

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
 Data File : VN049395.D
 Acq On : 19 Jun 2018 19:30
 Operator : MD\SY
 Sample : PB110363ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110363ZHE#07

Quant Time: Jun 20 05:14:13 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

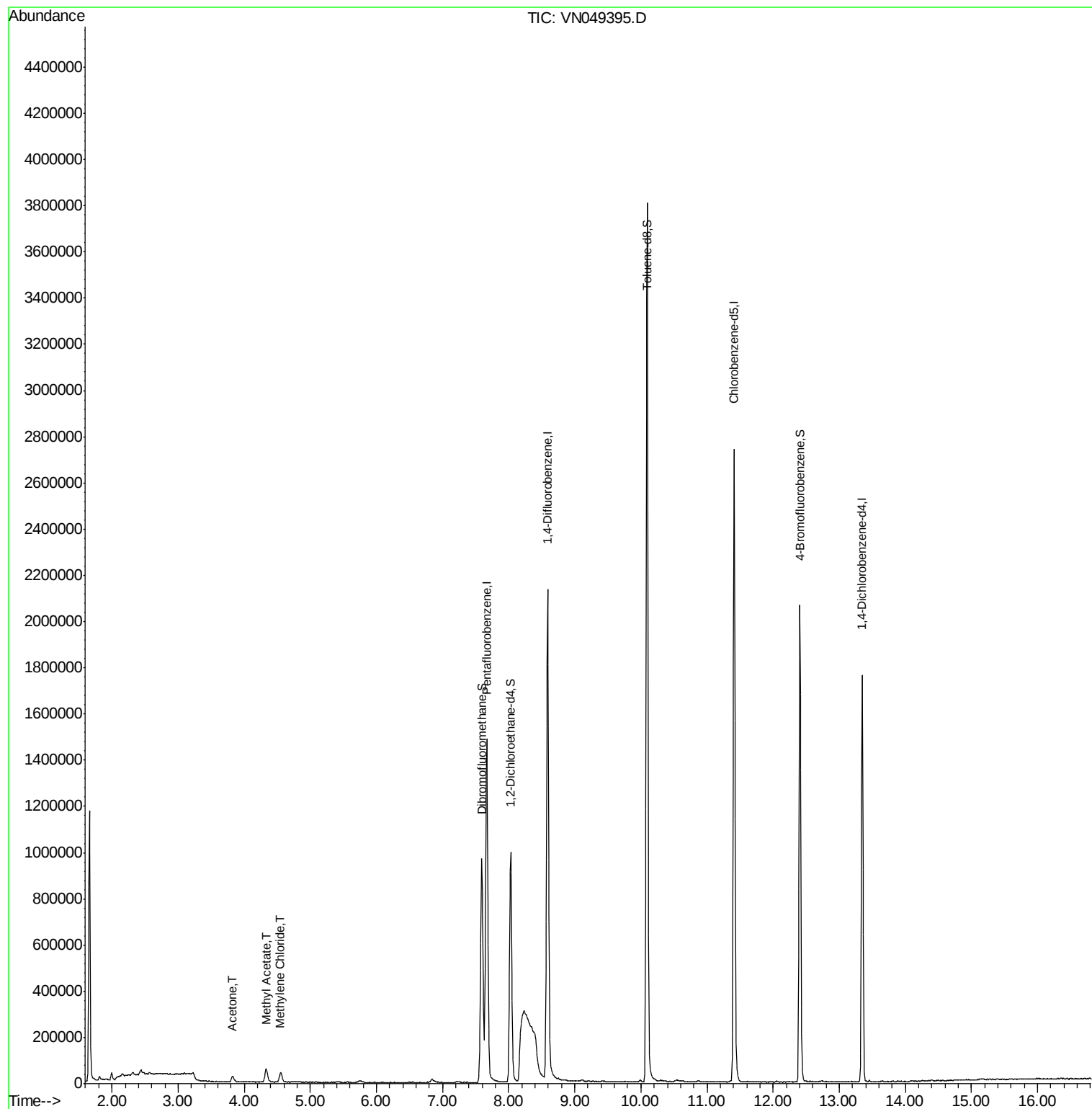
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1284587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2043180	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1679317	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	512506	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	857444	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
35) Dibromofluoromethane	7.59	113	753924	45.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.22%	
50) Toluene-d8	10.09	98	2761486	43.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.74%	
62) 4-Bromofluorobenzene	12.41	95	733784	35.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.52%	
Target Compounds						
16) Acetone	3.82	43	43107	10.420	ug/l	97
18) Methyl Acetate	4.33	43	111740	8.859	ug/l	95
20) Methylene Chloride	4.55	84	29880	1.729	ug/l	92

