

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061818\
 Data File : VN049379.D
 Acq On : 19 Jun 2018 7:32
 Operator : MD\SY
 Sample : J3431-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SW-1RR

Quant Time: Jun 19 08:53:45 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

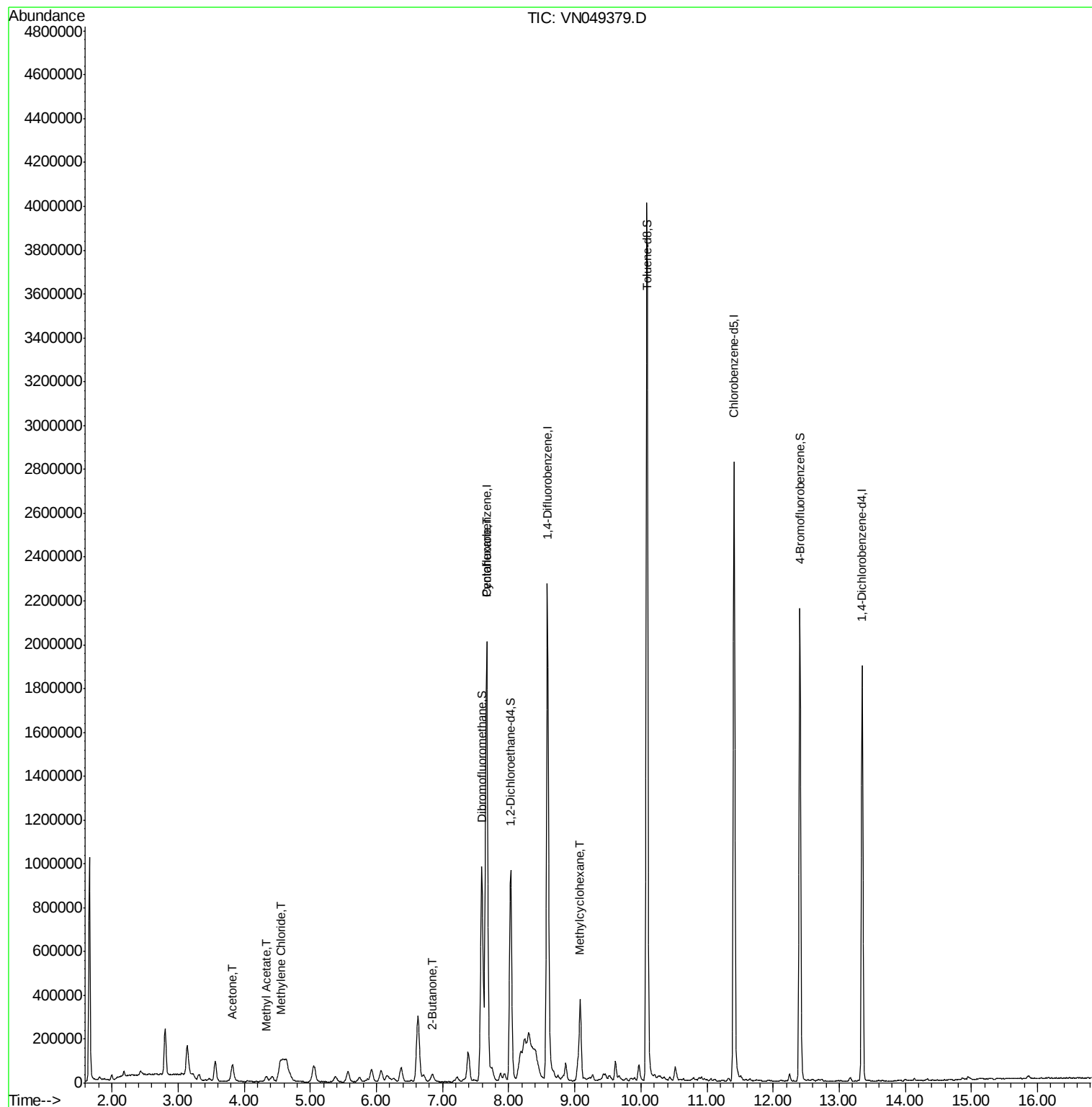
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1407121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2078153	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1738746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	541494	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	846592	45.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.72%	
35) Dibromofluoromethane	7.59	113	768046	45.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.36%	
50) Toluene-d8	10.09	98	2906001	45.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.78%	
62) 4-Bromofluorobenzene	12.41	95	770829	36.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.82%	
Target Compounds						
16) Acetone	3.82	43	132089	29.149	ug/l	96
18) Methyl Acetate	4.33	43	48185	3.487	ug/l	98
20) Methylene Chloride	4.55	84	49874	2.635	ug/l	89
25) 2-Butanone	6.85	43	54059	8.884	ug/l	96
31) Cyclohexane	7.66	56	293690	10.501	ug/l #	83
39) Methylcyclohexane	9.08	83	155293	6.074	ug/l	95

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

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049379.D

Acq: 19 Jun 2018 7:32

Instrument :

MSVOA_N

ClientSampleId :

