

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062218\
 Data File : VN049496.D
 Acq On : 22 Jun 2018 17:15
 Operator : MD\SY
 Sample : PB116445TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116445TB

Quant Time: Jun 22 23:07:46 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	1106991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1696421	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1402375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	315696	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	752280	51.24	ug/l	0.00
Spiked Amount			Recovery	=	102.48%	
35) Dibromofluoromethane	7.59	113	661092	48.17	ug/l	0.00
Spiked Amount			Recovery	=	96.34%	
50) Toluene-d8	10.09	98	2367001	45.29	ug/l	0.00
Spiked Amount			Recovery	=	90.58%	
62) 4-Bromofluorobenzene	12.41	95	527310	30.52	ug/l	0.00
Spiked Amount			Recovery	=	61.04%	

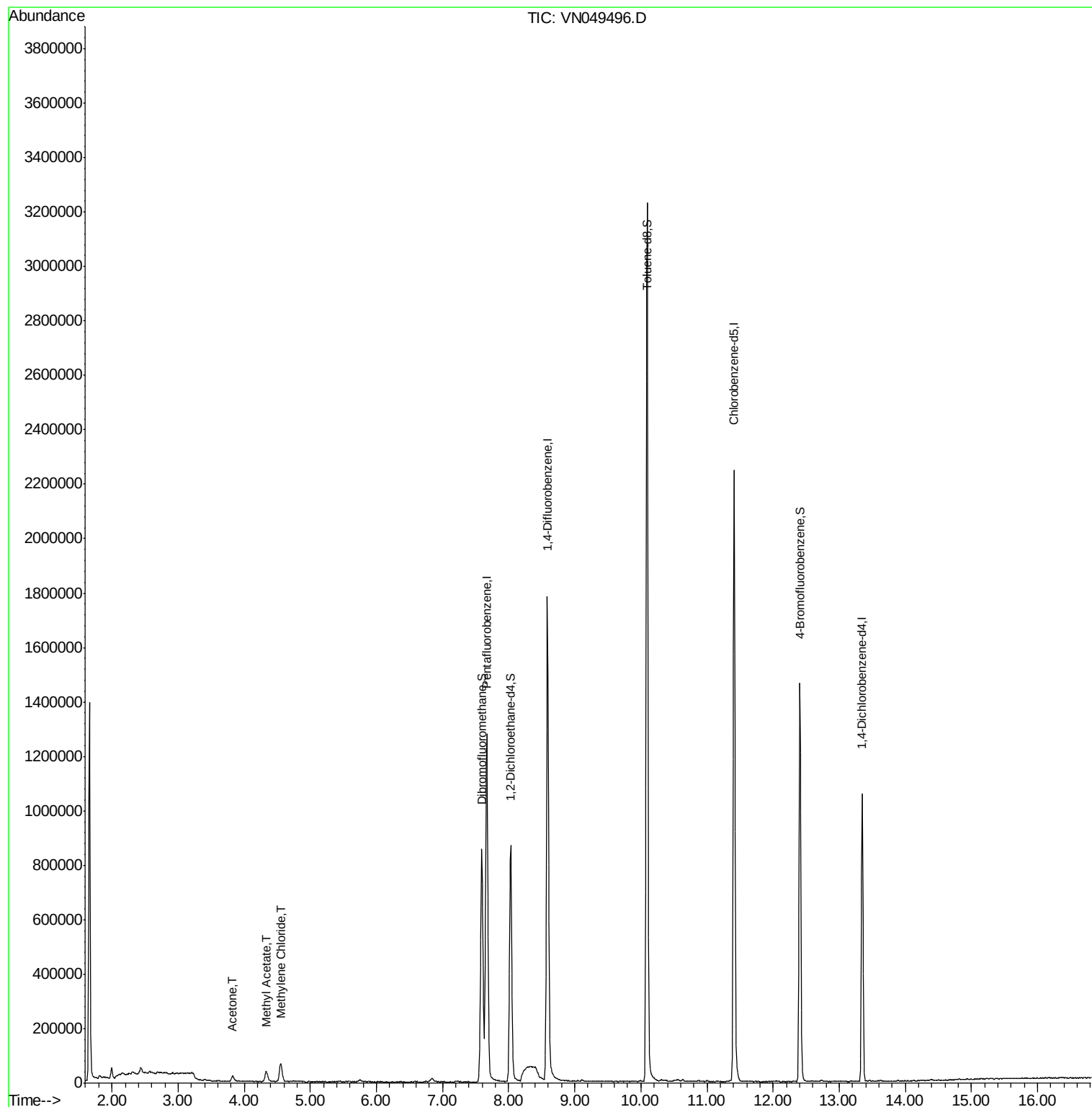
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	28621	8.03	ug/l	# 85
18) Methyl Acetate	4.33	43	75487	6.94	ug/l	97
20) Methylene Chloride	4.55	84	51948	3.49	ug/l	88