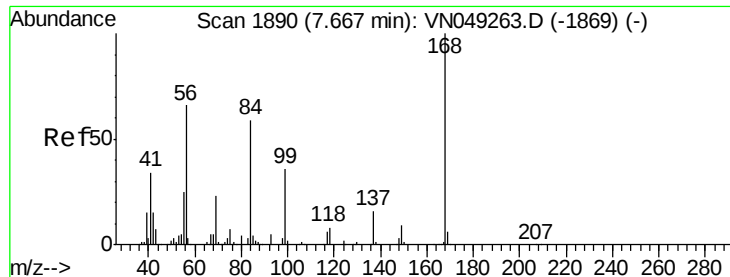
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049395.D

Acq: 19 Jun 2018 19:30

Instrument :

MSVOA_N

ClientSampleId :

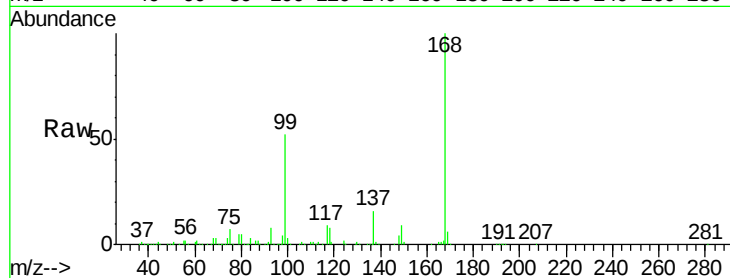
PB110363ZHE#07

Tot Ion:168 Resp: 1284587

Ion Ratio Lower Upper

168 100

99 51.5 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

600000

500000

400000

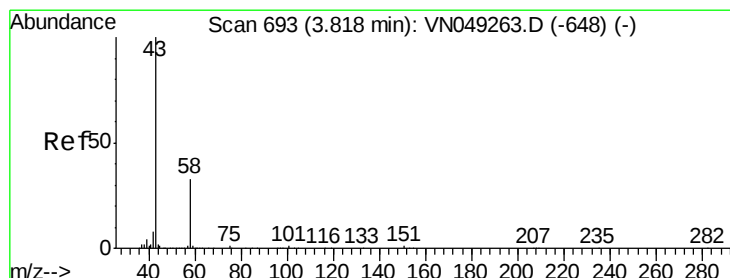
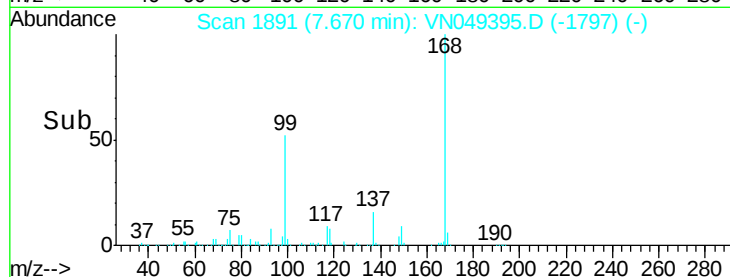
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 10.420 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049395.D

