

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081618\
 Data File : VN050713.D
 Acq On : 16 Aug 2018 20:04
 Operator : MD\SY
 Sample : J4500-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Quant Time: Aug 17 05:20:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	599113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1004811	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	863205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	316696	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	420669	55.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.40%	
35) Dibromofluoromethane	7.59	113	388783	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
50) Toluene-d8	10.09	98	1379029	45.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.36%	
62) 4-Bromofluorobenzene	12.40	95	376304	37.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.46%	

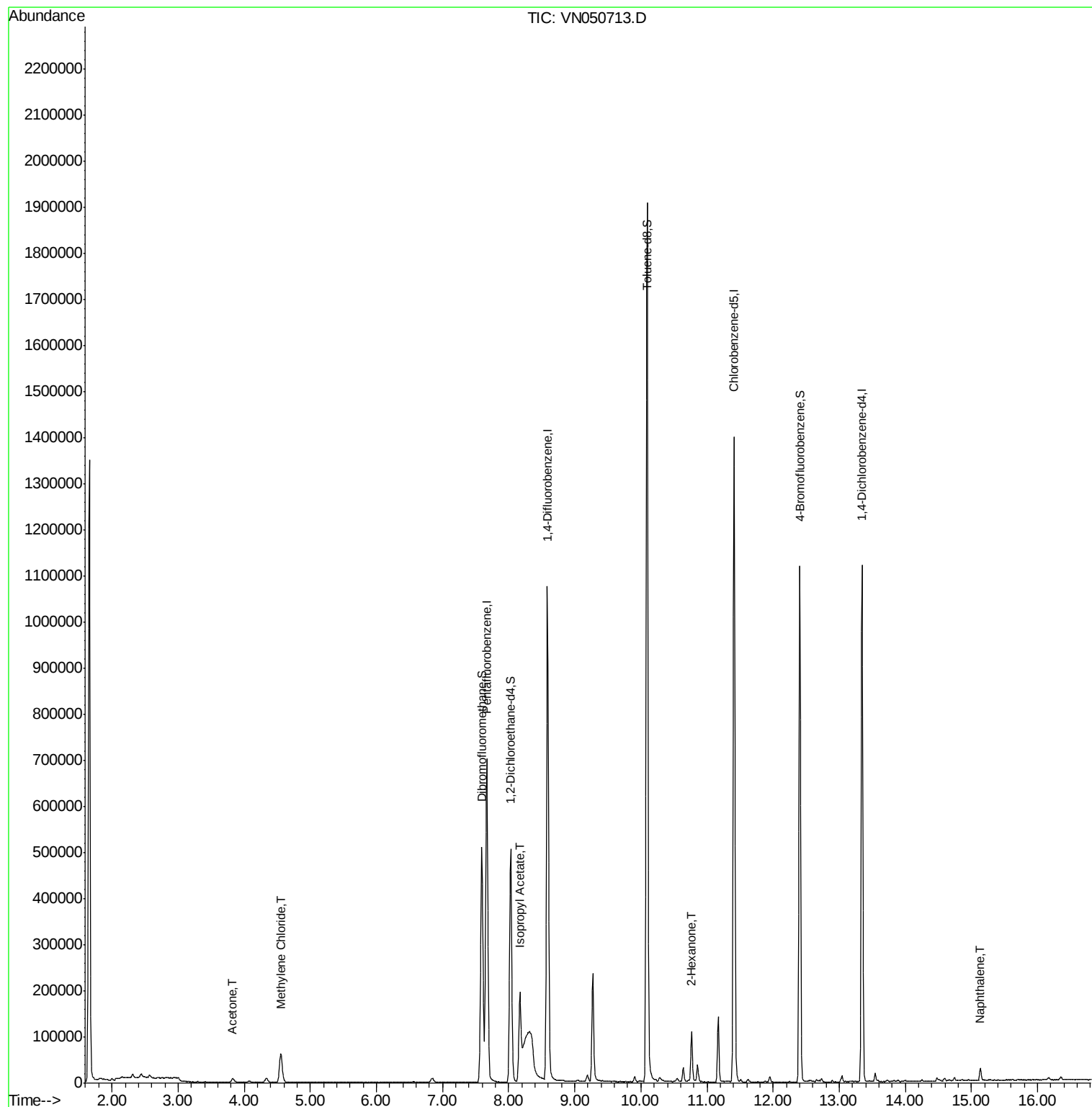
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	13922	5.97	ug/l	89
20) Methylene Chloride	4.55	84	49559	5.78	ug/l	98
43) Isopropyl Acetate	8.17	43	244842	21.25	ug/l	95
59) 2-Hexanone	10.77	43	16827	3.35	ug/l	64
95) Naphthalene	15.14	128	23358	5.63	ug/l	99

