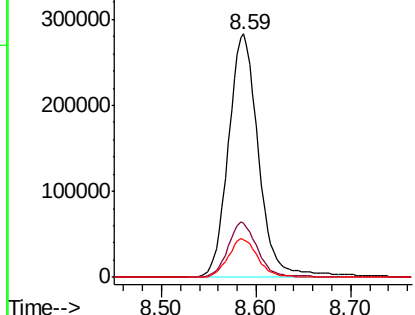
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055198.D
 Acq: 23 Apr 2019 11:49

Instrument :
 MSVOA_N
 ClientSampled :
 TP-4

Tot Ion:114 Resp: 625561
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 45.2
 88 15.6 0.0 32.8

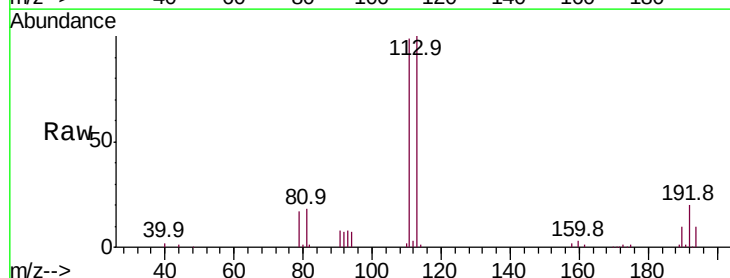


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

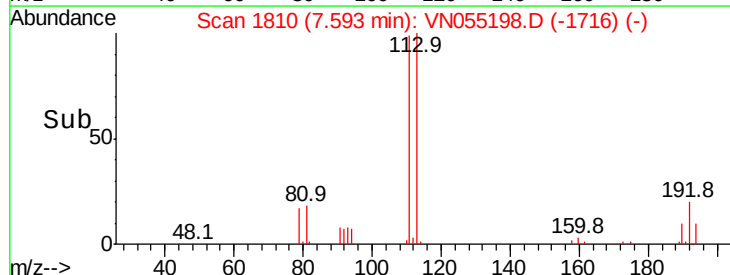
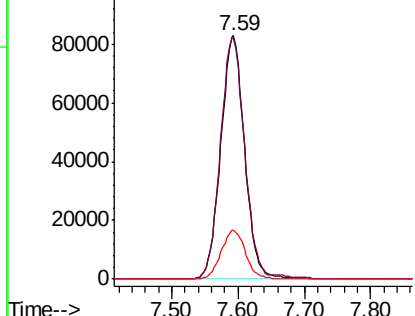


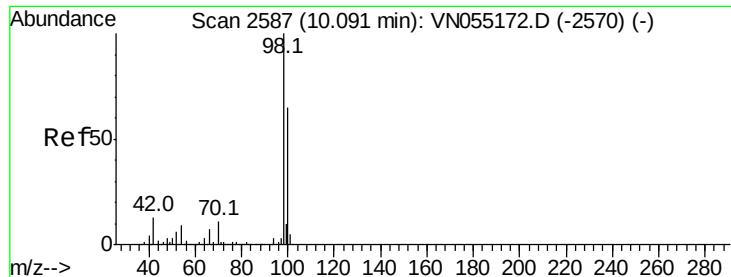
#35
 Dibromofluoromethane
 Concen: 48.808 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055198.D
 Acq: 23 Apr 2019 11:49

Tgt Ion:113 Resp: 207421
 Ion Ratio Lower Upper
 113 100
 111 99.7 81.0 121.4
 192 20.3 16.2 24.4



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: 48.917 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055198.D

Acq: 23 Apr 2019 11:49

Instrument :

MSVOA_N

ClientSampled :

