

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062118\
 Data File : VN049484.D
 Acq On : 21 Jun 2018 22:11
 Operator : MD\SY
 Sample : J3622-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-B

Quant Time: Jun 22 05:16:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1185026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1862926	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1542814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	515012	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	789030	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
35) Dibromofluoromethane	7.60	113	684394	45.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.82%	
50) Toluene-d8	10.09	98	2546244	44.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.74%	
62) 4-Bromofluorobenzene	12.40	95	689848	36.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.70%	

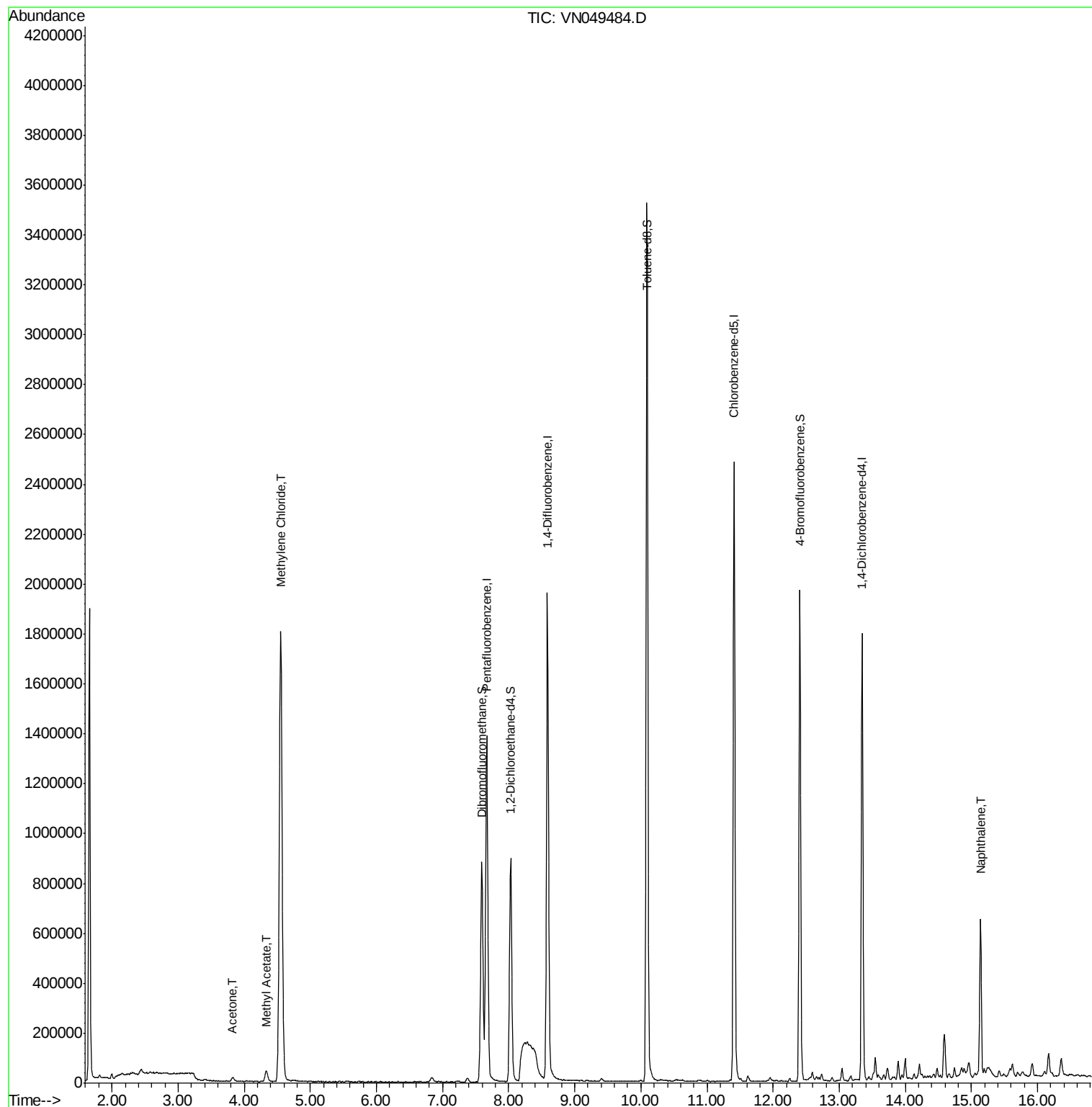
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	26085	6.84	ug/l	91
18) Methyl Acetate	4.33	43	83958	7.22	ug/l	96
20) Methylene Chloride	4.55	84	1392232	87.35	ug/l	92
95) Naphthalene	15.14	128	554095	37.18	ug/l	99

