

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062118\
 Data File : VN049463.D
 Acq On : 21 Jun 2018 12:52
 Operator : MD\SY
 Sample : PB110441TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110441TB

Quant Time: Jun 22 03:58:38 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	1244717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1983335	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1693281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	468034	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	869919	52.69	ug/l	0.00
Spiked Amount			Recovery	=	105.38%	
35) Dibromofluoromethane	7.59	113	771178	48.06	ug/l	0.00
Spiked Amount			Recovery	=	96.12%	
50) Toluene-d8	10.09	98	2781367	45.52	ug/l	0.00
Spiked Amount			Recovery	=	91.04%	
62) 4-Bromofluorobenzene	12.40	95	698011	34.55	ug/l	0.00
Spiked Amount			Recovery	=	69.10%	

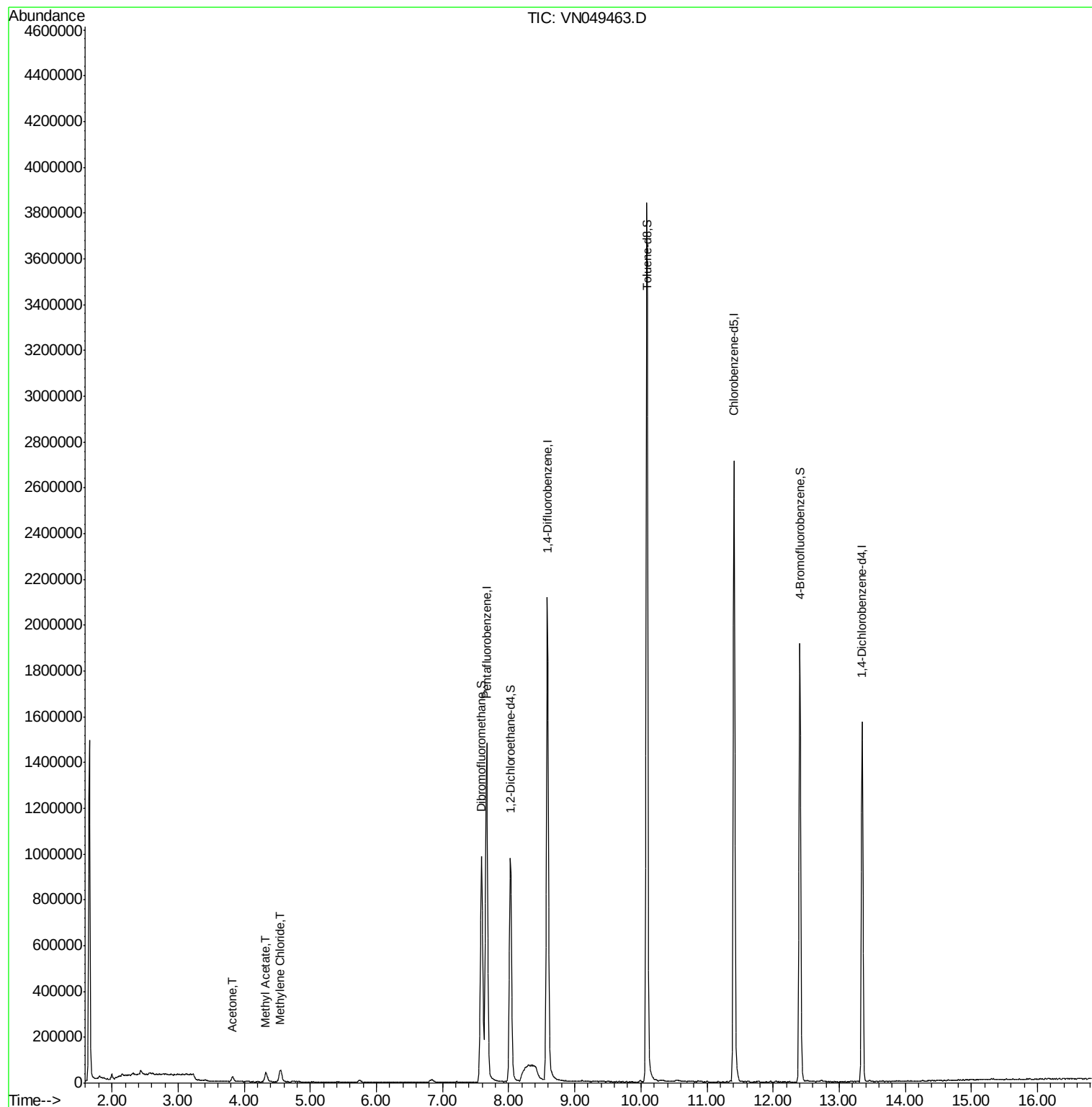
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	30365	7.58	ug/l #	86
18) Methyl Acetate	4.33	43	75179	6.15	ug/l	93
20) Methylene Chloride	4.55	84	41092	2.45	ug/l #	84

