

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062118\
 Data File : VN049468.D
 Acq On : 21 Jun 2018 15:00
 Operator : MD\SY
 Sample : PB110441ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110441ZHE#05

Quant Time: Jun 22 04:12:11 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

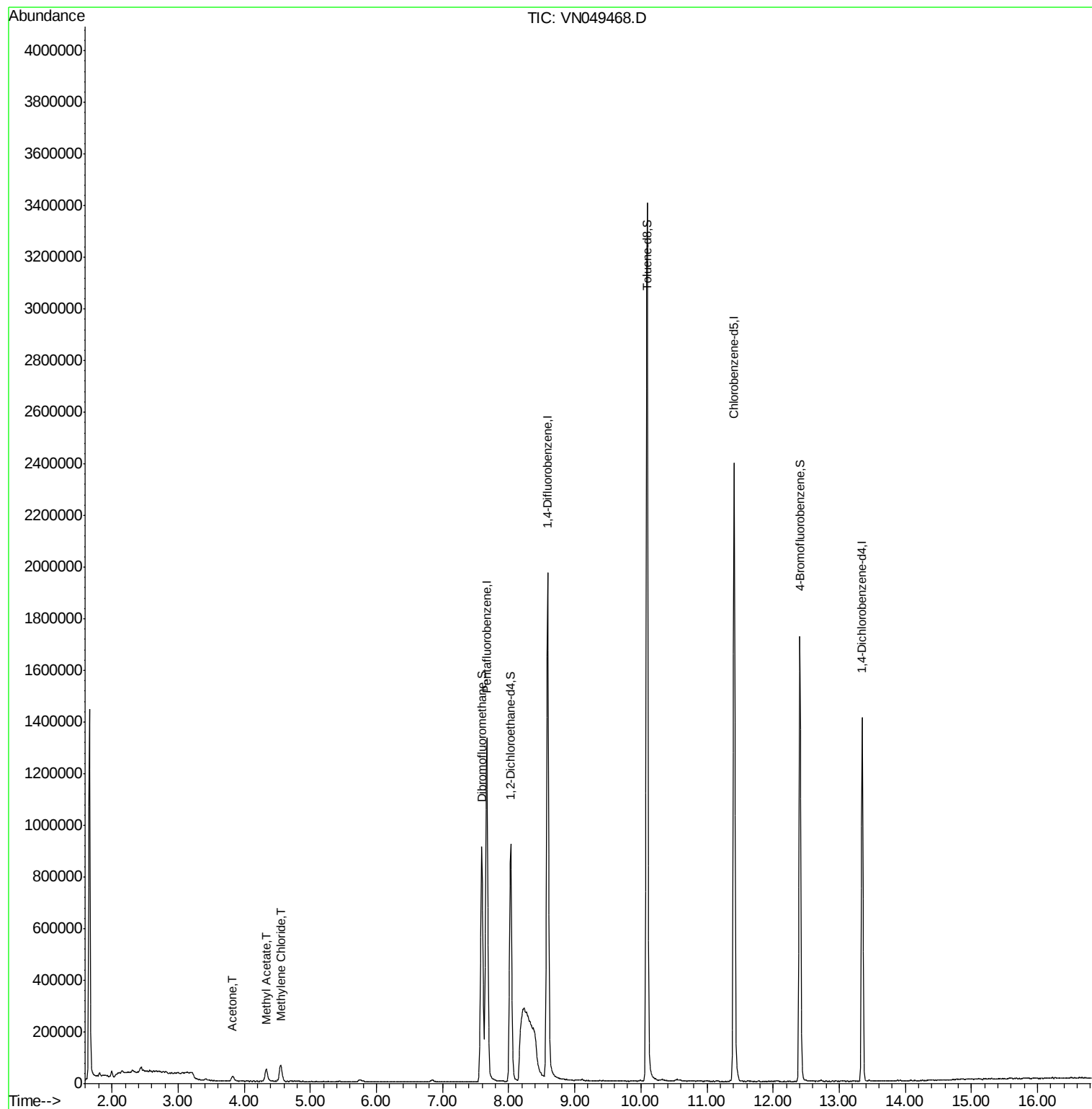
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1128584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1851435	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1505679	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	408917	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	798877	53.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.74%	
35) Dibromofluoromethane	7.59	113	700055	46.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.48%	
50) Toluene-d8	10.09	98	2494987	43.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.50%	
62) 4-Bromofluorobenzene	12.41	95	613483	32.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.06%	
Target Compounds						
16) Acetone	3.82	43	30202	8.31	ug/l	# 89
18) Methyl Acetate	4.33	43	93673	8.45	ug/l	98
20) Methylene Chloride	4.55	84	46769	3.08	ug/l	90

