

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071918\
 Data File : VN049948.D
 Acq On : 20 Jul 2018 5:50
 Operator : MD\SY
 Sample : J4030-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB1-12-0

Quant Time: Jul 20 06:49:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	549980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	929106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	776323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	275794	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	401486	53.11	ug/l	0.00
Spiked Amount						
			Recovery	=	106.22%	
35) Dibromofluoromethane	7.59	113	353067	45.27	ug/l	0.00
Spiked Amount						
			Recovery	=	90.54%	
50) Toluene-d8	10.09	98	1244502	43.79	ug/l	0.00
Spiked Amount						
			Recovery	=	87.58%	
62) 4-Bromofluorobenzene	12.40	95	335947	34.32	ug/l	0.00
Spiked Amount						
			Recovery	=	68.64%	

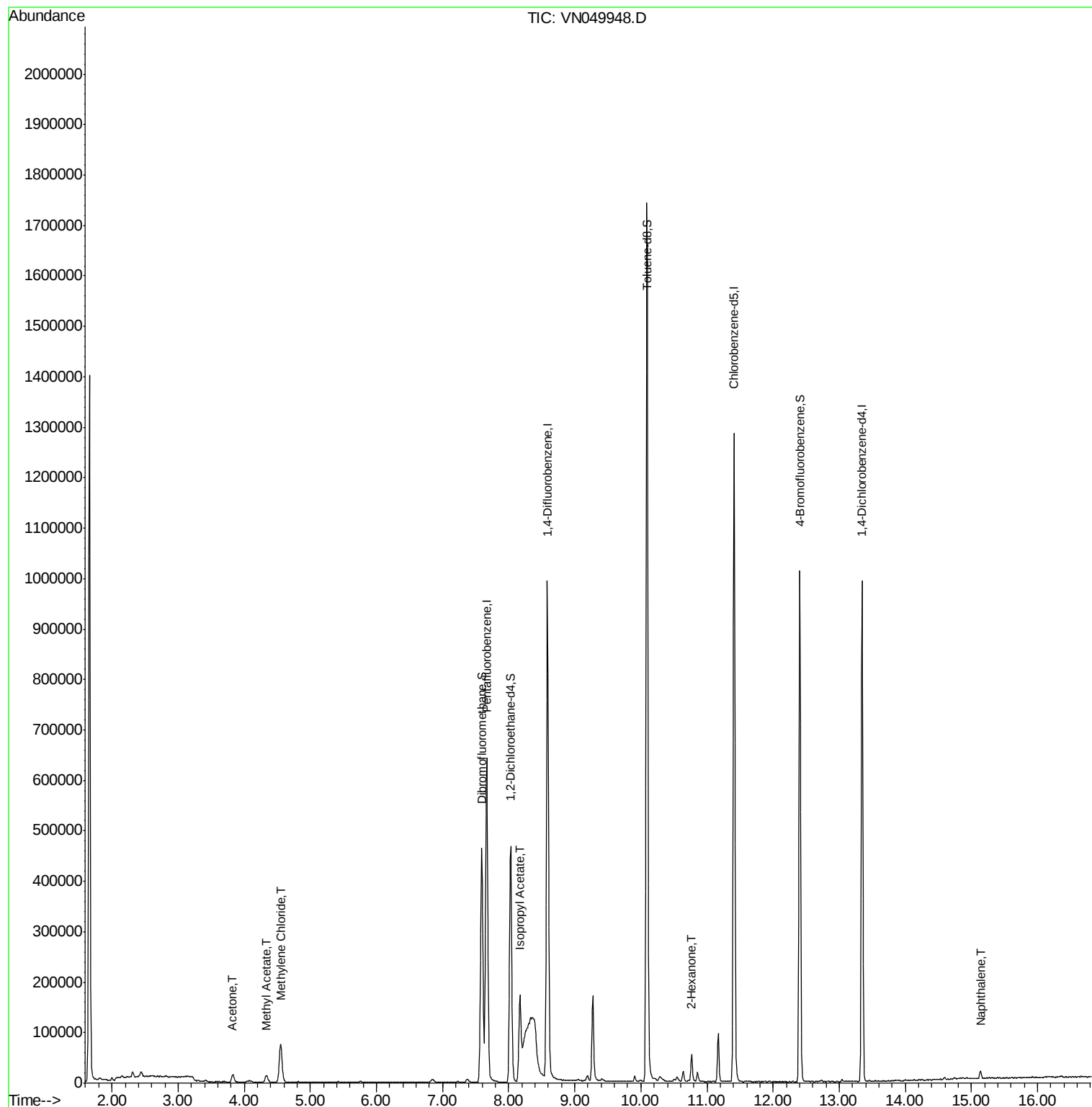
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	24602	12.57	ug/l	100
18) Methyl Acetate	4.34	43	27969	3.78	ug/l	95
20) Methylene Chloride	4.55	84	56140	7.54	ug/l	98
43) Isopropyl Acetate	8.17	43	216226	17.45	ug/l	97
59) 2-Hexanone	10.77	43	7400	1.59	ug/l #	59
95) Naphthalene	15.14	128	13371	5.42	ug/l #	92

