

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049601.D
 Acq On : 28 Jun 2018 20:09
 Operator : MD\SY
 Sample : J3048-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2-D

Quant Time: Jun 29 03:50:19 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

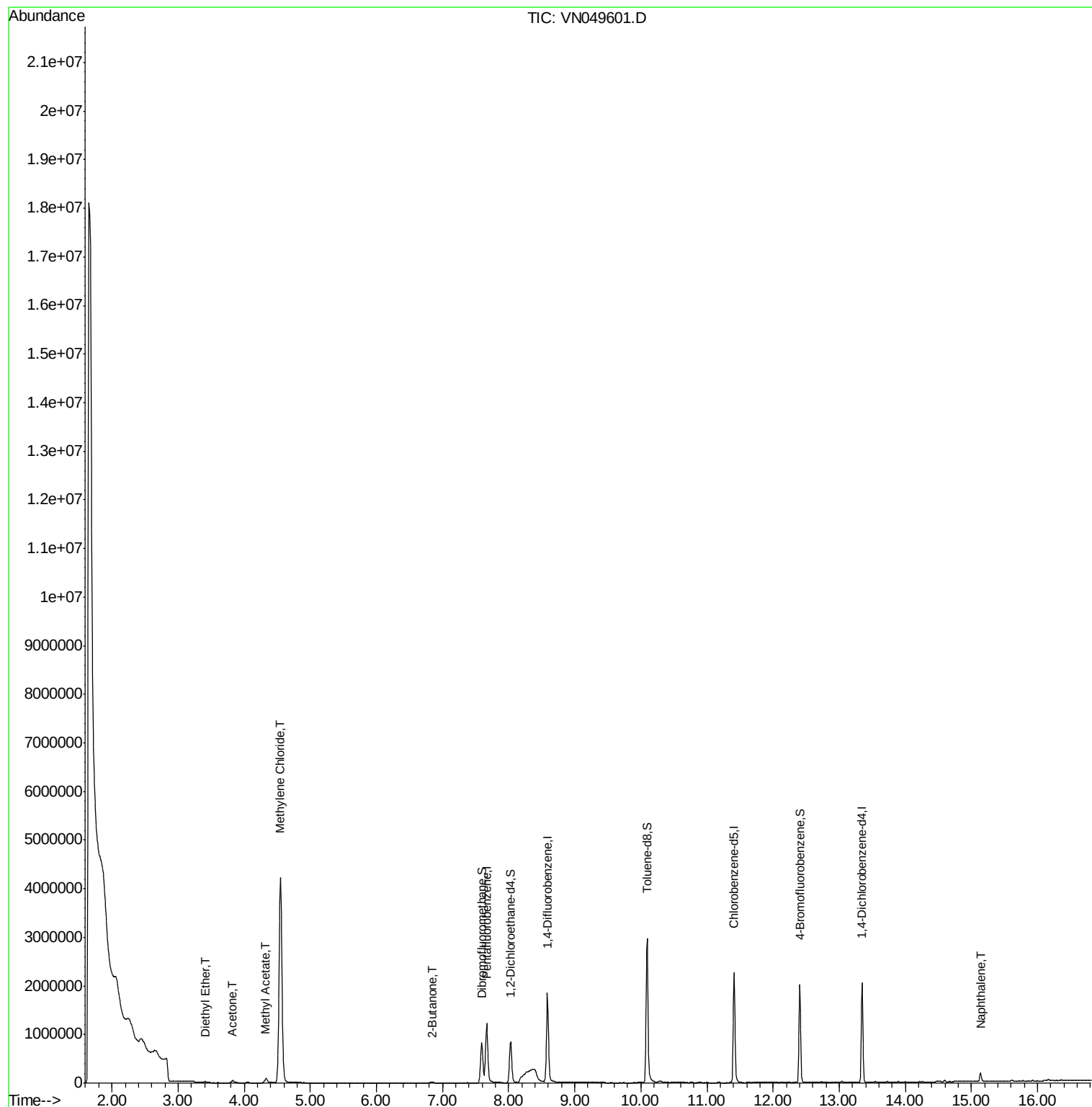
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1096921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1745961	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1440386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	582560	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	735350	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
35) Dibromofluoromethane	7.59	113	646777	45.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.58%	
50) Toluene-d8	10.09	98	2346789	43.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.26%	
62) 4-Bromofluorobenzene	12.40	95	682418	38.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.74%	
Target Compounds						
8) Diethyl Ether	3.41	74	12510	1.66	ug/l	Qvalue 100
16) Acetone	3.82	43	82401	23.33	ug/l	92
18) Methyl Acetate	4.33	43	168238	15.62	ug/l	95
20) Methylene Chloride	4.55	84	3266223	221.38	ug/l	90
25) 2-Butanone	6.85	43	13332	2.81	ug/l	93
95) Naphthalene	15.14	128	145299	10.86	ug/l	99