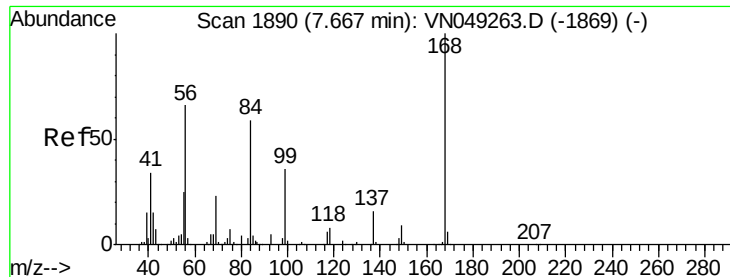
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN049463.D

Acq: 21 Jun 2018 12:52

Instrument :

MSVOA_N

ClientSampleId :

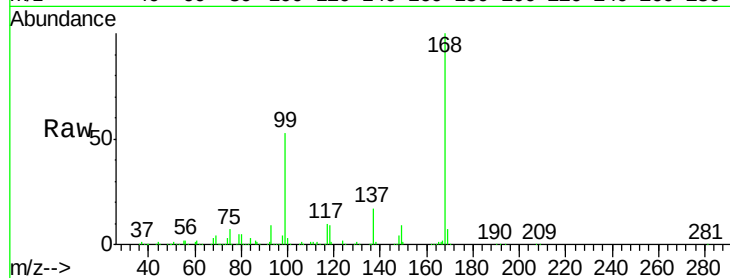
PB110441TB

Tot Ion:168 Resp: 1244717

Ion Ratio Lower Upper

168 100

99 52.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): VN049463.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN049463.D (-1797) (-)

7.67

600000

500000

400000

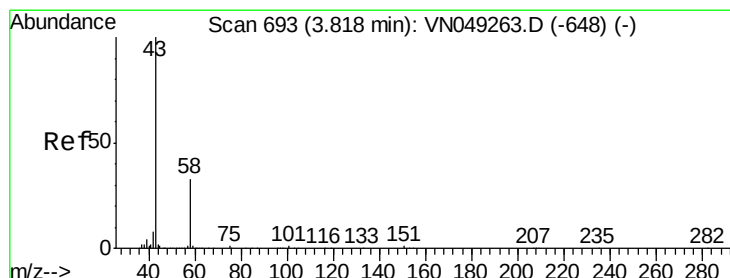
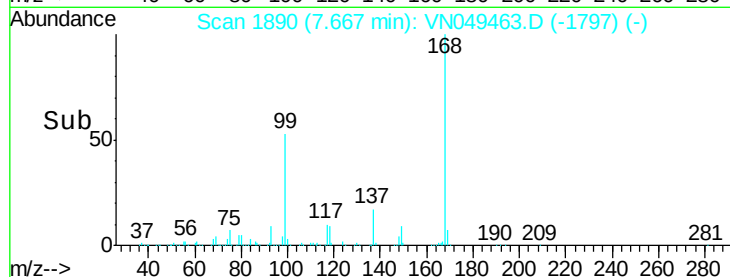
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 7.58 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049463.D

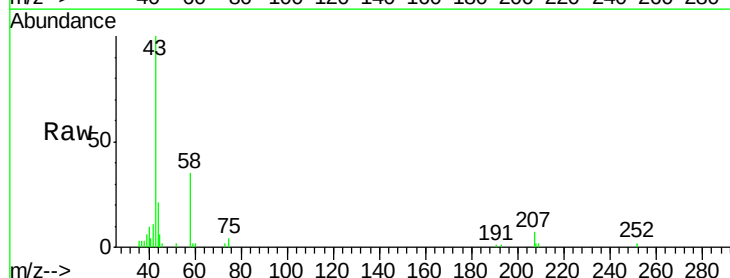
Acq: 21 Jun 2018 12:52

Tgt Ion: 43 Resp: 30365

Ion Ratio Lower Upper

43 100

58 35.2 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VN049463.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN049463.D (-600) (-)