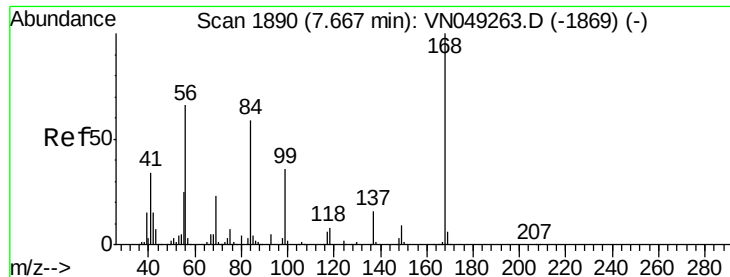
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049496.D

Acq: 22 Jun 2018 17:15

Instrument :

MSVOA_N

ClientSampled :

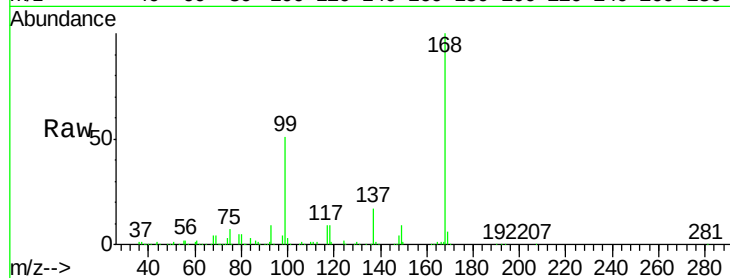
PB116445TB

Tot Ion:168 Resp: 1106991

Ion Ratio Lower Upper

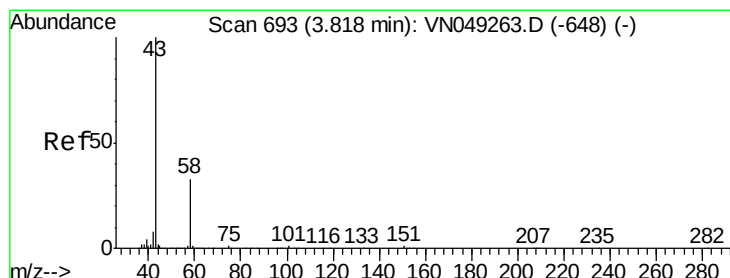
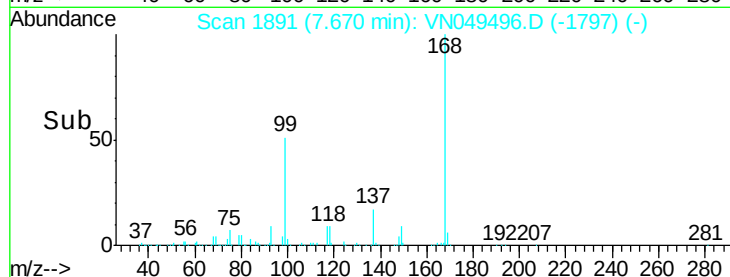
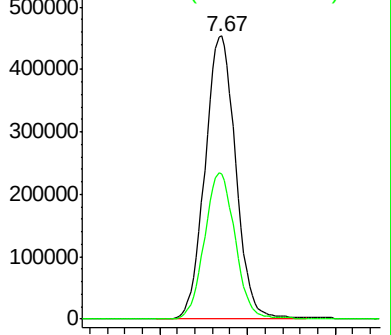
168 100

99 51.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 8.03 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049496.D