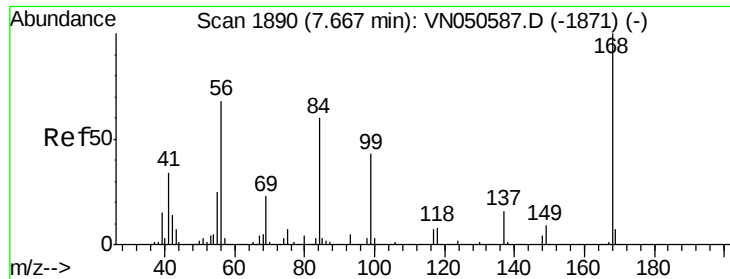
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050713.D

Acq: 16 Aug 2018 20:04

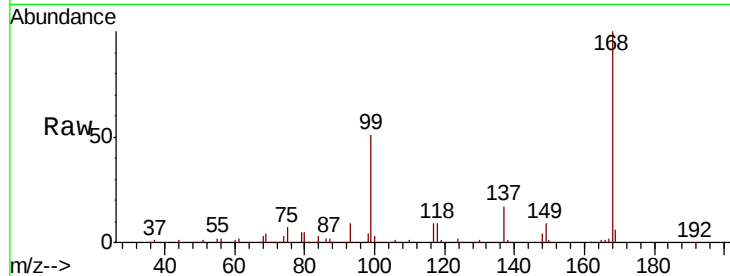
Instrument :
MSVOA_N
ClientSampled :
TP-2

Tot Ion:168 Resp: 599113

Ion Ratio Lower Upper

168 100

99 50.7 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

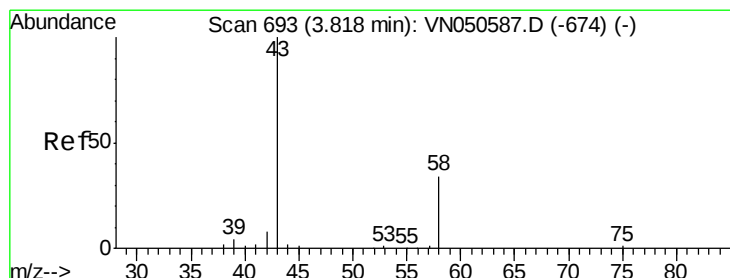
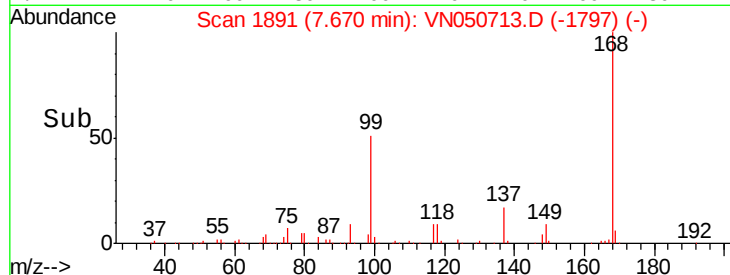
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.97 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050713.D

