

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050349.D
 Acq On : 4 Aug 2018 7:08
 Operator : MD\SY
 Sample : J4313-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C-12

Quant Time: Aug 06 00:59:03 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

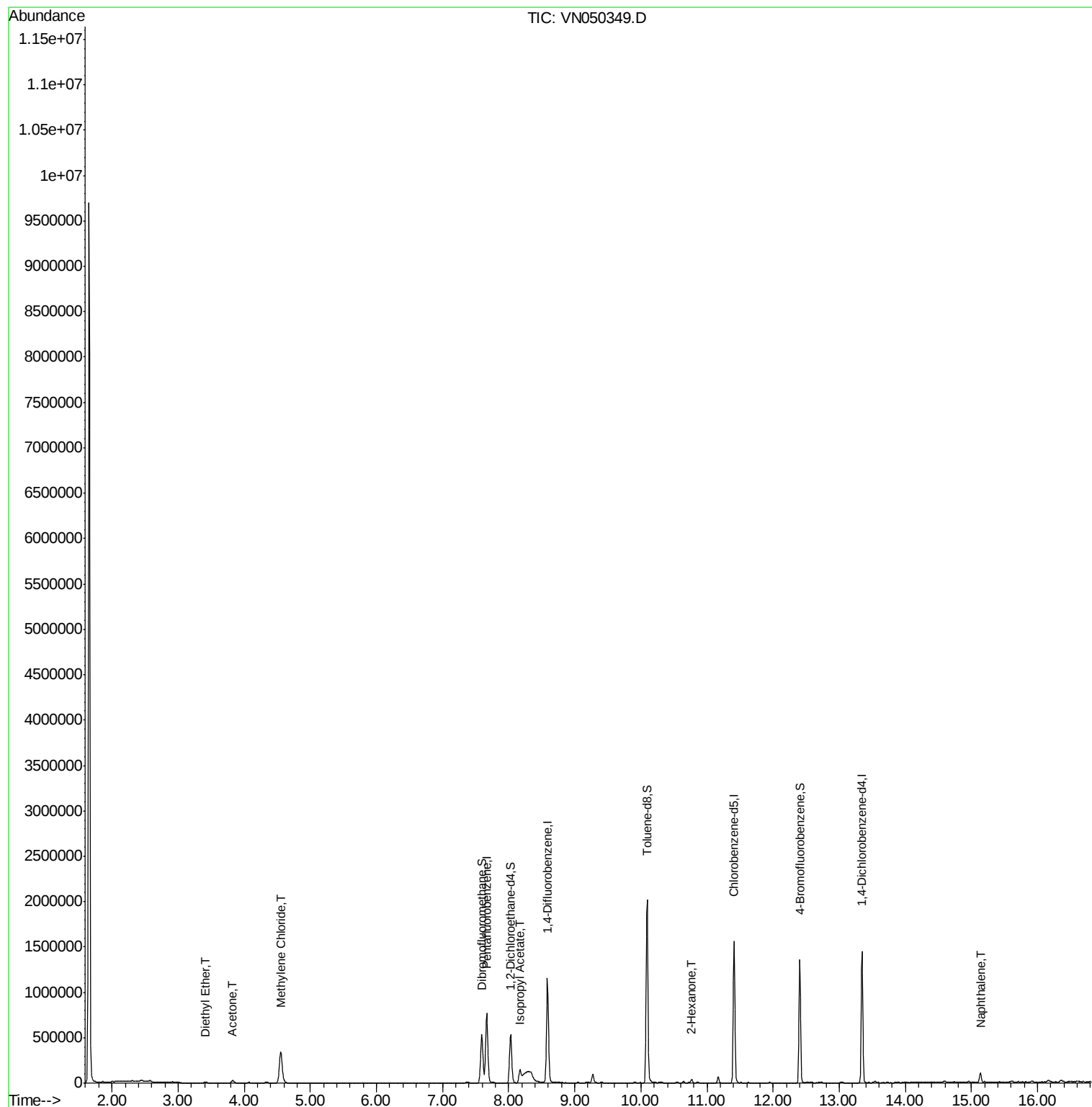
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	655116	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1076551	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	942566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	407799	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	455604	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
35) Dibromofluoromethane	7.59	113	409025	46.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.06%	
50) Toluene-d8	10.09	98	1478178	45.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.48%	
62) 4-Bromofluorobenzene	12.40	95	446399	41.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.90%	
Target Compounds						
8) Diethyl Ether	3.41	74	6729	1.45	ug/l	98
16) Acetone	3.82	43	44225	16.49	ug/l	99
20) Methylene Chloride	4.55	84	274993	33.52	ug/l	100
43) Isopropyl Acetate	8.17	43	182616	10.56	ug/l #	93
59) 2-Hexanone	10.77	43	6310	6.19	ug/l	64
95) Naphthalene	15.14	128	92402	8.94	ug/l	99