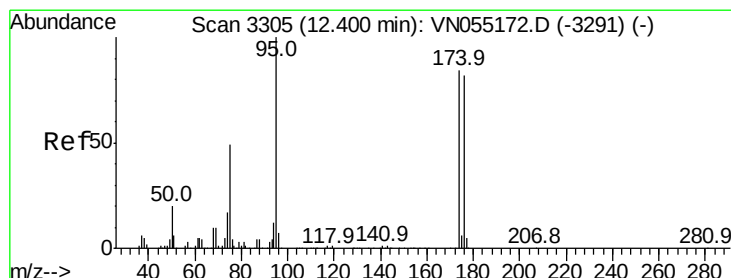
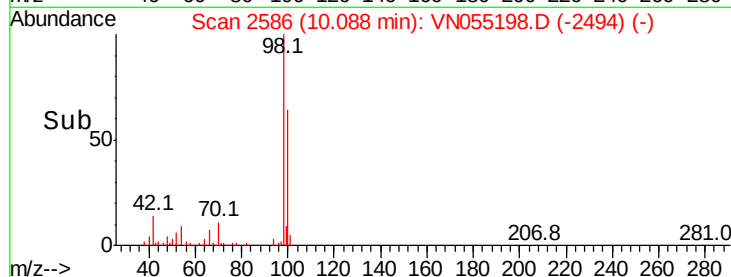
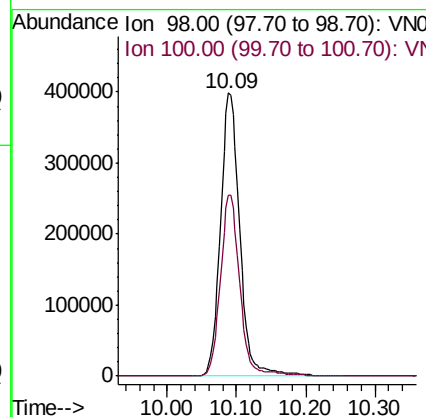
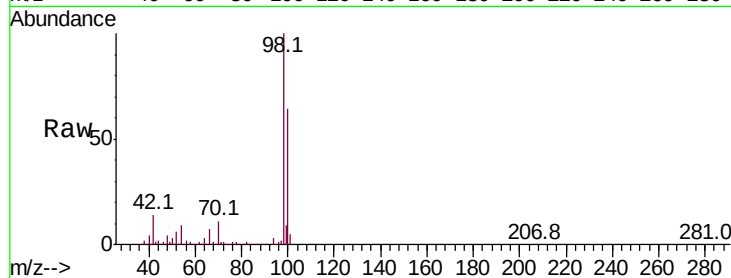
TP-4

Tot Ion: 98 Resp: 770236

Ion Ratio Lower Upper

98 100

100 64.1 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 47.695 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055198.D

Acq: 23 Apr 2019 11:49

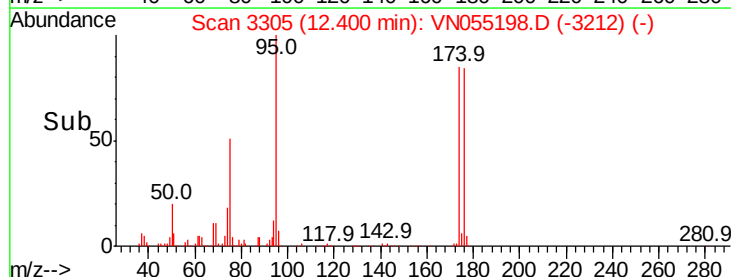
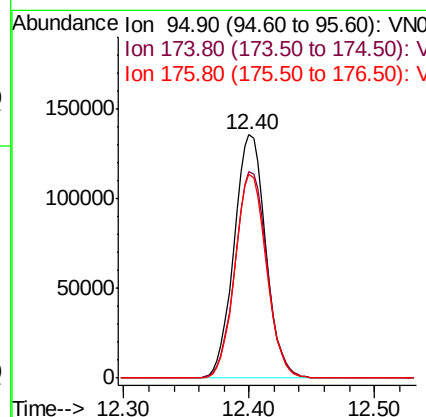
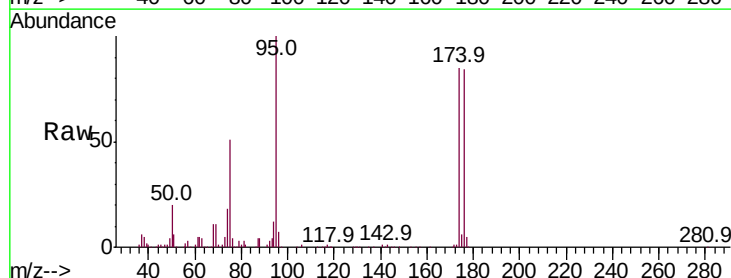
Tgt Ion: 95 Resp: 237824