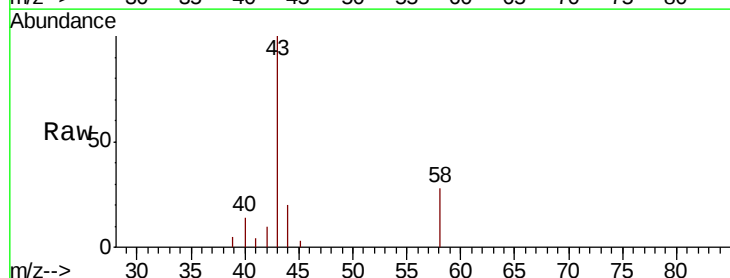
Acq: 16 Aug 2018 20:04

Tgt Ion: 43 Resp: 13922

Ion Ratio Lower Upper

43 100

58 27.7 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

6000

5000

4000

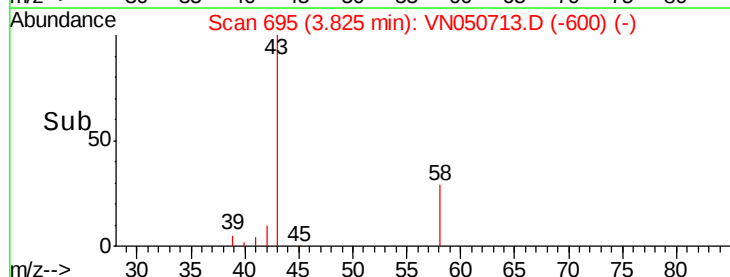
3000

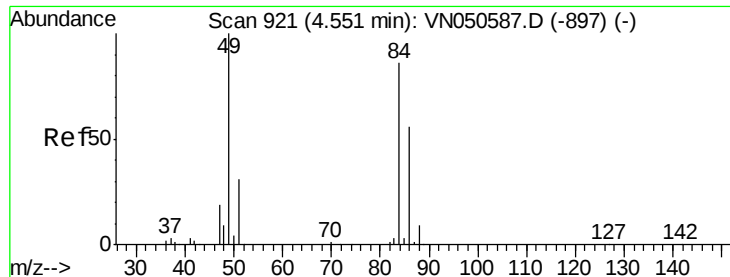
2000

1000

0

Time-->

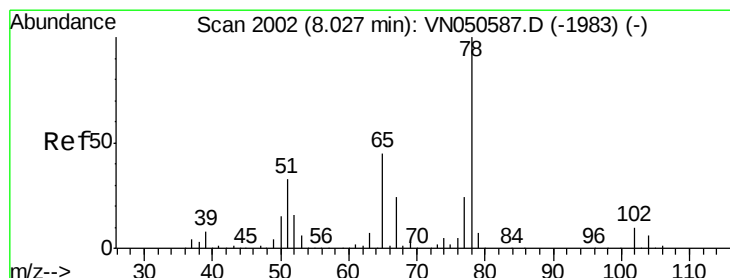
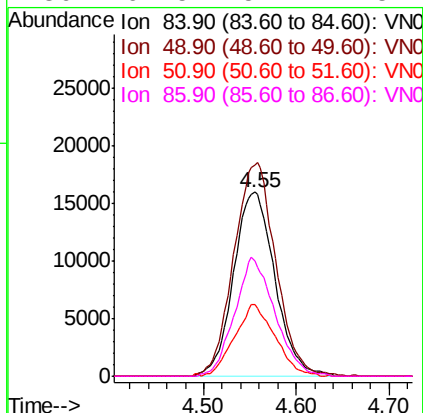
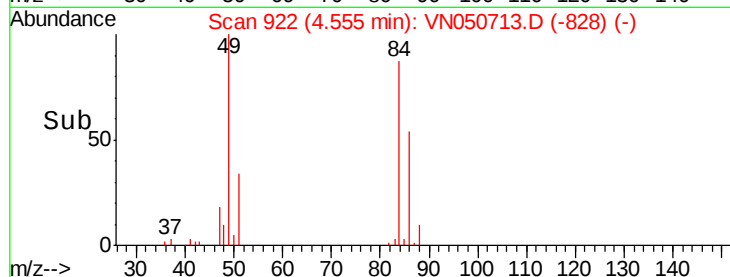
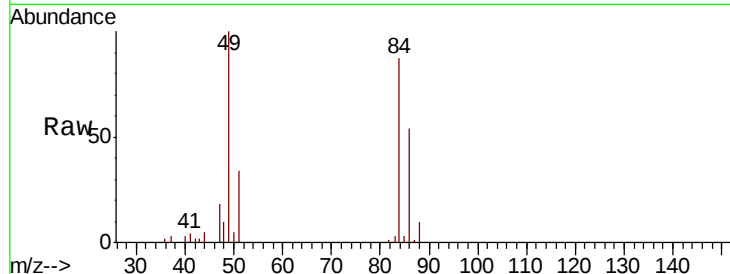




#20
Methvlene Chloride
Concen: 5.78 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050713.D
Acq: 16 Aug 2018 20:04

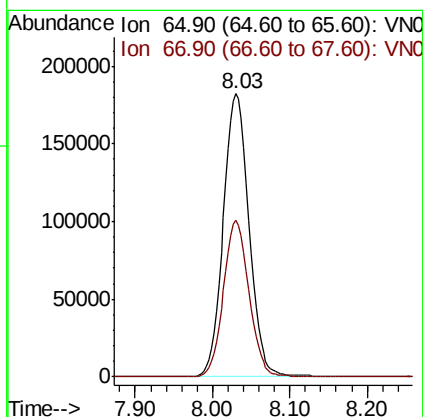
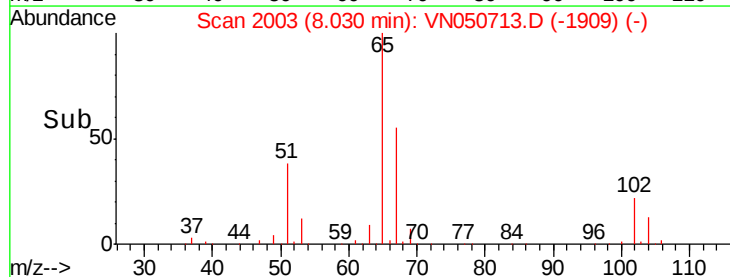
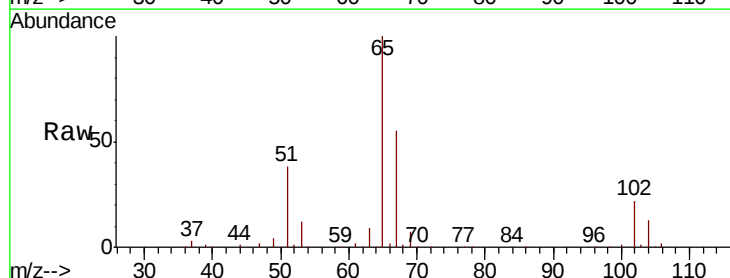
Instrument :
MSVOA_N
ClientSampled :
TP-2