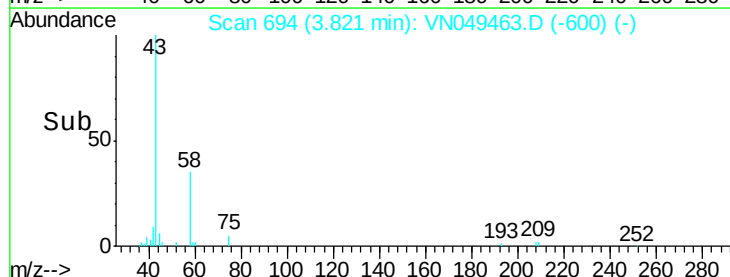
3.82

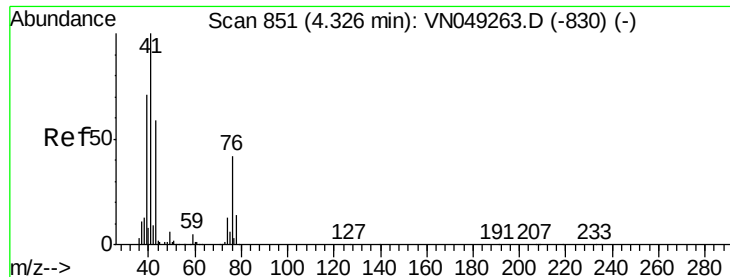
10000

5000

0

Time-->

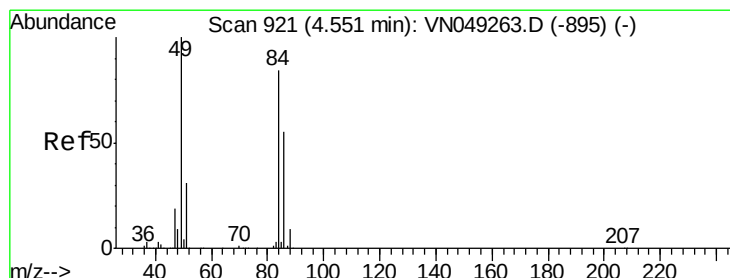
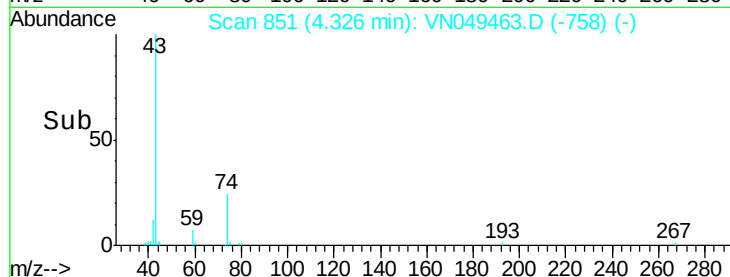
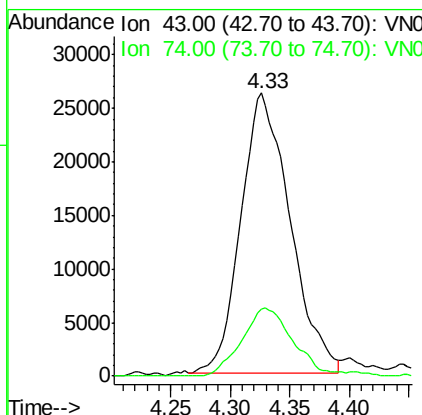
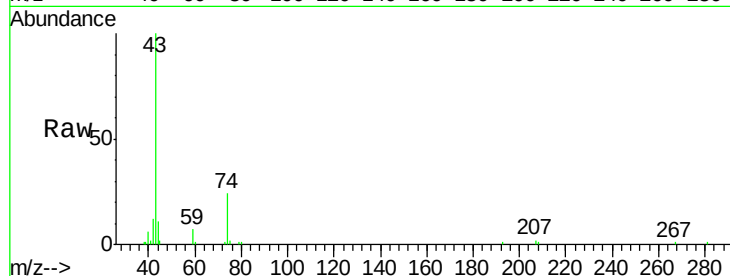