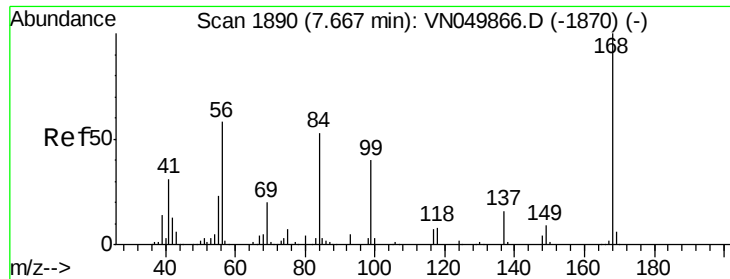
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN071918\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049948.D

Acq: 20 Jul 2018 5:50

Instrument :

MSVOA_N

ClientSampled :

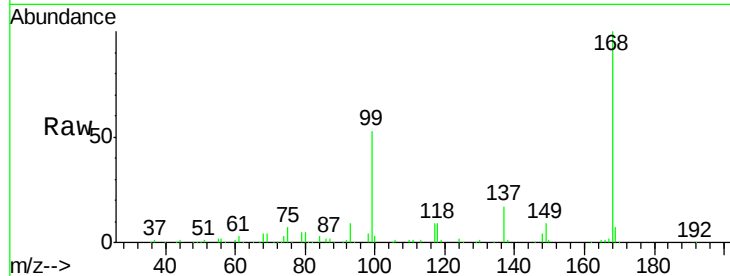
SB1-12-0

Tot Ion:168 Resp: 549980

Ion Ratio Lower Upper

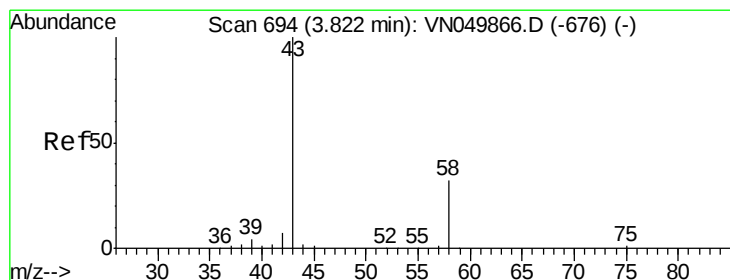
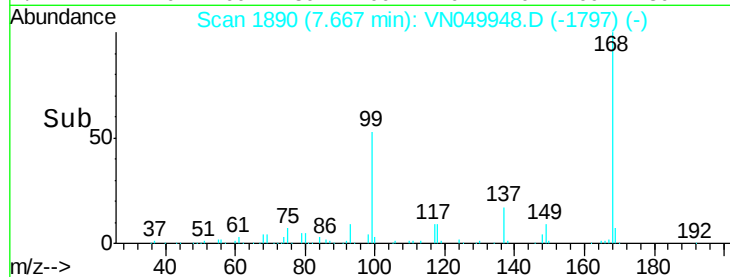
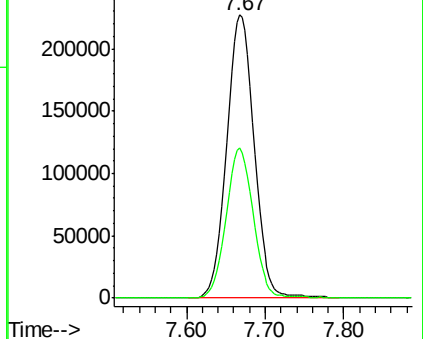
168 100

99 52.9 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 12.57 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049948.D

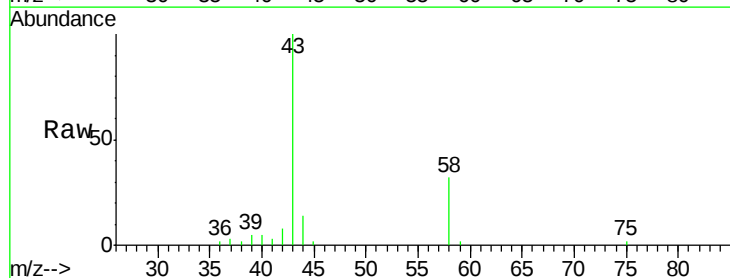
Acq: 20 Jul 2018 5:50

Tgt Ion: 43 Resp: 24602

Ion Ratio Lower Upper

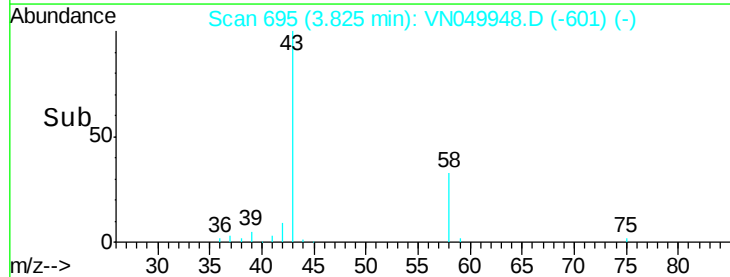
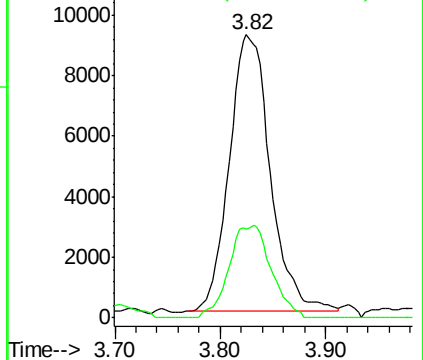
43 100