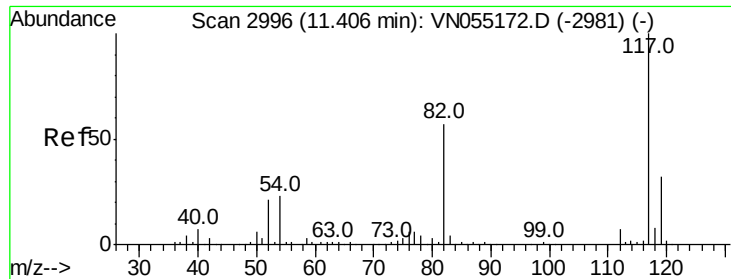
Ion Ratio Lower Upper

95 100

174 85.8 0.0 168.4

176 83.1 0.0 164.0

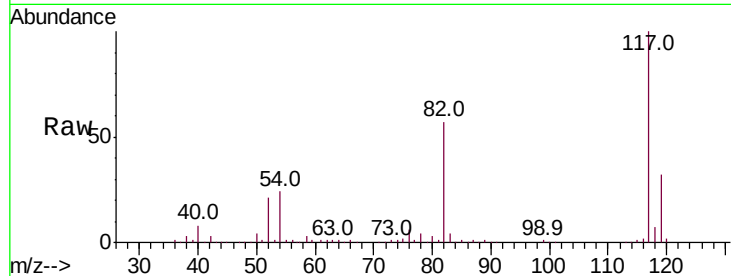




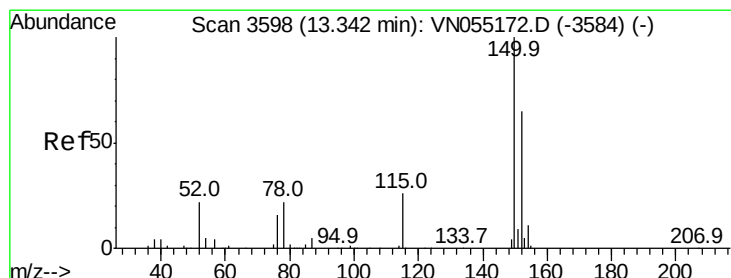
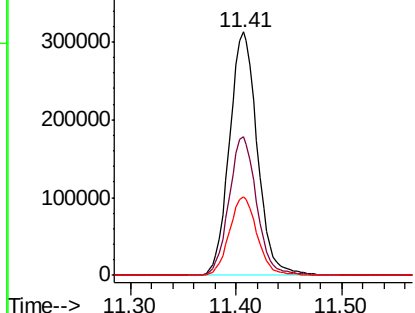
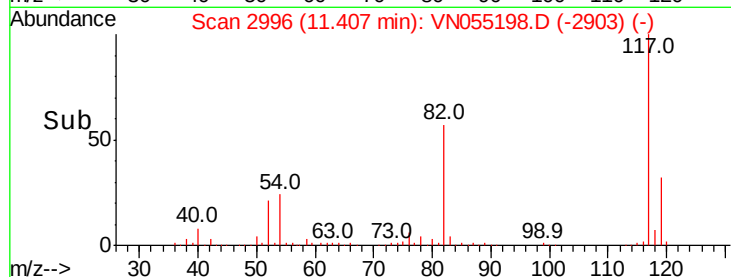
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055198.D
Acq: 23 Apr 2019 11:49

Instrument :
MSVOA_N
ClientSampleId :
TP-4

Tot Ion:117 Resp: 571096
Ion Ratio Lower Upper
117 100
82 57.0 45.7 68.5
119 32.2 25.4 38.2

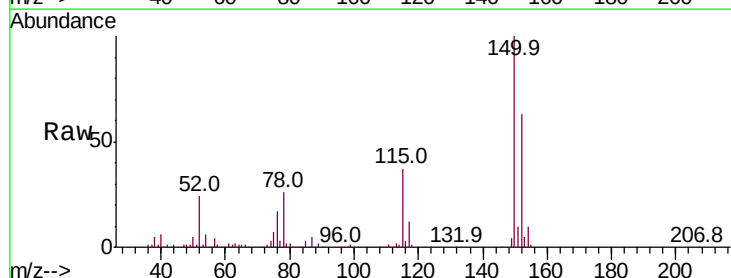


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055198.D
Acq: 23 Apr 2019 11:49

Tgt Ion:152 Resp: 166400
Ion Ratio Lower Upper
152 100
115 59.2 28.9 86.7
150 160.4 0.0 346.6



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