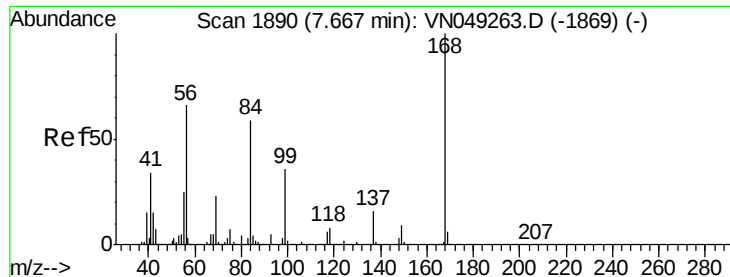
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 22 05:16:32 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
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: VN049484.D

Acq: 21 Jun 2018 22:11

Instrument :

MSVOA_N

ClientSampled :

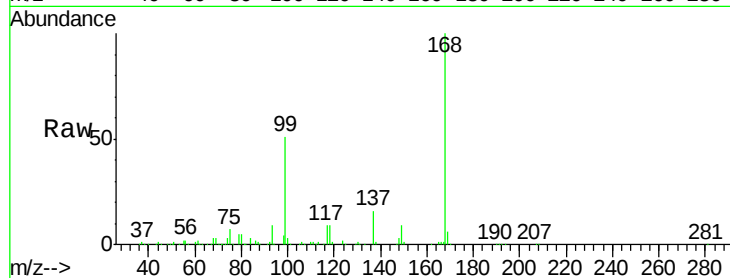
SP-B

Tot Ion:168 Resp: 1185026

Ion Ratio Lower Upper

168 100

99 50.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

500000

400000

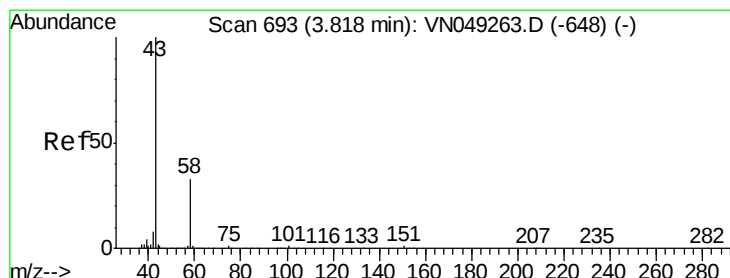
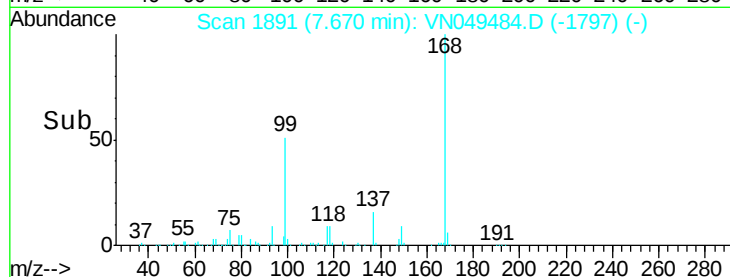
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.84 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049484.D