(#) = 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# 1890

Delta R.T. 0.00 min

Lab File: VN049468.D

Acq: 21 Jun 2018 15:00

Instrument :

MSVOA_N

ClientSampleId :

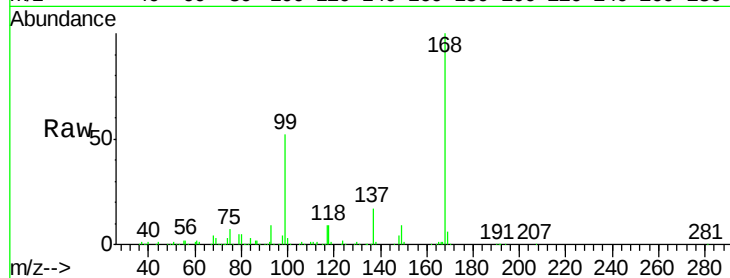
PB110441ZHE#05

Tot Ion:168 Resp: 1128584

Ion Ratio Lower Upper

168 100

99 52.3 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

500000

400000

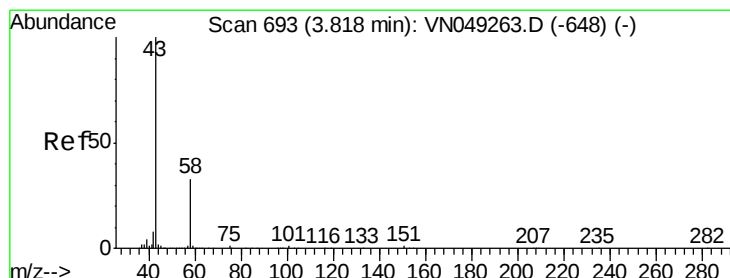
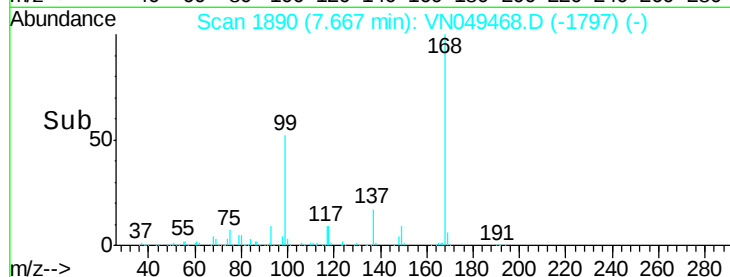
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 8.31 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049468.D