#18
Methvl Acetate
Concen: 6.15 ug/l
RT: 4.33 min Scan# 851
Delta R.T. 0.00 min
Lab File: VN049463.D
Acq: 21 Jun 2018 12:52

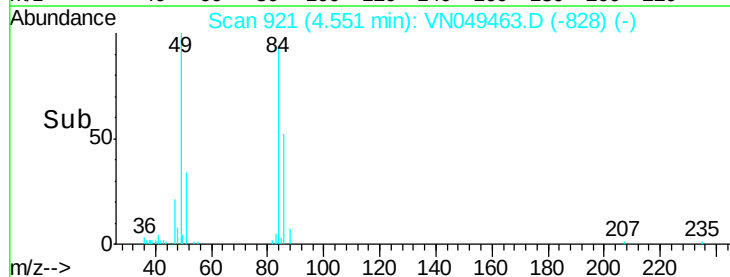
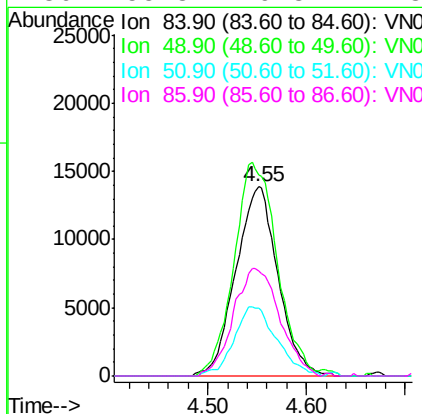
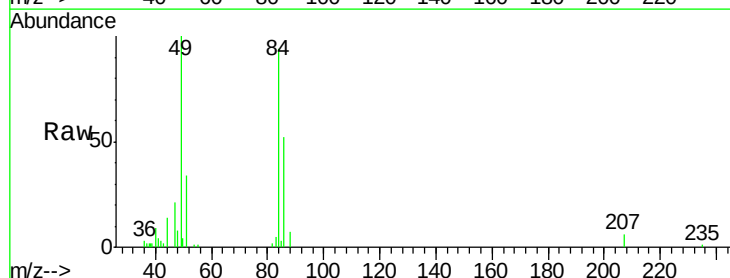
Instrument :
MSVOA_N
ClientSampleId :
PB110441TB

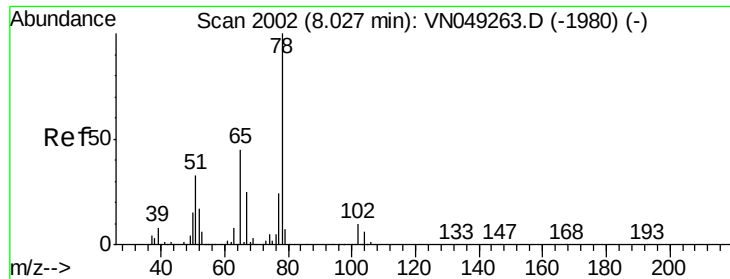
Tot Ion: 43 Resp: 75179
Ion Ratio Lower Upper
43 100
74 25.2 17.4 26.0



#20
Methylene Chloride
Concen: 2.45 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049463.D
Acq: 21 Jun 2018 12:52

Tgt Ion: 84 Resp: 41092
Ion Ratio Lower Upper
84 100
49 106.4 106.9 160.3#
51 36.2 32.7 49.1
86 55.8 49.8 74.8