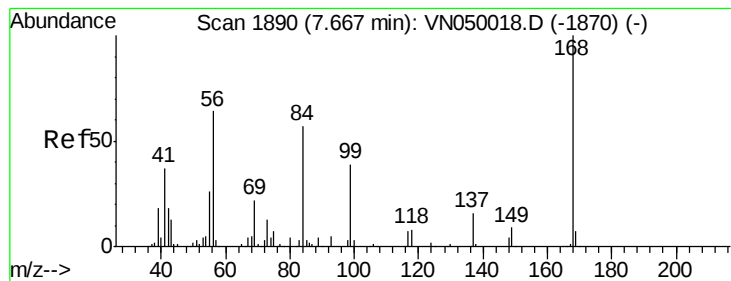
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050349.D

Acq: 4 Aug 2018 7:08

Instrument :

MSVOA_N

ClientSampled :

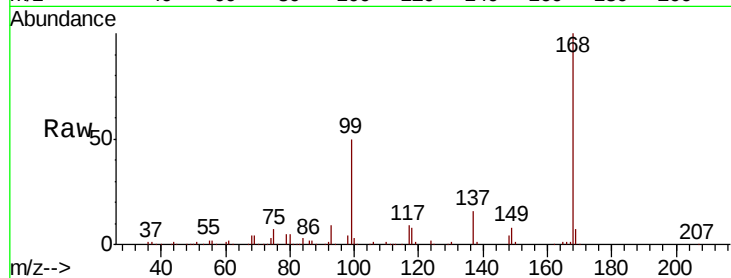
C-12

Tot Ion:168 Resp: 655116

Ion Ratio Lower Upper

168 100

99 50.1 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)

7.67

250000

200000

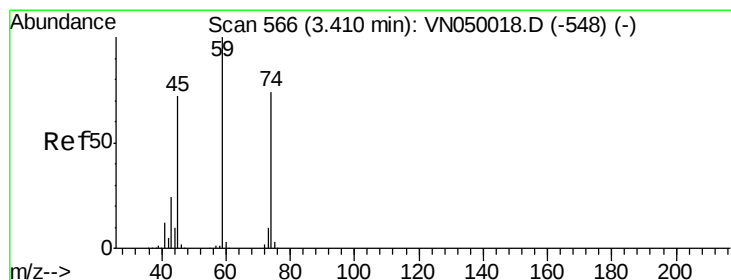
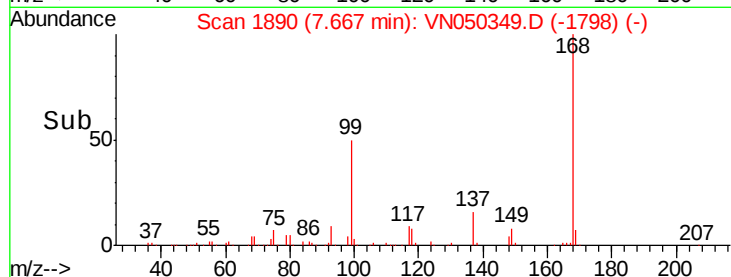
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.45 ug/l

RT: 3.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN050349.D

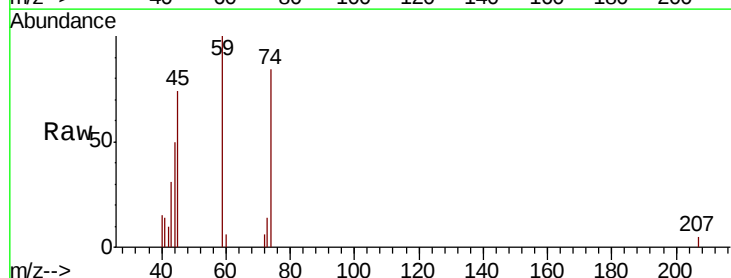
Acq: 4 Aug 2018 7:08

Tgt Ion: 74 Resp: 6729

Ion Ratio Lower Upper

74 100

45 97.0 47.6 142.8



Abundance Ion 74.00 (73.70 to 74.70): VN050018.D (-548) (-)

Ion 45.00 (44.70 to 45.70): VN050018.D (-548) (-)

3.41

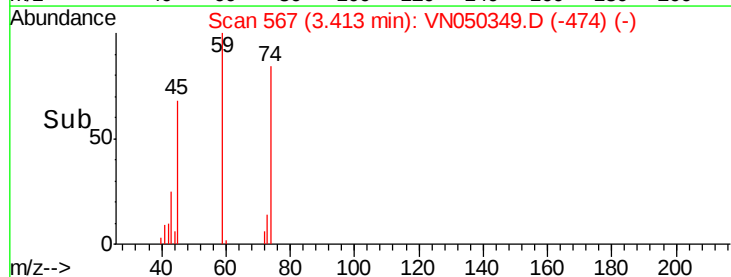
3000

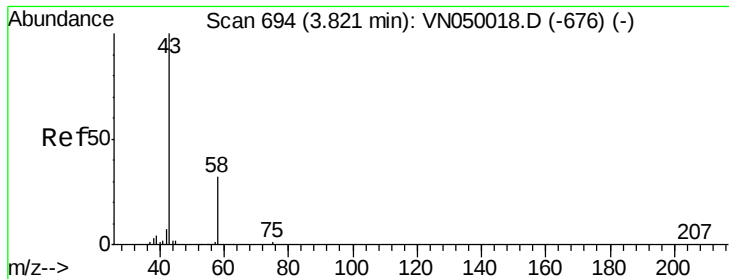
2000

1000

0

Time-->





#16

Acetone

Concen: 16.49 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050349.D

Acq: 4 Aug 2018 7:08

Instrument :