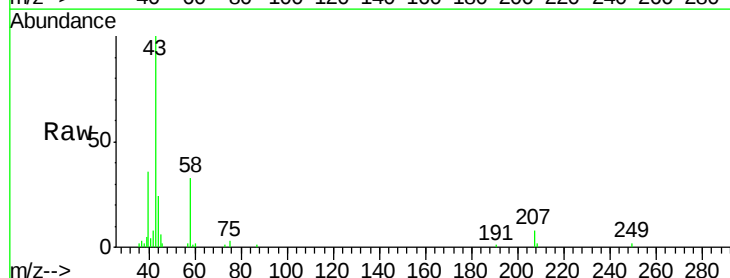
Acq: 21 Jun 2018 15:00

Tgt Ion: 43 Resp: 30202

Ion Ratio Lower Upper

43 100

58 34.0 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

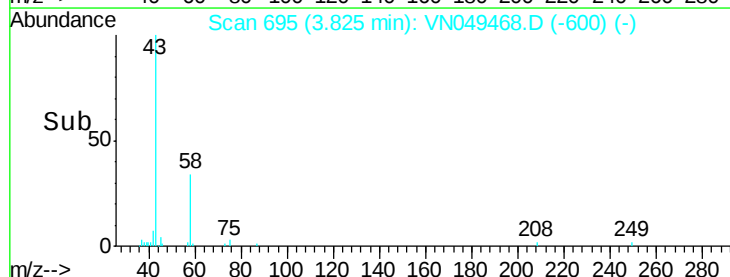
3.82

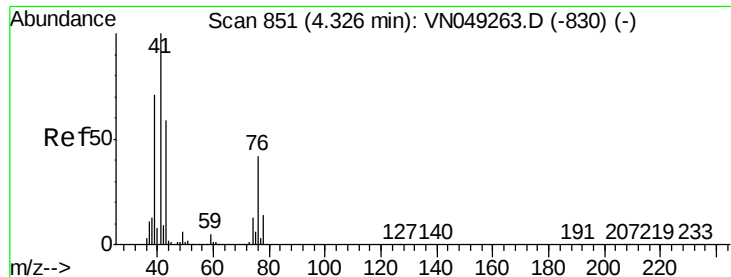
10000

5000

0

Time-->

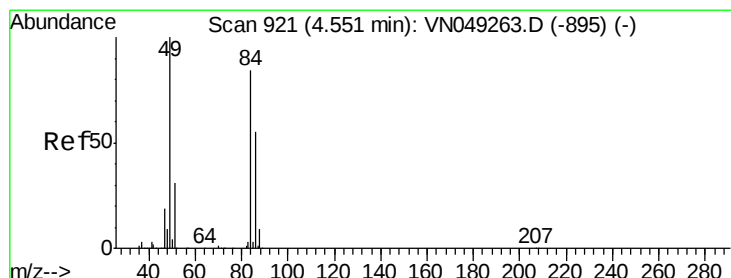
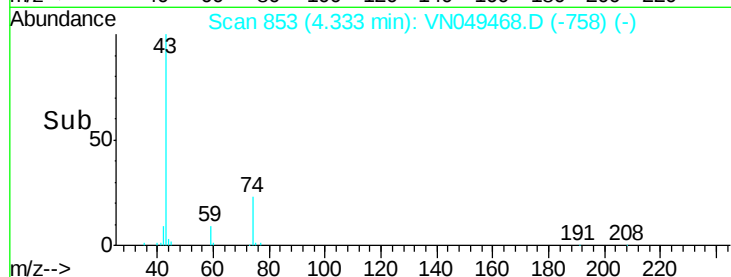
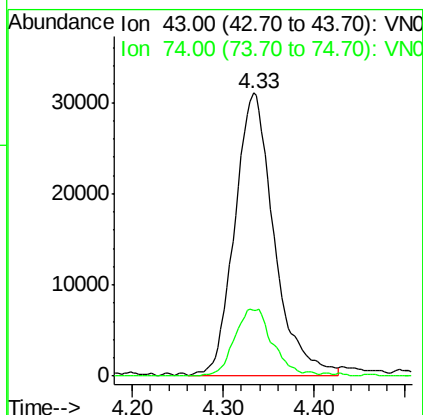
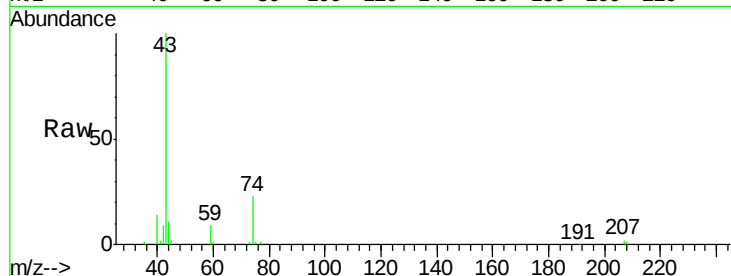




#18
Methvl Acetate
Concen: 8.45 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049468.D
Acq: 21 Jun 2018 15:00