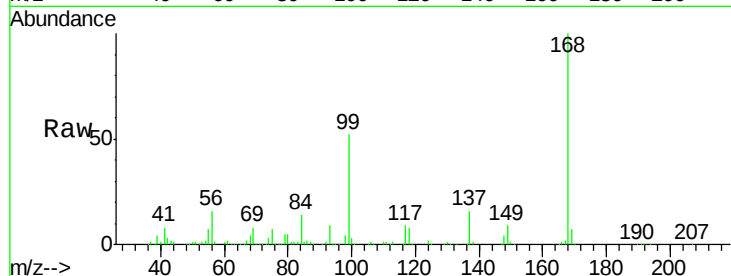
SW-1RR

Tot Ion:168 Resp: 1407121

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

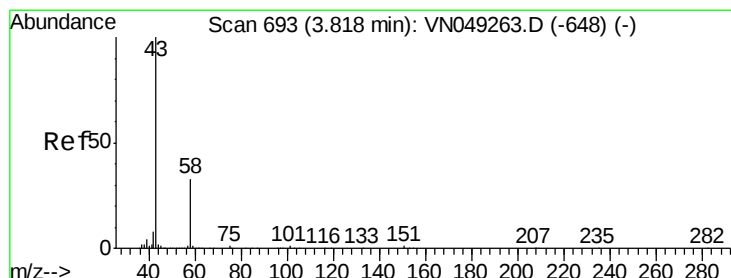
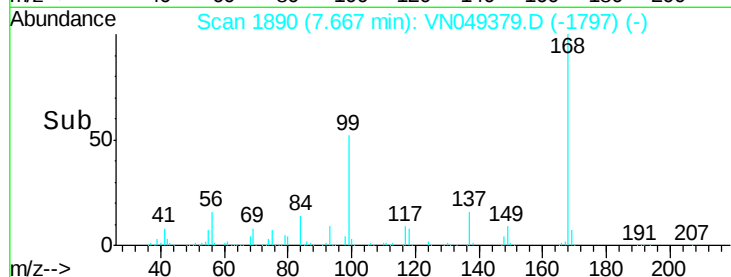
400000

200000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 29.149 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049379.D

