

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050343.D
 Acq On : 4 Aug 2018 4:39
 Operator : MD\SY
 Sample : J4313-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C-6

Quant Time: Aug 04 06:37:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

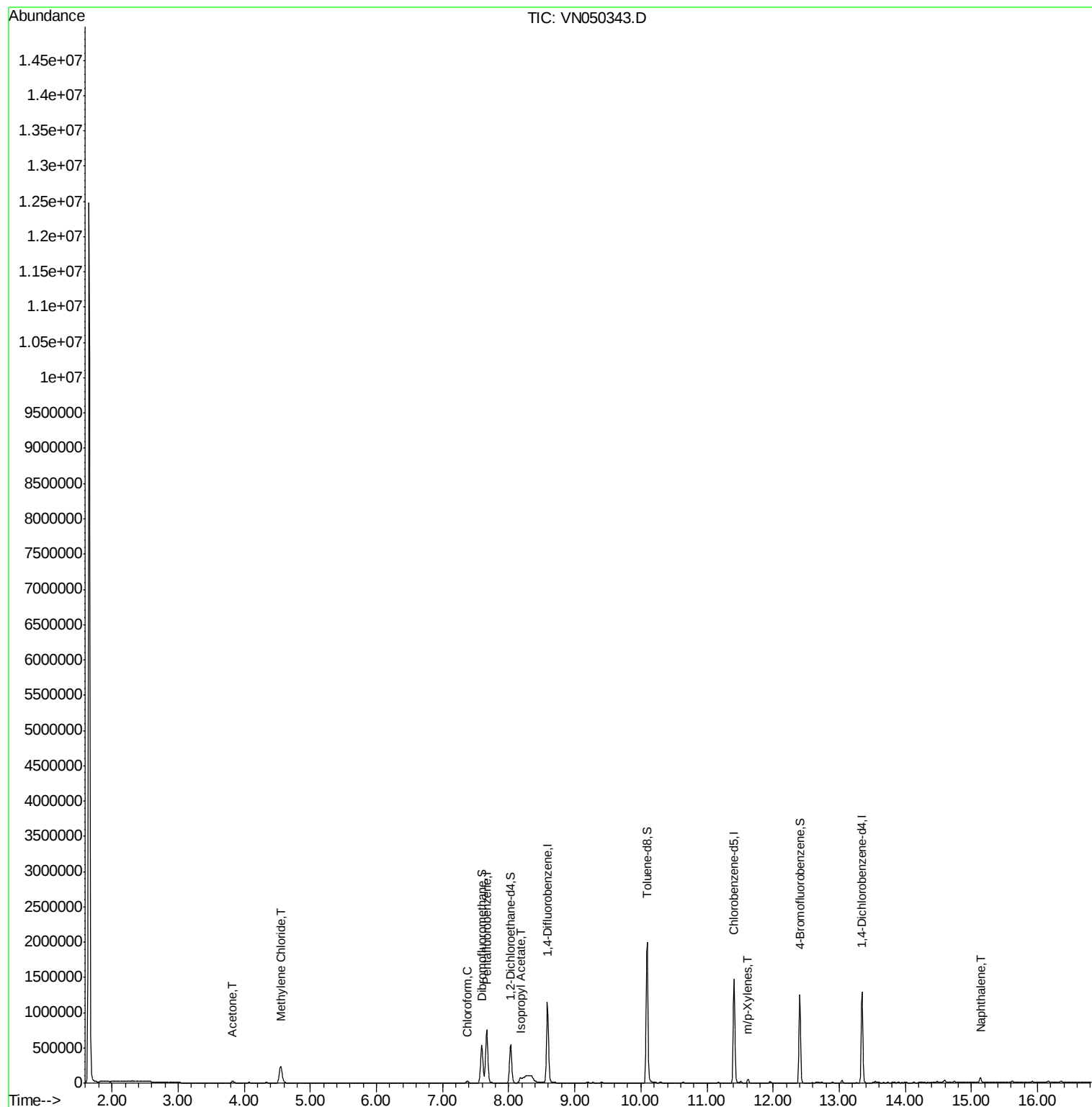
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	642722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1063544	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	903086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	367357	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	456380	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
35) Dibromofluoromethane	7.59	113	409055	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
50) Toluene-d8	10.09	98	1461130	45.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.54%	
62) 4-Bromofluorobenzene	12.40	95	414229	39.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.82%	
Target Compounds						
16) Acetone	3.83	43	42310	15.97	ug/l	98
20) Methylene Chloride	4.55	84	191126	23.37	ug/l	98
30) Chloroform	7.37	83	25178	1.66	ug/l	98
43) Isopropyl Acetate	8.17	43	86754	4.47	ug/l #	82
68) m/p-Xylenes	11.62	106	16580	1.20	ug/l	100
95) Naphthalene	15.14	128	62665	7.82	ug/l	100

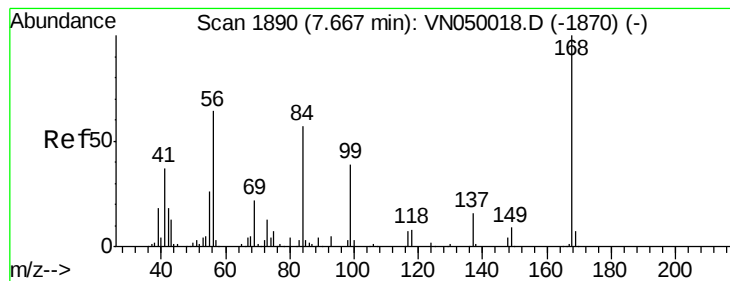
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050343.D