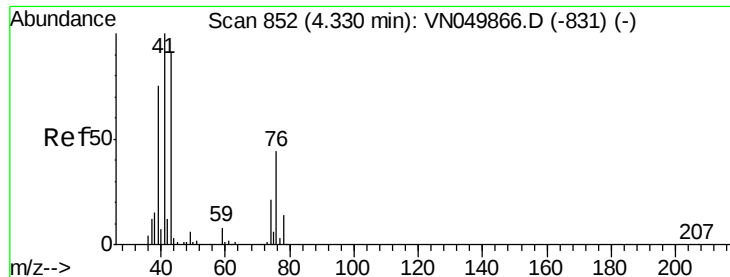
58 32.3 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

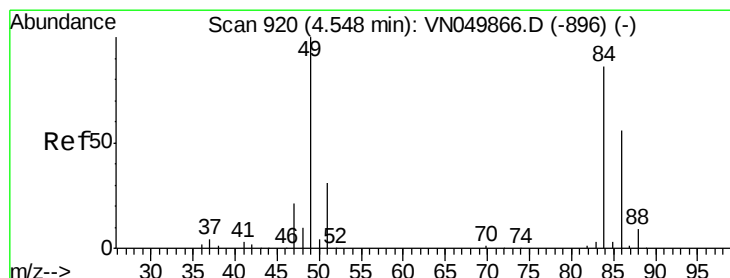
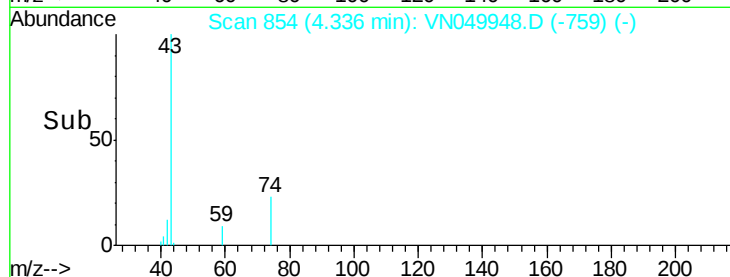
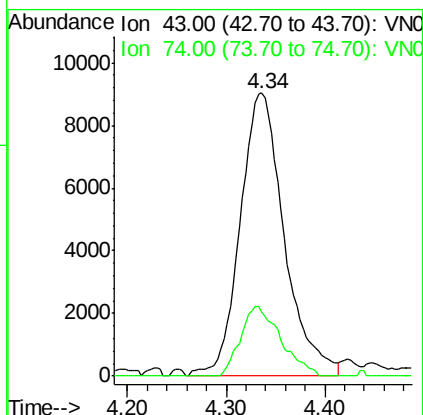
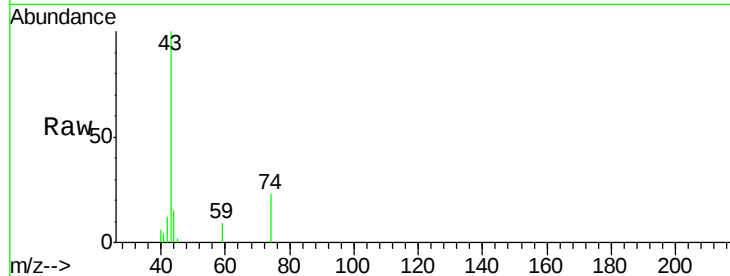




#18
Methvl Acetate
Concen: 3.78 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049948.D
Acq: 20 Jul 2018 5:50

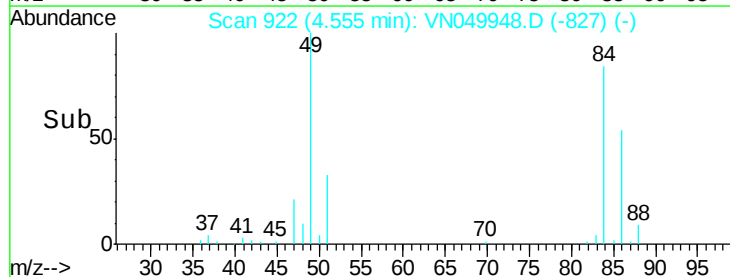
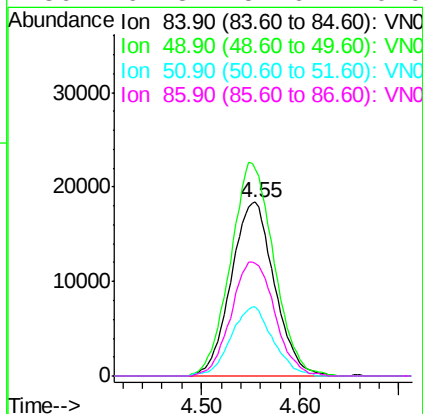
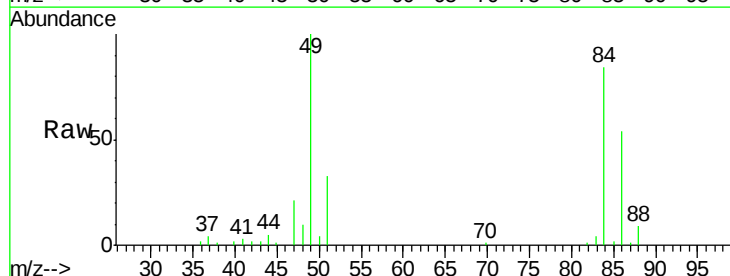
Instrument :
MSVOA_N
ClientSampleId :
SB1-12-0