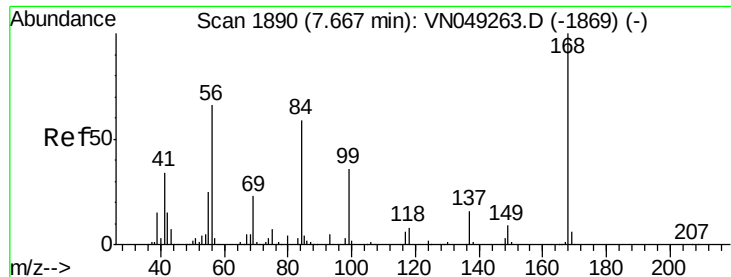
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062818\
Data File : VN049601.D
Acq On : 28 Jun 2018 20:09
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Quant Time: Jun 29 03:50:19 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049601.D

Acq: 28 Jun 2018 20:09

Instrument :

MSVOA_N

ClientSampled :

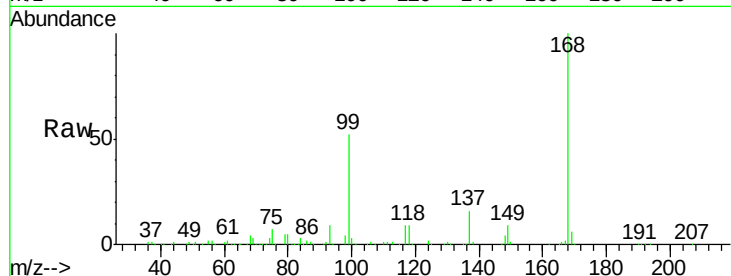
TP-2-D

Tot Ion:168 Resp: 1096921

Ion Ratio Lower Upper

168 100

99 51.9 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

400000

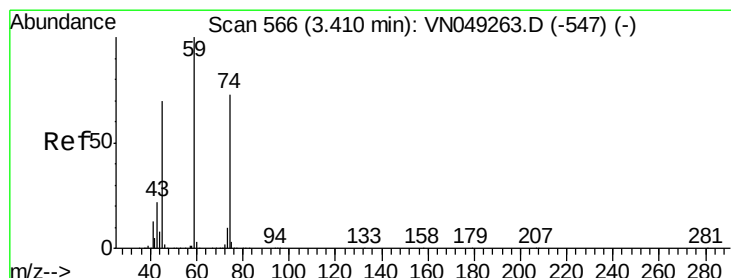
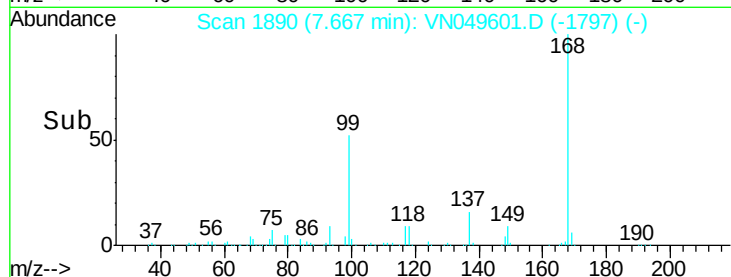
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 1.66 ug/l

RT: 3.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN049601.D

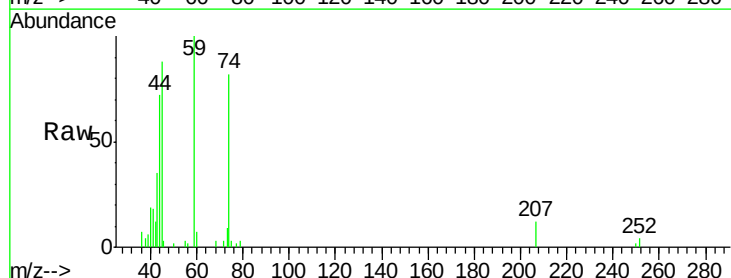
Acq: 28 Jun 2018 20:09

Tgt Ion: 74 Resp: 12510

Ion Ratio Lower Upper

74 100

45 103.6 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

3.41

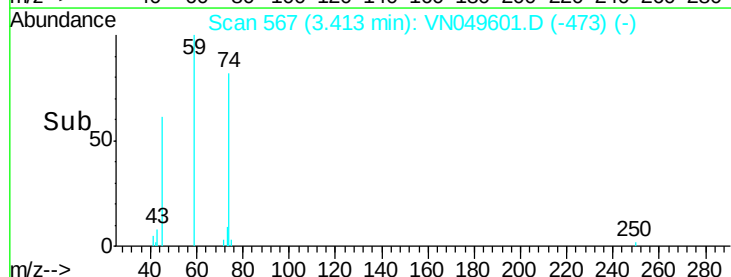
6000

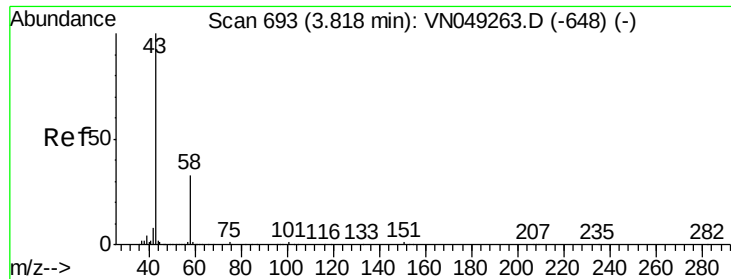
4000

2000

0

Time-->





#16

Acetone

Concen: 23.33 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049601.D

Acq: 28 Jun 2018 20:09

Instrument :

MSVOA_N

ClientSampled :