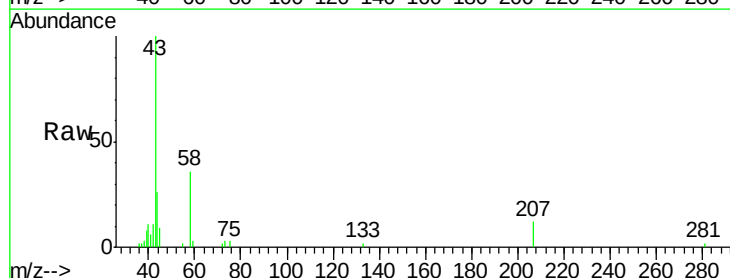
Acq: 22 Jun 2018 17:15

Tgt Ion: 43 Resp: 28621

Ion Ratio Lower Upper

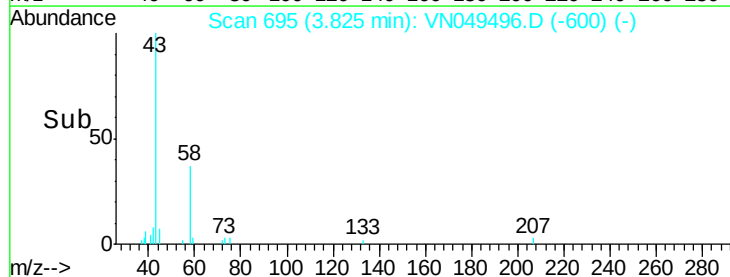
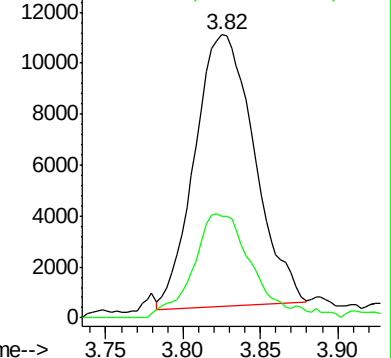
43 100

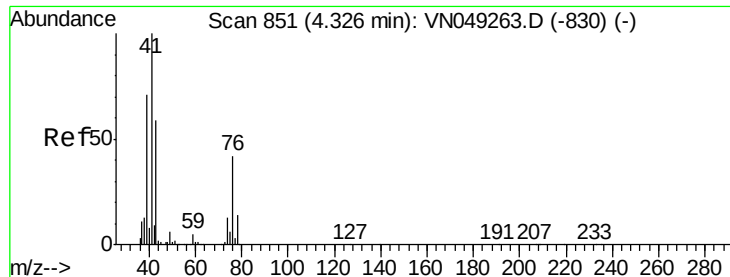
58 35.8 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

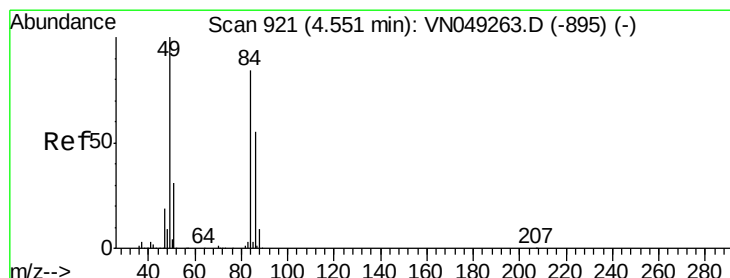
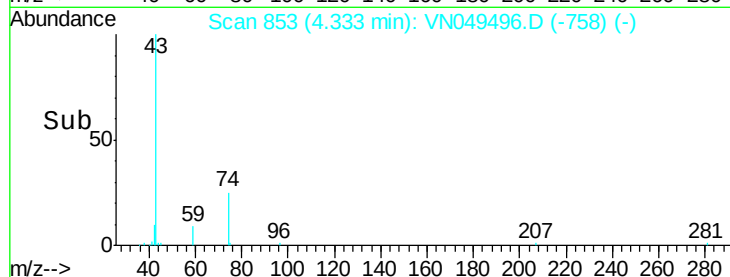
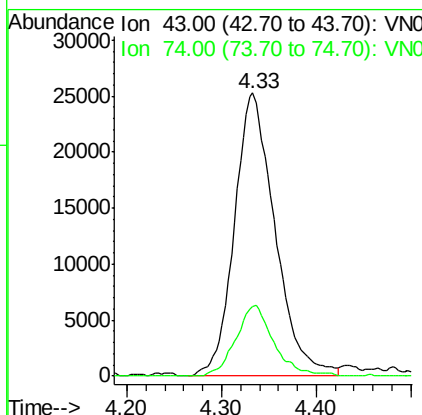
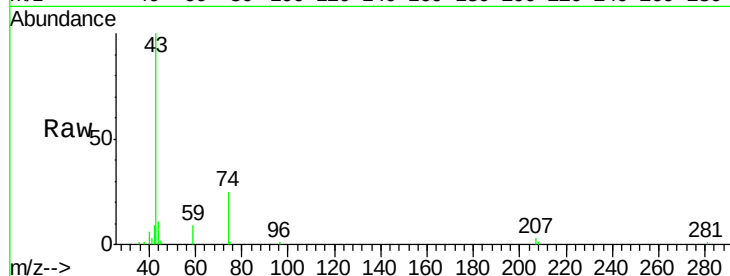