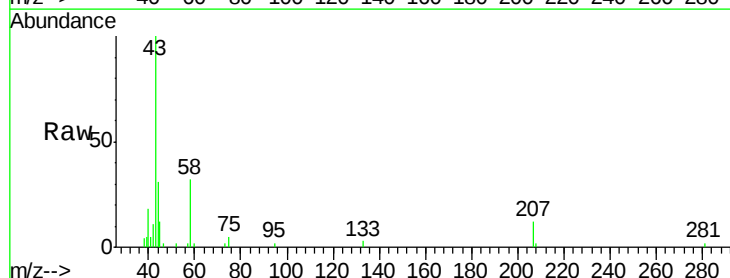
Acq: 21 Jun 2018 22:11

Tgt Ion: 43 Resp: 26085

Ion Ratio Lower Upper

43 100

58 32.9 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

10000

8000

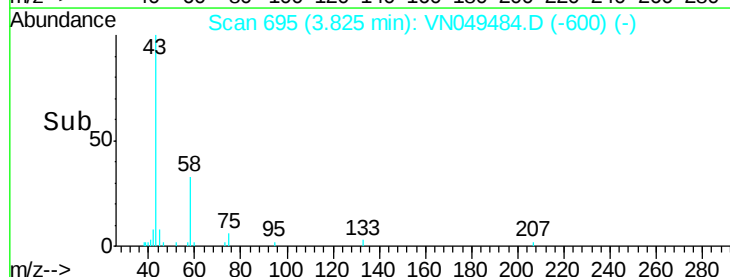
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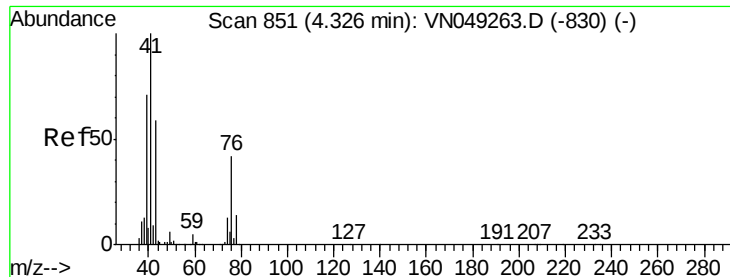
4000

2000

0

Time-->

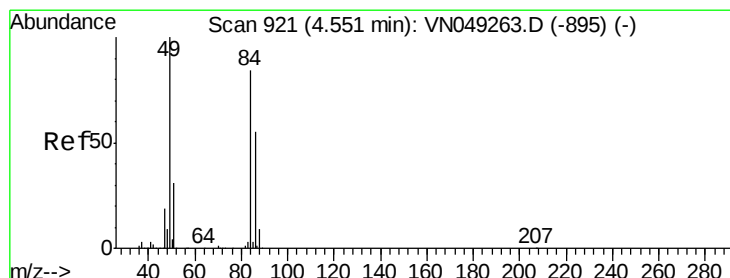
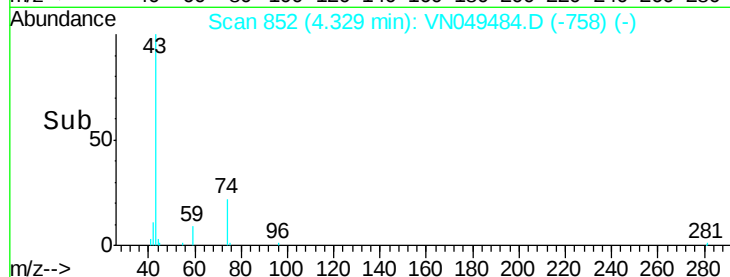
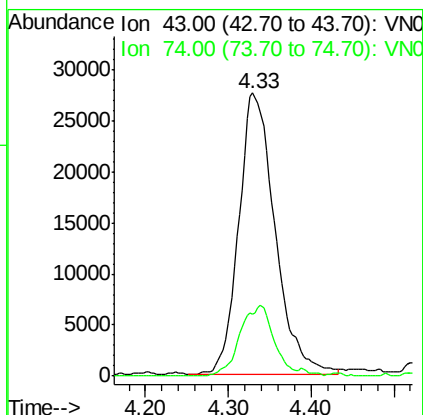
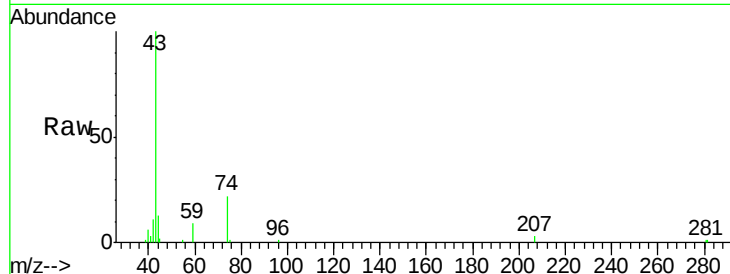




#18
Methvl Acetate
Concen: 7.22 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049484.D
Acq: 21 Jun 2018 22:11