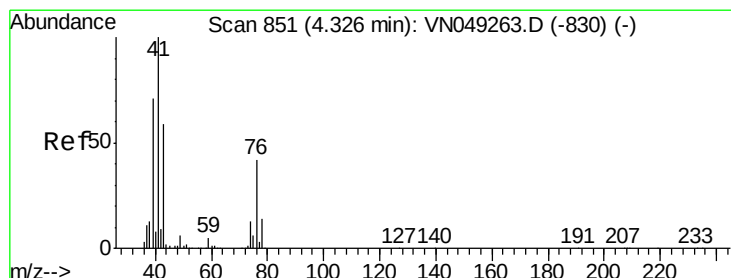
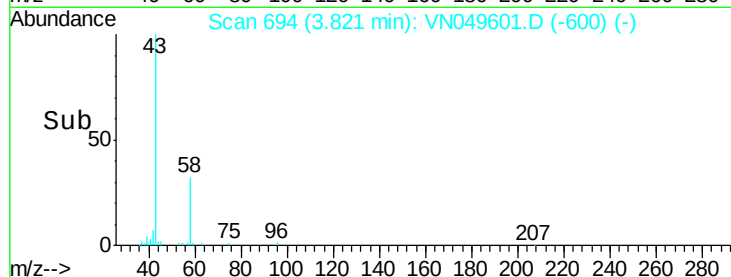
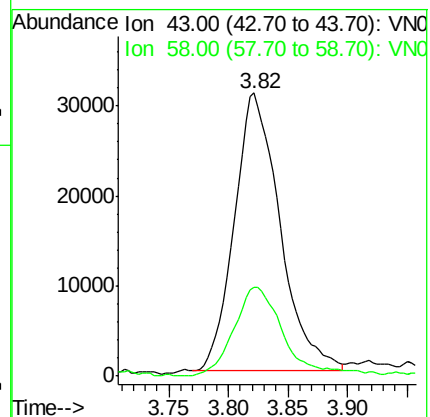
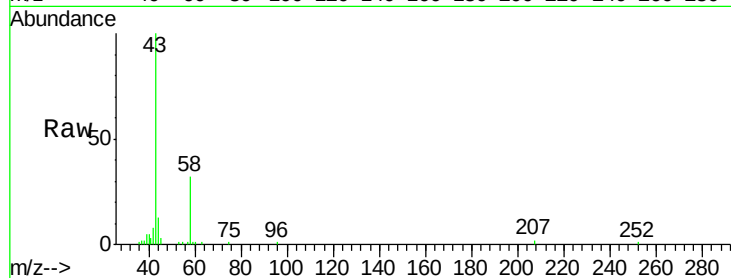
TP-2-D

Tot Ion: 43 Resp: 82401

Ion Ratio Lower Upper

43 100

58 32.2 22.4 33.6



#18

Methyl Acetate

Concen: 15.62 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049601.D

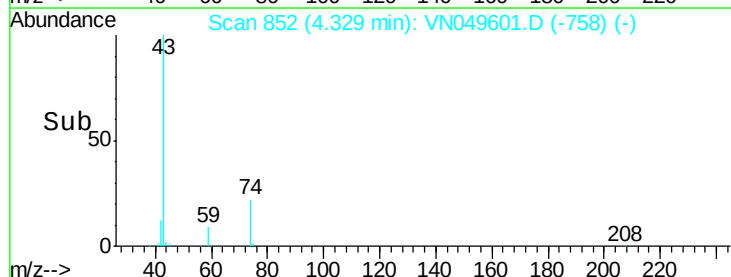
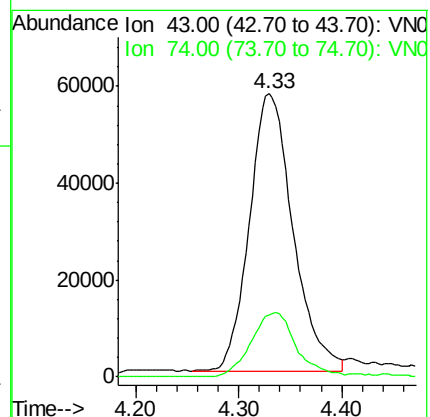
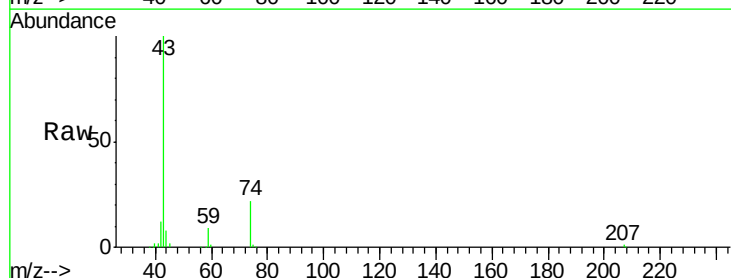
Acq: 28 Jun 2018 20:09