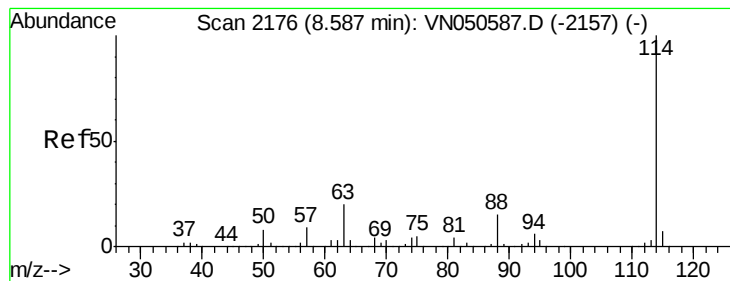
Tot Ion: 84 Resp: 49559
Ion Ratio Lower Upper
84 100
49 115.1 92.6 138.8
51 39.1 28.6 43.0
86 62.5 52.2 78.2



#33
1,2-Dichloroethane-d4
Concen: 55.70 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050713.D
Acq: 16 Aug 2018 20:04

Tgt Ion: 65 Resp: 420669
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN050713.D

Acq: 16 Aug 2018 20:04

Instrument :

MSVOA_N

ClientSampleId :

TP-2

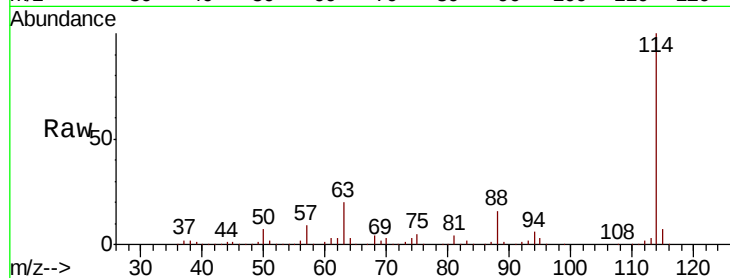
Tot Ion:114 Resp: 1004811

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.0

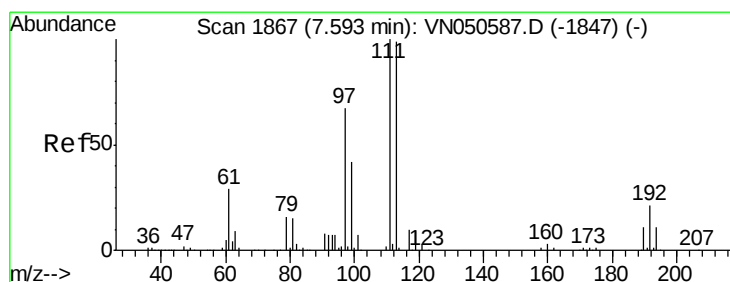
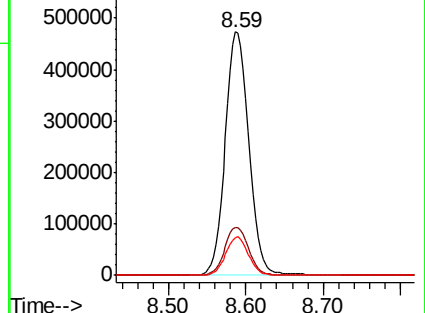
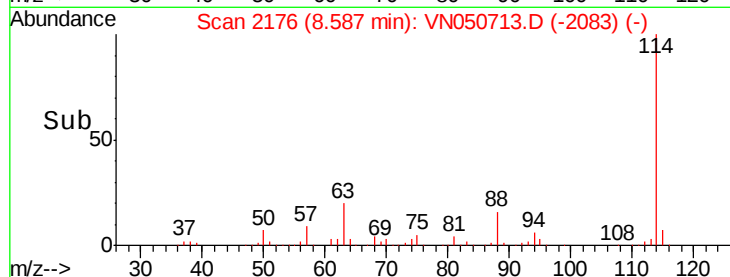
88 15.5 0.0 30.8



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: 48.46 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN050713.D