#18
Methvl Acetate
Concen: 6.94 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049496.D
Acq: 22 Jun 2018 17:15

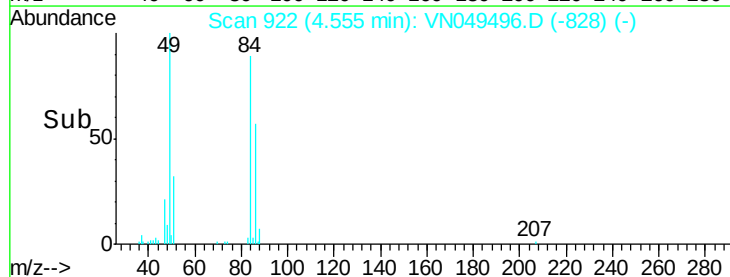
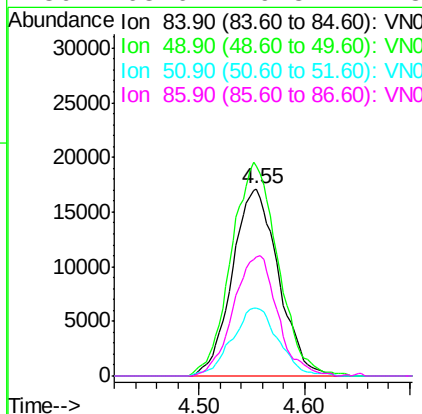
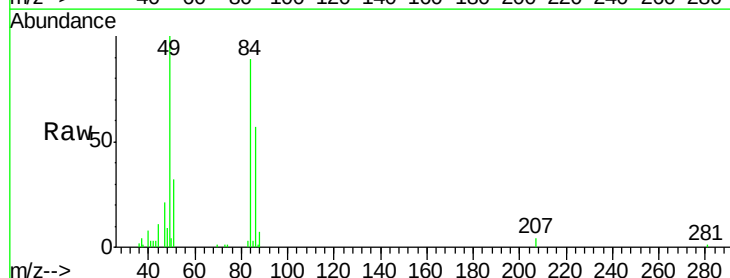
Instrument :
MSVOA_N
ClientSampled :
PB116445TB

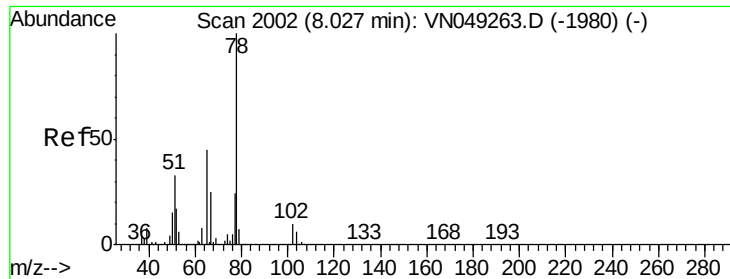
Tot Ion: 43 Resp: 75487
Ion Ratio Lower Upper
43 100
74 23.2 17.4 26.0



#20
Methylene Chloride
Concen: 3.49 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049496.D
Acq: 22 Jun 2018 17:15

Tgt Ion: 84 Resp: 51948
Ion Ratio Lower Upper
84 100
49 112.1 106.9 160.3
51 35.9 32.7 49.1
86 63.6 49.8 74.8