MSVOA_N

ClientSampleId :

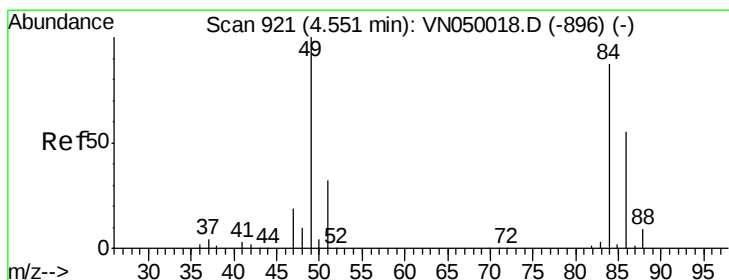
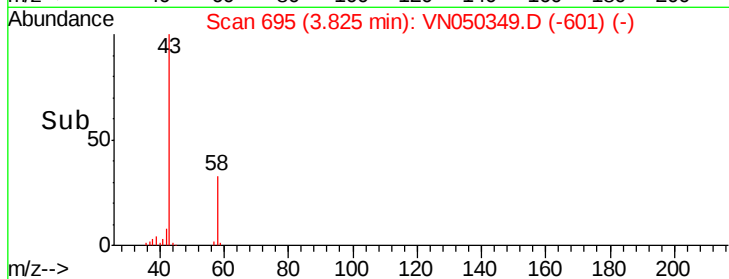
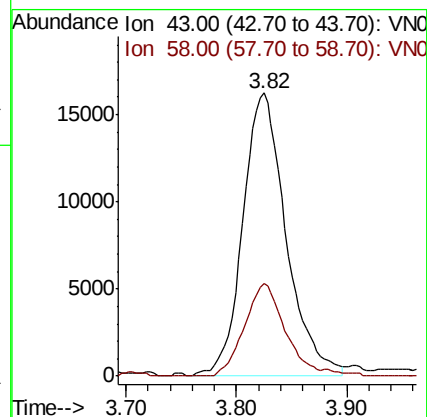
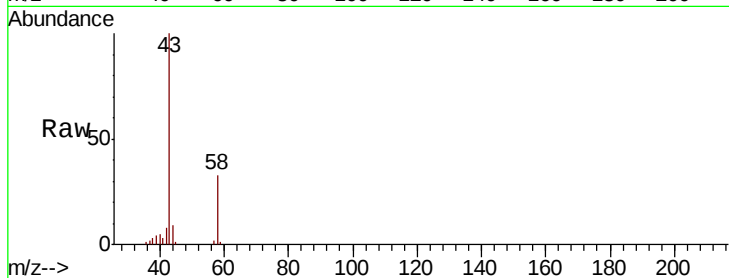
C-12

Tot Ion: 43 Resp: 44225

Ion Ratio Lower Upper

43 100

58 32.8 25.8 38.8



#20

Methylene Chloride

Concen: 33.52 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN050349.D

Acq: 4 Aug 2018 7:08

Tgt Ion: 84 Resp: 274993

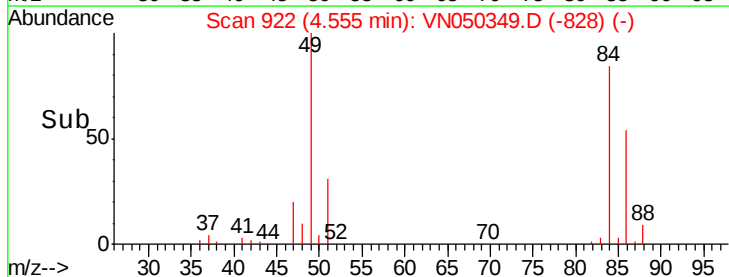
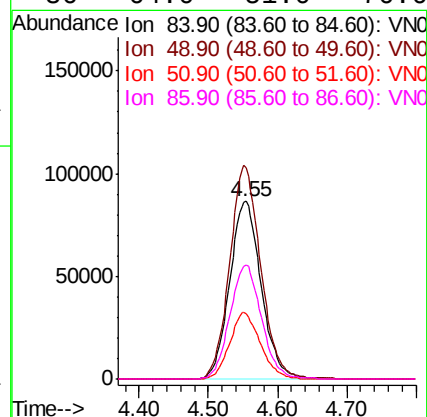
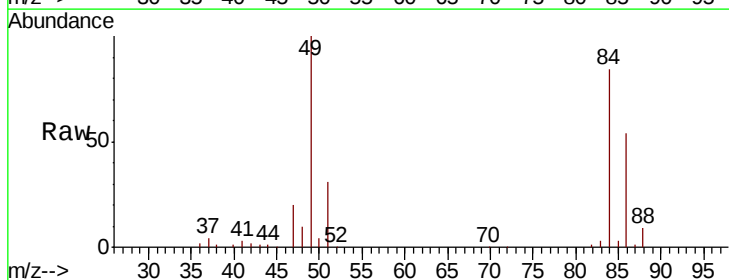
Ion Ratio Lower Upper