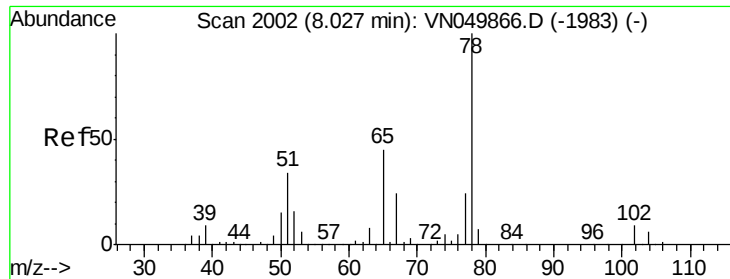
Tot Ion: 43 Resp: 27969
Ion Ratio Lower Upper
43 100
74 22.5 19.8 29.8



#20
Methylene Chloride
Concen: 7.54 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.01 min
Lab File: VN049948.D
Acq: 20 Jul 2018 5:50

Tgt Ion: 84 Resp: 56140
Ion Ratio Lower Upper
84 100
49 119.8 95.4 143.2
51 39.8 28.4 42.6
86 64.8 52.6 79.0





#33

1,2-Dichloroethane-d4

Concen: 53.11 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049948.D

Acq: 20 Jul 2018 5:50

Instrument :

MSVOA_N

ClientSampleId :

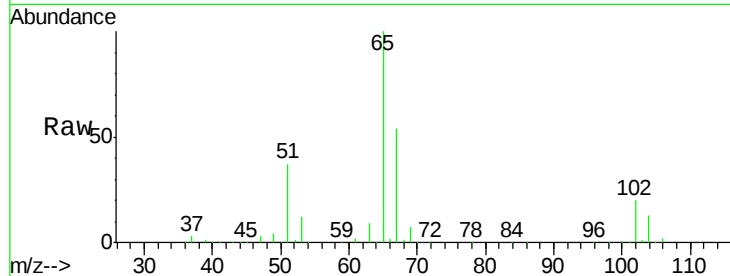
SB1-12-0

Tot Ion: 65 Resp: 401486

Ion Ratio Lower Upper

65 100

67 53.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VN049948.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN049948.D (-1909) (-)

8.03

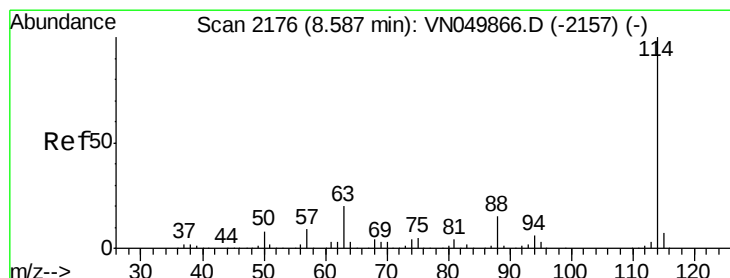
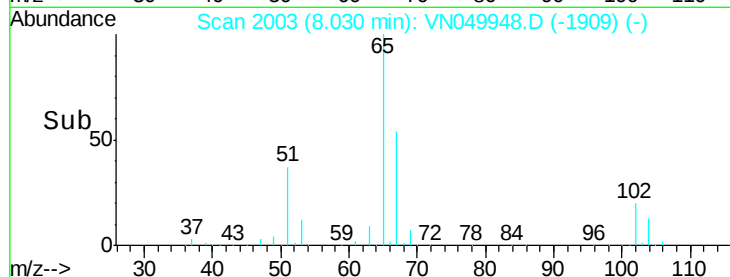
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049948.D

Acq: 20 Jul 2018 5:50

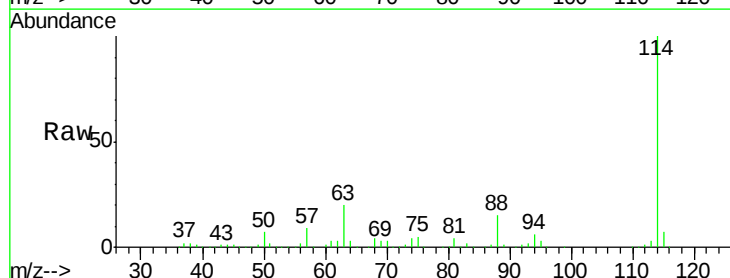
Tgt Ion: 114 Resp: 929106

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.8

88 15.3 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): VN049948.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN049948.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN049948.D (-2083) (-)