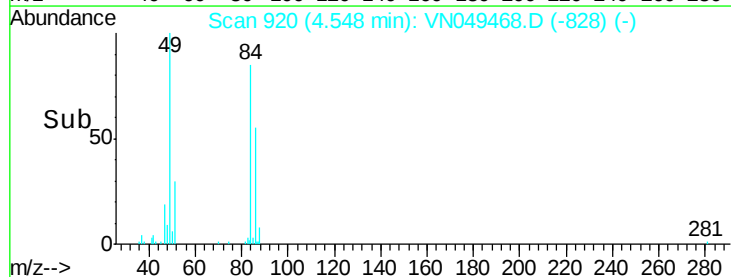
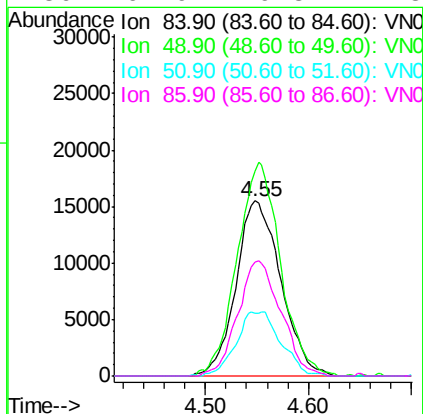
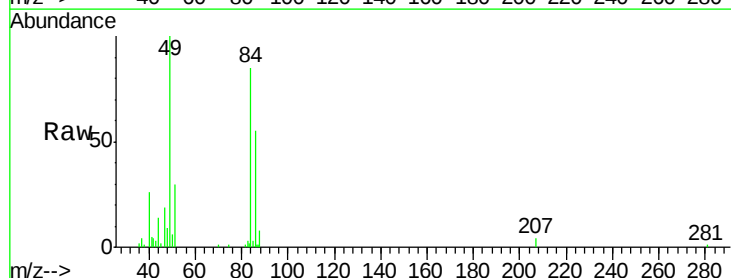
Instrument :
MSVOA_N
ClientSampleId :
PB110441ZHE#05

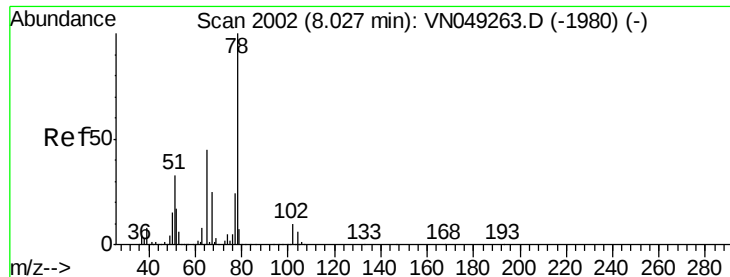
Tot Ion: 43 Resp: 93673
Ion Ratio Lower Upper
43 100
74 22.6 17.4 26.0



#20
Methylene Chloride
Concen: 3.08 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049468.D
Acq: 21 Jun 2018 15:00

Tgt Ion: 84 Resp: 46769
Ion Ratio Lower Upper
84 100
49 117.2 106.9 160.3
51 35.6 32.7 49.1
86 64.9 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 53.37 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049468.D

Acq: 21 Jun 2018 15:00

Instrument :

MSVOA_N

ClientSampleId :