Acq: 4 Aug 2018 4:39

Instrument :

MSVOA_N

ClientSampleId :

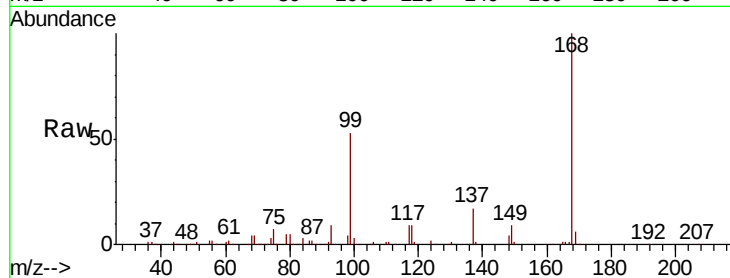
C-6

Tot Ion:168 Resp: 642722

Ion Ratio Lower Upper

168 100

99 52.7 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050343.D (-1798) (-)

Ion 98.90 (98.60 to 99.60): VN050343.D (-1798) (-)

7.67

250000

200000

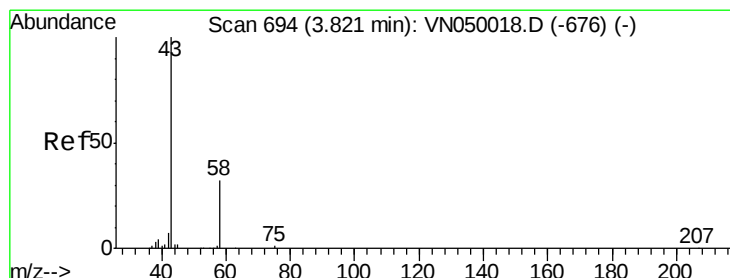
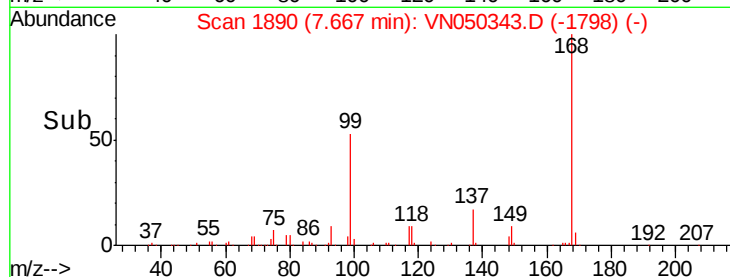
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#16

Acetone

Concen: 15.97 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050343.D

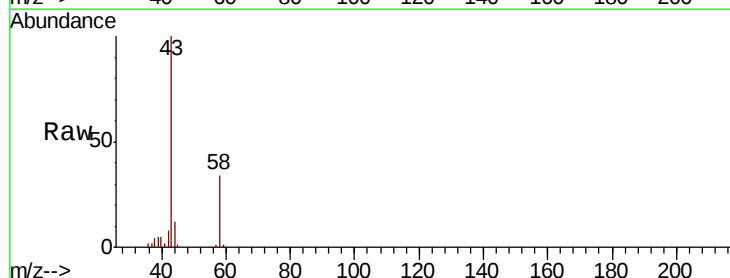
Acq: 4 Aug 2018 4:39

Tgt Ion: 43 Resp: 42310

Ion Ratio Lower Upper

43 100

58 33.7 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050343.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN050343.D (-601) (-)