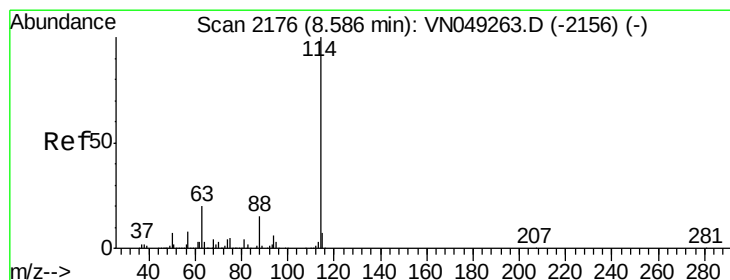
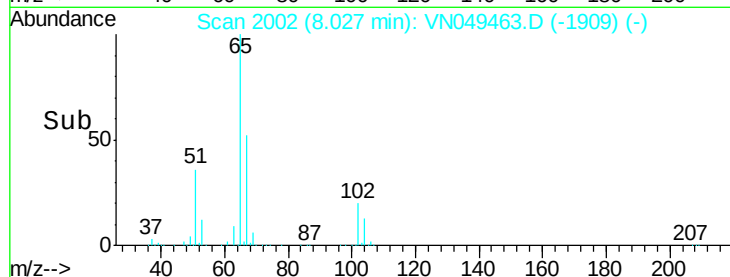
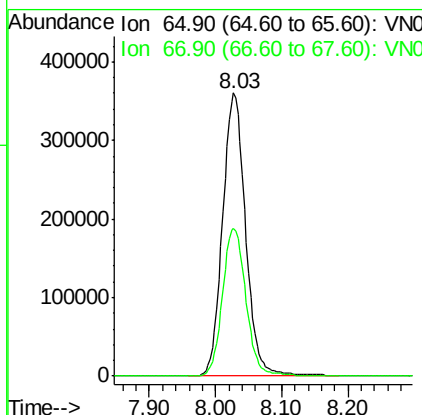
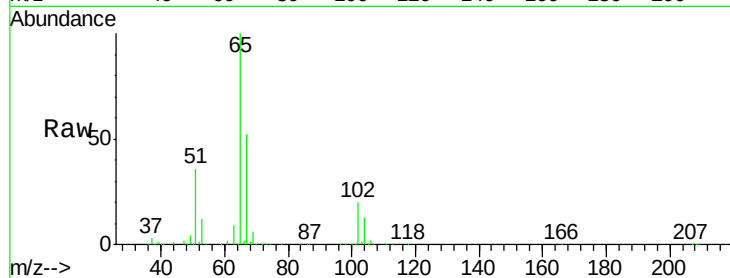




#33
 1,2-Dichloroethane-d4
 Concen: 52.69 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049463.D
 Acq: 21 Jun 2018 12:52

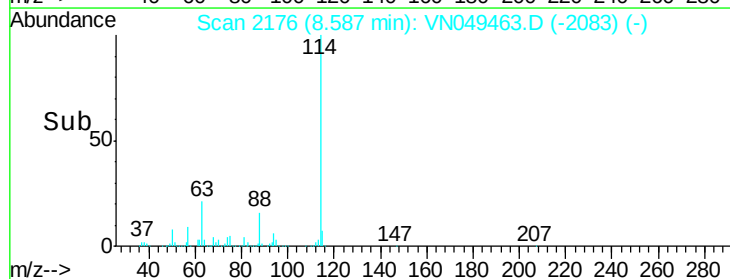
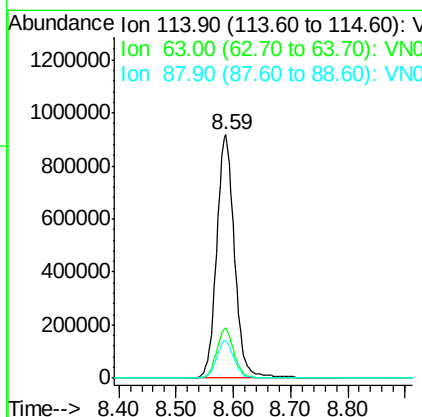
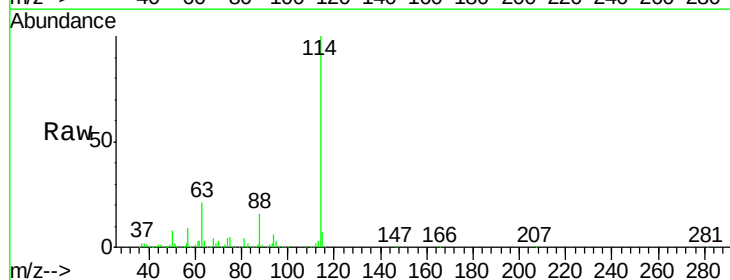
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110441TB

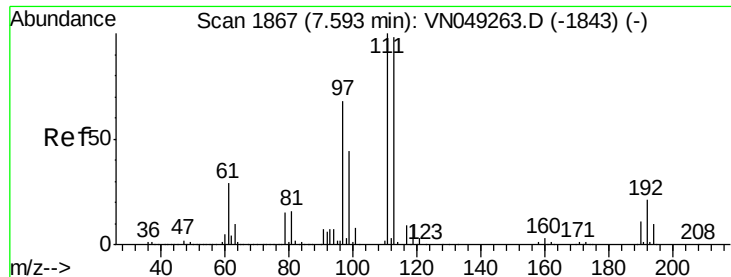
Tot Ion: 65 Resp: 869919
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049463.D
 Acq: 21 Jun 2018 12:52