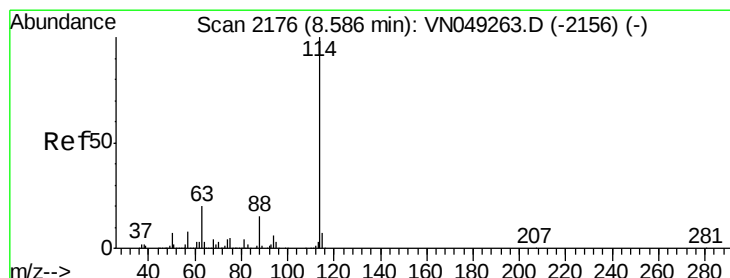
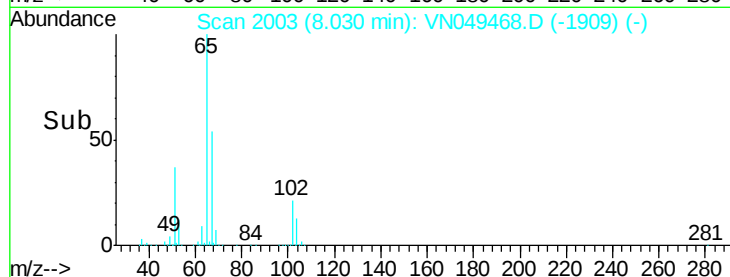
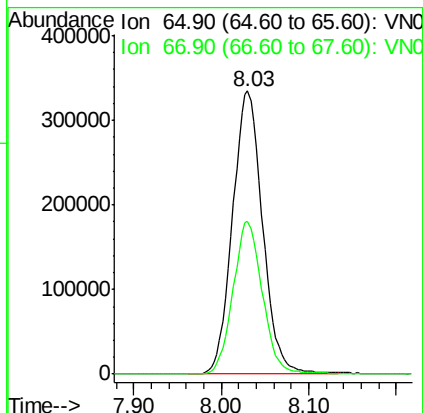
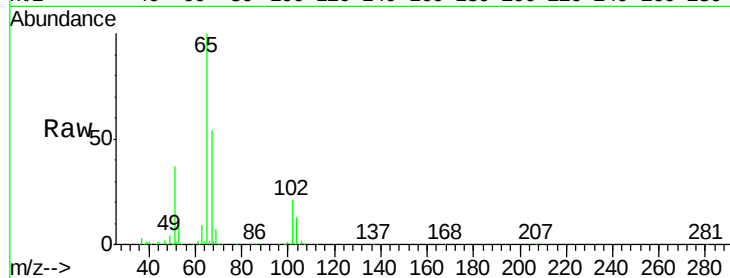
PB110441ZHE#05

Tot Ion: 65 Resp: 798877

Ion Ratio Lower Upper

65 100

67 52.6 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: VN049468.D

Acq: 21 Jun 2018 15:00

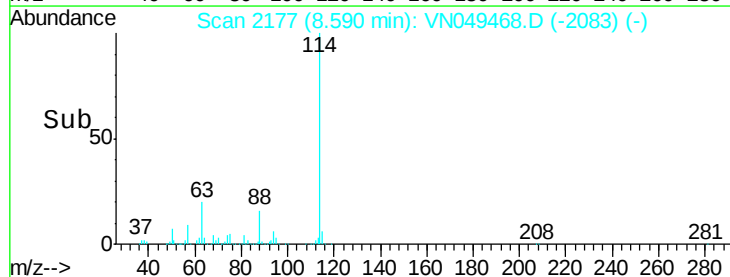
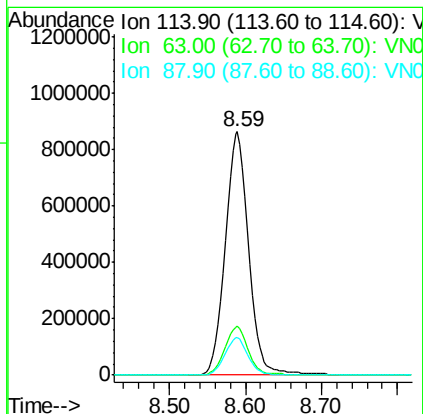
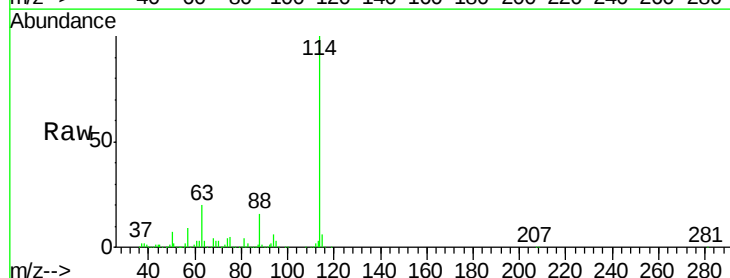
Tgt Ion: 114 Resp: 1851435