3.83

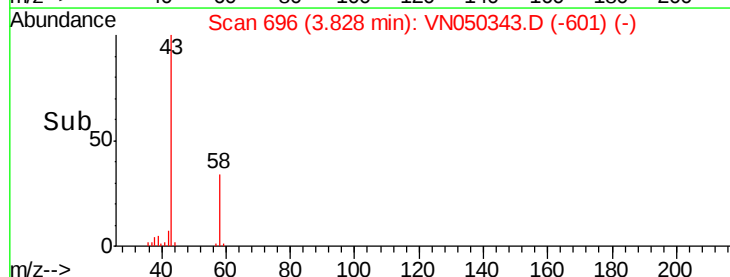
15000

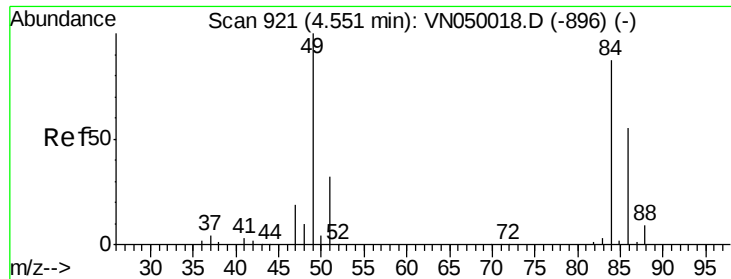
10000

5000

0

Time--> 3.70 3.80 3.90

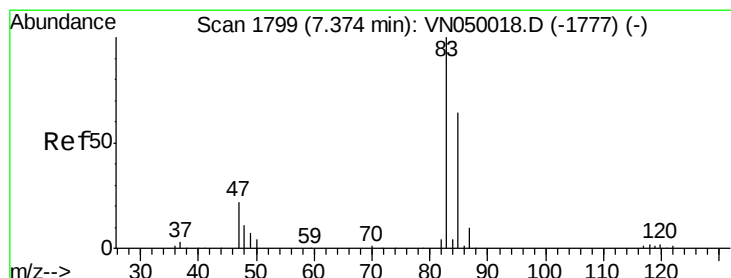
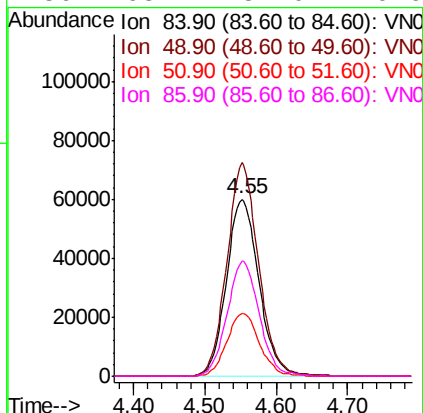
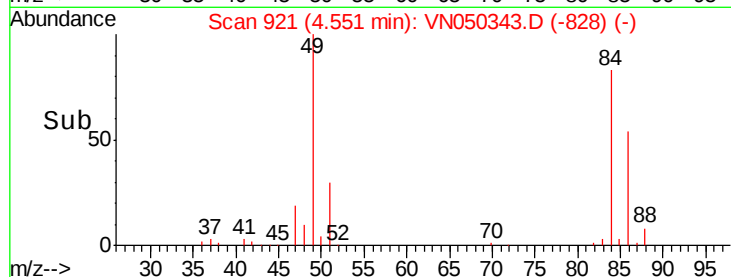
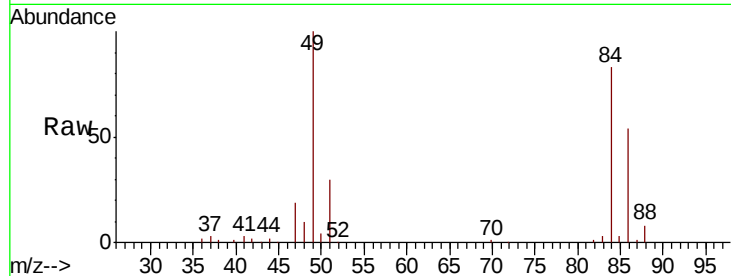




#20
Methvlene Chloride
Concen: 23.37 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050343.D
Acq: 4 Aug 2018 4:39

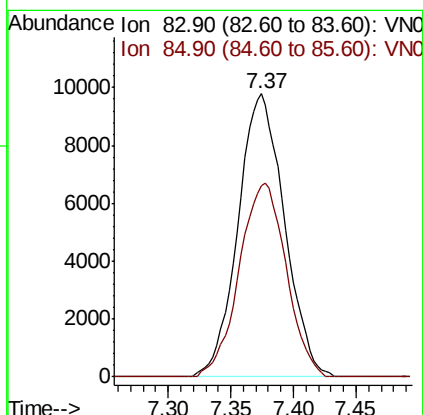
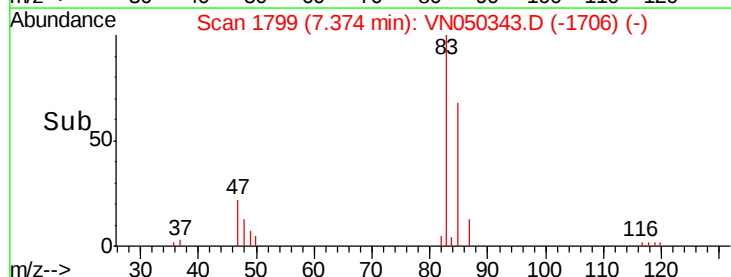
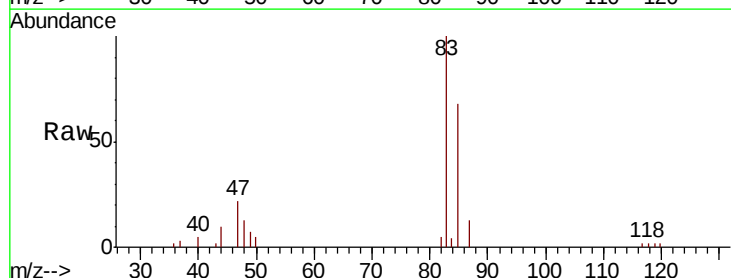
Instrument :
MSVOA_N
ClientSampled :
C-6

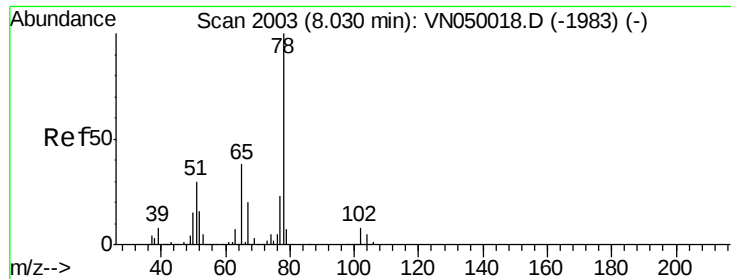
Tot Ion: 84 Resp: 191126
Ion Ratio Lower Upper
84 100
49 120.5 94.8 142.2
51 35.6 28.3 42.5
86 65.1 51.0 76.6