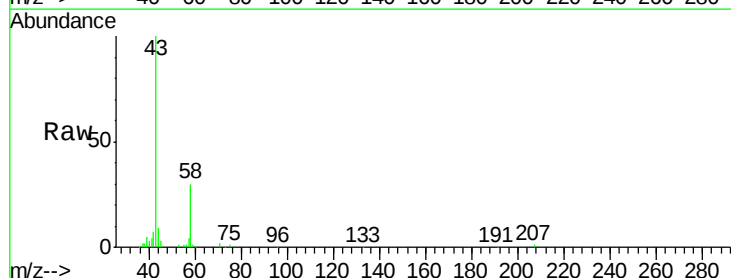
Acq: 19 Jun 2018 7:32

Tgt Ion: 43 Resp: 132089

Ion Ratio Lower Upper

43 100

58 30.0 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

50000

40000

30000

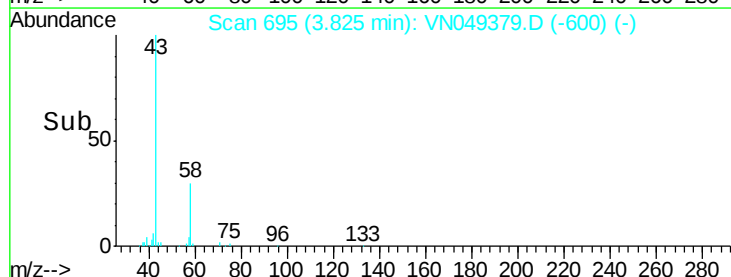
20000

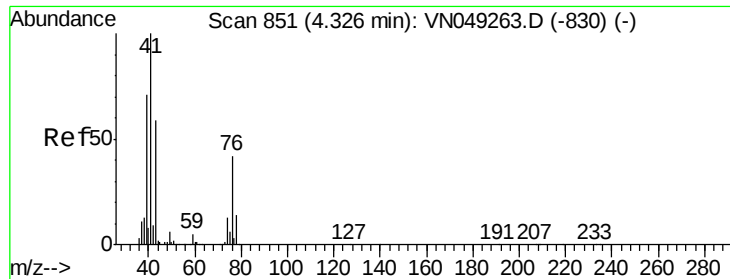
10000

0

3.70 3.80 3.90

Time-->

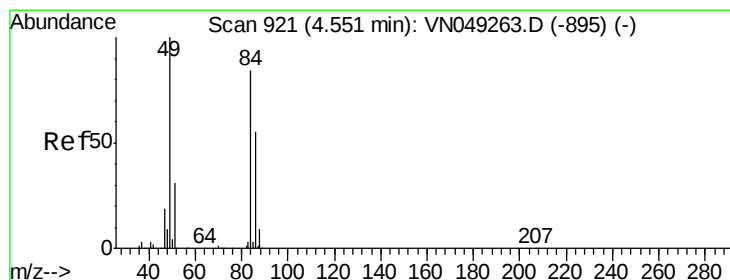
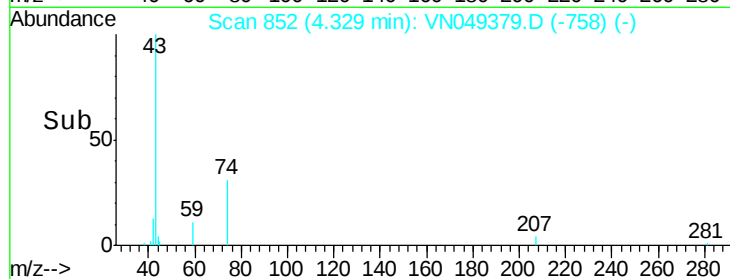
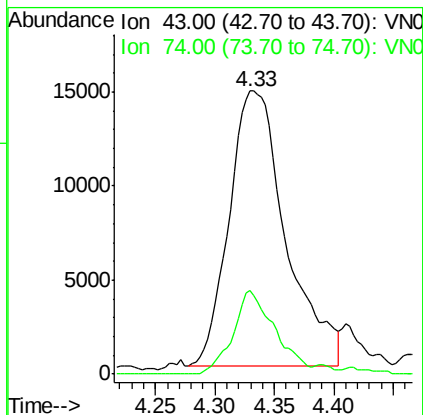
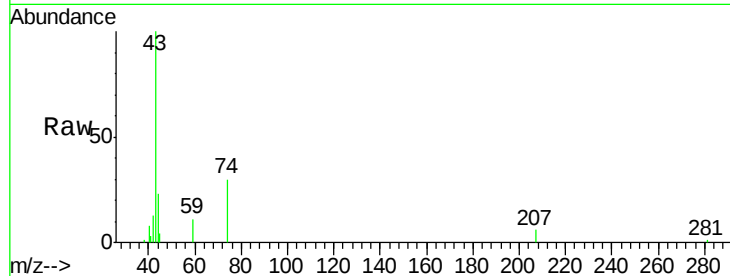




#18
Methvl Acetate
Concen: 3.487 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049379.D
Acq: 19 Jun 2018 7:32

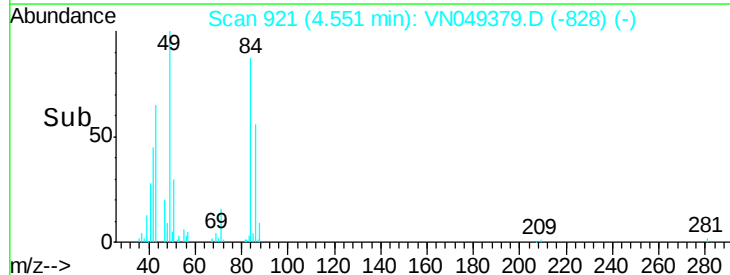
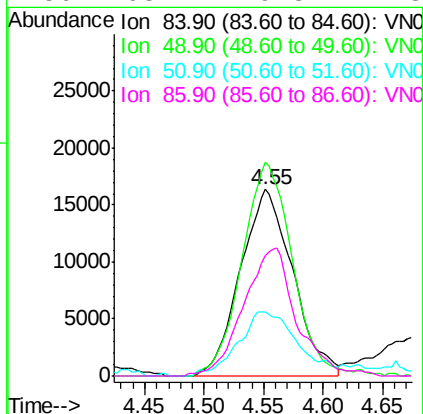
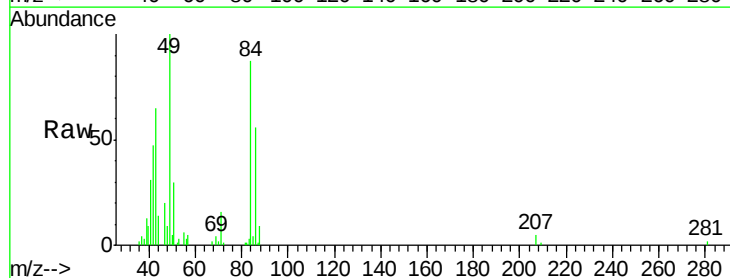
Instrument :
MSVOA_N
ClientSampleId :
SW-1RR

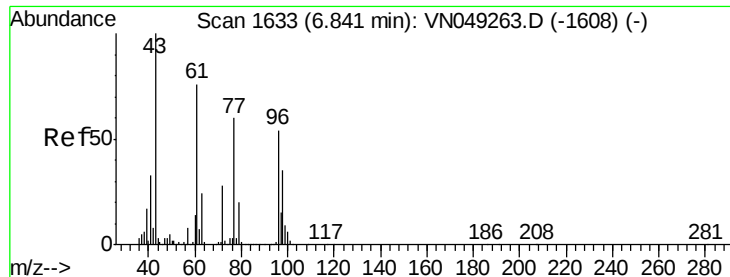
Tot Ion: 43 Resp: 48185
Ion Ratio Lower Upper
43 100
74 22.5 17.4 26.0



#20
Methylene Chloride
Concen: 2.635 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049379.D
Acq: 19 Jun 2018 7:32

Tgt Ion: 84 Resp: 49874
Ion Ratio Lower Upper
84 100
49 114.5 106.9 160.3
51 34.2 32.7 49.1
86 63.2 49.8 74.8





#25

2-Butanone

Concen: 8.884 ug/l

RT: 6.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VN049379.D

Acq: 19 Jun 2018 7:32

Instrument :

MSVOA_N

ClientSampleId :