Acq: 16 Aug 2018 20:04

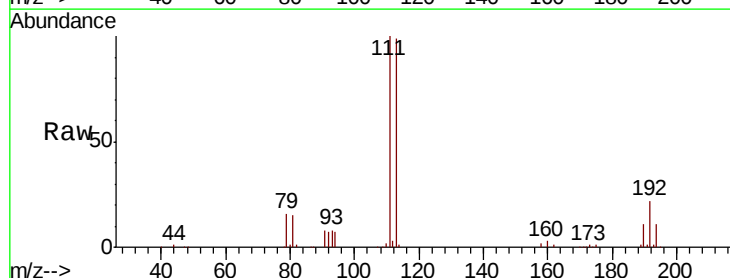
Tgt Ion:113 Resp: 388783

Ion Ratio Lower Upper

113 100

111 102.9 81.0 121.6

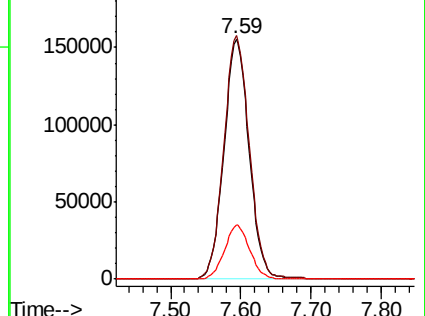
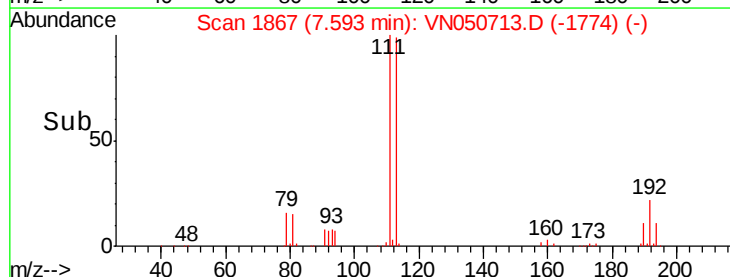
192 22.4 17.6 26.4

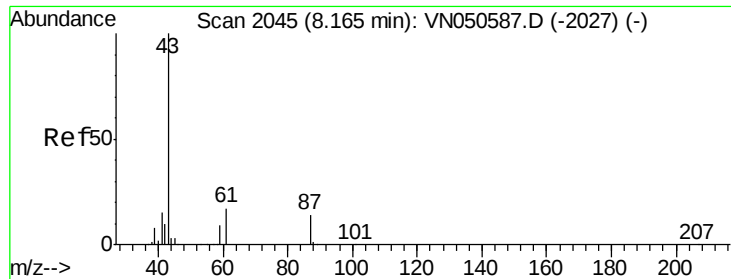


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

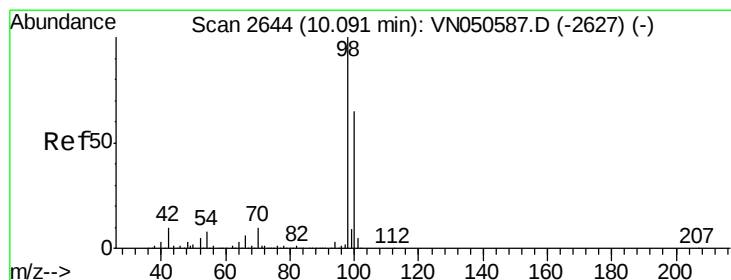
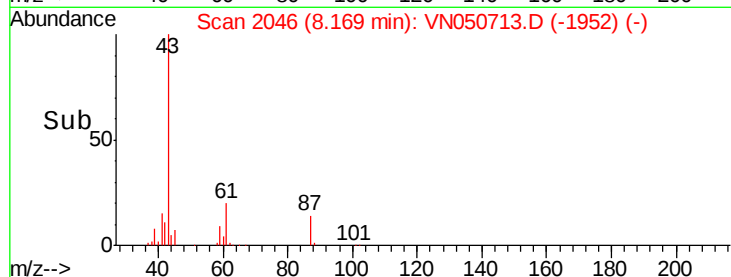
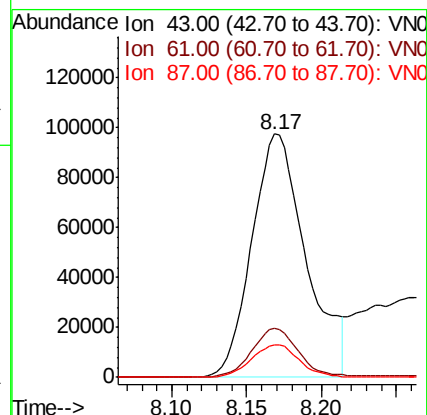
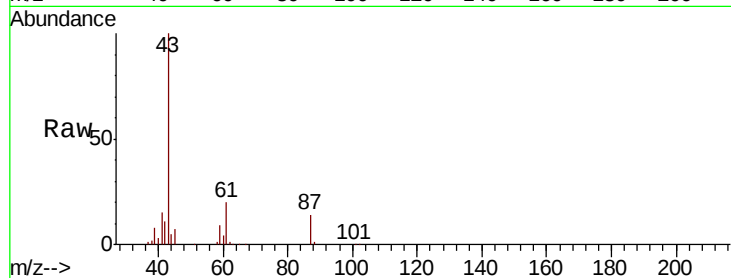




#43
Isopropyl Acetate
Concen: 21.25 ug/l
RT: 8.17 min Scan# 2046
Delta R.T. 0.00 min
Lab File: VN050713.D
Acq: 16 Aug 2018 20:04