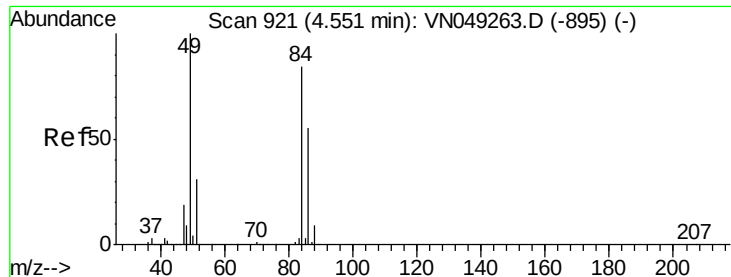
Tgt Ion: 43 Resp: 168238

Ion Ratio Lower Upper

43 100

74 24.0 17.4 26.0



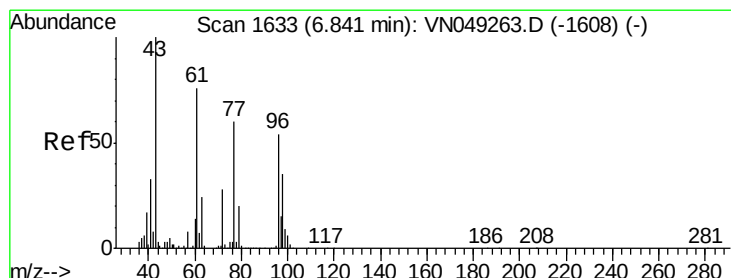
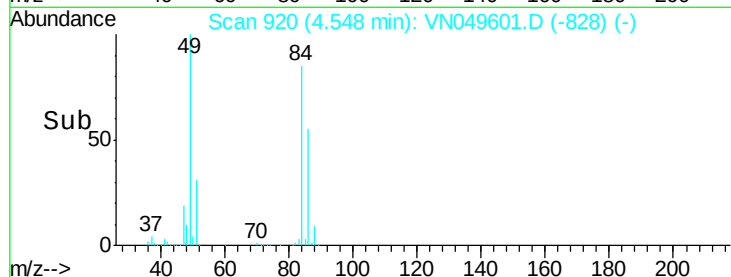
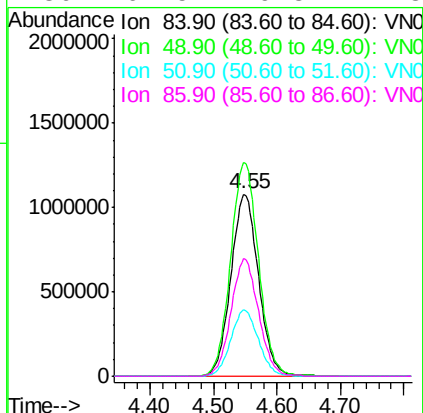
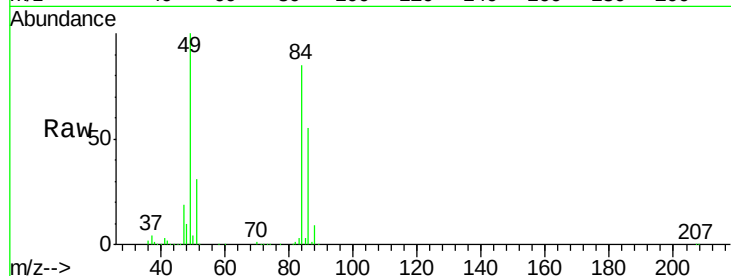


#20
Methvlene Chloride
Concen: 221.38 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049601.D
Acq: 28 Jun 2018 20:09

Instrument :
MSVOA_N
ClientSampleId :
TP-2-D

Tot Ion: 84 Resp: 3266223

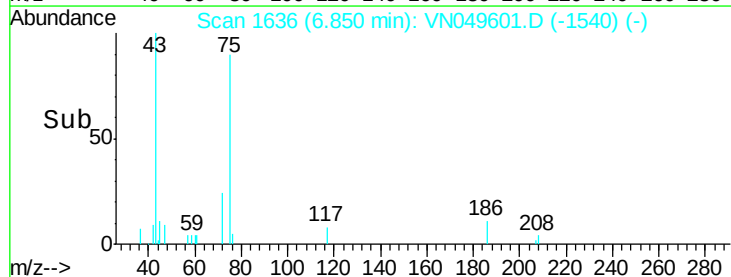
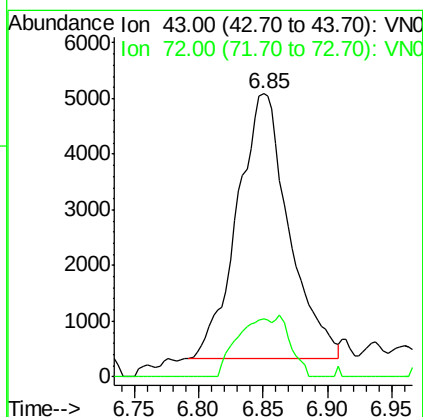
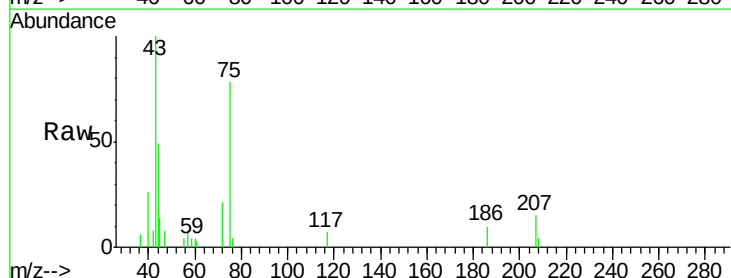
Ion	Ratio	Lower	Upper
84	100		
49	117.5	106.9	160.3
51	36.5	32.7	49.1
86	64.5	49.8	74.8