8.59

600000

500000

400000

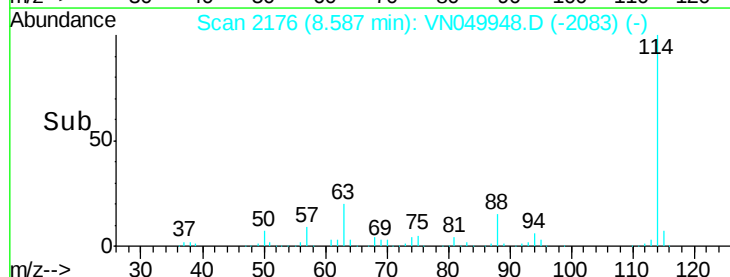
300000

200000

100000

0

Time-->

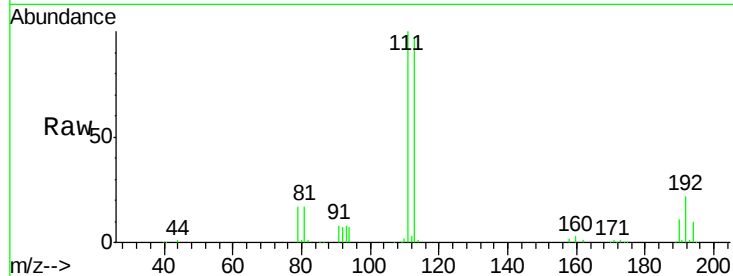




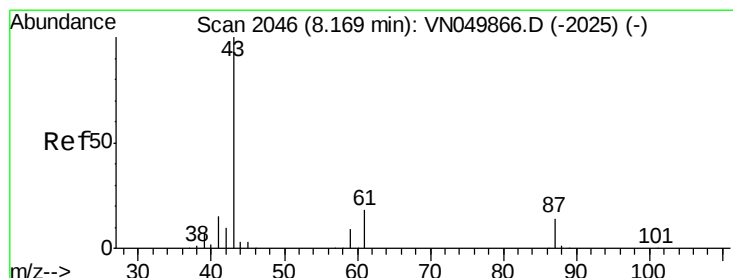
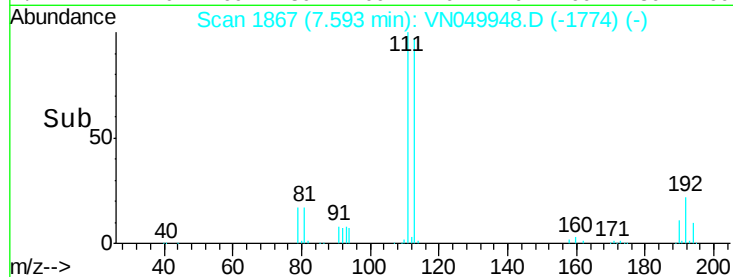
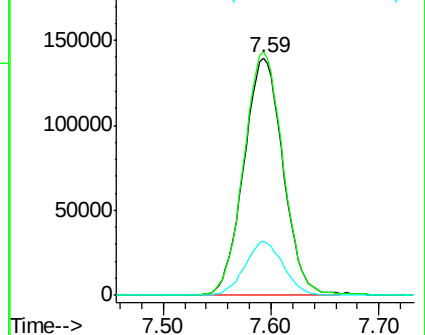
#35
 Dibromofluoromethane
 Concen: 45.27 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049948.D
 Acq: 20 Jul 2018 5:50

Instrument :
 MSVOA_N
 ClientSampleId :
 SB1-12-0

Tot Ion	113	Resp	353067
Ion Ratio	Lower	Upper	
113	100		
111	103.0	81.8	122.8
192	22.4	17.8	26.6

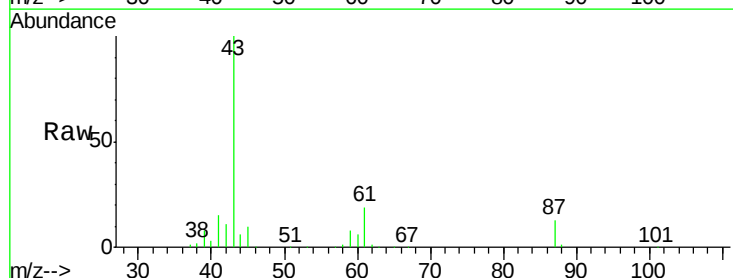


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

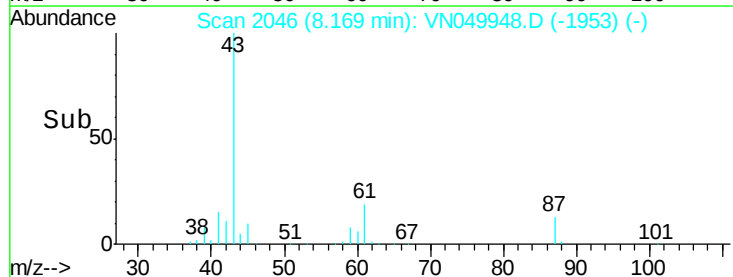
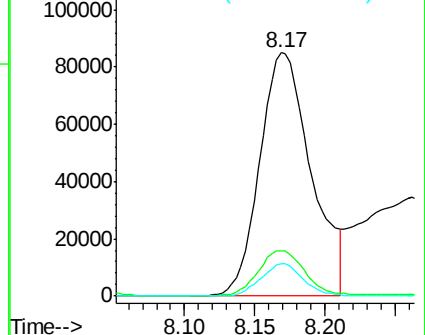