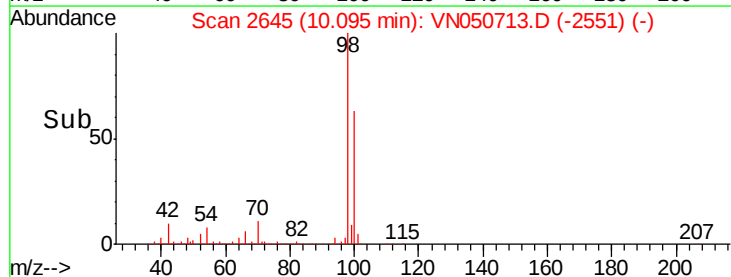
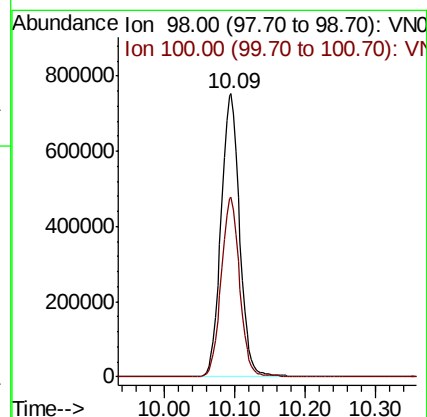
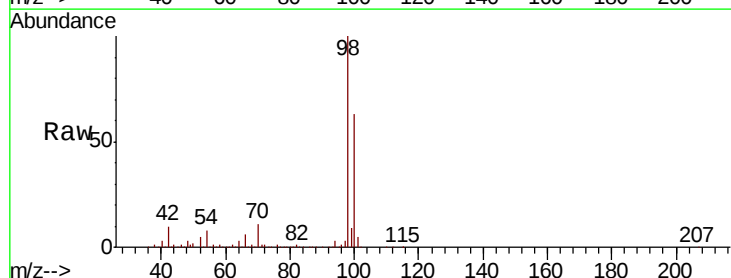
Instrument :
MSVOA_N
ClientSampleId :
TP-2

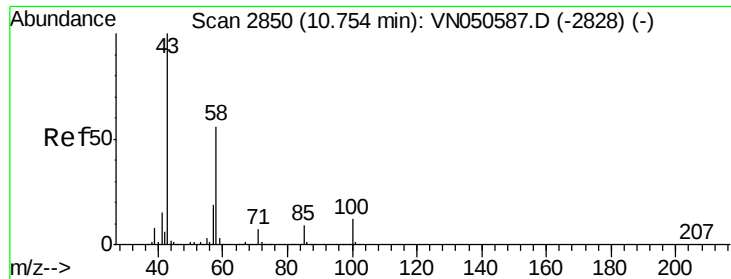
Tot Ion: 43 Resp: 244842
Ion Ratio Lower Upper
43 100
61 17.7 16.2 24.2
87 11.9 10.9 16.3



#50
Toluene-d8
Concen: 45.68 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050713.D
Acq: 16 Aug 2018 20:04

Tgt Ion: 98 Resp: 1379029
Ion Ratio Lower Upper
98 100
100 63.2 51.8 77.8





#59

2-Hexanone

Concen: 3.35 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050713.D

Acq: 16 Aug 2018 20:04

Instrument :

MSVOA_N

ClientSampled :

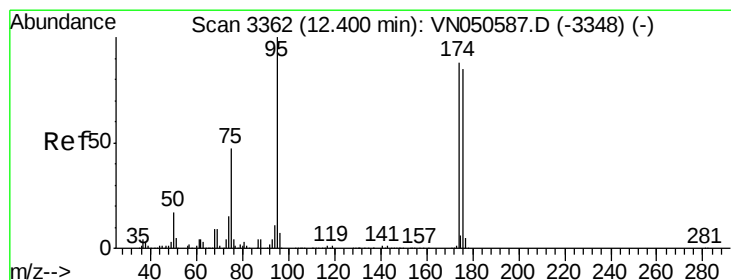
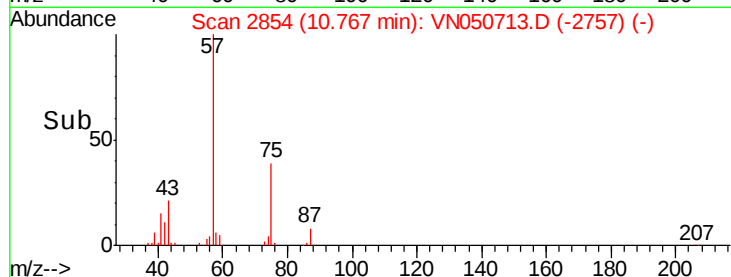
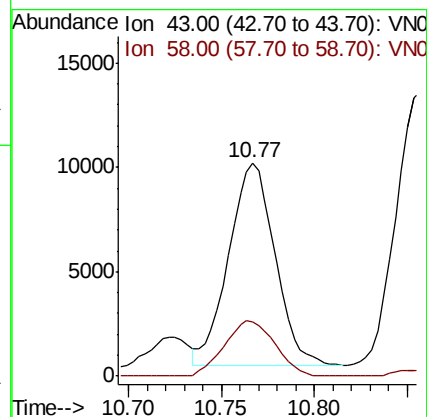
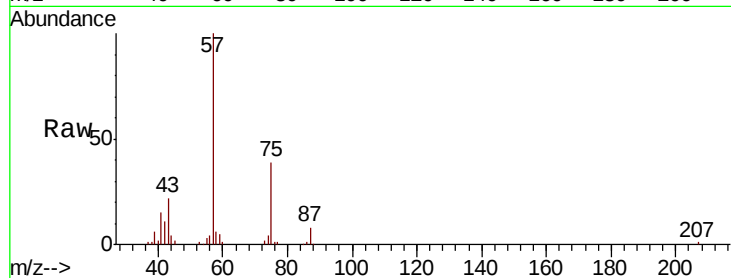
TP-2