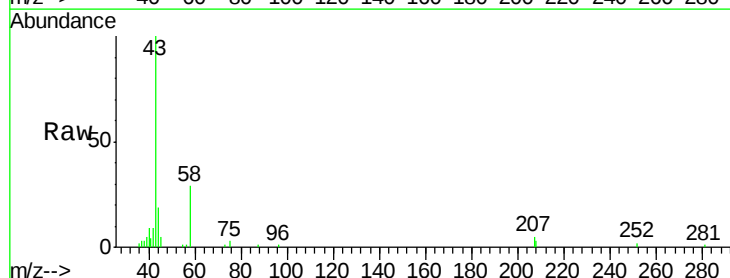
Acq: 19 Jun 2018 19:30

Tgt Ion: 43 Resp: 43107

Ion Ratio Lower Upper

43 100

58 29.5 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

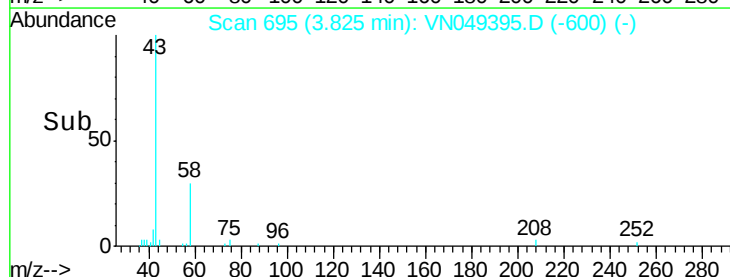
15000

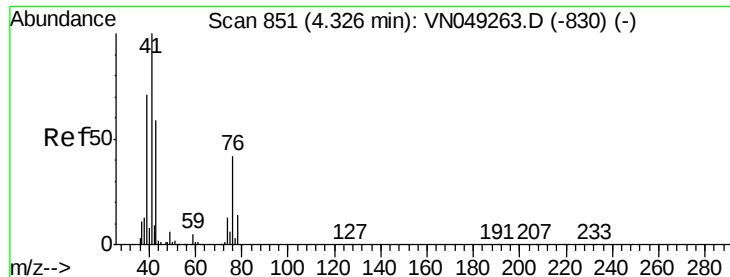
10000

5000

0

Time--> 3.75 3.80 3.85 3.90

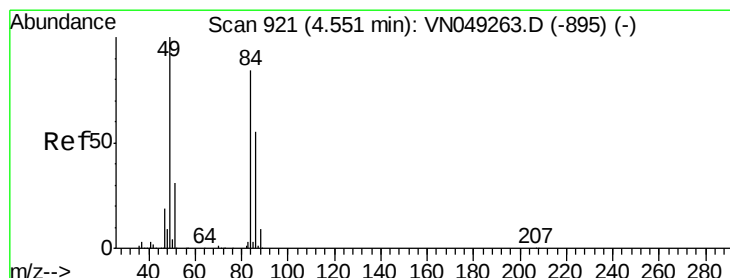
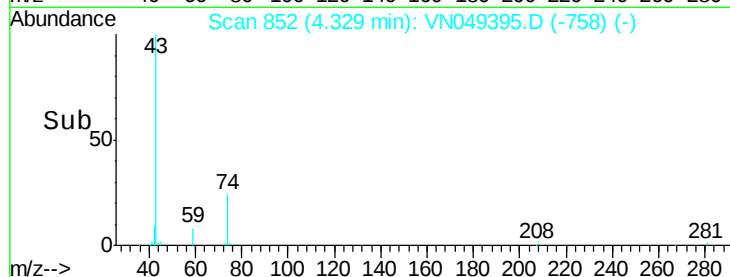
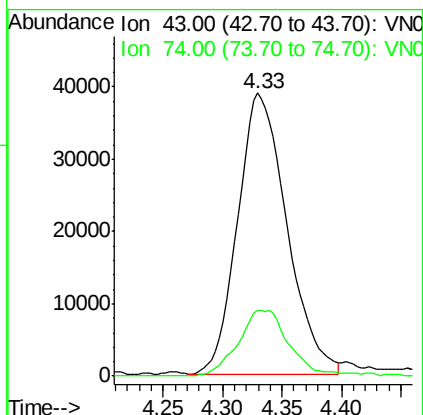
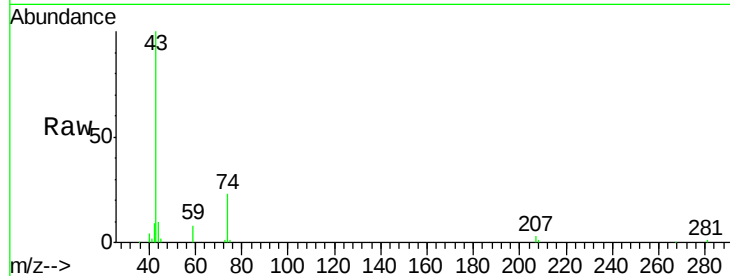