#30
Chloroform
Concen: 1.66 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN050343.D
Acq: 4 Aug 2018 4:39

Tgt Ion: 83 Resp: 25178
Ion Ratio Lower Upper
83 100
85 67.5 52.5 78.7

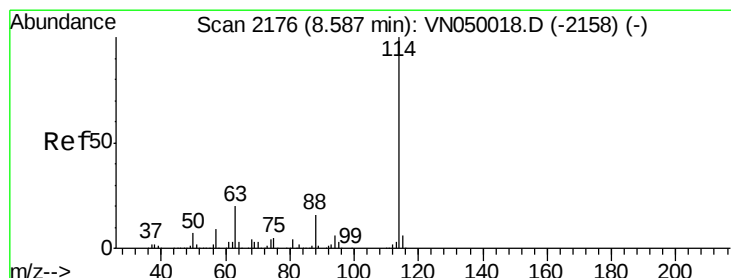
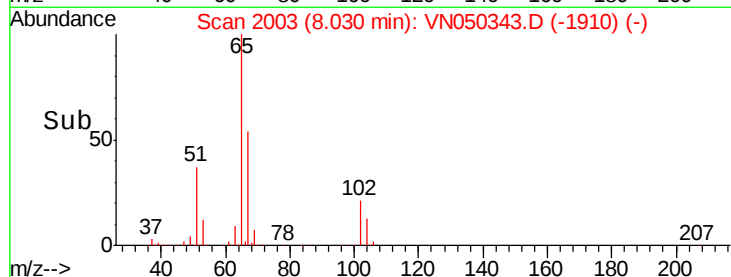
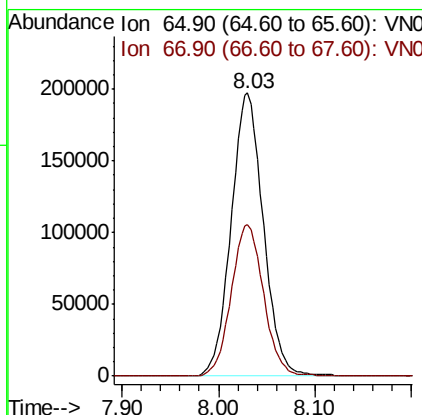
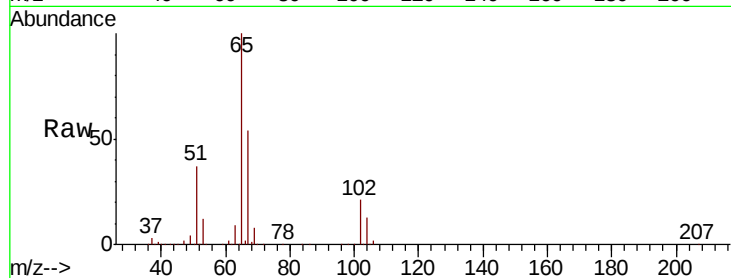




#33
 1,2-Dichloroethane-d4
 Concen: 50.89 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050343.D
 Acq: 4 Aug 2018 4:39

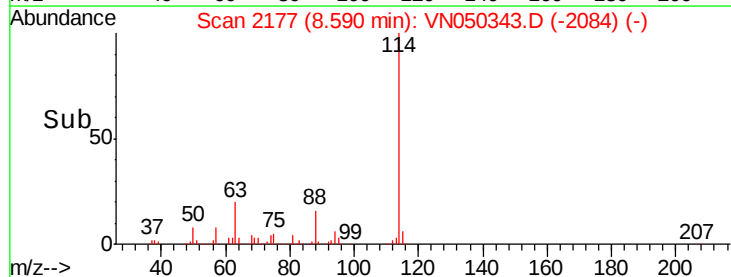
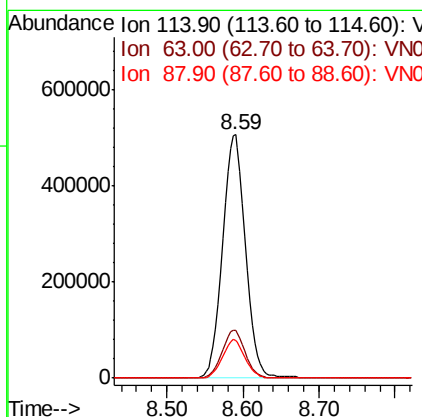
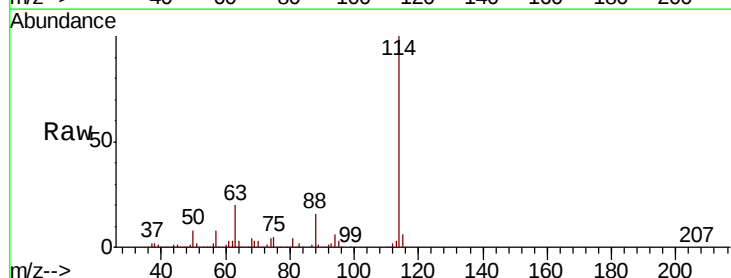
Instrument :
 MSVOA_N
 ClientSampleId :
 C-6

Tot Ion: 65 Resp: 456380
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050343.D
 Acq: 4 Aug 2018 4:39