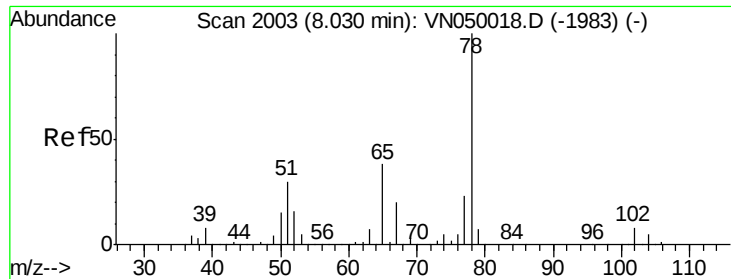
84 100

49 118.7 94.8 142.2

51 36.6 28.3 42.5

86 64.0 51.0 76.6

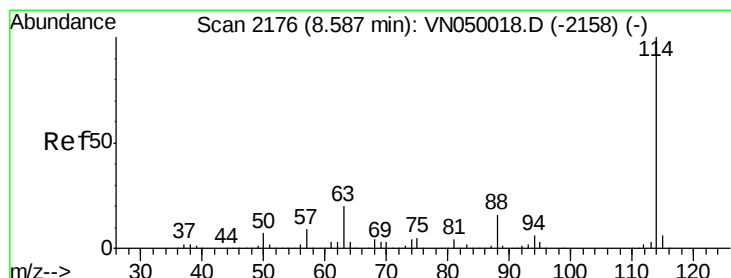
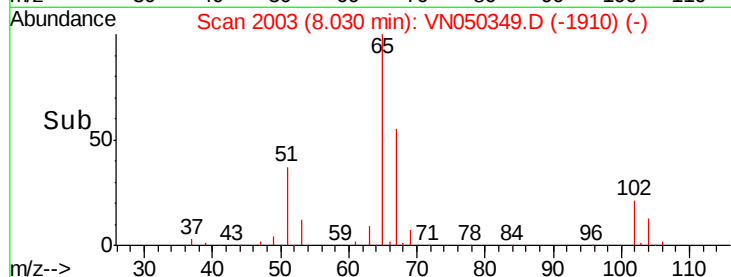
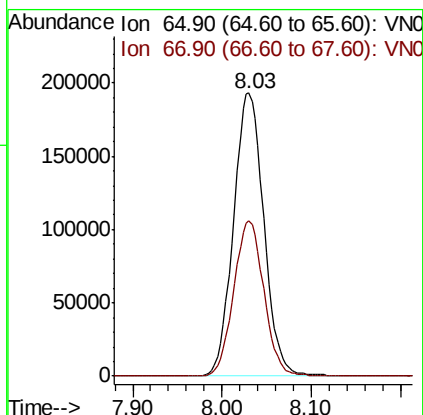
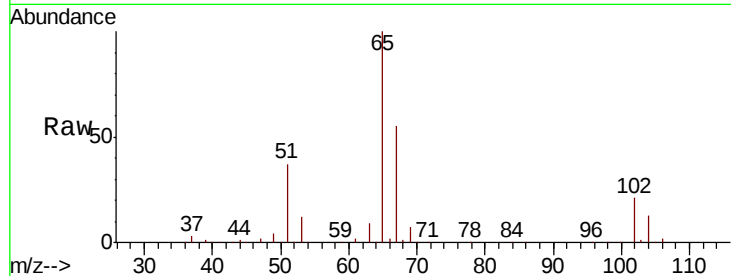




#33
 1,2-Dichloroethane-d4
 Concen: 49.85 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050349.D
 Acq: 4 Aug 2018 7:08

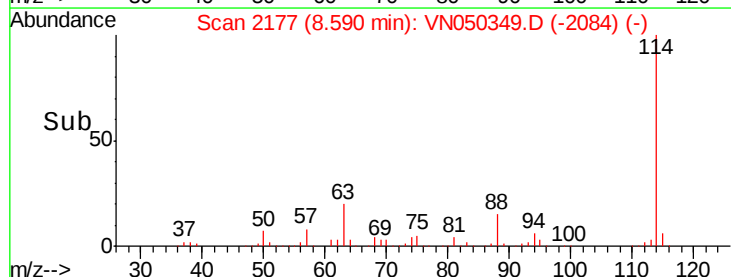
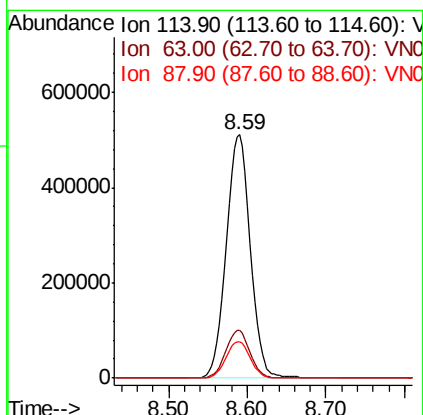
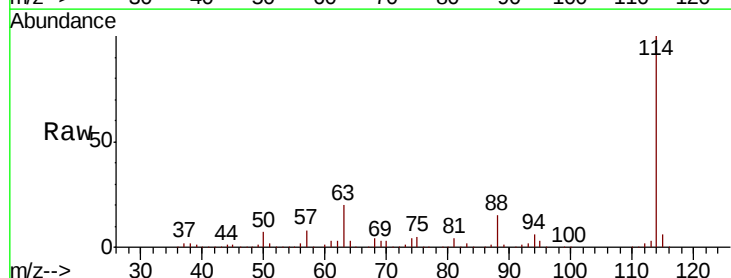
Instrument :
 MSVOA_N
 ClientSampled :
 C-12