#18
Methvl Acetate
Concen: 8.859 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049395.D
Acq: 19 Jun 2018 19:30

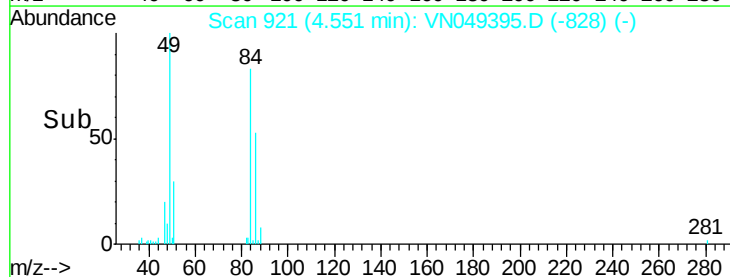
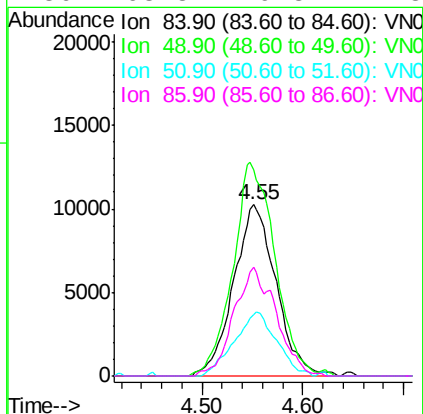
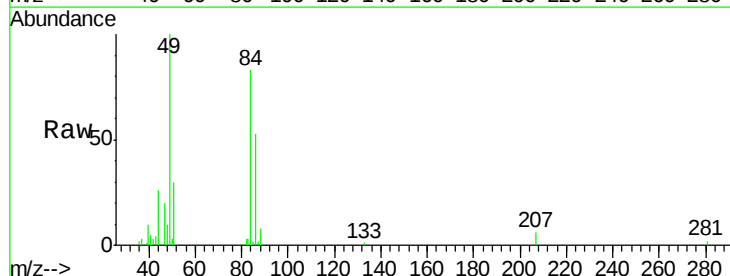
Instrument :
MSVOA_N
ClientSampleId :
PB110363ZHE#07

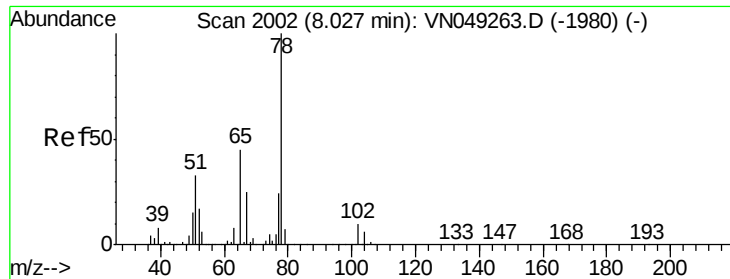
Tot Ion: 43 Resp: 111740
Ion Ratio Lower Upper
43 100
74 24.2 17.4 26.0



#20
Methylene Chloride
Concen: 1.729 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049395.D
Acq: 19 Jun 2018 19:30

Tgt Ion: 84 Resp: 29880
Ion Ratio Lower Upper
84 100
49 120.1 106.9 160.3
51 36.2 32.7 49.1
86 63.8 49.8 74.8