Tot Ion: 43 Resp: 16827

Ion Ratio Lower Upper

43 100

58 29.6 28.0 84.0



#62

4-Bromofluorobenzene

Concen: 37.73 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050713.D

Acq: 16 Aug 2018 20:04

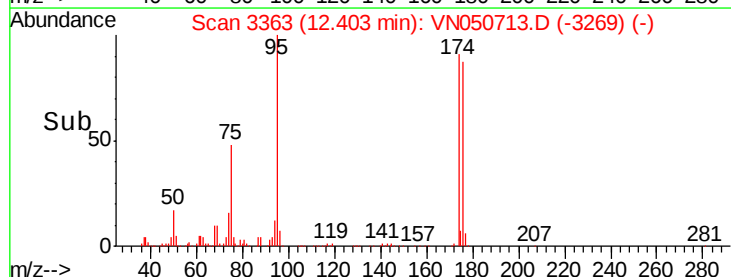
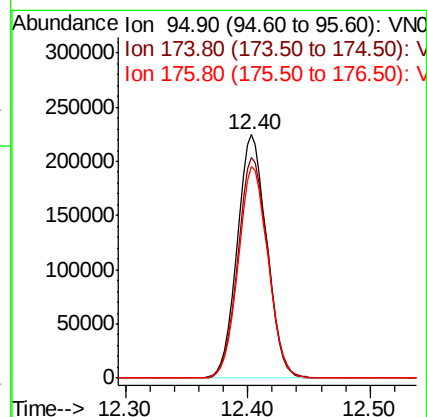
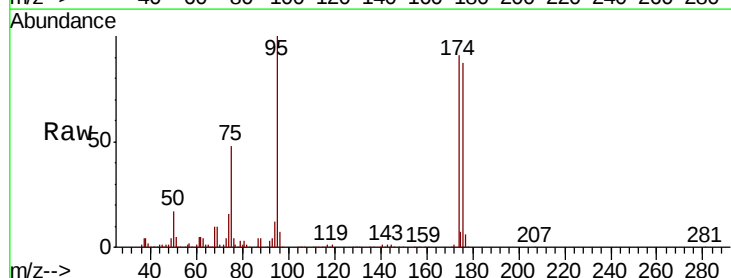
Tgt Ion: 95 Resp: 376304