Tgt Ion: 114 Resp: 1983335
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 44.4
 88 15.5 0.0 31.4

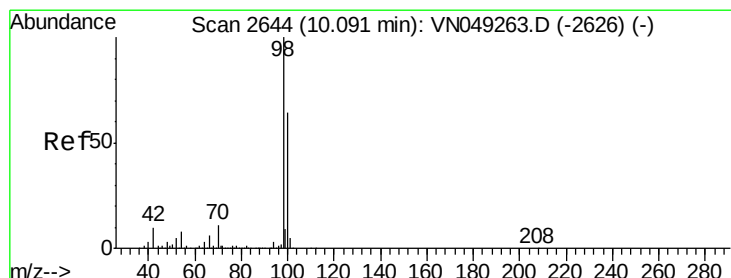
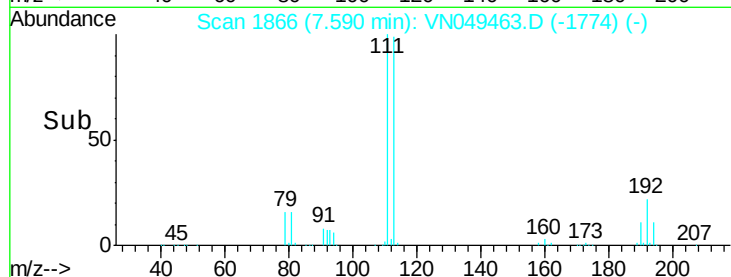
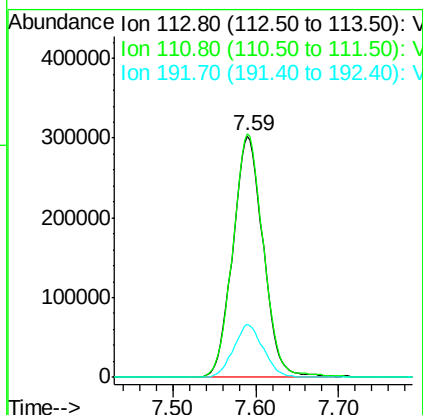
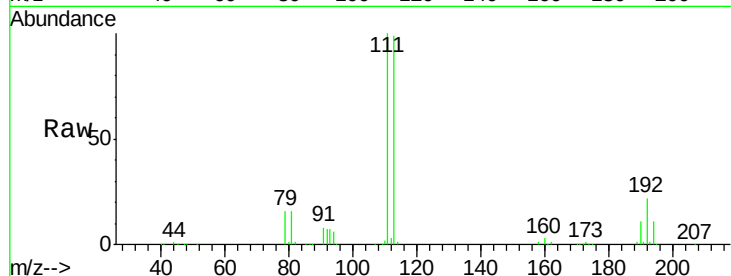




#35
 Dibromofluoromethane
 Concen: 48.06 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN049463.D
 Acq: 21 Jun 2018 12:52

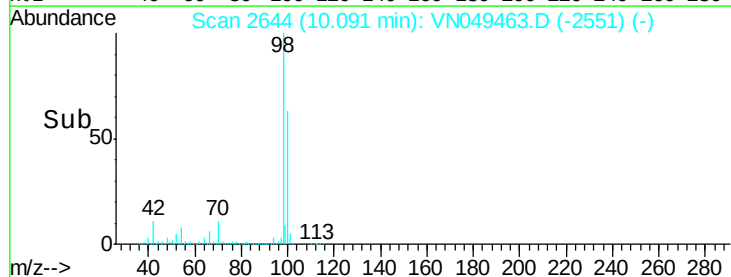
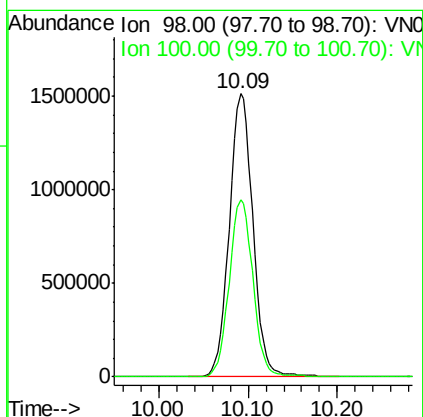
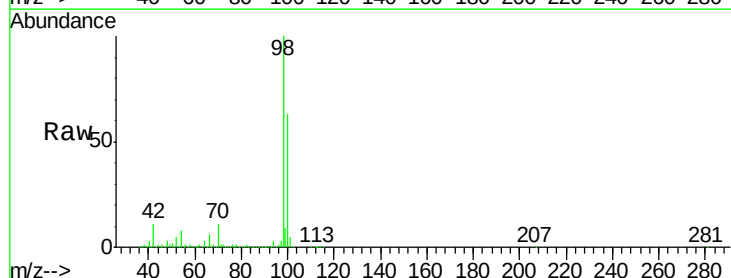
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110441TB