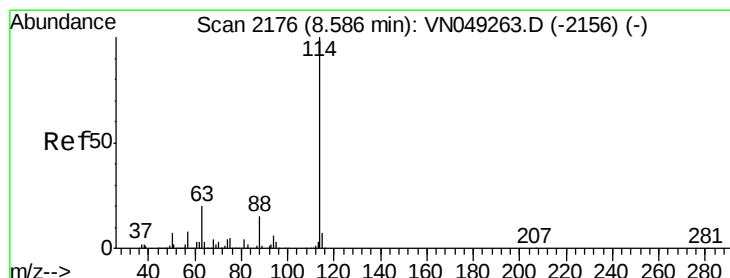
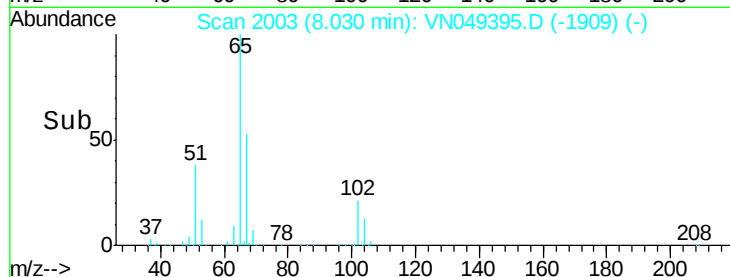
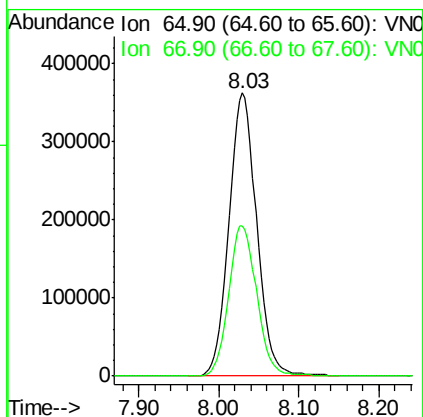
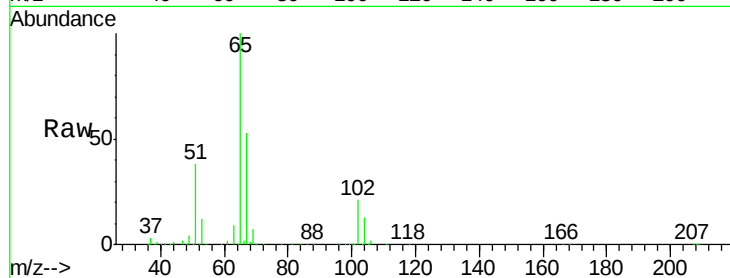




#33
 1,2-Dichloroethane-d4
 Concen: 50.326 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049395.D
 Acq: 19 Jun 2018 19:30

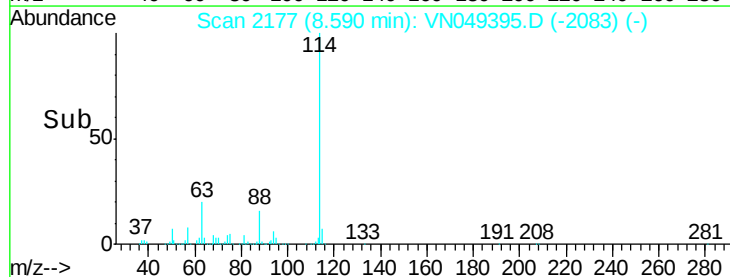
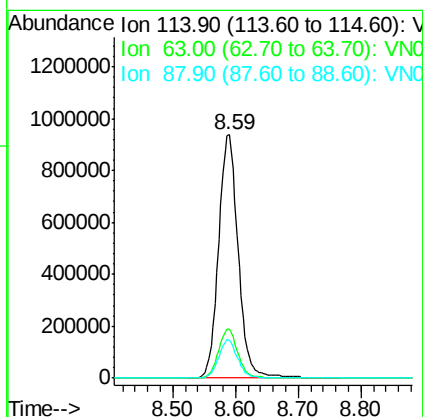
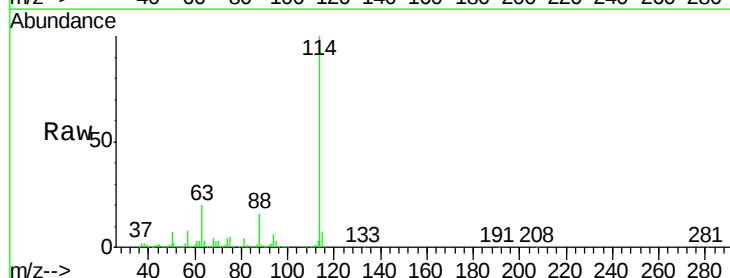
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110363ZHE#07