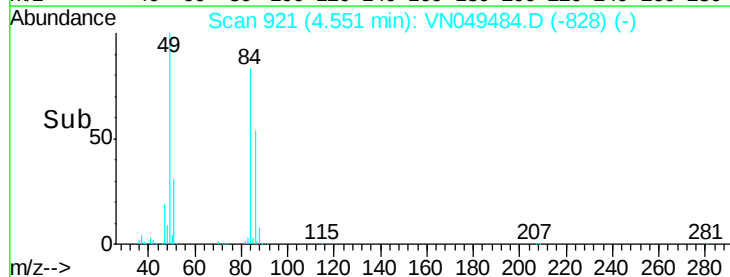
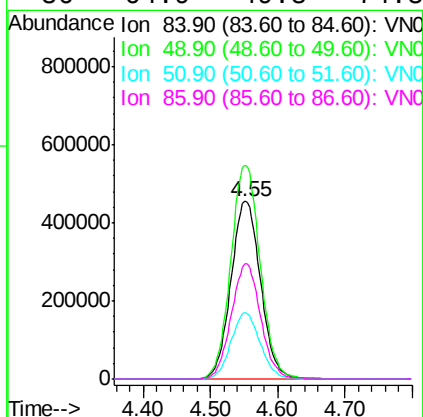
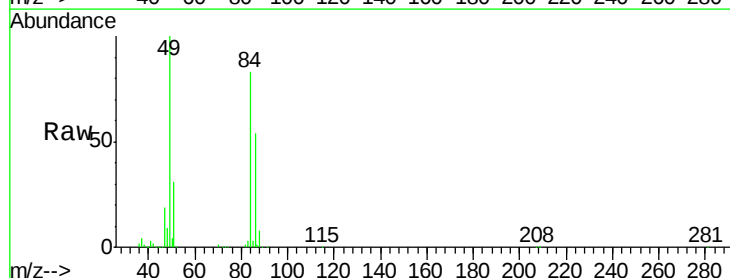
Instrument :
MSVOA_N
ClientSampled :
SP-B

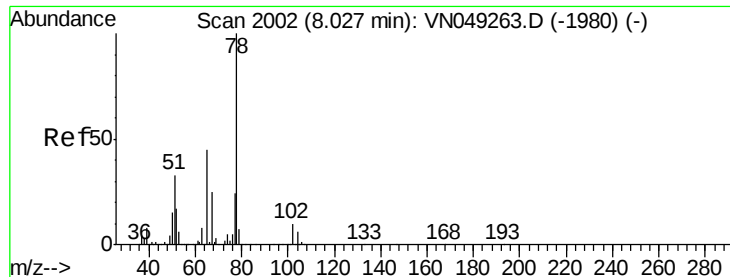
Tot Ion: 43 Resp: 83958
Ion Ratio Lower Upper
43 100
74 23.4 17.4 26.0



#20
Methylene Chloride
Concen: 87.35 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049484.D
Acq: 21 Jun 2018 22:11

Tgt Ion: 84 Resp: 1392232
Ion Ratio Lower Upper
84 100
49 120.2 106.9 160.3
51 37.5 32.7 49.1
86 64.9 49.8 74.8

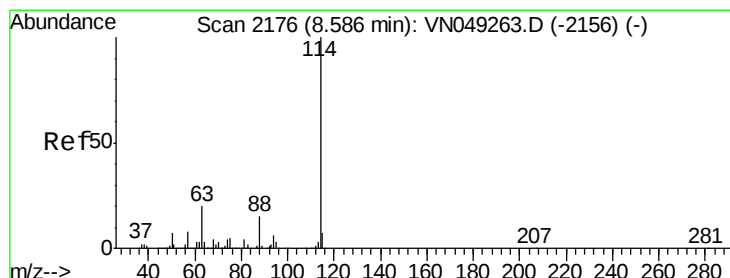
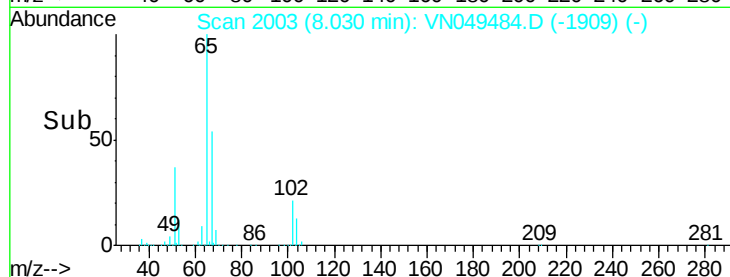
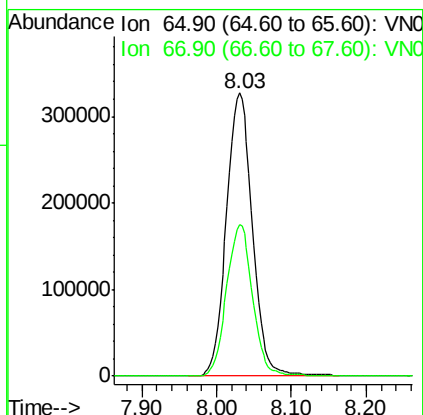
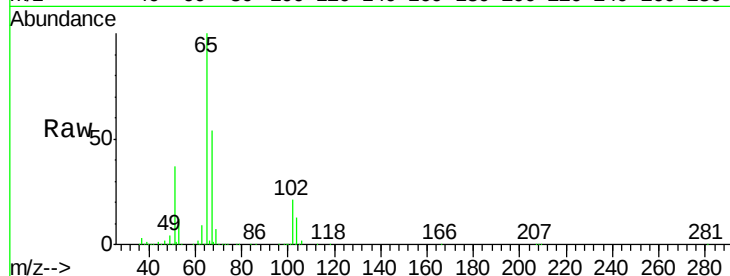