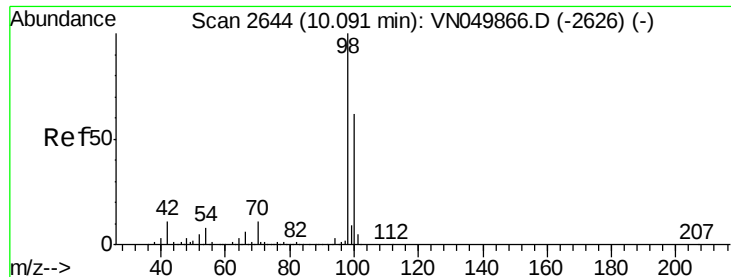
#43
 Isopropyl Acetate
 Concen: 17.45 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN049948.D
 Acq: 20 Jul 2018 5:50

Tgt Ion	43	Resp	216226
Ion Ratio	Lower	Upper	
43	100		
61	17.1	14.9	22.3
87	11.1	10.0	15.0



Abundance Ion 43.00 (42.70 to 43.70): V
 Ion 61.00 (60.70 to 61.70): V
 Ion 87.00 (86.70 to 87.70): V

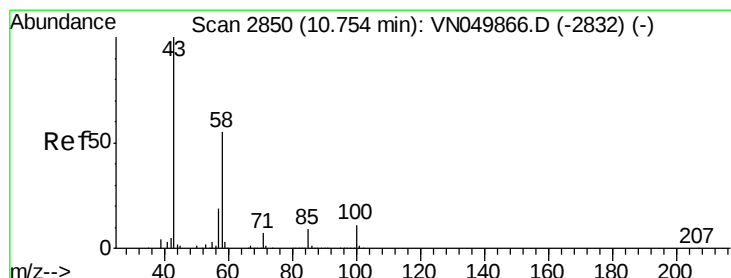
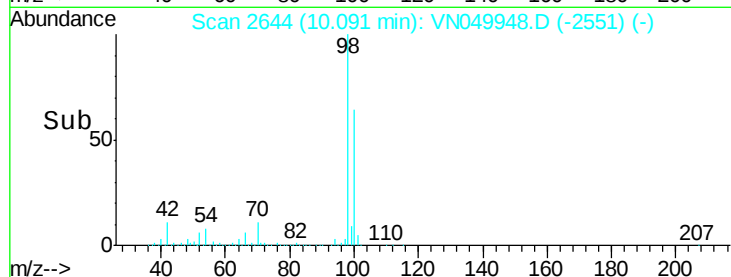
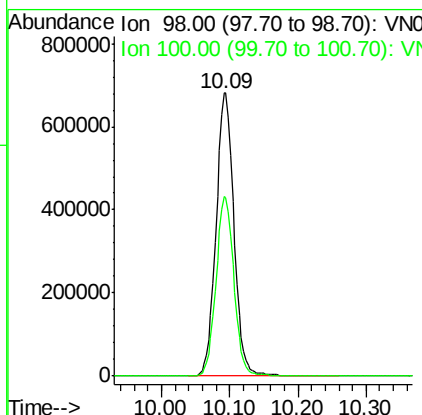
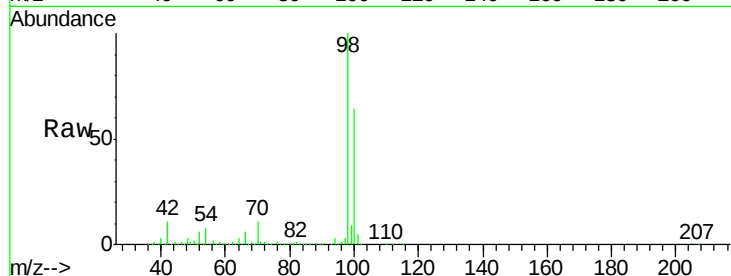




#50
Toluene-d8
Concen: 43.79 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049948.D
Acq: 20 Jul 2018 5:50

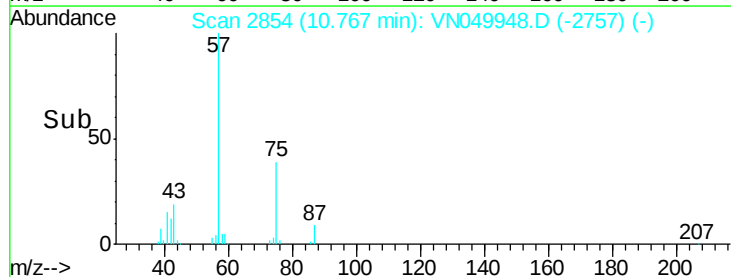
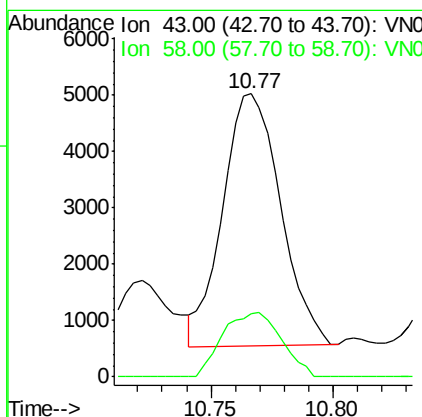
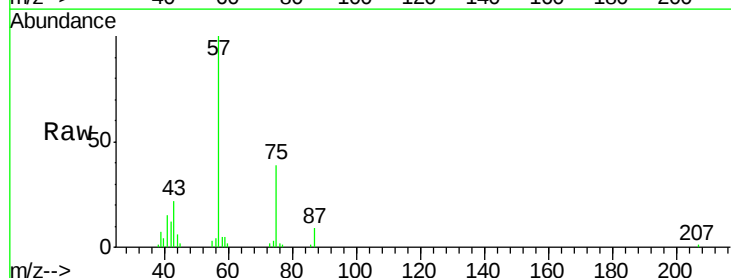
Instrument :
MSVOA_N
ClientSampleId :
SB1-12-0