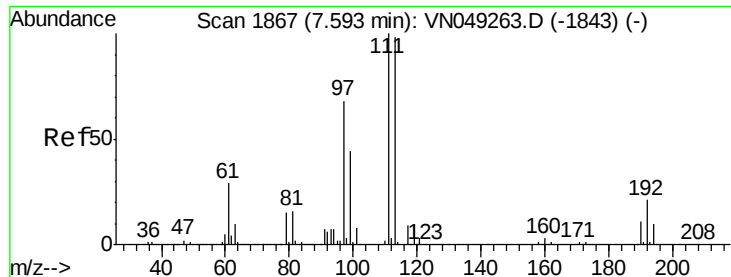
Ion Ratio Lower Upper

114 100

63 19.9 0.0 44.4

88 15.7 0.0 31.4

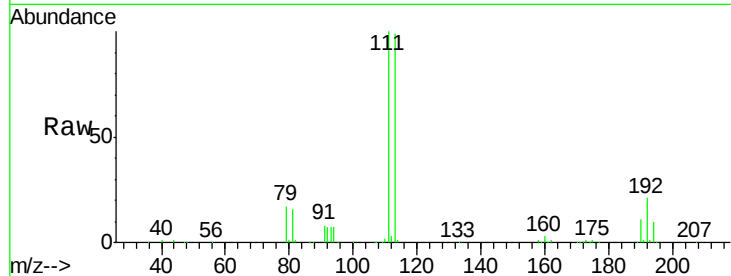




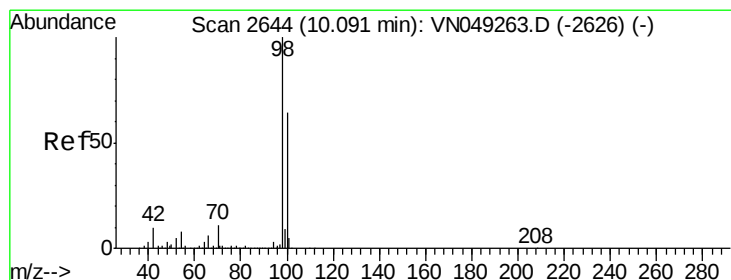
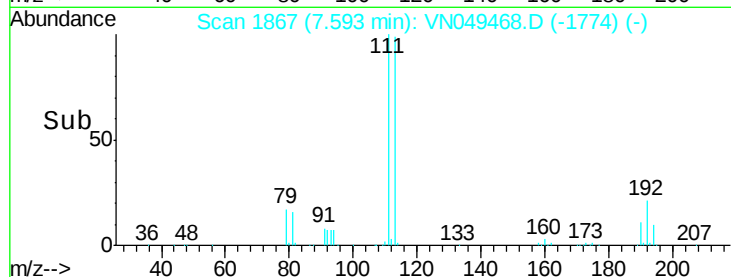
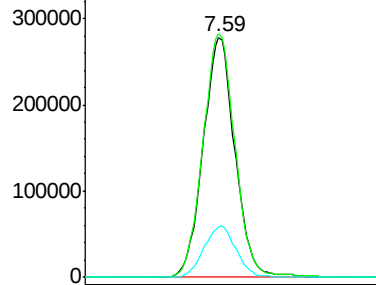
#35
 Dibromofluoromethane
 Concen: 46.74 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049468.D
 Acq: 21 Jun 2018 15:00

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110441ZHE#05

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.4	123.6
192	21.7	15.0	22.6

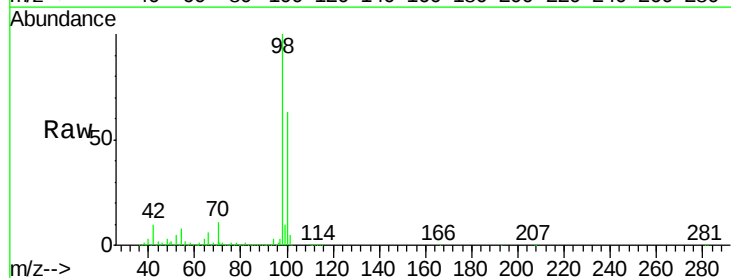


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

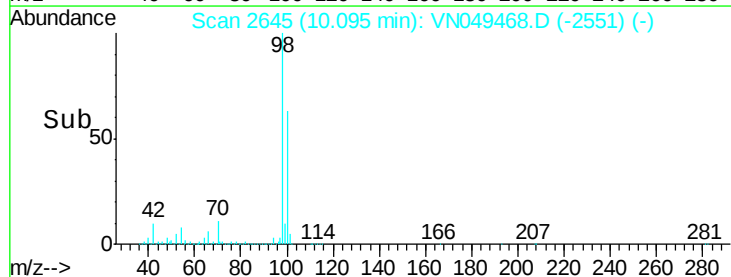
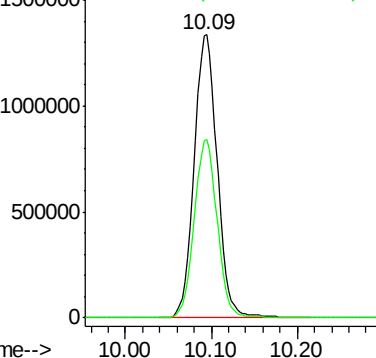