Tgt Ion: 114 Resp: 1063544
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.6 0.0 31.2

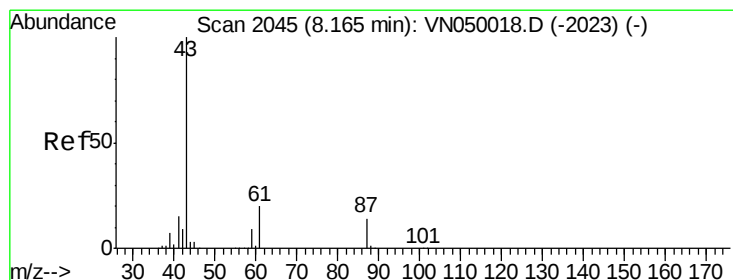
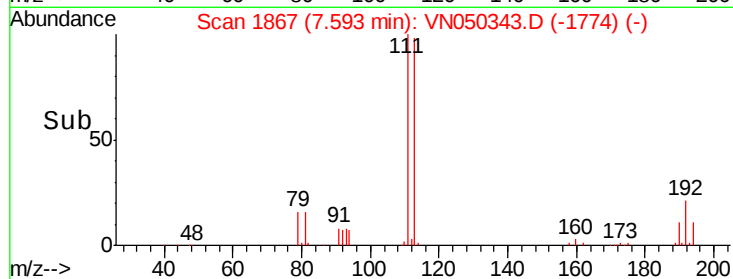
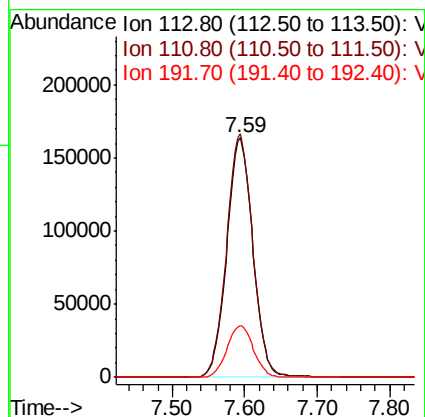
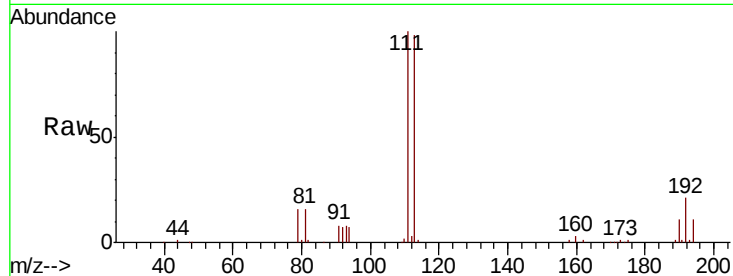




#35
 Dibromofluoromethane
 Concen: 47.11 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050343.D
 Acq: 4 Aug 2018 4:39

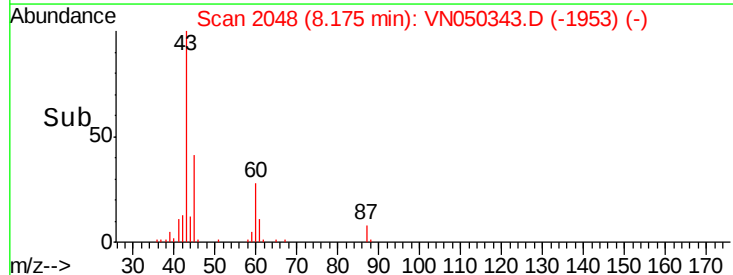
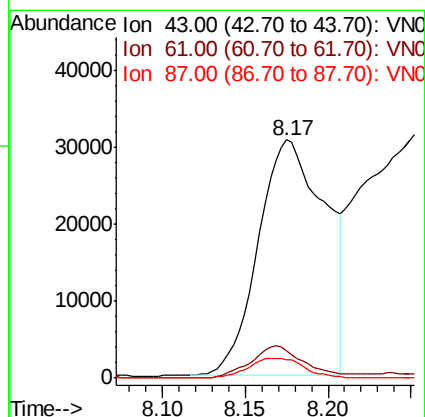
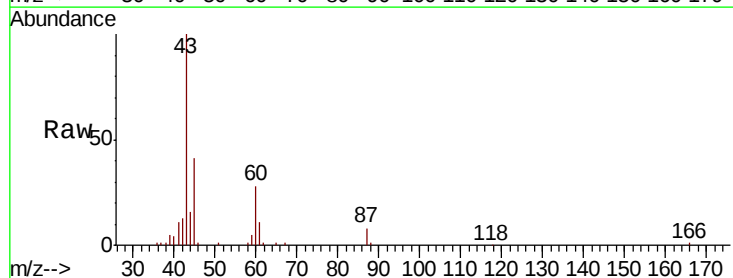
Instrument :
 MSVOA_N
 ClientSampleId :
 C-6

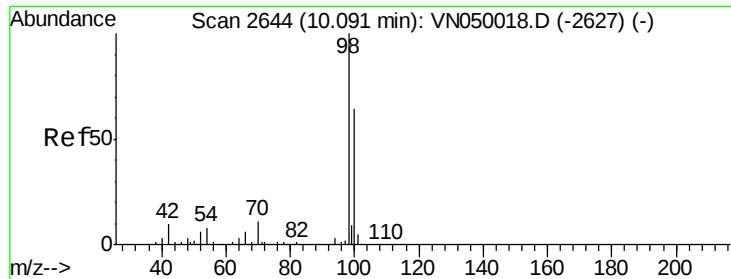
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	80.7	121.1
192	22.0	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 4.47 ug/l
 RT: 8.17 min Scan# 2048
 Delta R.T. 0.01 min
 Lab File: VN050343.D
 Acq: 4 Aug 2018 4:39