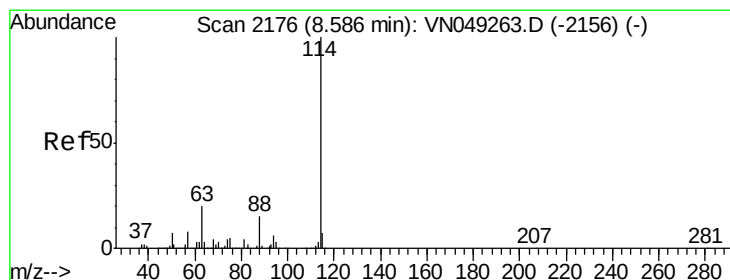
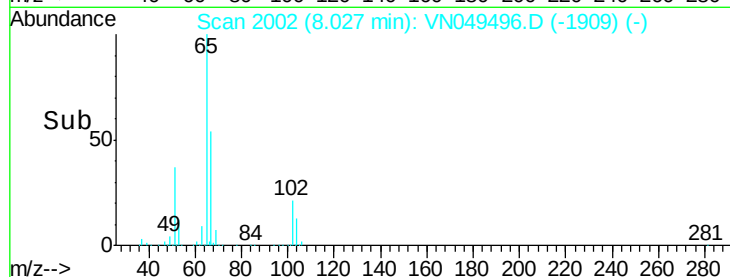
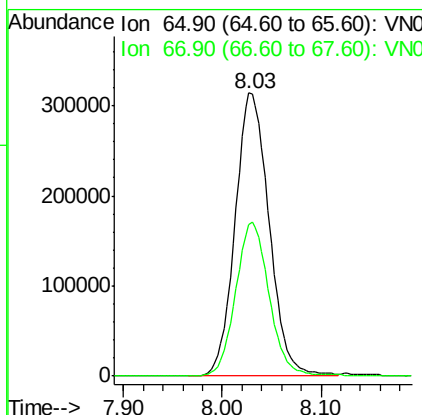
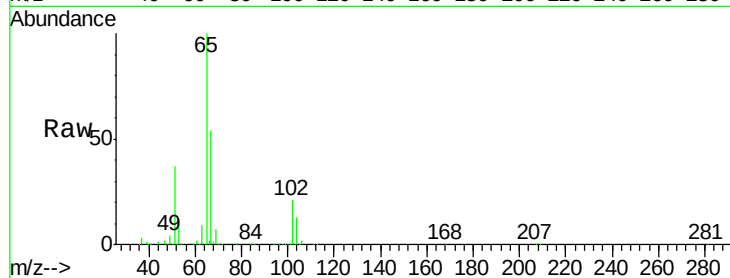




#33
 1,2-Dichloroethane-d4
 Concen: 51.24 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049496.D
 Acq: 22 Jun 2018 17:15

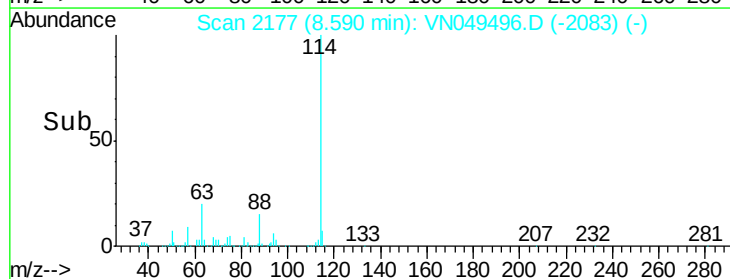
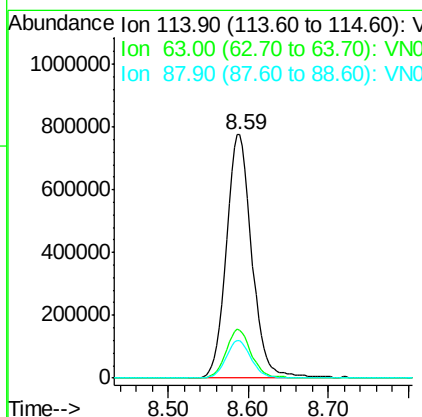
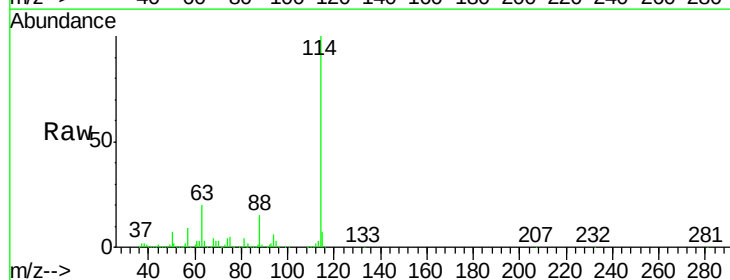
Instrument :
 MSVOA_N
 ClientSampleId :
 PB116445TB