#33
 1,2-Dichloroethane-d4
 Concen: 50.20 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049484.D
 Acq: 21 Jun 2018 22:11

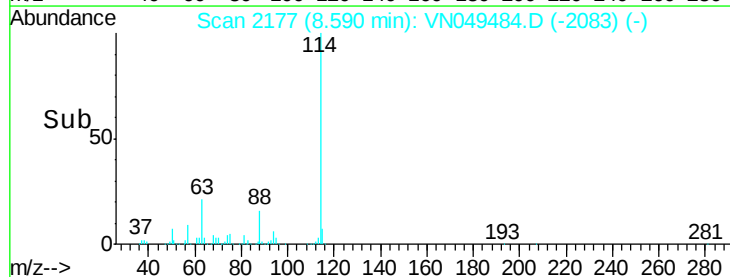
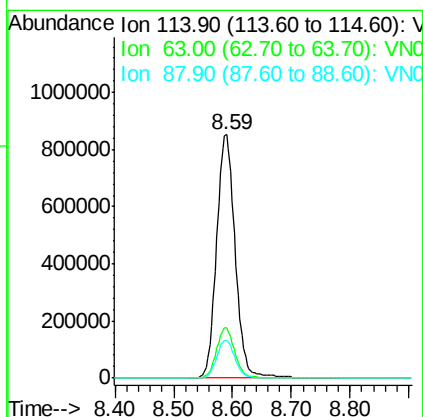
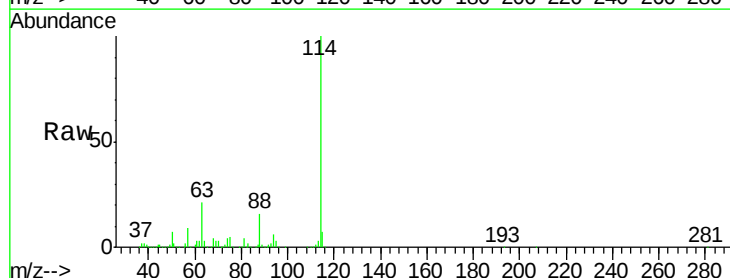
Instrument :
 MSVOA_N
 ClientSampleId :
 SP-B

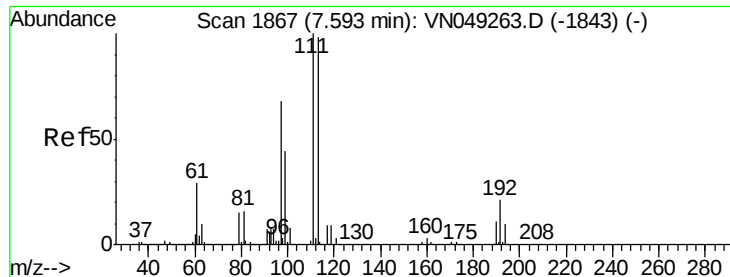
Tot Ion: 65 Resp: 789030
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049484.D
 Acq: 21 Jun 2018 22:11

Tgt Ion: 114 Resp: 1862926
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 44.4
 88 15.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 45.41 ug/l

RT: 7.60 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VN049484.D

Acq: 21 Jun 2018 22:11

Instrument :

MSVOA_N

ClientSampled :