Tgt Ion	Ratio	Lower	Upper
43	100		
61	10.7	15.8	23.6#
87	6.9	10.3	15.5#

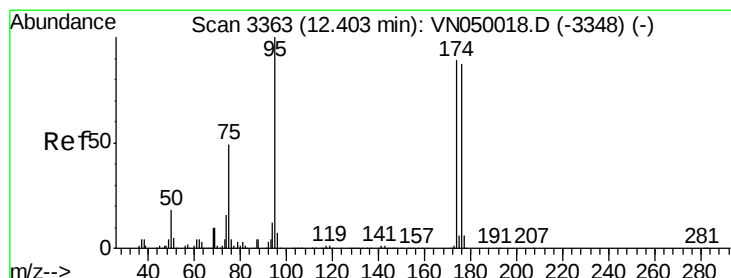
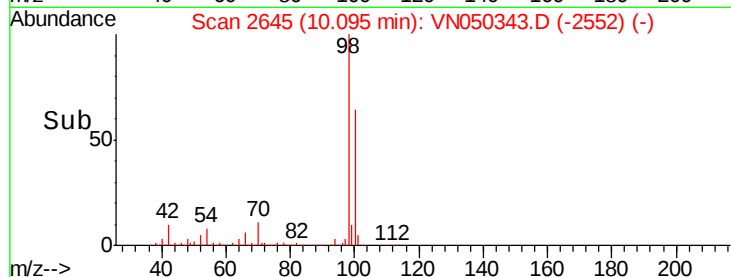
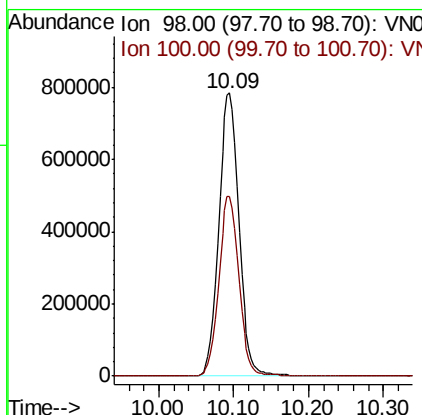
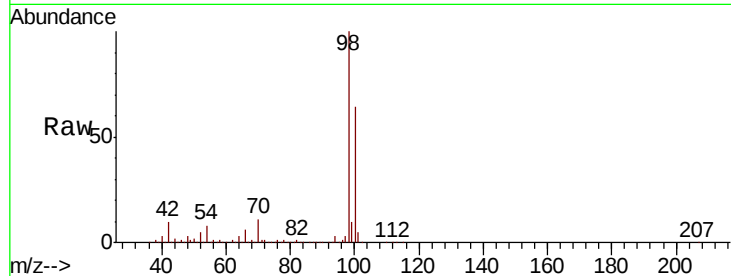




#50
Toluene-d8
Concen: 45.77 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050343.D
Acq: 4 Aug 2018 4:39

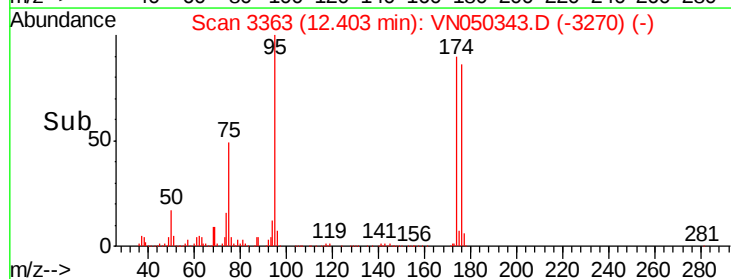
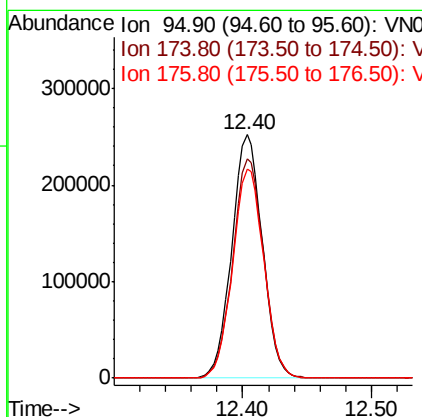
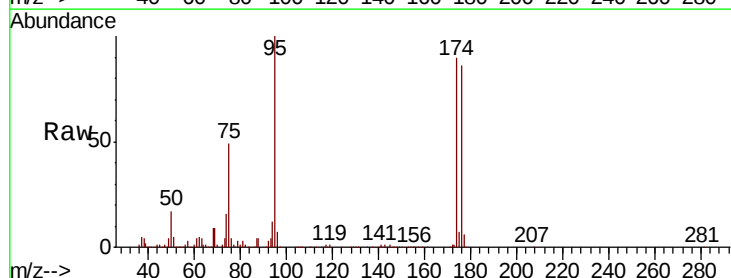
Instrument :
MSVOA_N
ClientSampled :
C-6