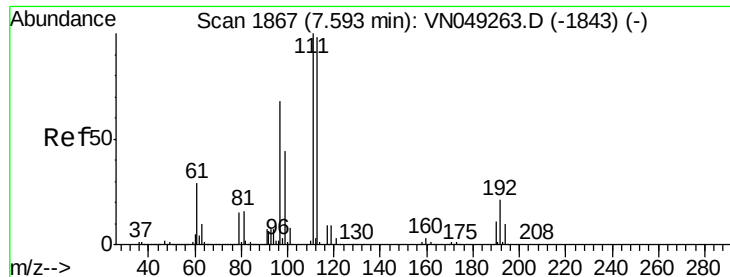
Tot Ion: 65 Resp: 752280
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049496.D
 Acq: 22 Jun 2018 17:15

Tgt Ion: 114 Resp: 1696421
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 44.4
 88 15.4 0.0 31.4

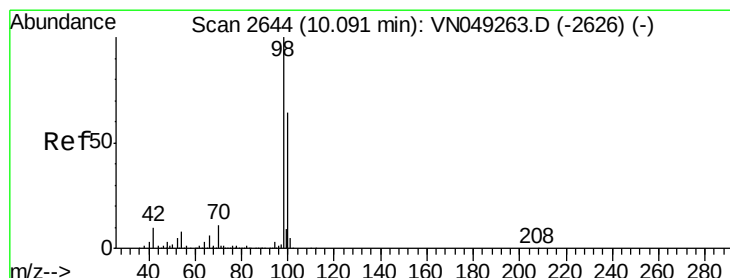
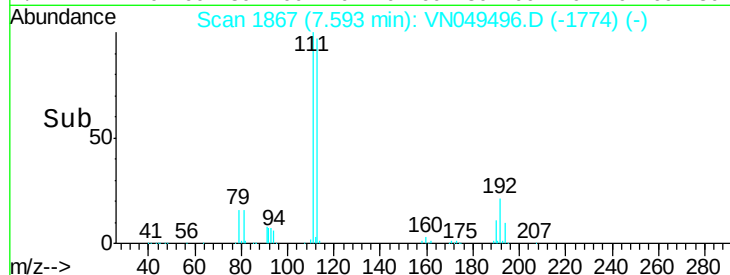
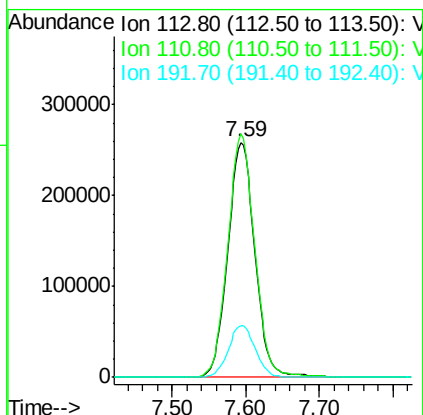
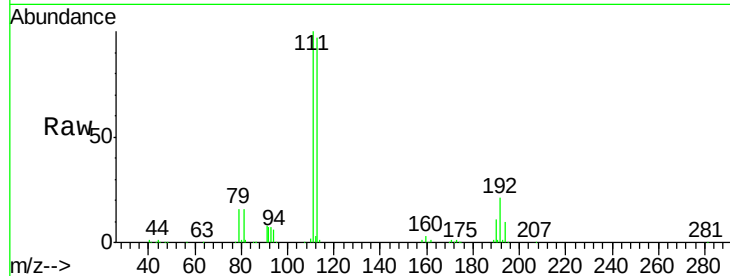




#35
 Dibromofluoromethane
 Concen: 48.17 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049496.D
 Acq: 22 Jun 2018 17:15