Tot Ion: 98 Resp: 1244502
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5



#59
2-Hexanone
Concen: 1.59 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN049948.D
Acq: 20 Jul 2018 5:50

Tgt Ion: 43 Resp: 7400
Ion Ratio Lower Upper
43 100
58 25.9 27.8 83.4#

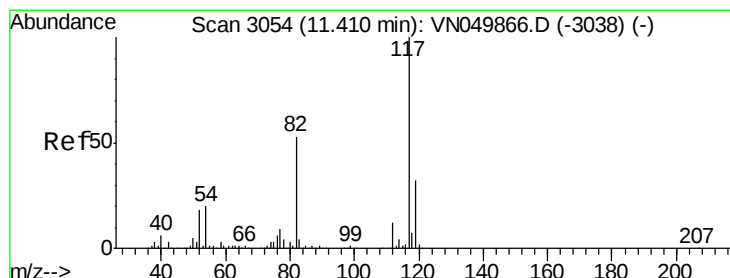
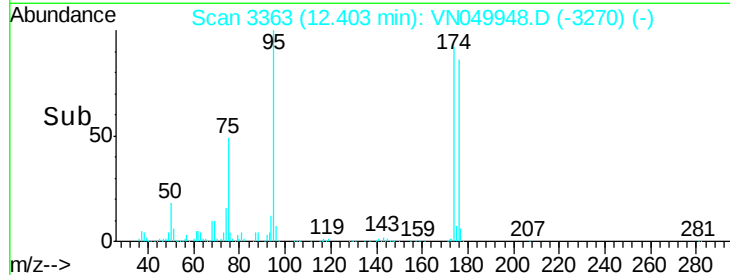
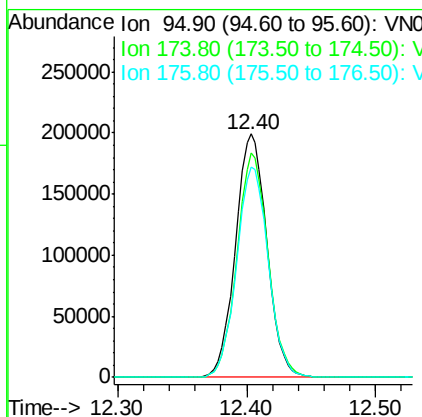
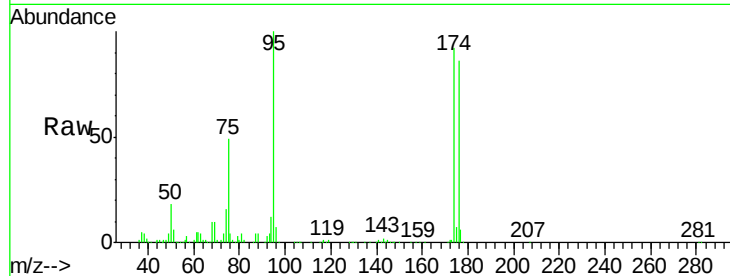




#62
4-Bromofluorobenzene
Concen: 34.32 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049948.D
Acq: 20 Jul 2018 5:50

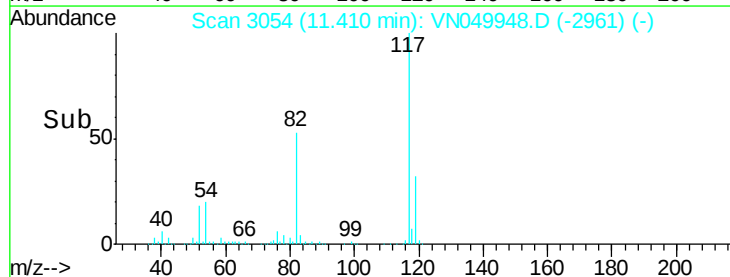
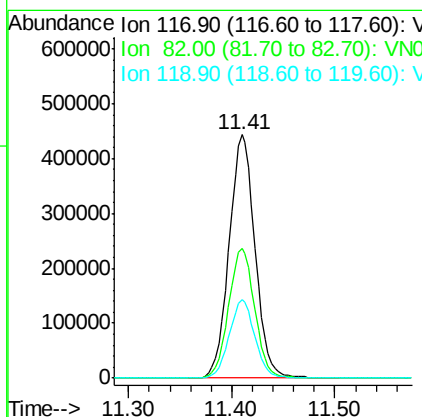
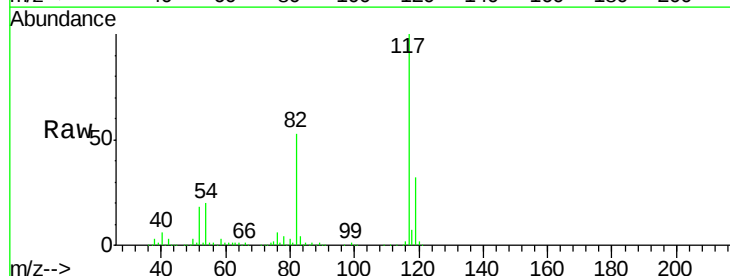
Instrument :
MSVOA_N
ClientSampled :
SB1-12-0