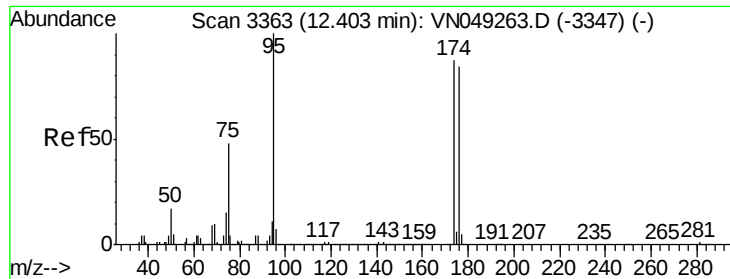
#50
 Toluene-d8
 Concen: 43.75 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN049468.D
 Acq: 21 Jun 2018 15:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.9	49.8	74.8



Abundance Ion 98.00 (97.70 to 98.70): VN
 Ion 100.00 (99.70 to 100.70): VN

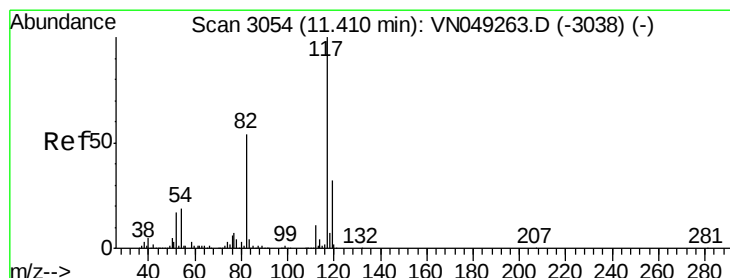
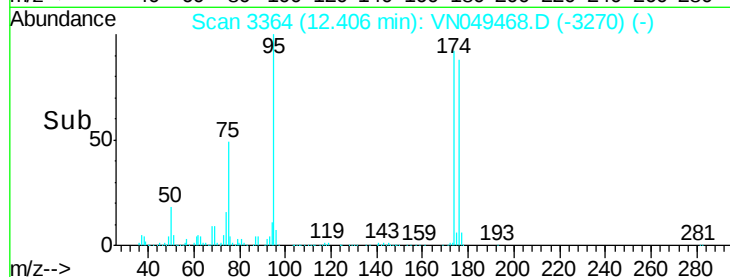
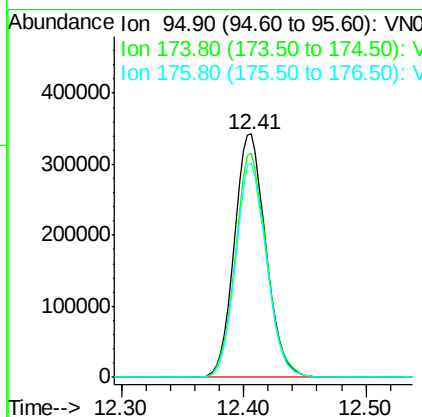
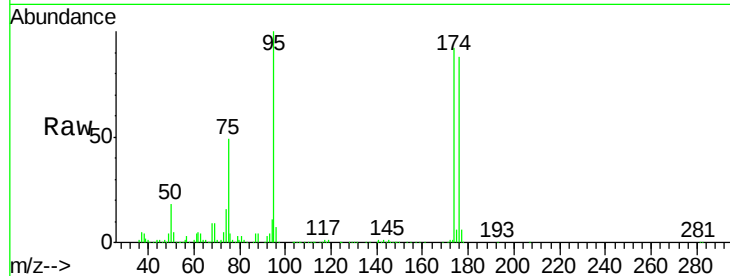