SP-B

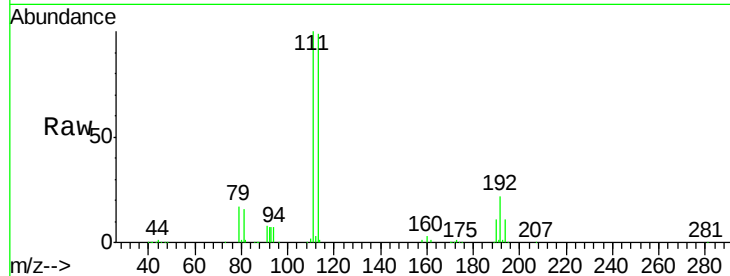
Tot Ion:113 Resp: 684394

Ion Ratio Lower Upper

113 100

111 102.3 82.4 123.6

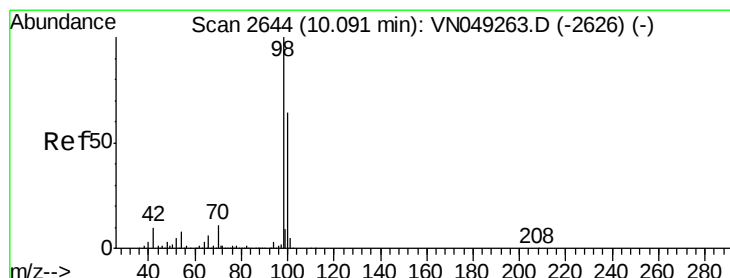
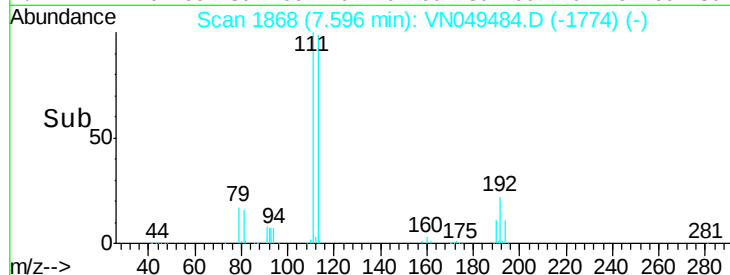
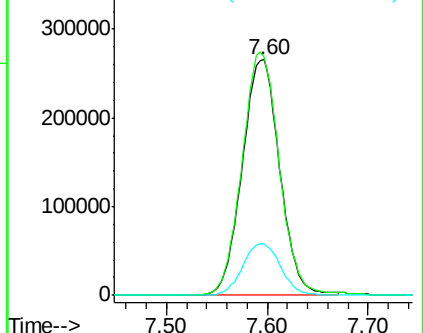
192 22.2 15.0 22.6



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



#50

Toluene-d8

Concen: 44.37 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049484.D

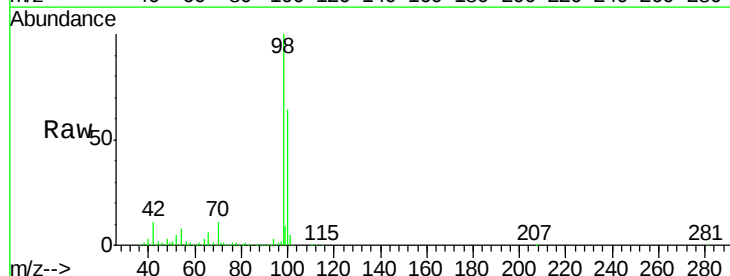
Acq: 21 Jun 2018 22:11

Tgt Ion: 98 Resp: 2546244

Ion Ratio Lower Upper

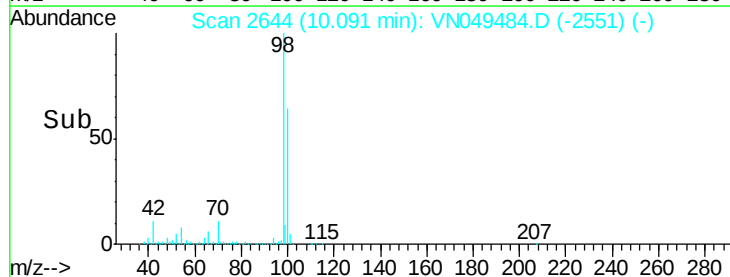
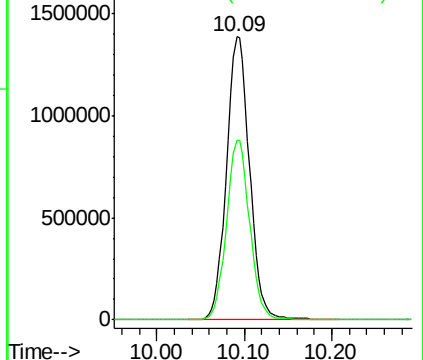
98 100