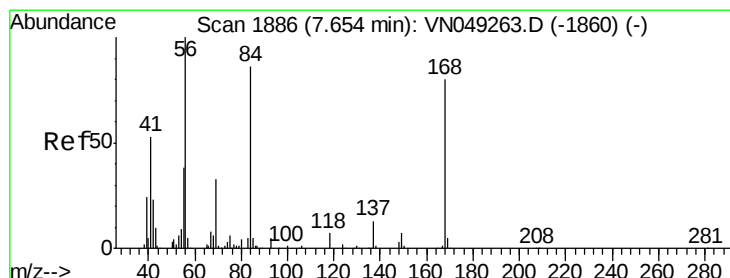
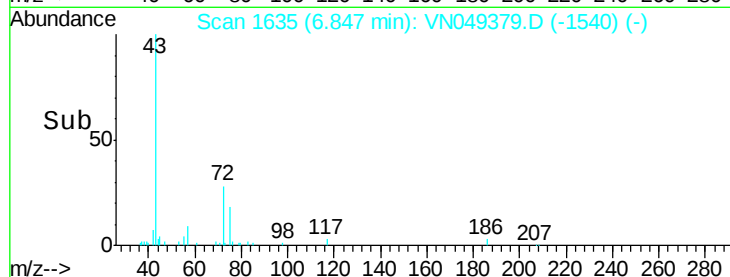
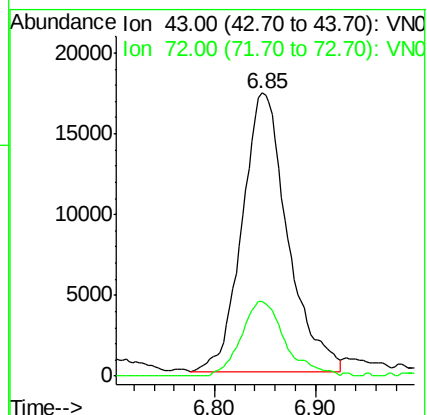
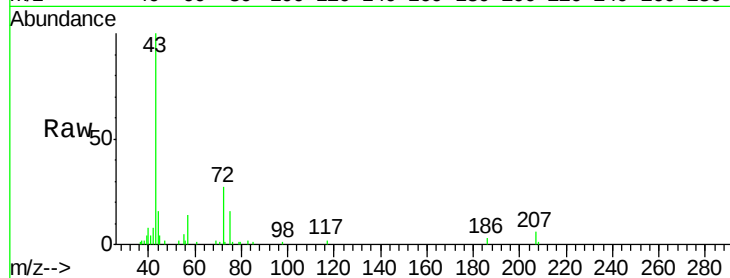
SW-1RR

Tot Ion: 43 Resp: 54059

Ion Ratio Lower Upper

43 100

72 27.0 20.2 30.2



#31

Cyclohexane

Concen: 10.501 ug/l

RT: 7.66 min Scan# 1887

Delta R.T. 0.00 min

Lab File: VN049379.D

Acq: 19 Jun 2018 7:32

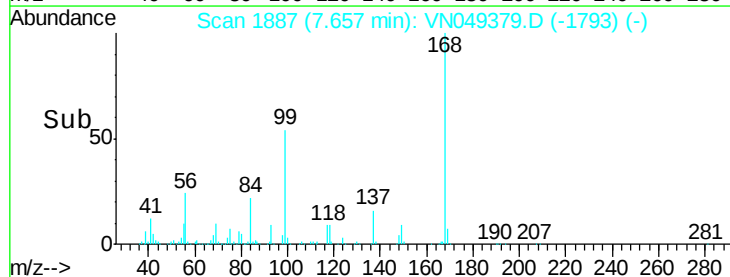
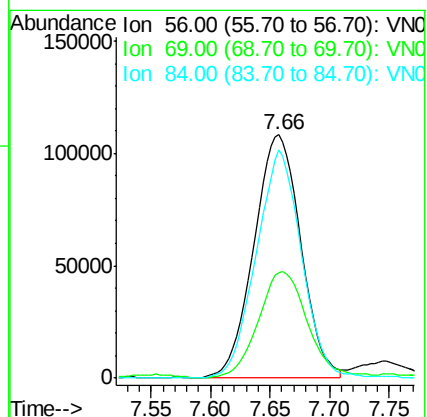
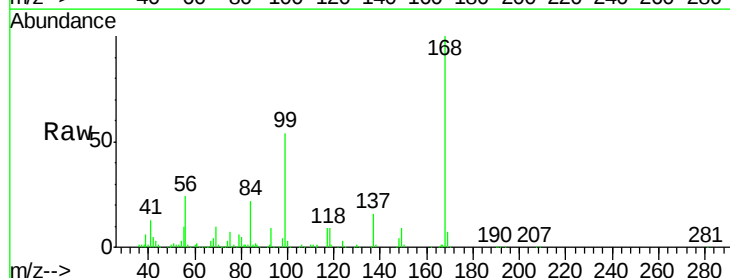
Tgt Ion: 56 Resp: 293690