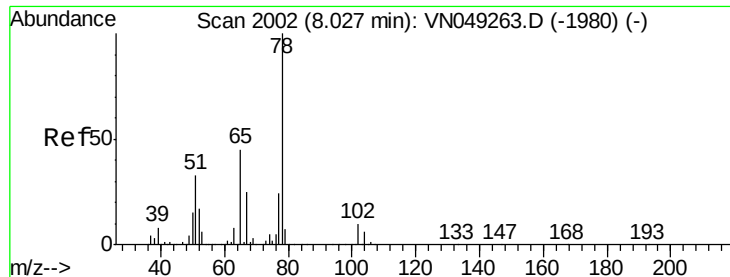


#25
2-Butanone
Concen: 2.81 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN049601.D
Acq: 28 Jun 2018 20:09

Tgt Ion: 43 Resp: 13332

Ion	Ratio	Lower	Upper
43	100		
72	21.9	20.2	30.2

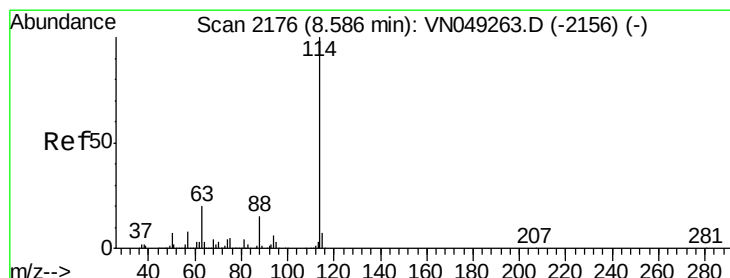
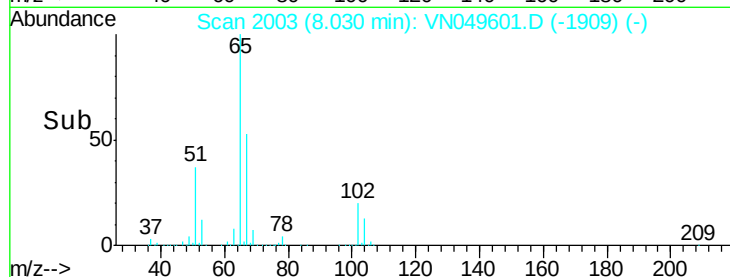
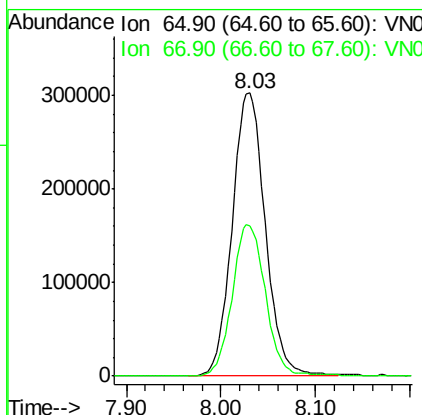
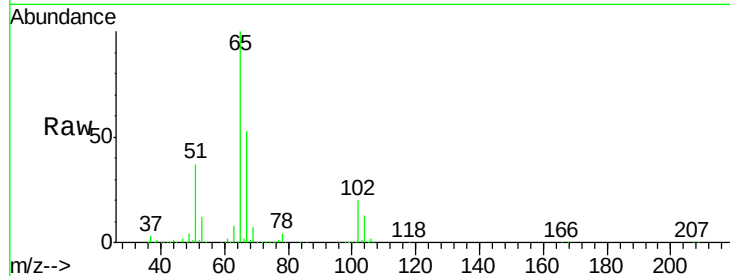




#33
 1,2-Dichloroethane-d4
 Concen: 50.54 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049601.D
 Acq: 28 Jun 2018 20:09

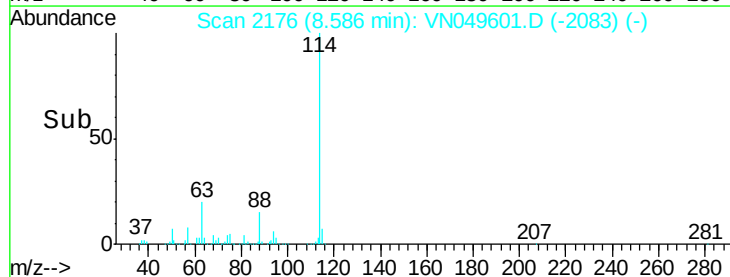
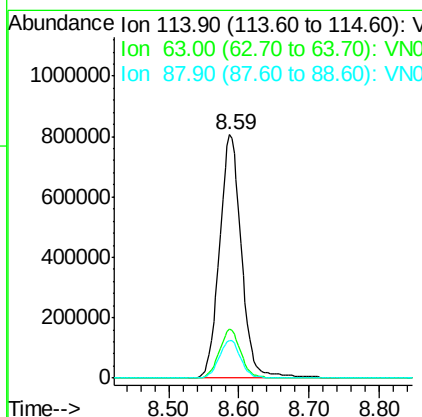
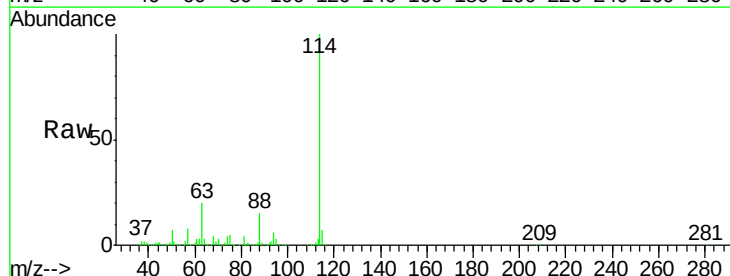
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2-D