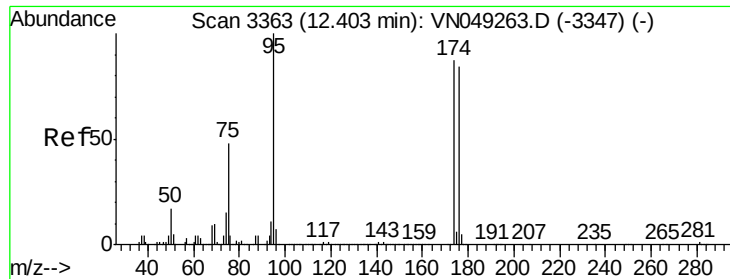
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.4	123.6
192	21.5	15.0	22.6



#50
 Toluene-d8
 Concen: 45.52 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. 0.00 min
 Lab File: VN049463.D
 Acq: 21 Jun 2018 12:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.1	49.8	74.8





#62

4-Bromofluorobenzene

Concen: 34.55 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049463.D

Acq: 21 Jun 2018 12:52

Instrument :

MSVOA_N

ClientSampleId :

PB110441TB

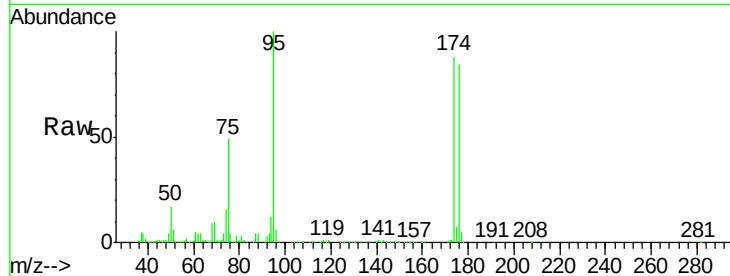
Tot Ion: 95 Resp: 698011

Ion Ratio Lower Upper

95 100

174 90.0 0.0 165.6

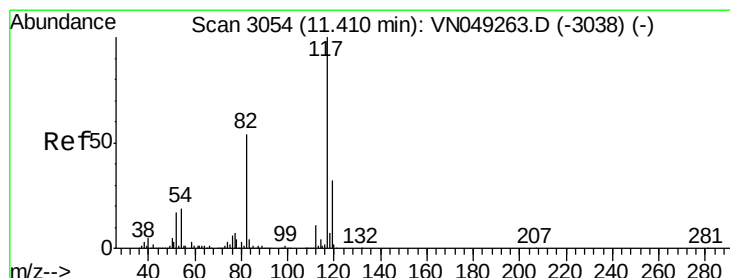
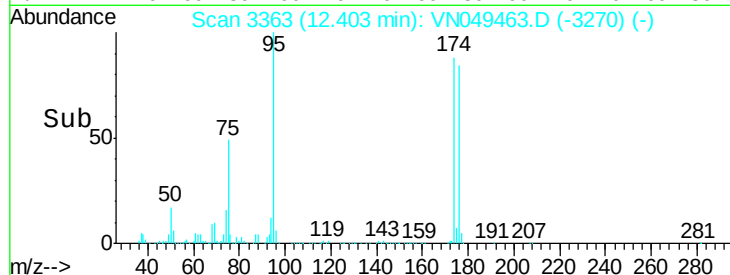
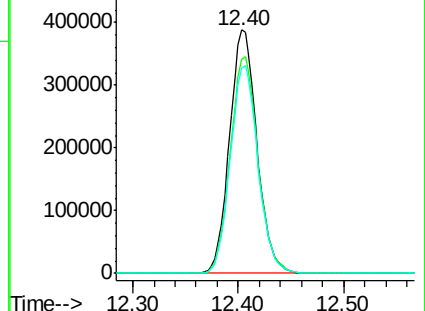
176 85.8 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049463.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN049463.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049463.D (-3347) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049463.D