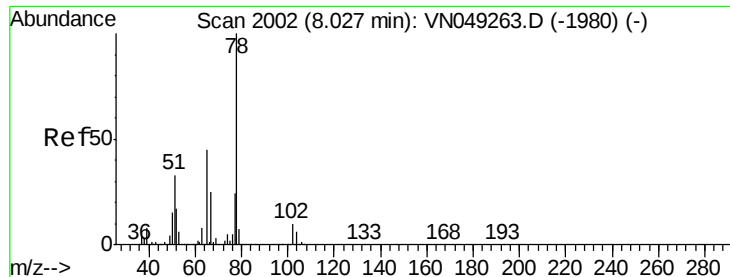
Ion Ratio Lower Upper

56 100

69 43.3 25.0 37.4#

84 93.8 64.6 96.8

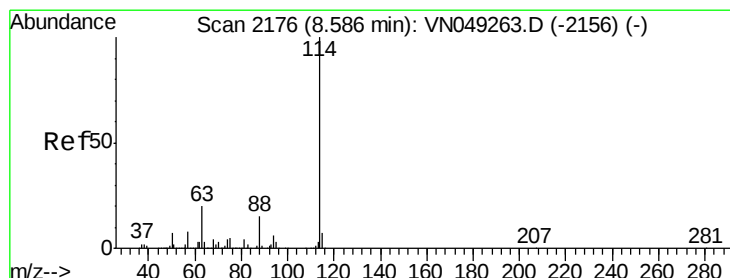
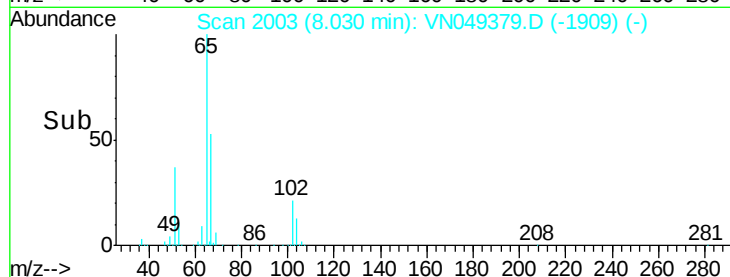
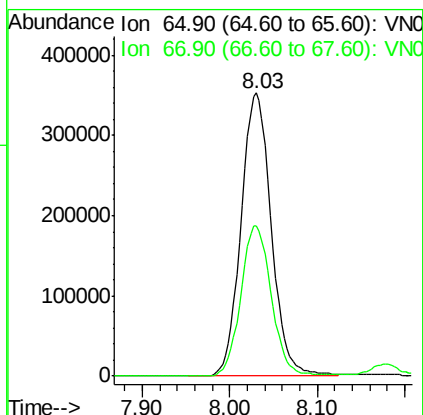
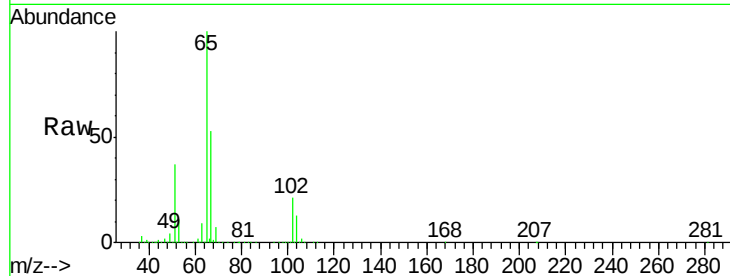




#33
 1,2-Dichloroethane-d4
 Concen: 45.362 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049379.D
 Acq: 19 Jun 2018 7:32

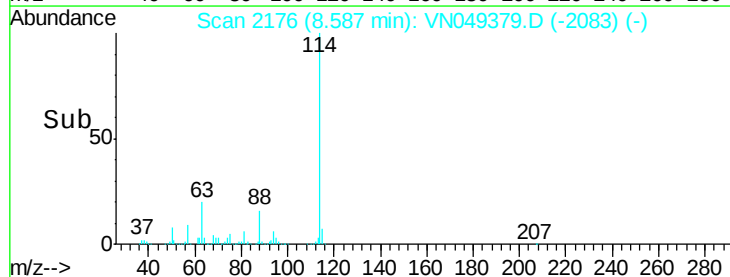
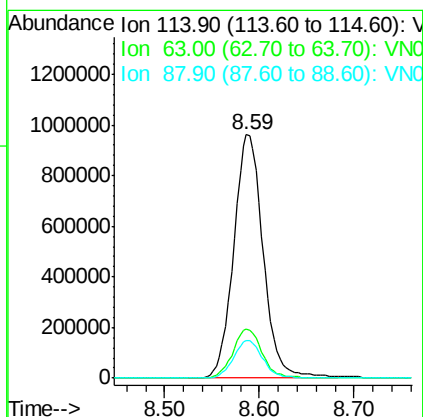
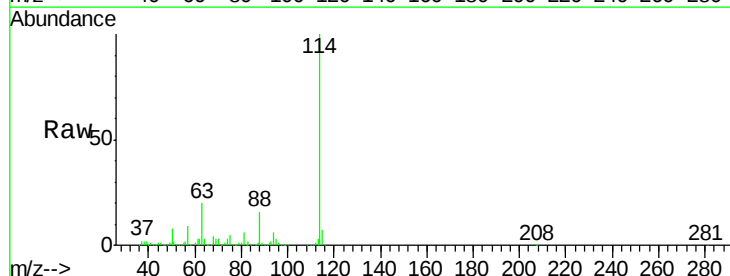
Instrument :
 MSVOA_N
 ClientSampleId :
 SW-1RR