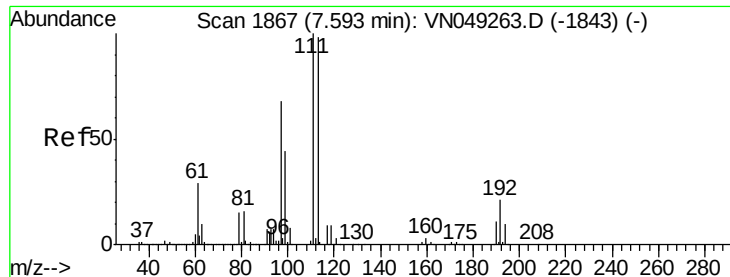
Tot Ion: 65 Resp: 735350
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049601.D
 Acq: 28 Jun 2018 20:09

Tgt Ion: 114 Resp: 1745961
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 44.4
 88 15.5 0.0 31.4

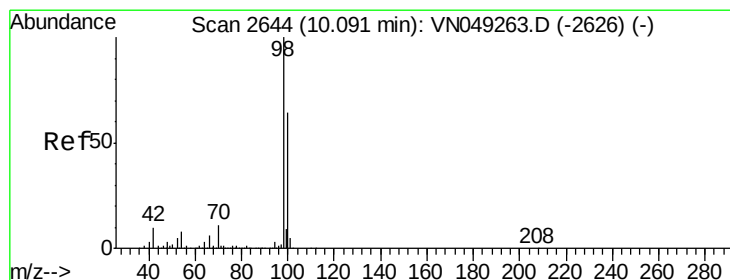
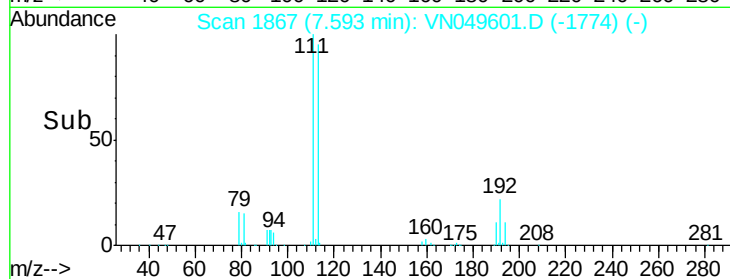
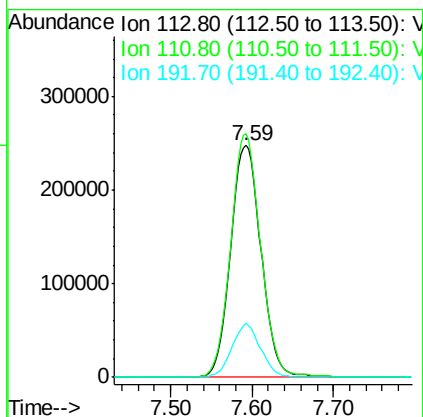
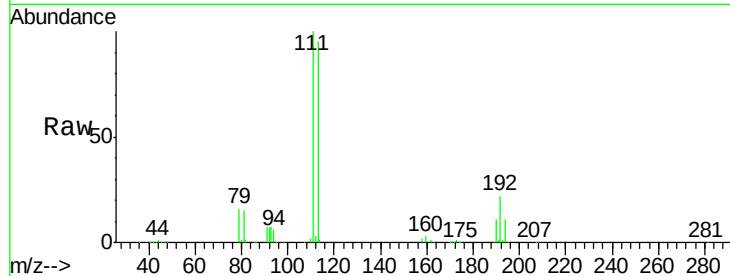




#35
 Dibromofluoromethane
 Concen: 45.79 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049601.D
 Acq: 28 Jun 2018 20:09

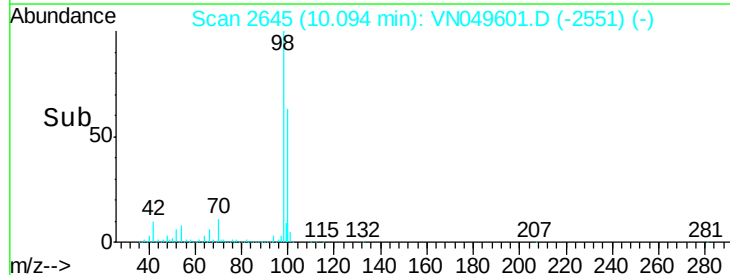
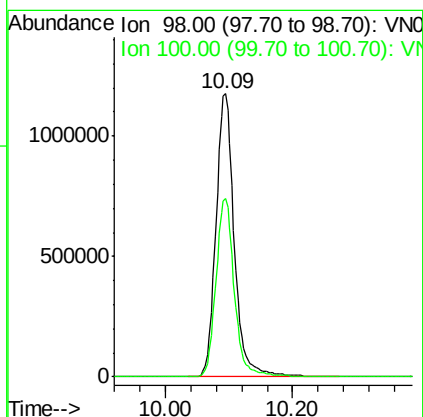
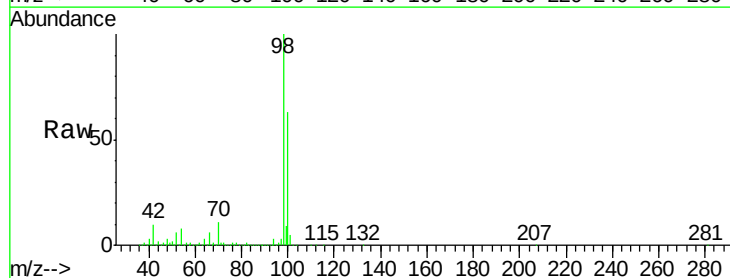
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2-D