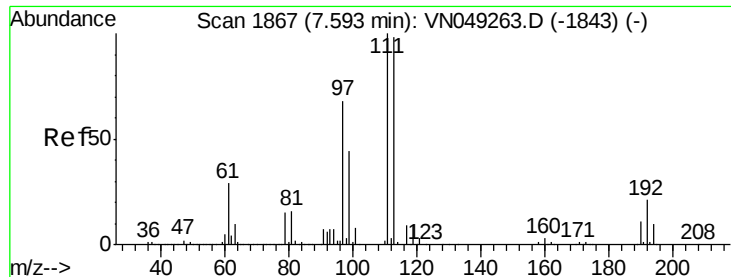
Tot Ion: 65 Resp: 857444
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049395.D
 Acq: 19 Jun 2018 19:30

Tgt Ion: 114 Resp: 2043180
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 44.4
 88 15.6 0.0 31.4

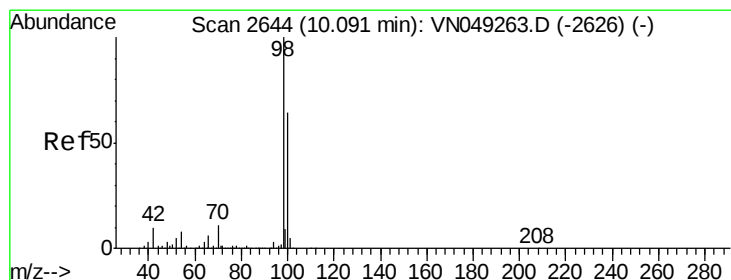
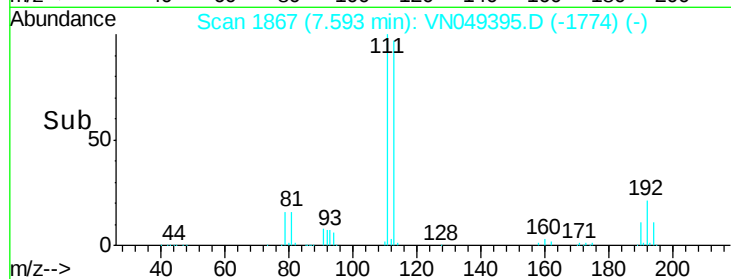
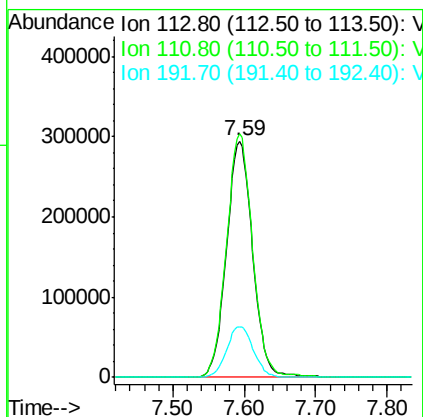
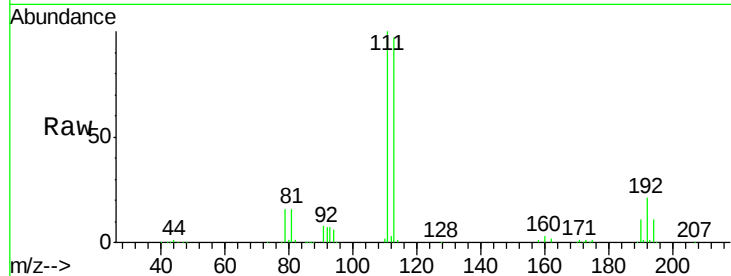




#35
Dibromofluoromethane
Concen: 45.609 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049395.D
Acq: 19 Jun 2018 19:30