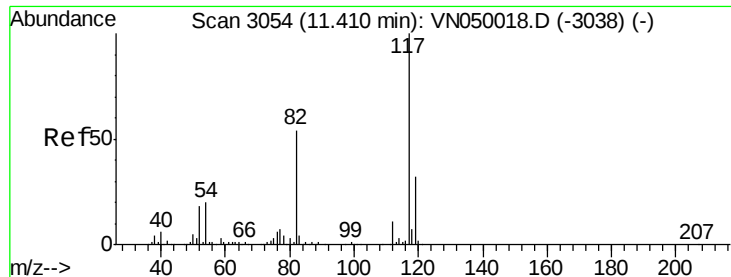
Tot Ion: 98 Resp: 1461130
Ion Ratio Lower Upper
98 100
100 63.3 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 39.41 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050343.D
Acq: 4 Aug 2018 4:39

Tgt Ion: 95 Resp: 414229
Ion Ratio Lower Upper
95 100
174 91.3 0.0 178.2
176 87.8 0.0 173.4

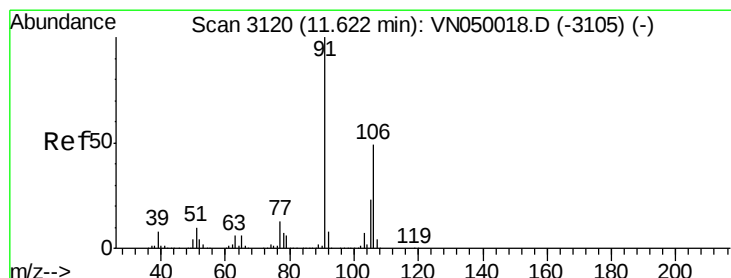
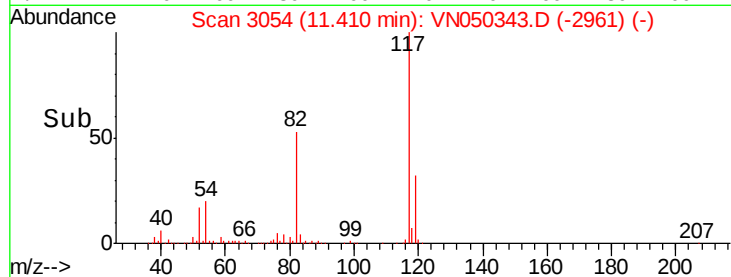
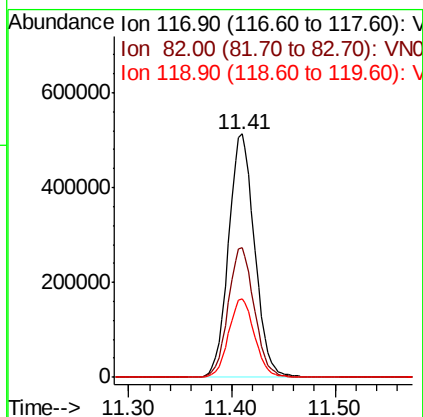
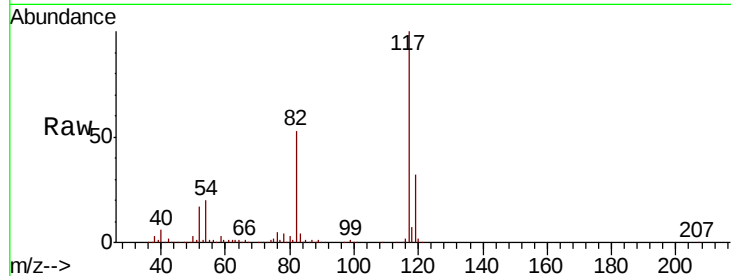




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050343.D
Acq: 4 Aug 2018 4:39

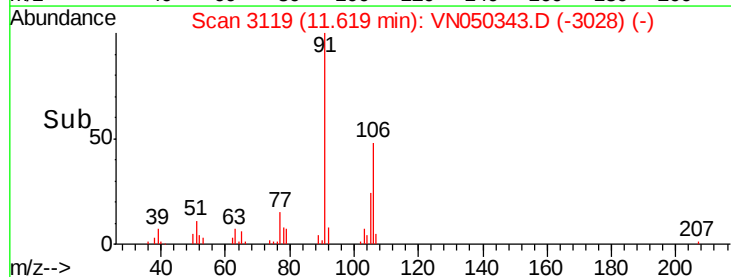
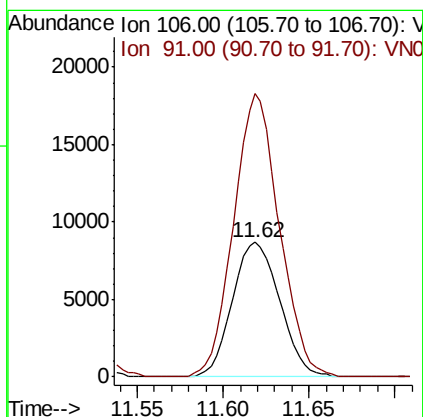
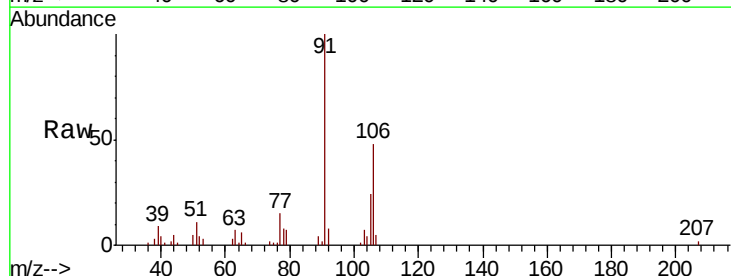
Instrument :
MSVOA_N
ClientSampleId :
C-6