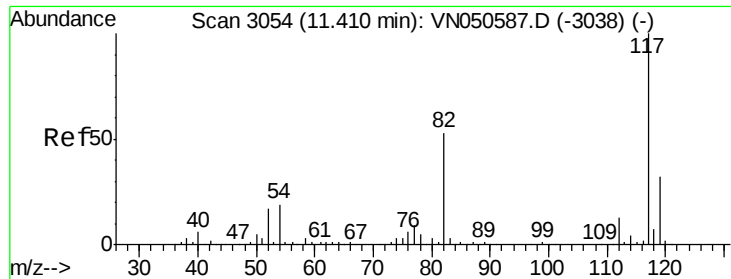
Ion Ratio Lower Upper

95 100

174 92.5 0.0 177.8

176 87.7 0.0 175.0

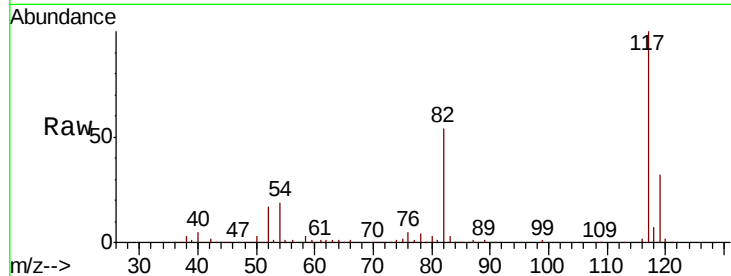




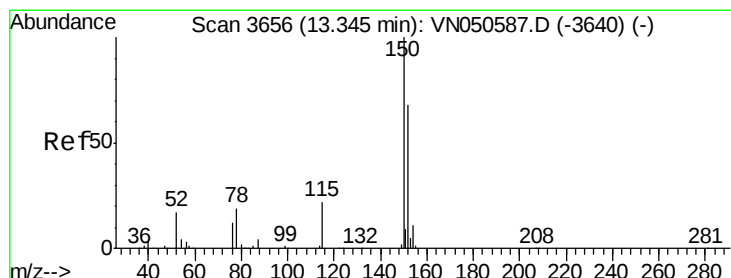
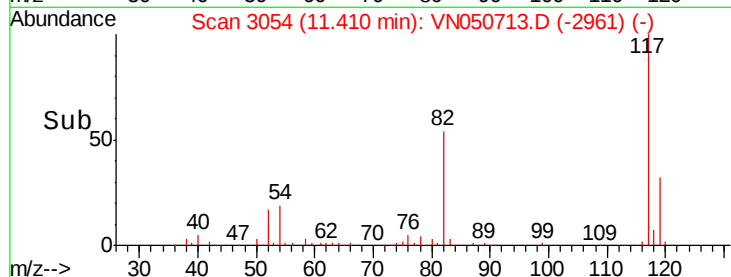
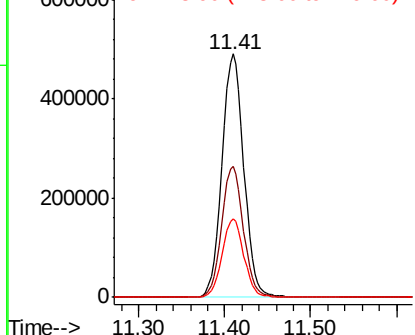
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050713.D
Acq: 16 Aug 2018 20:04

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tot Ion:117 Resp: 863205
Ion Ratio Lower Upper
117 100
82 53.7 42.4 63.6
119 32.2 25.8 38.8

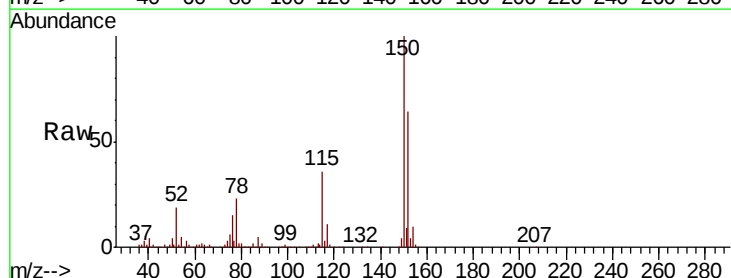


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

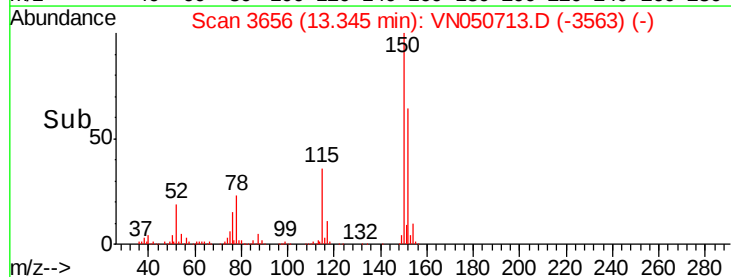
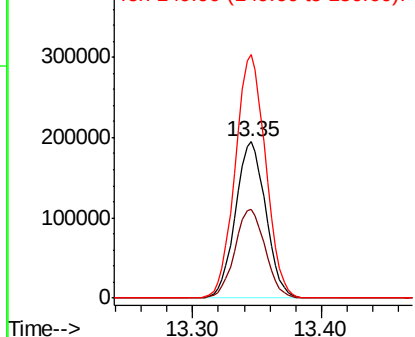


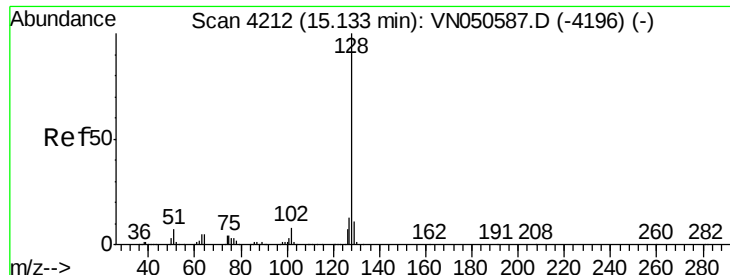
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050713.D
Acq: 16 Aug 2018 20:04

Tgt Ion:152 Resp: 316696
Ion Ratio Lower Upper
152 100
115 57.3 28.1 84.2
150 156.9 0.0 347.8



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: 5.63 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050713.D
Acq: 16 Aug 2018 20:04

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.3	15.5
129	10.6	8.5	12.7