Tot Ion: 65 Resp: 455604
 Ion Ratio Lower Upper
 65 100
 67 54.6 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: VN050349.D
 Acq: 4 Aug 2018 7:08

Tgt Ion: 114 Resp: 1076551
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 15.0 0.0 31.2

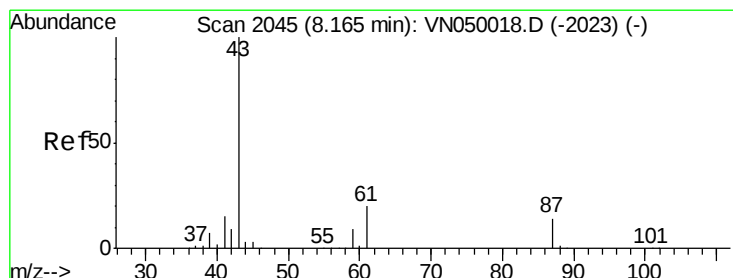
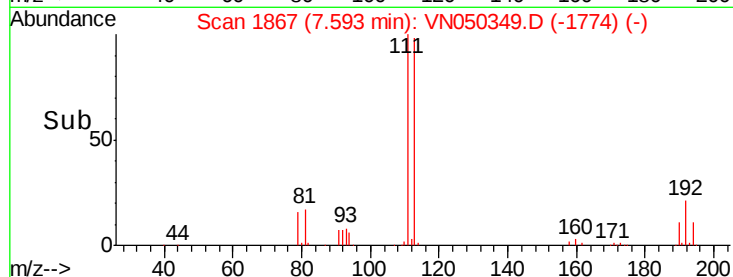
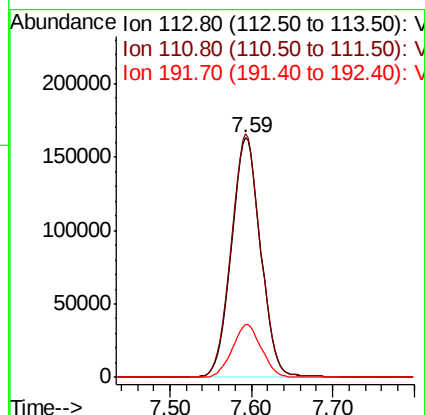
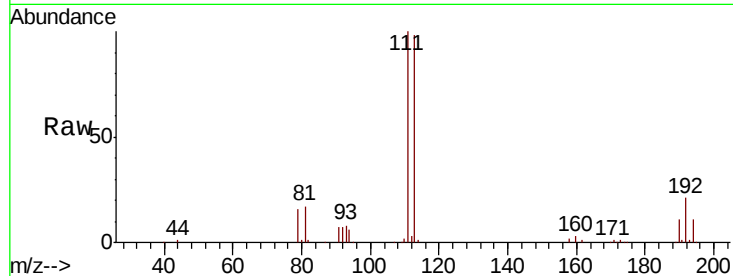




#35
 Dibromofluoromethane
 Concen: 46.53 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050349.D
 Acq: 4 Aug 2018 7:08

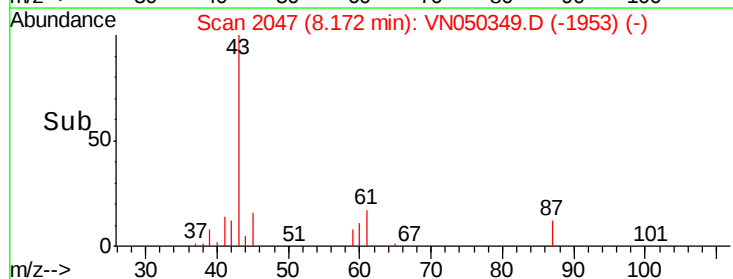
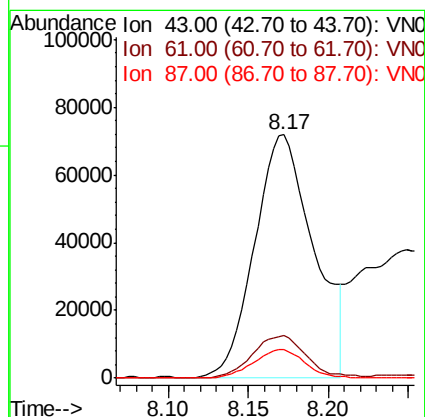
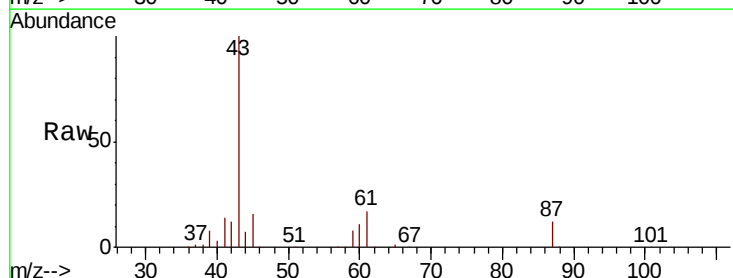
Instrument :
 MSVOA_N
 ClientSampled :
 C-12