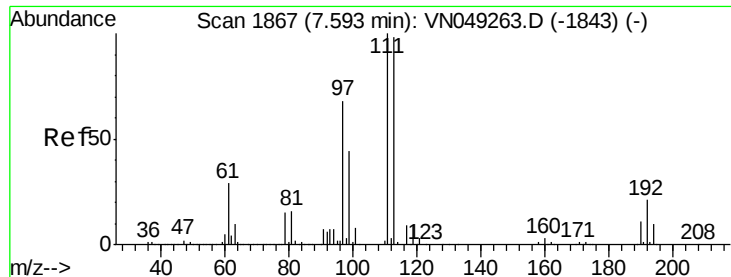
Tot Ion: 65 Resp: 846592
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049379.D
 Acq: 19 Jun 2018 7:32

Tgt Ion: 114 Resp: 2078153
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 44.4
 88 15.6 0.0 31.4

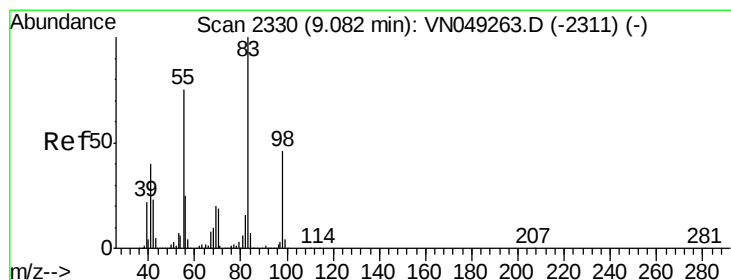
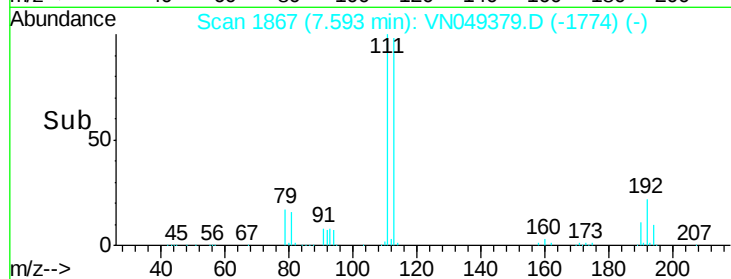
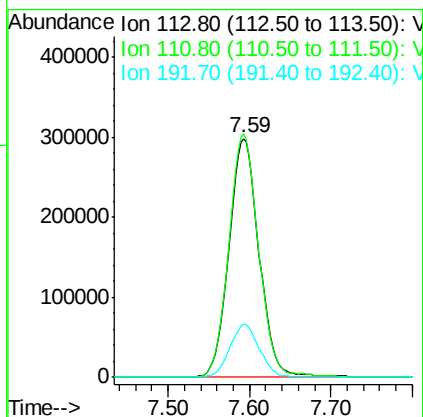
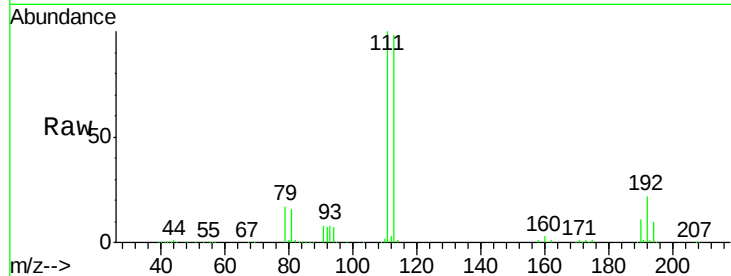




#35
 Dibromofluoromethane
 Concen: 45.681 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049379.D
 Acq: 19 Jun 2018 7:32

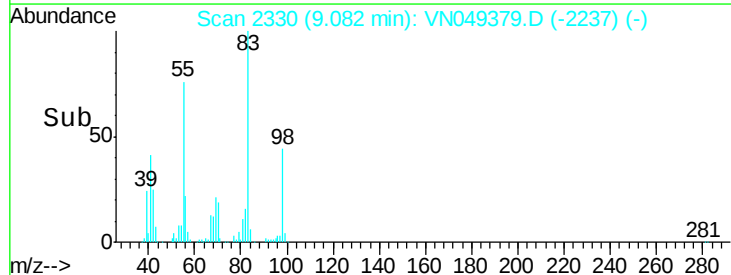
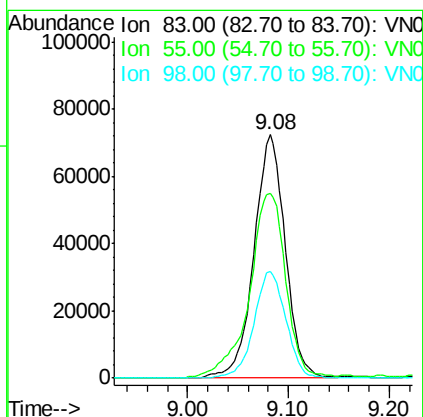
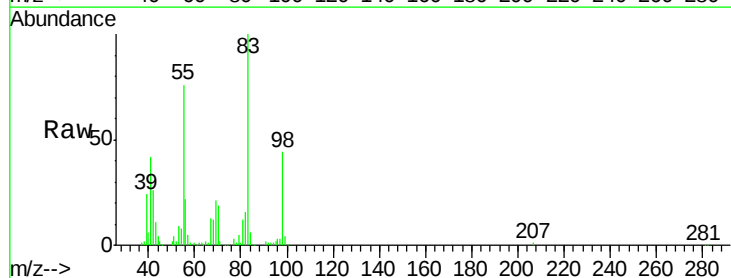
Instrument :
 MSVOA_N
 ClientSampleId :
 SW-1RR