#62
4-Bromofluorobenzene
Concen: 32.53 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN049468.D
Acq: 21 Jun 2018 15:00

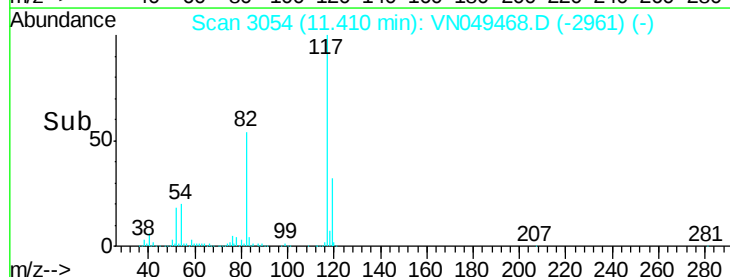
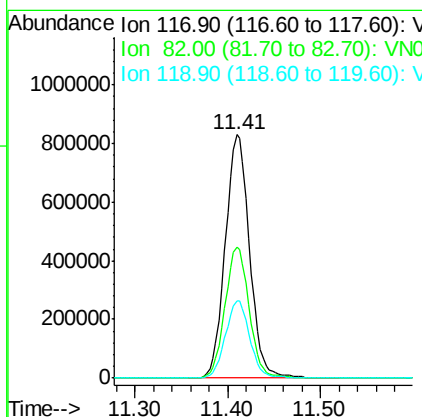
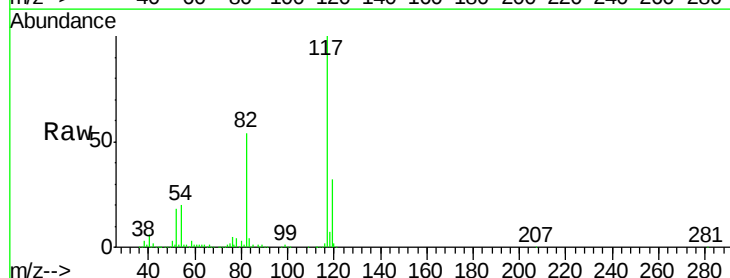
Instrument :
MSVOA_N
ClientSampleId :
PB110441ZHE#05

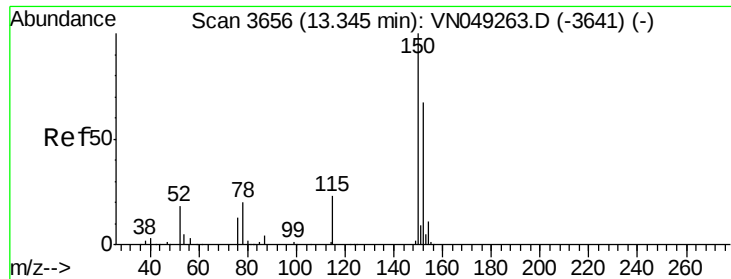
Tot Ion: 95 Resp: 613483
Ion Ratio Lower Upper
95 100
174 91.3 0.0 165.6
176 86.0 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049468.D
Acq: 21 Jun 2018 15:00

Tgt Ion: 117 Resp: 1505679
Ion Ratio Lower Upper
117 100
82 54.0 45.9 68.9
119 31.8 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: VN049468.D

Acq: 21 Jun 2018 15:00

Instrument :

MSVOA_N

ClientSampleId :

PB110441ZHE#05

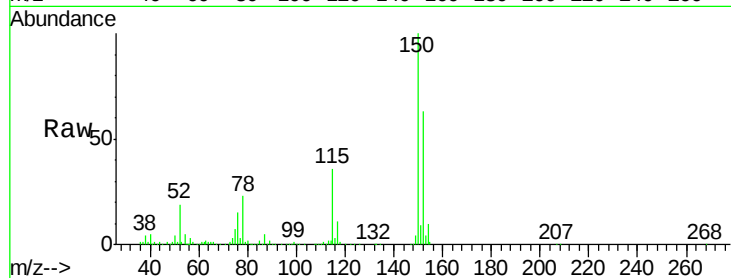
Tot Ion:152 Resp: 408917

Ion Ratio Lower Upper

152 100

115 55.7 28.7 86.1

150 155.9 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