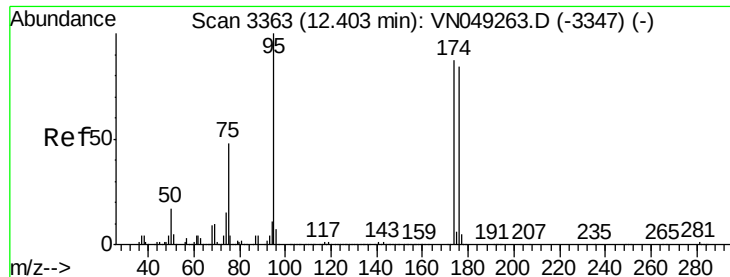
Tot Ion:113 Resp: 646777
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.4 123.6
 192 21.8 15.0 22.6



#50
 Toluene-d8
 Concen: 43.63 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN049601.D
 Acq: 28 Jun 2018 20:09

Tgt Ion: 98 Resp: 2346789
 Ion Ratio Lower Upper
 98 100
 100 63.3 49.8 74.8





#62

4-Bromofluorobenzene

Concen: 38.37 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049601.D

Acq: 28 Jun 2018 20:09

Instrument :

MSVOA_N

ClientSampled :

TP-2-D

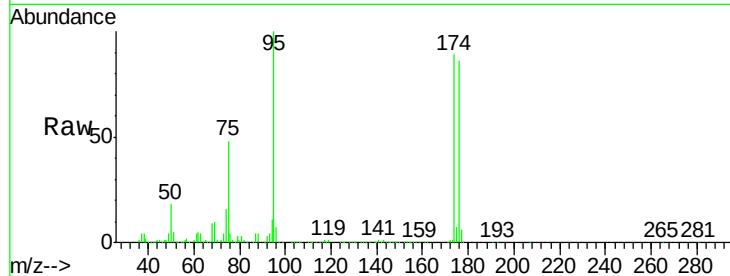
Tot Ion: 95 Resp: 682418

Ion Ratio Lower Upper

95 100

174 90.4 0.0 165.6

176 87.3 0.0 157.4

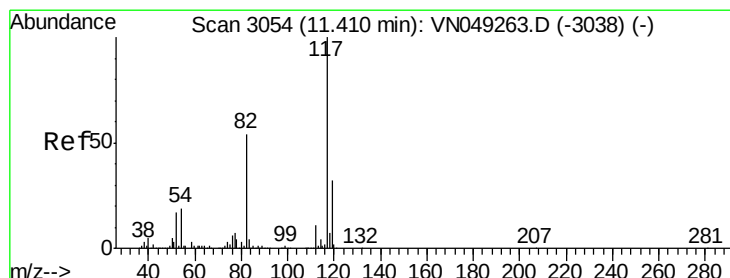
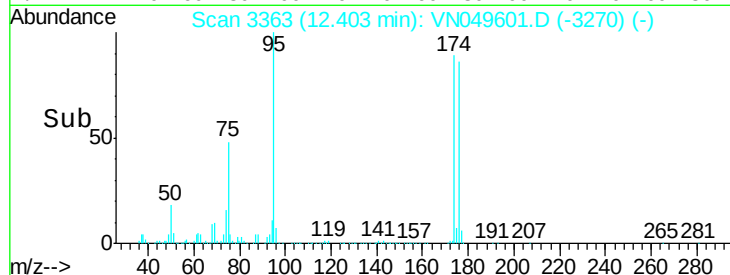


Abundance Ion 94.90 (94.60 to 95.60): VN049601.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049601.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049601.D (-3270) (-)