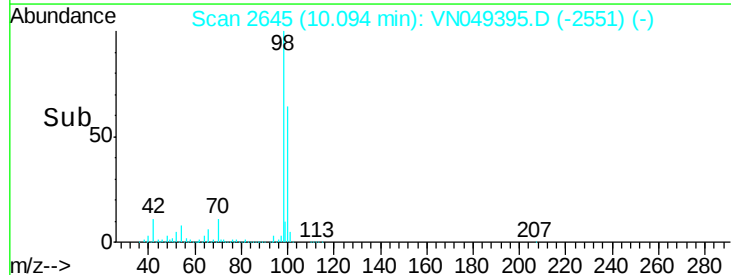
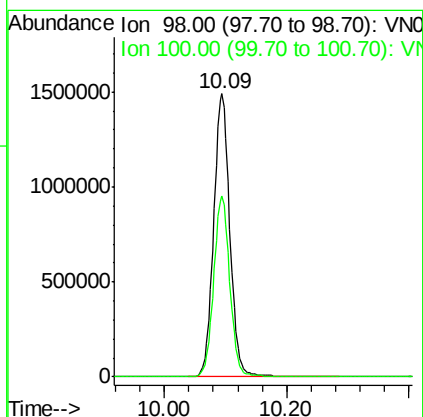
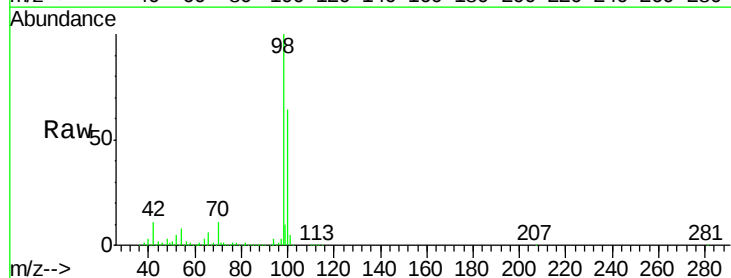
Instrument :
MSVOA_N
ClientSampleId :
PB110363ZHE#07

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.4	123.6
192	22.0	15.0	22.6



#50
Toluene-d8
Concen: 43.874 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049395.D
Acq: 19 Jun 2018 19:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	49.8	74.8





#62

4-Bromofluorobenzene

Concen: 35.258 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049395.D

Acq: 19 Jun 2018 19:30

Instrument :

MSVOA_N

ClientSampleId :

PB110363ZHE#07

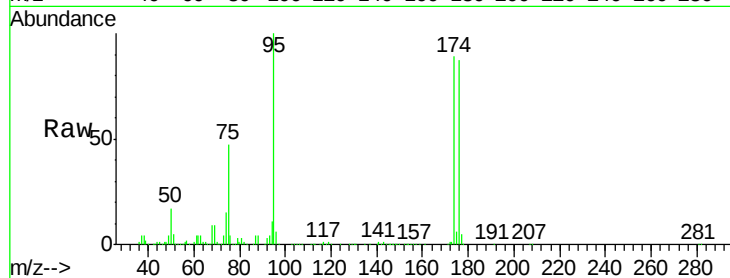
Tot Ion: 95 Resp: 733784

Ion Ratio Lower Upper

95 100

174 89.0 0.0 165.6

176 85.4 0.0 157.4



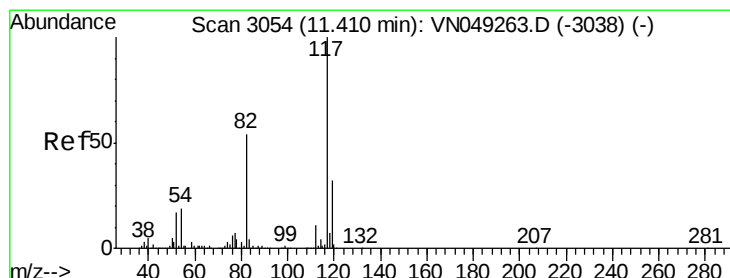
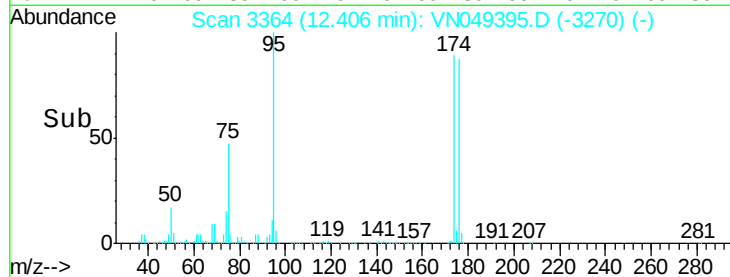
Abundance Ion 94.90 (94.60 to 95.60): VN049263.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN049263.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049263.D (-3347) (-)