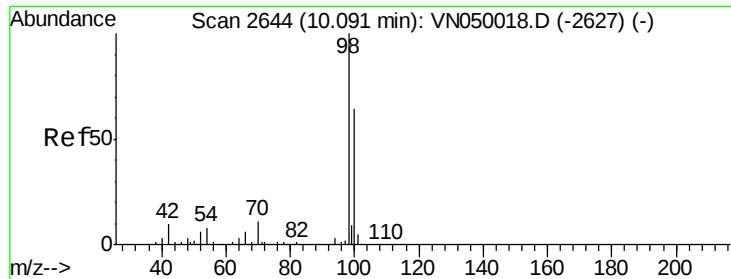
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	80.7	121.1
192	21.9	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 10.56 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN050349.D
 Acq: 4 Aug 2018 7:08

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.1	15.8	23.6
87	10.3	10.3	15.5#

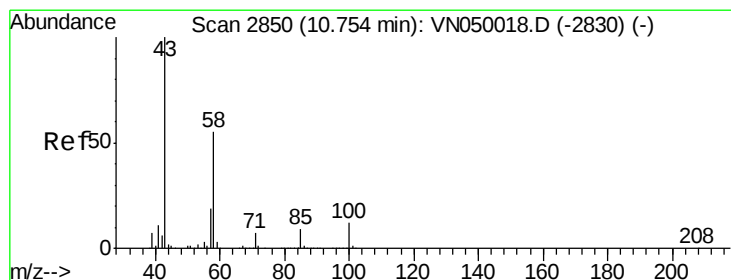
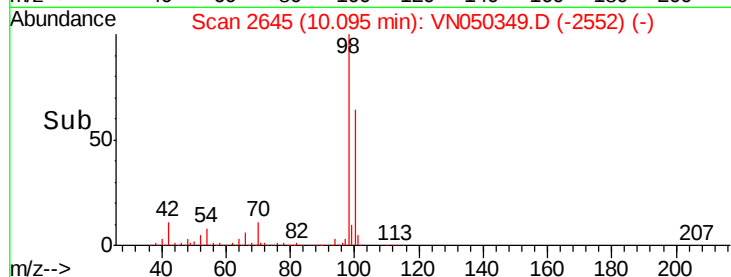
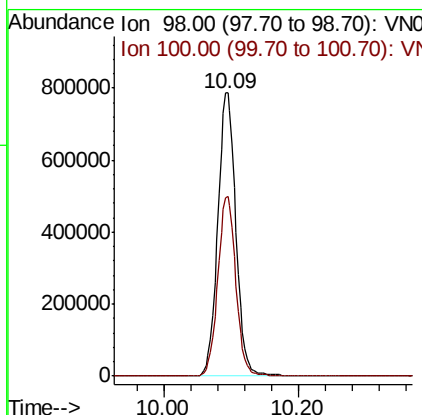
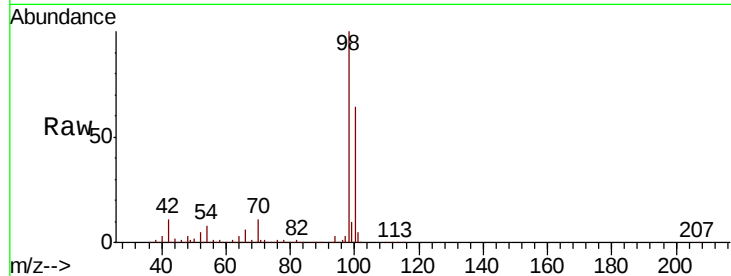




#50
Toluene-d8
Concen: 45.74 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050349.D
Acq: 4 Aug 2018 7:08

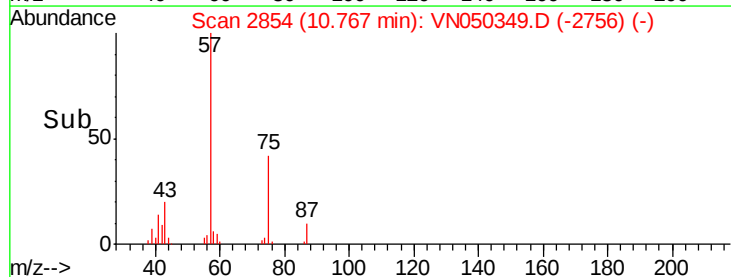
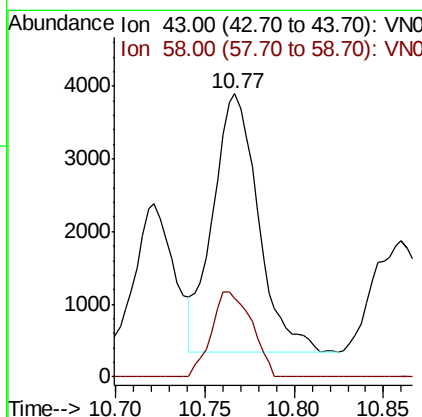
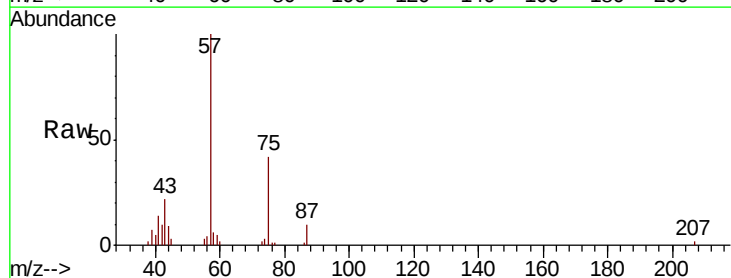
Instrument :
MSVOA_N
ClientSampled :
C-12