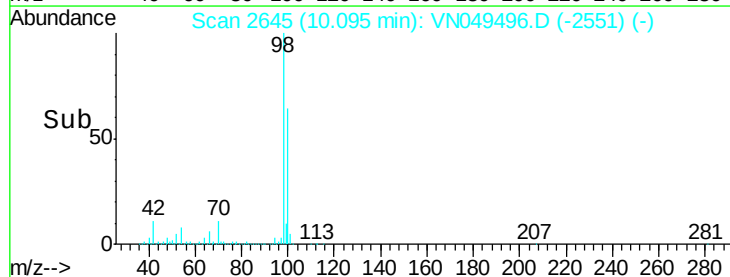
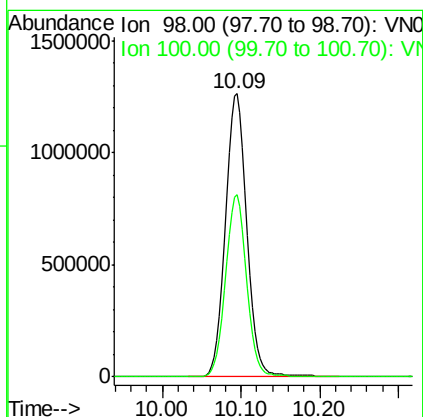
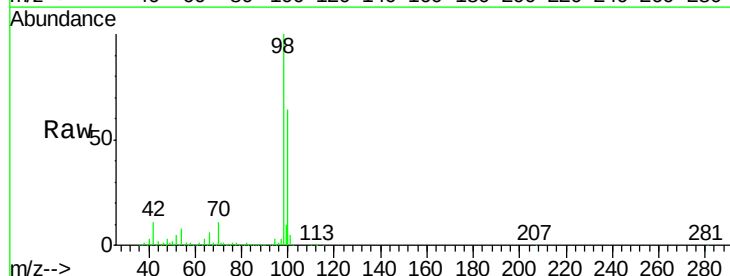
Instrument :
 MSVOA_N
 ClientSampleId :
 PB116445TB

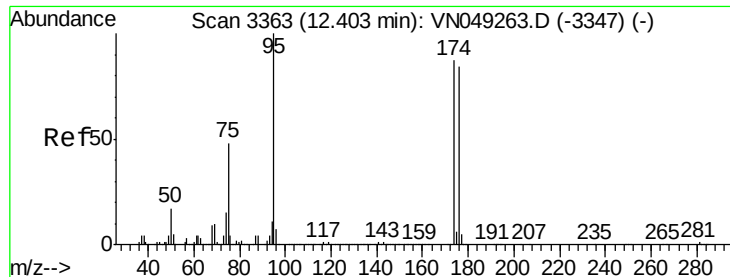
Tot Ion:113 Resp: 661092
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.4 123.6
 192 21.9 15.0 22.6



#50
 Toluene-d8
 Concen: 45.29 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN049496.D
 Acq: 22 Jun 2018 17:15

Tgt Ion: 98 Resp: 2367001
 Ion Ratio Lower Upper
 98 100
 100 63.1 49.8 74.8





#62

4-Bromofluorobenzene

Concen: 30.52 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049496.D

Acq: 22 Jun 2018 17:15

Instrument :

MSVOA_N

ClientSampleId :

PB116445TB

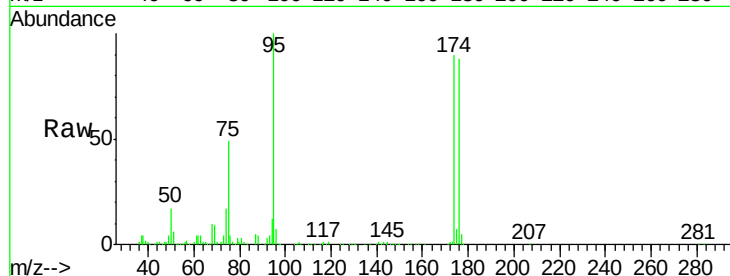
Tot Ion: 95 Resp: 527310

Ion Ratio Lower Upper

95 100

174 90.1 0.0 165.6

176 86.2 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049496.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN049496.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049496.D (-3347) (-)