100 63.6 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

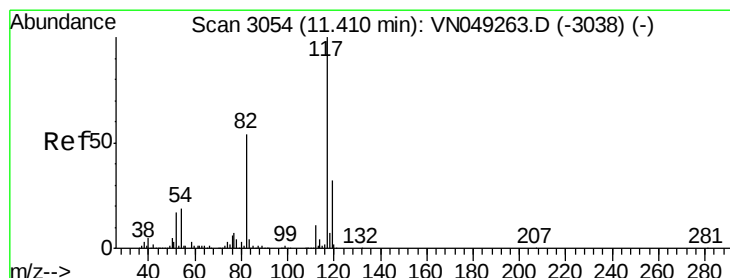
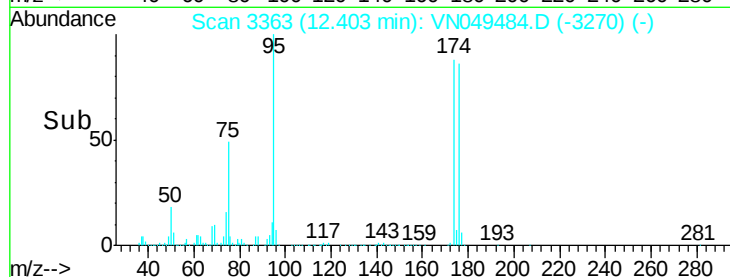
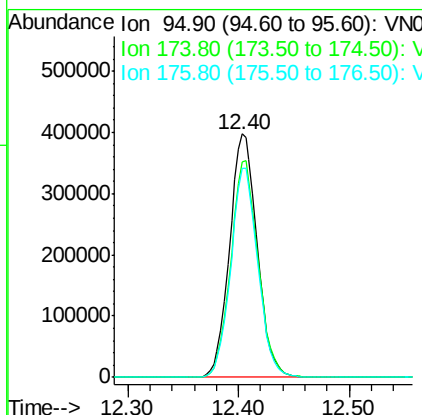
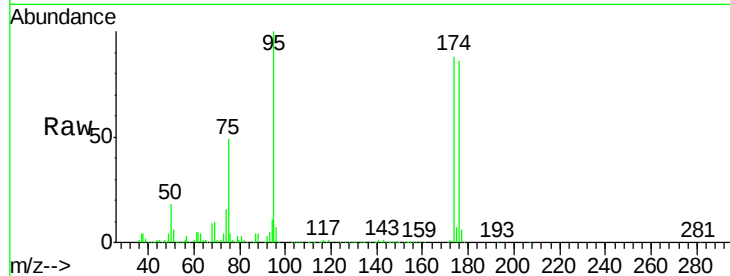




#62
4-Bromofluorobenzene
Concen: 36.35 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049484.D
Acq: 21 Jun 2018 22:11

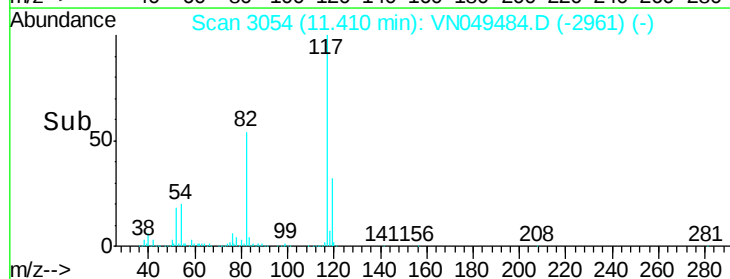
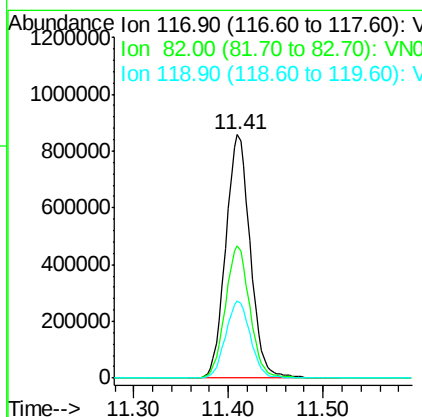
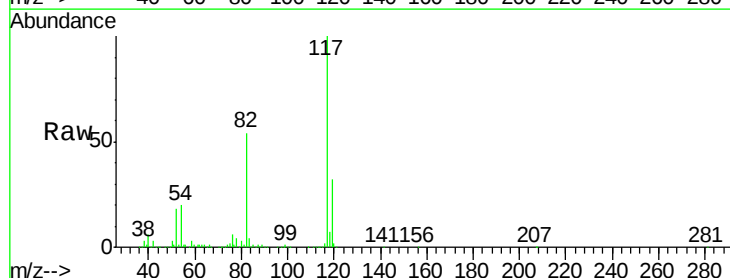
Instrument :
MSVOA_N
ClientSampled :
SP-B