Tot Ion: 98 Resp: 1478178
Ion Ratio Lower Upper
98 100
100 63.3 50.7 76.1



#59
2-Hexanone
Concen: 6.19 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050349.D
Acq: 4 Aug 2018 7:08

Tgt Ion: 43 Resp: 6310
Ion Ratio Lower Upper
43 100
58 29.0 27.6 82.7

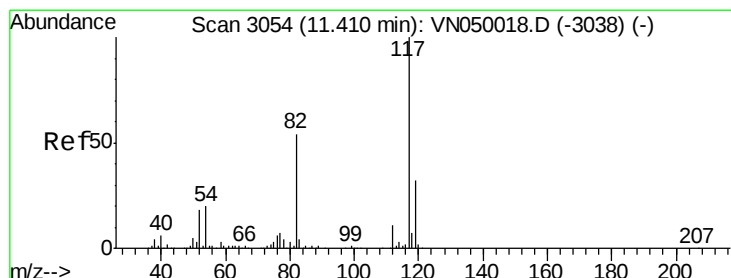
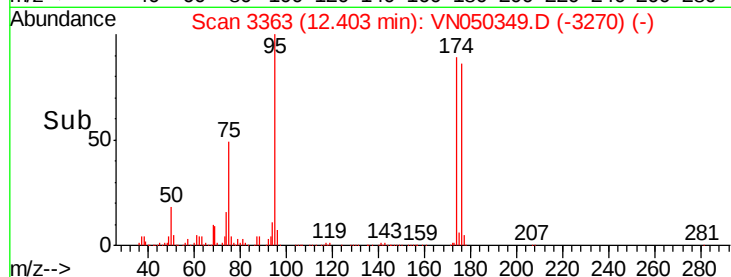
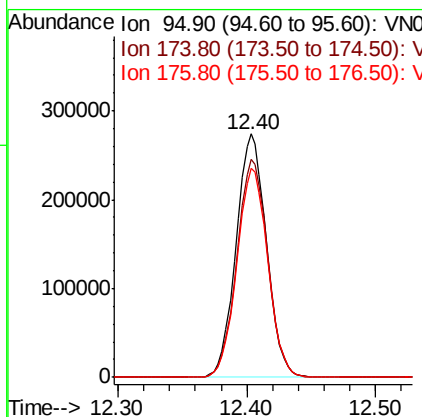
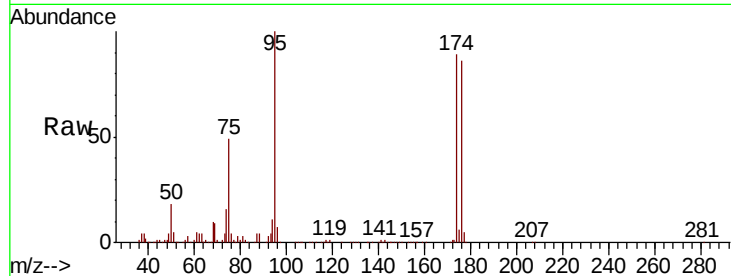




#62
4-Bromofluorobenzene
Concen: 41.95 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050349.D
Acq: 4 Aug 2018 7:08

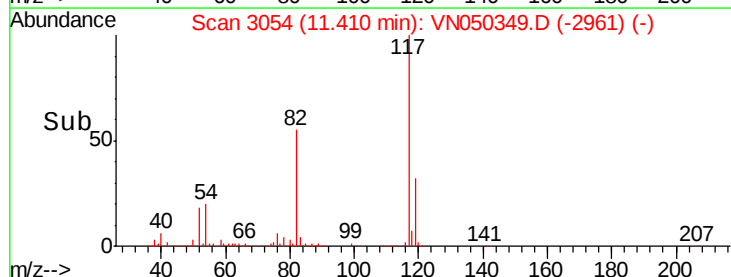
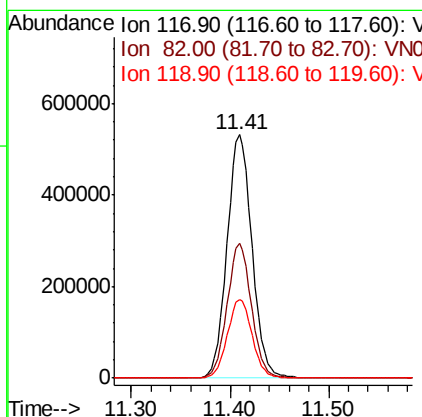
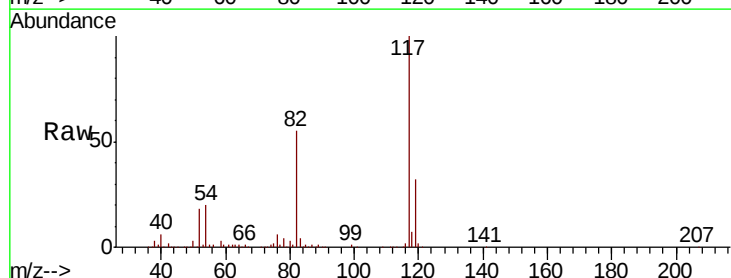
Instrument :
MSVOA_N
ClientSampled :
C-12