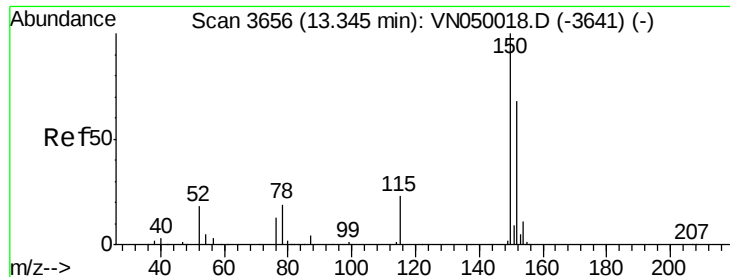
Tot Ion:117 Resp: 903086
Ion Ratio Lower Upper
117 100
82 53.2 43.7 65.5
119 32.4 26.1 39.1



#68
m/p-Xylenes
Concen: 1.20 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.01 min
Lab File: VN050343.D
Acq: 4 Aug 2018 4:39

Tgt Ion:106 Resp: 16580
Ion Ratio Lower Upper
106 100
91 203.2 162.2 243.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050343.D

Acq: 4 Aug 2018 4:39

Instrument :

MSVOA_N

ClientSampled :

C-6

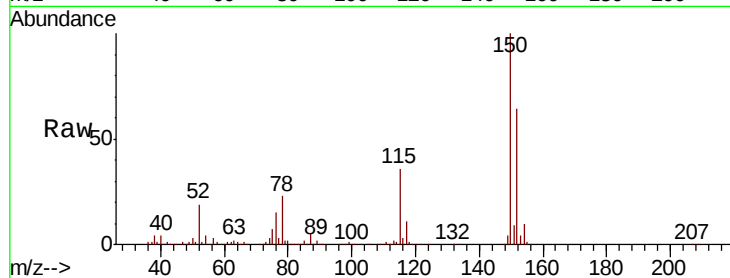
Tot Ion:152 Resp: 367357

Ion Ratio Lower Upper

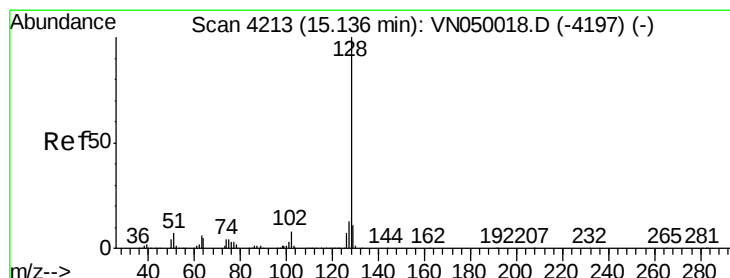
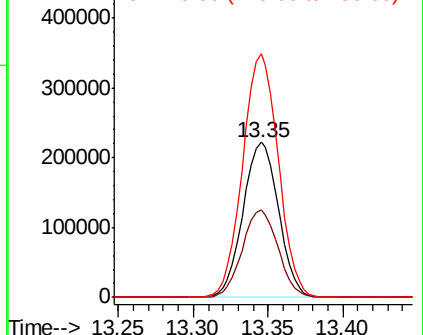
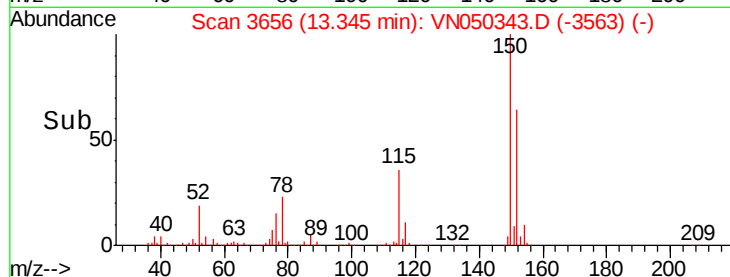
152 100

115 56.8 27.8 83.3

150 157.4 0.0 348.6



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



#95

Naphthalene

Concen: 7.82 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050343.D

Acq: 4 Aug 2018 4:39

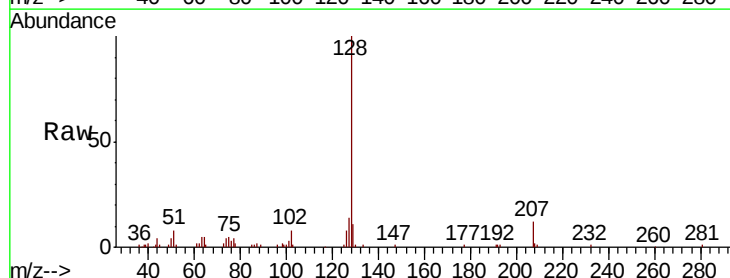
Tgt Ion:128 Resp: 62665

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.8 8.8 13.2



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