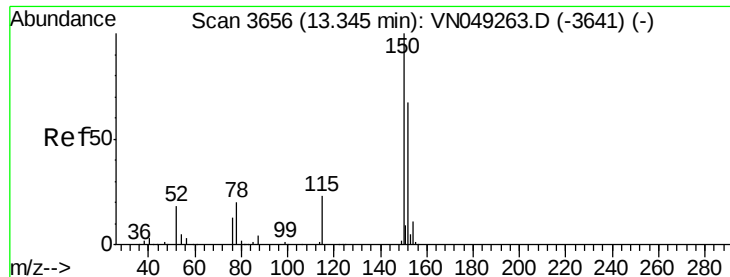
Tot Ion: 95 Resp: 689848
Ion Ratio Lower Upper
95 100
174 88.1 0.0 165.6
176 84.2 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049484.D
Acq: 21 Jun 2018 22:11

Tgt Ion: 117 Resp: 1542814
Ion Ratio Lower Upper
117 100
82 54.3 45.9 68.9
119 31.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049484.D

Acq: 21 Jun 2018 22:11

Instrument :

MSVOA_N

ClientSampleId :

SP-B

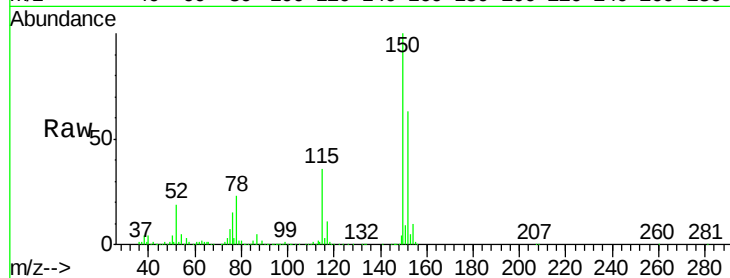
Tot Ion:152 Resp: 515012

Ion Ratio Lower Upper

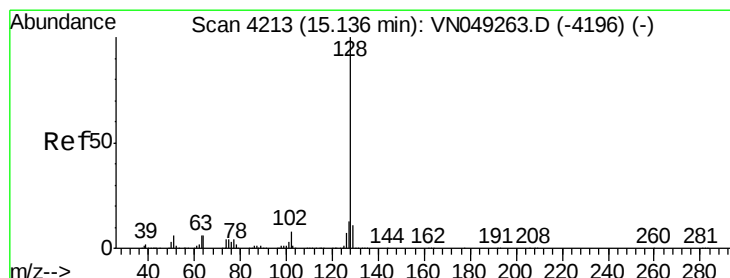
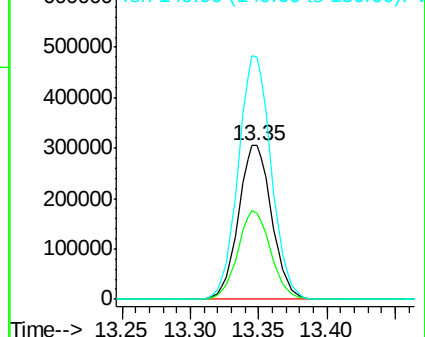
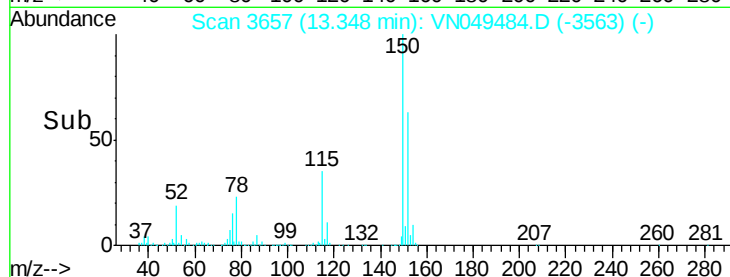
152 100

115 56.9 28.7 86.1

150 156.8 0.0 351.0



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: 37.18 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049484.D

Acq: 21 Jun 2018 22:11

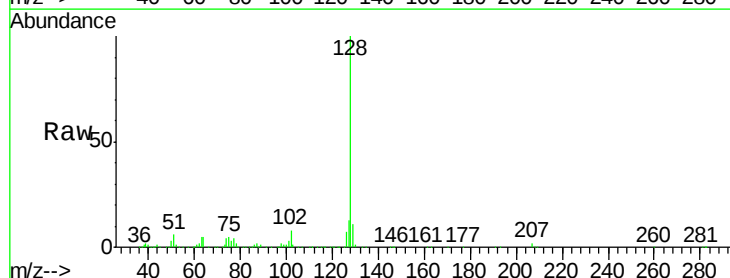
Tgt Ion:128 Resp: 554095

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 11.3 8.5 12.7



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