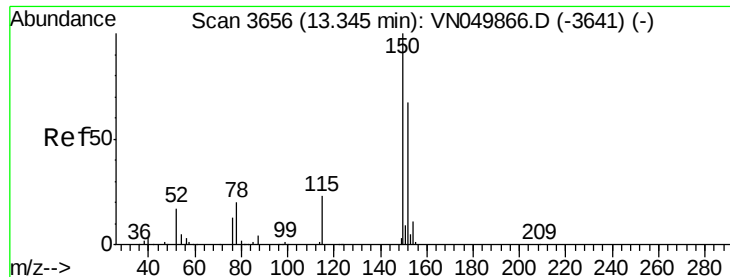
Tot Ion: 95 Resp: 335947
Ion Ratio Lower Upper
95 100
174 91.6 0.0 179.6
176 87.4 0.0 174.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049948.D
Acq: 20 Jul 2018 5:50

Tgt Ion: 117 Resp: 776323
Ion Ratio Lower Upper
117 100
82 53.4 41.9 62.9
119 32.1 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049948.D

Acq: 20 Jul 2018 5:50

Instrument :

MSVOA_N

ClientSampleId :

SB1-12-0

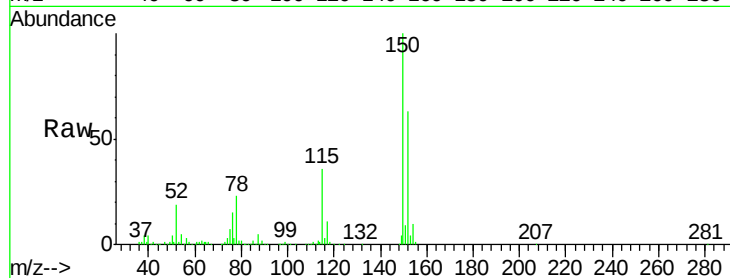
Tot Ion:152 Resp: 275794

Ion Ratio Lower Upper

152 100

115 56.8 28.1 84.2

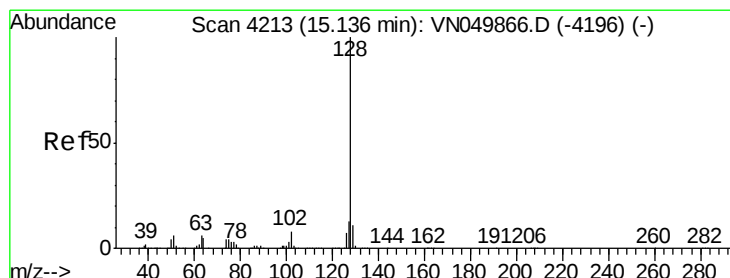
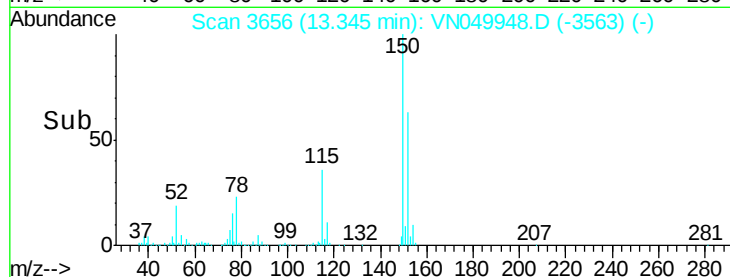
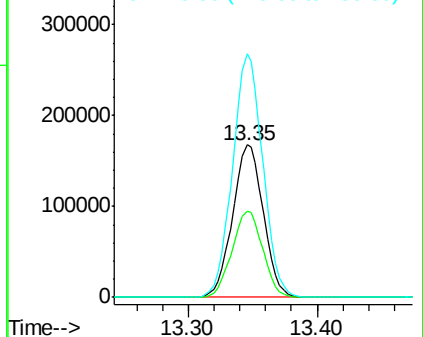
150 157.7 0.0 347.6



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: 5.42 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049948.D

Acq: 20 Jul 2018 5:50

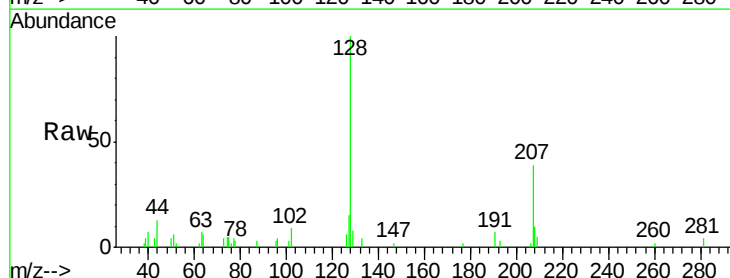
Tgt Ion:128 Resp: 13371

Ion Ratio Lower Upper

128 100

127 13.6 10.4 15.6

129 5.2 8.6 13.0#



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