12.41

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049395.D

Acq: 19 Jun 2018 19:30

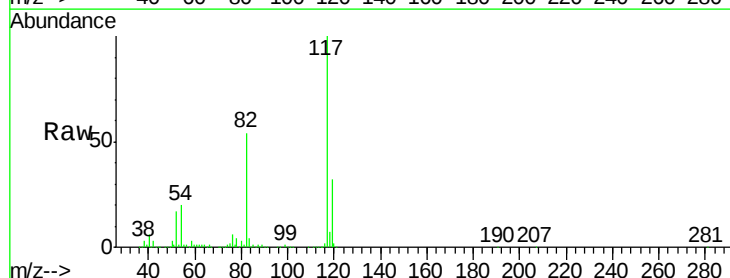
Tgt Ion: 117 Resp: 1679317

Ion Ratio Lower Upper

117 100

82 53.6 45.9 68.9

119 32.3 25.5 38.3



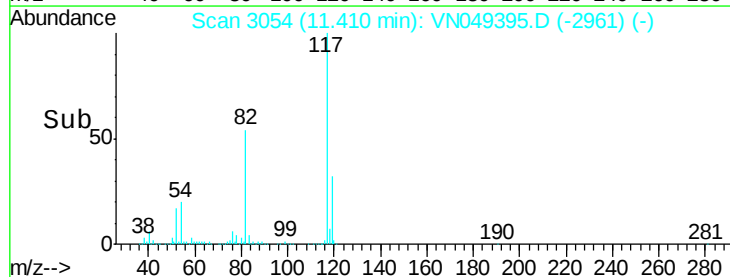
Abundance Ion 116.90 (116.60 to 117.60): VN049263.D (-3038) (-)

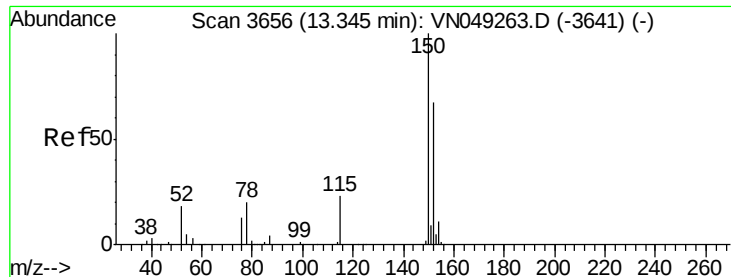
Ion 82.00 (81.70 to 82.70): VN049263.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049263.D (-3038) (-)

11.41

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049395.D

Acq: 19 Jun 2018 19:30

Instrument :

MSVOA_N

ClientSampleId :

PB110363ZHE#07

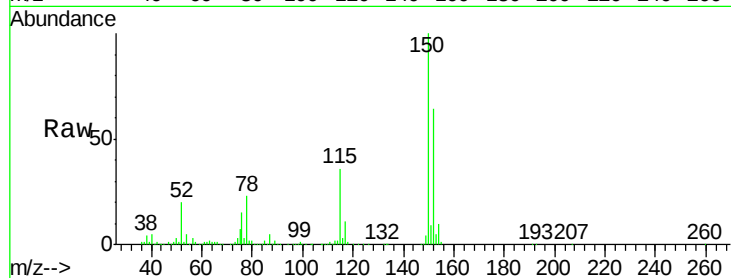
Tot Ion:152 Resp: 512506

Ion Ratio Lower Upper

152 100

115 56.9 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