12.41

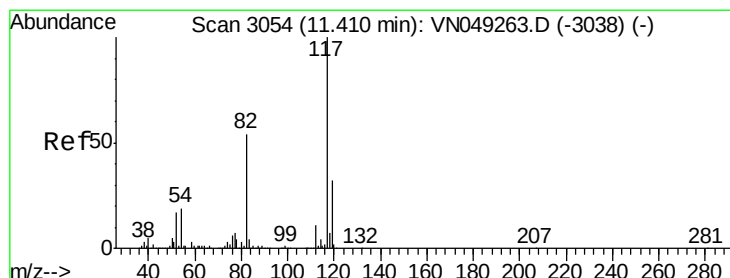
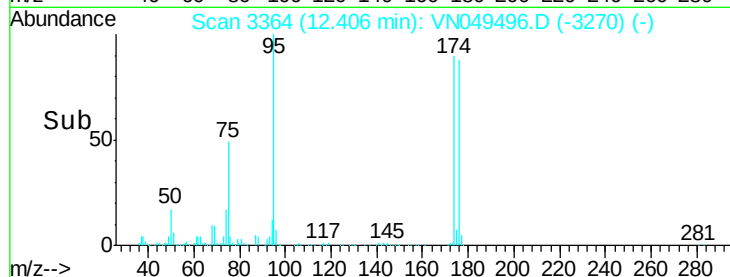
300000

200000

100000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049496.D

Acq: 22 Jun 2018 17:15

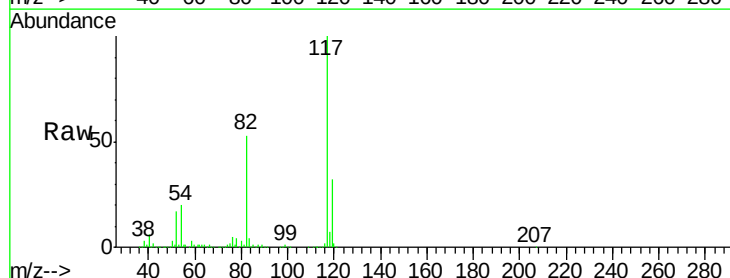
Tgt Ion: 117 Resp: 1402375

Ion Ratio Lower Upper

117 100

82 53.1 45.9 68.9

119 31.9 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN049496.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN049496.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049496.D (-3038) (-)

11.41

1000000

800000

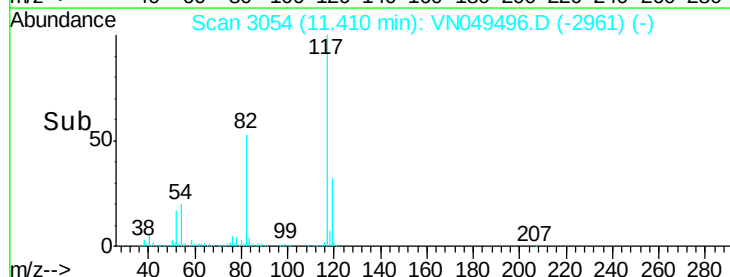
600000

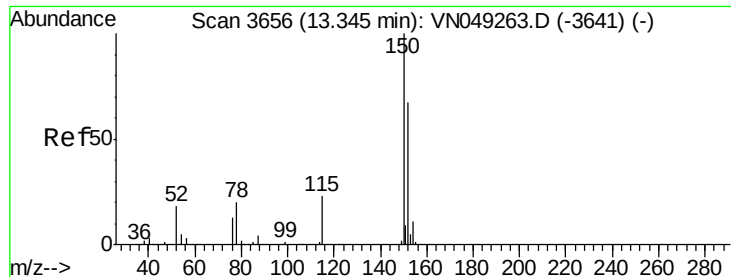
400000

200000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049496.D

Acq: 22 Jun 2018 17:15

Instrument :

MSVOA_N

ClientSampleId :

PB116445TB

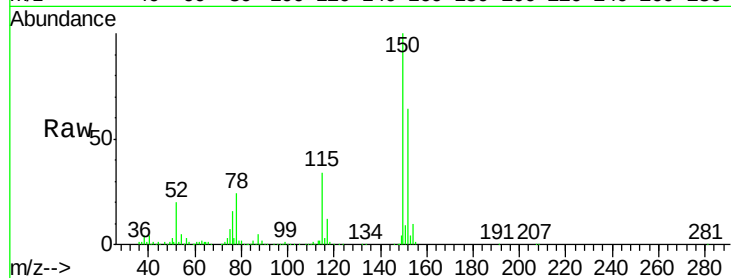
Tot Ion:152 Resp: 315696

Ion Ratio Lower Upper

152 100

115 55.5 28.7 86.1

150 155.3 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