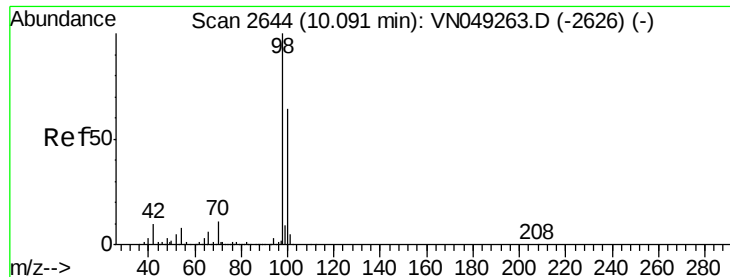
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.4	123.6
192	22.0	15.0	22.6



#39
 Methylcyclohexane
 Concen: 6.074 ug/l
 RT: 9.08 min Scan# 2330
 Delta R.T. 0.00 min
 Lab File: VN049379.D
 Acq: 19 Jun 2018 7:32

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.2	65.1	97.7
98	43.7	36.5	54.7





#50

Toluene-d8

Concen: 45.393 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049379.D

Acq: 19 Jun 2018 7:32

Instrument :

MSVOA_N

ClientSampleId :

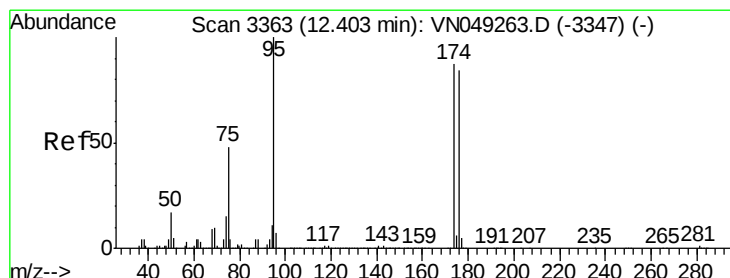
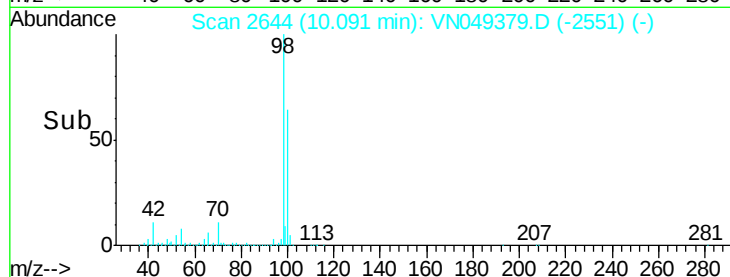
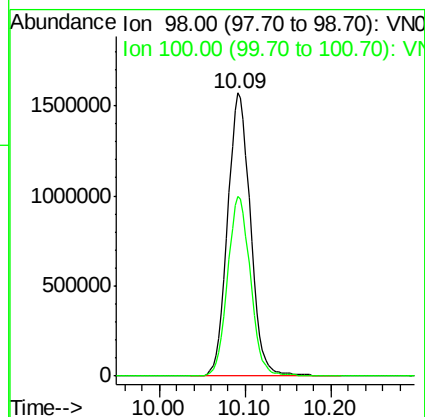
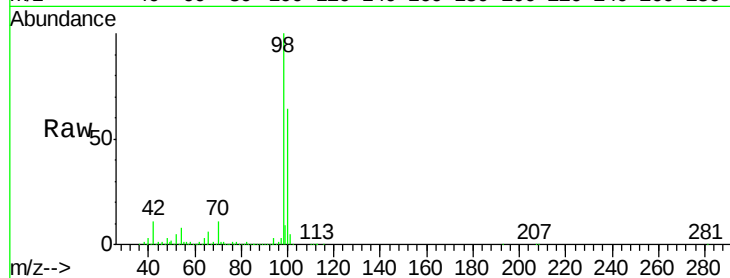
SW-1RR

Tot Ion: 98 Resp: 2906001

Ion Ratio Lower Upper

98 100

100 63.7 49.8 74.8



#62

4-Bromofluorobenzene

Concen: 36.415 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049379.D

Acq: 19 Jun 2018 7:32

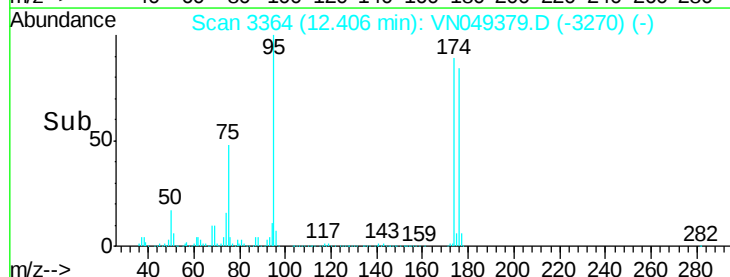
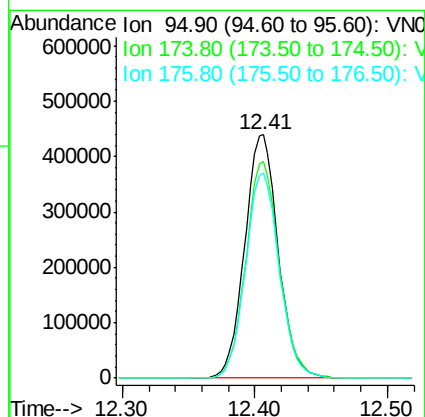
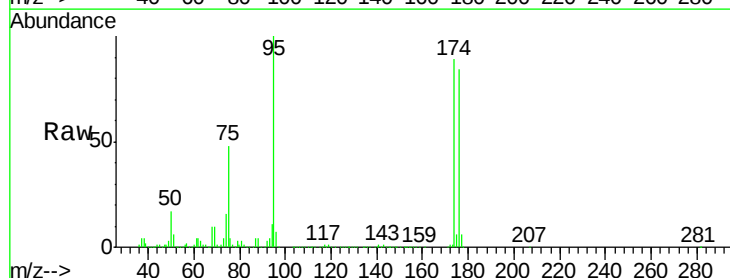
Tgt Ion: 95 Resp: 770829