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: VN049601.D

Acq: 28 Jun 2018 20:09

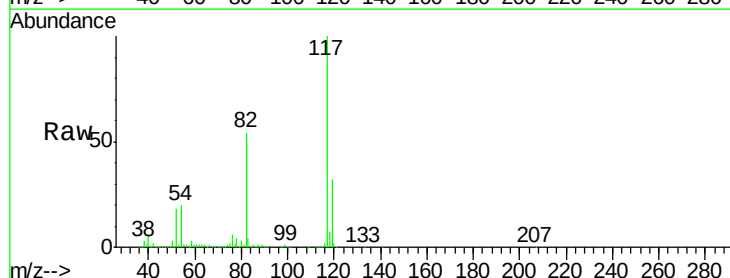
Tgt Ion: 117 Resp: 1440386

Ion Ratio Lower Upper

117 100

82 53.6 45.9 68.9

119 31.8 25.5 38.3

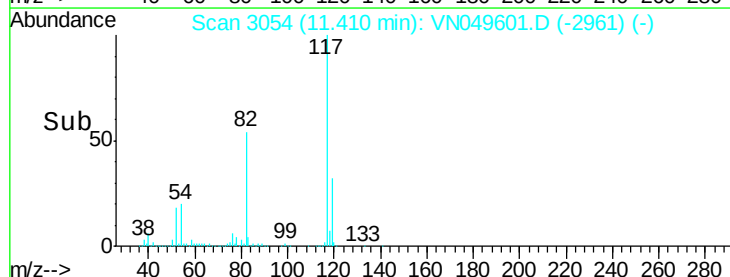


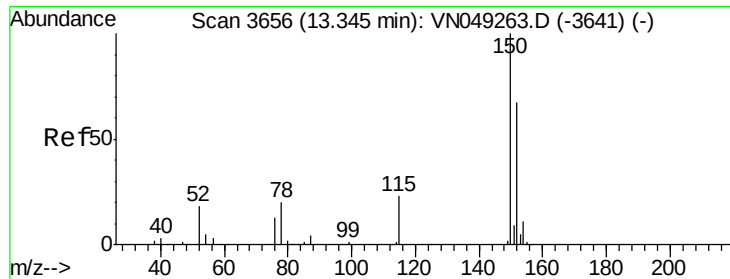
Abundance Ion 116.90 (116.60 to 117.60): VN049601.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049601.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049601.D (-2961) (-)

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049601.D

Acq: 28 Jun 2018 20:09

Instrument :

MSVOA_N

ClientSampleId :

TP-2-D

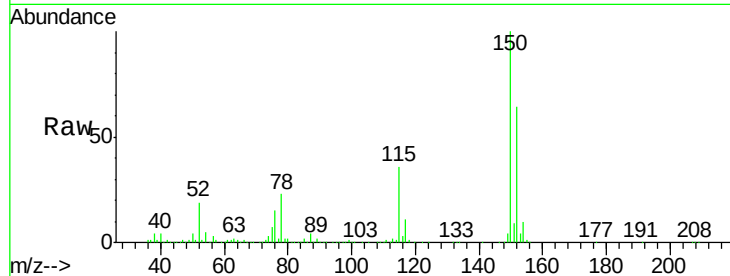
Tot Ion:152 Resp: 582560

Ion Ratio Lower Upper

152 100

115 56.1 28.7 86.1

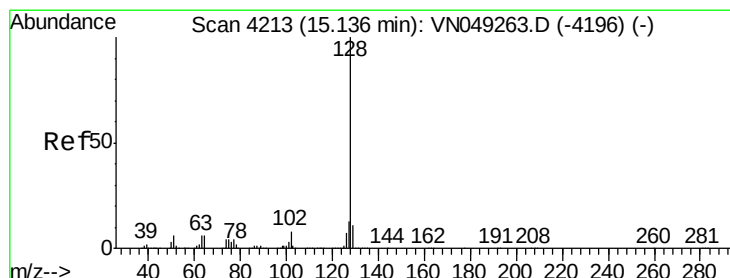
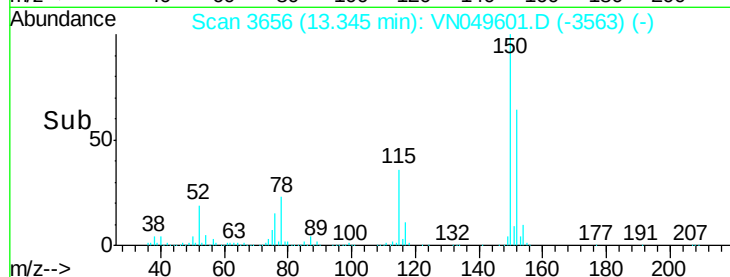
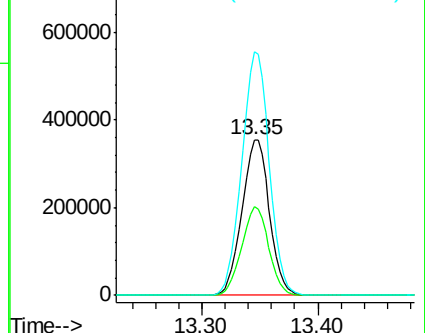
150 156.3 0.0 351.0



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



#95

Naphthalene

Concen: 10.86 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049601.D

Acq: 28 Jun 2018 20:09

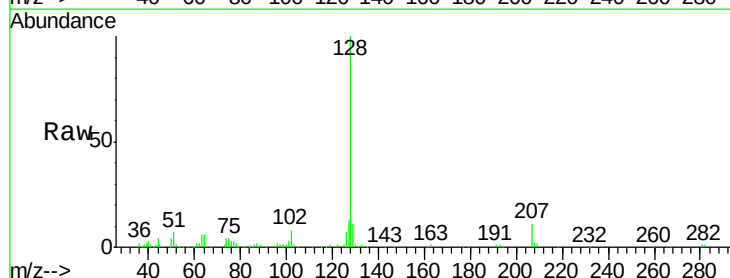
Tgt Ion:128 Resp: 145299

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 11.1 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