Acq: 21 Jun 2018 12:52

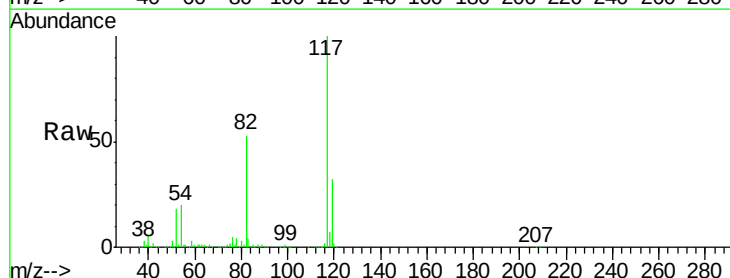
Tgt Ion: 117 Resp: 1693281

Ion Ratio Lower Upper

117 100

82 53.4 45.9 68.9

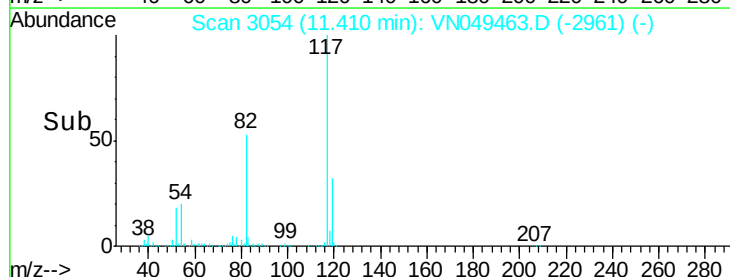
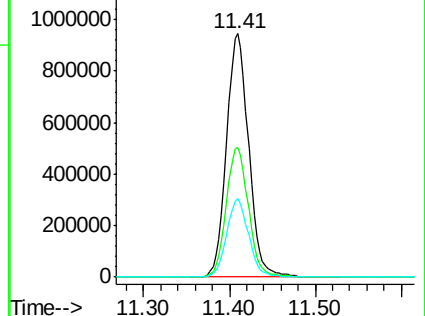
119 32.0 25.5 38.3

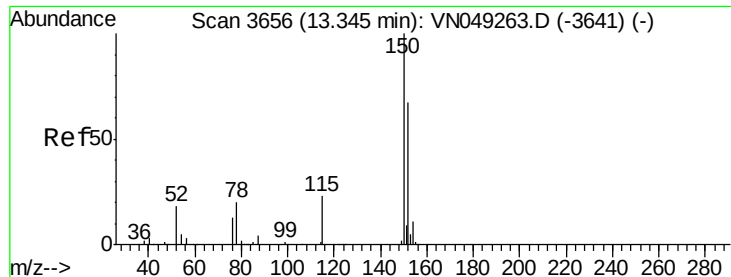


Abundance Ion 116.90 (116.60 to 117.60): VN049463.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN049463.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049463.D (-3038) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049463.D

Acq: 21 Jun 2018 12:52

Instrument :

MSVOA_N

ClientSampleId :

PB110441TB

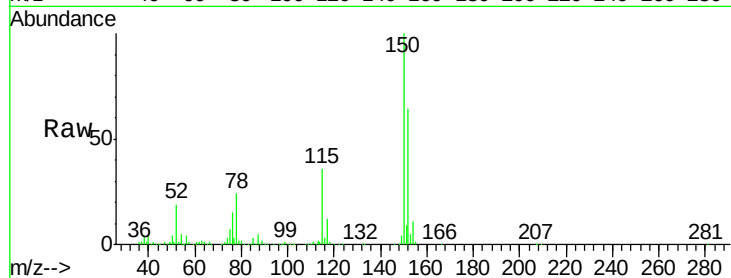
Tot Ion:152 Resp: 468034

Ion Ratio Lower Upper

152 100

115 56.5 28.7 86.1

150 156.9 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