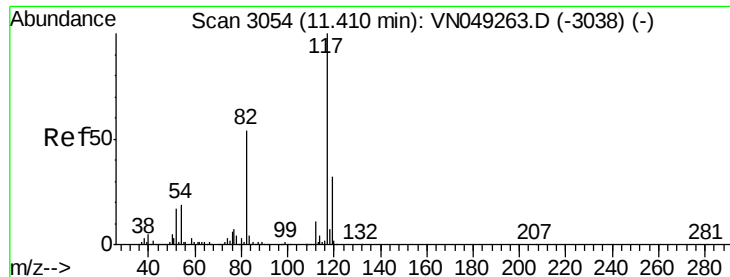
Ion Ratio Lower Upper

95 100

174 89.1 0.0 165.6

176 84.7 0.0 157.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049379.D

Acq: 19 Jun 2018 7:32

Instrument :

MSVOA_N

ClientSampleId :

SW-1RR

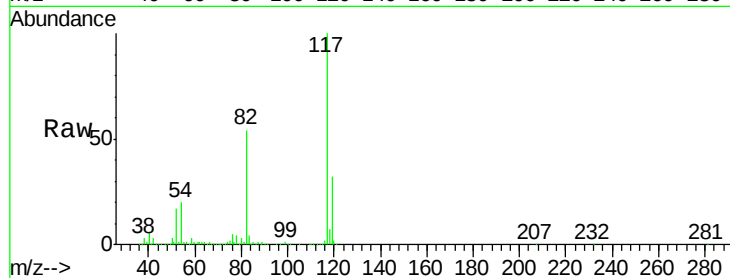
Tot Ion:117 Resp: 1738746

Ion Ratio Lower Upper

117 100

82 53.6 45.9 68.9

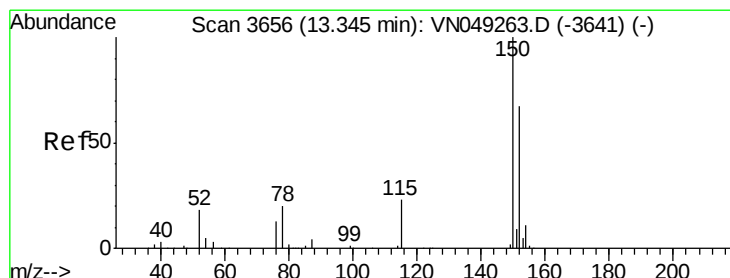
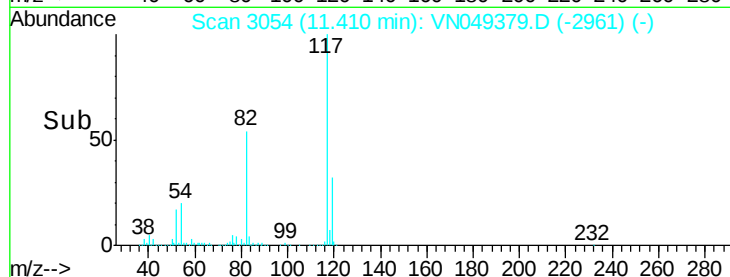
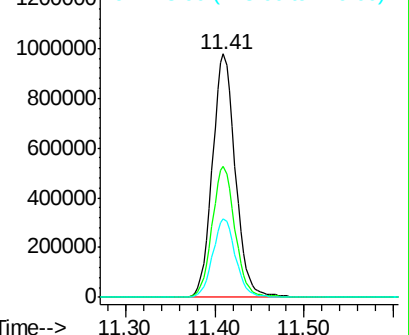
119 32.2 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049379.D

Acq: 19 Jun 2018 7:32

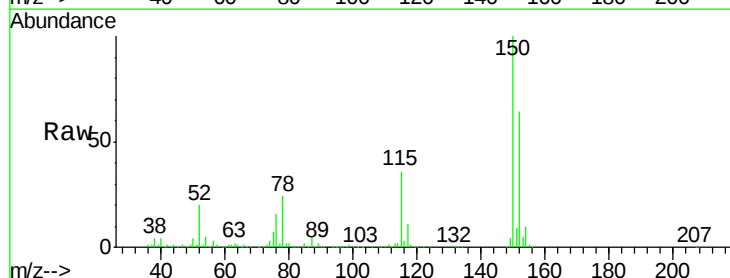
Tgt Ion:152 Resp: 541494

Ion Ratio Lower Upper

152 100

115 57.5 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