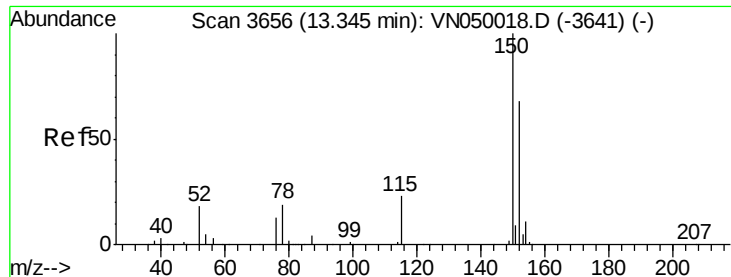
Tot Ion: 95 Resp: 446399
Ion Ratio Lower Upper
95 100
174 91.3 0.0 178.2
176 87.9 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050349.D
Acq: 4 Aug 2018 7:08

Tgt Ion: 117 Resp: 942566
Ion Ratio Lower Upper
117 100
82 55.4 43.7 65.5
119 32.5 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050349.D

Acq: 4 Aug 2018 7:08

Instrument :

MSVOA_N

ClientSampleId :

C-12

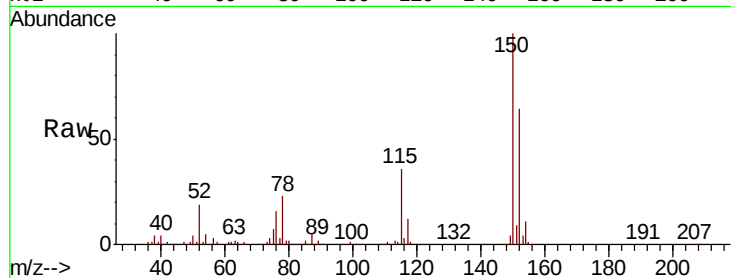
Tot Ion:152 Resp: 407799

Ion Ratio Lower Upper

152 100

115 56.6 27.8 83.3

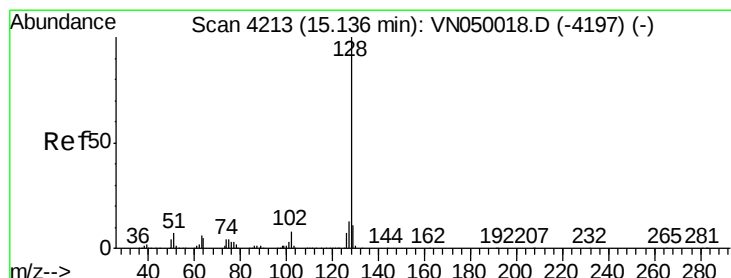
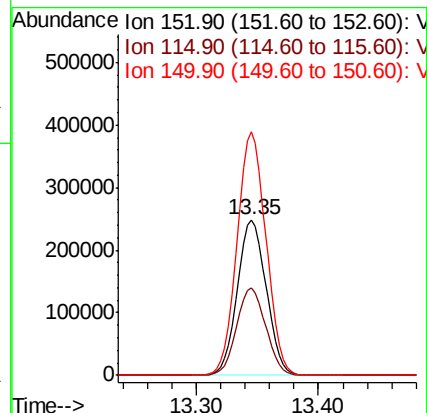
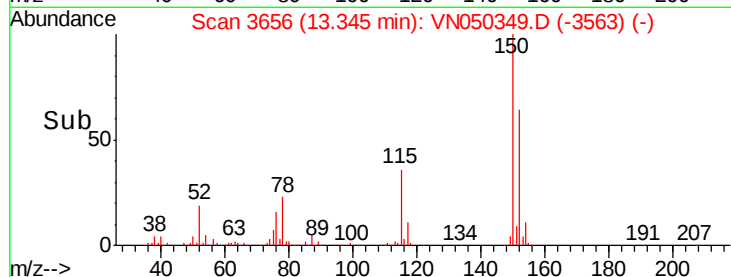
150 157.0 0.0 348.6



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: 8.94 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050349.D

Acq: 4 Aug 2018 7:08

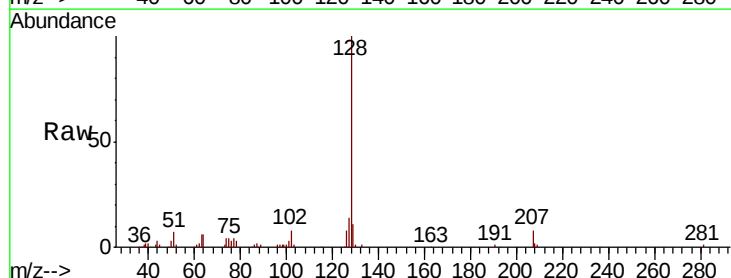
Tgt Ion:128 Resp: 92402

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

129 11.2 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

