

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062918\
 Data File : VN049641.D
 Acq On : 29 Jun 2018 19:32
 Operator : MD\SY
 Sample : J3612-05RE
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-4(3-3.5)RE

Quant Time: Jun 30 02:02:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 29 15:11:52 2018
 Response via : Initial Calibration

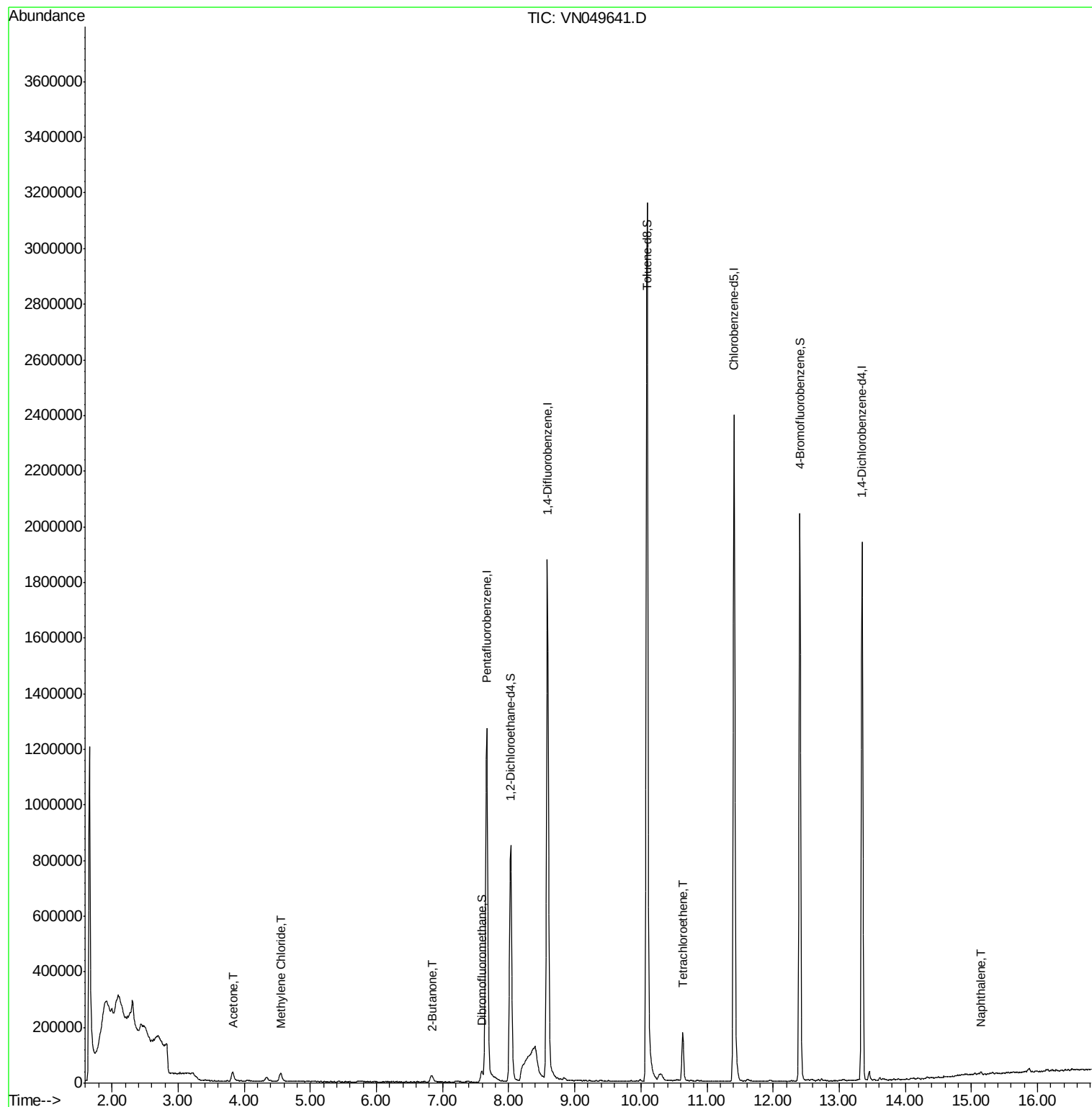
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1105194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1786035	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1513963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	557590	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	749729	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
35) Dibromofluoromethane	7.59	113	31392	2.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	4.70%	
50) Toluene-d8	10.09	98	2442716	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
62) 4-Bromofluorobenzene	12.40	95	695943	39.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.00%	
Target Compounds						
16) Acetone	3.82	43	59083	17.35	ug/l	94
20) Methylene Chloride	4.55	84	21411	1.42	ug/l	88
25) 2-Butanone	6.85	43	9228	1.90	ug/l	95
64) Tetrachloroethene	10.63	164	45389	2.21	ug/l	96
95) Naphthalene	15.14	128	8122	3.00	ug/l #	95

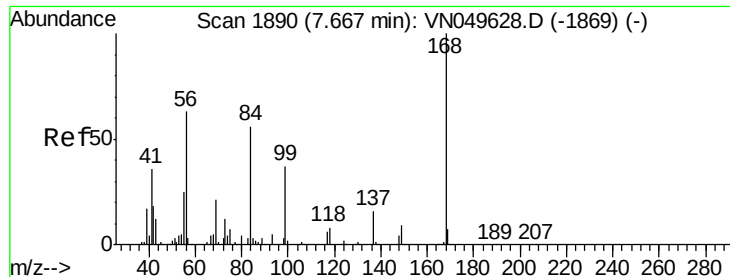
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049641.D

Acq: 29 Jun 2018 19:32

Instrument :

MSVOA_N

ClientSampleId :

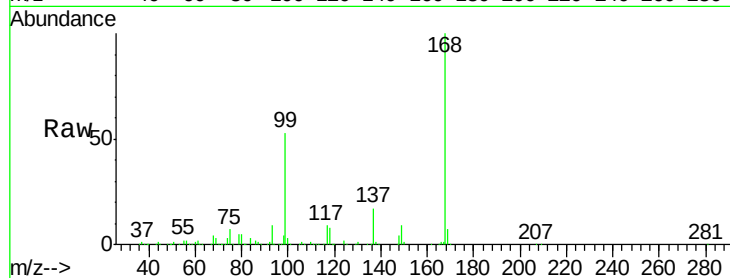
S-4(3-3.5)RE

Tot Ion:168 Resp: 1105194

Ion Ratio Lower Upper

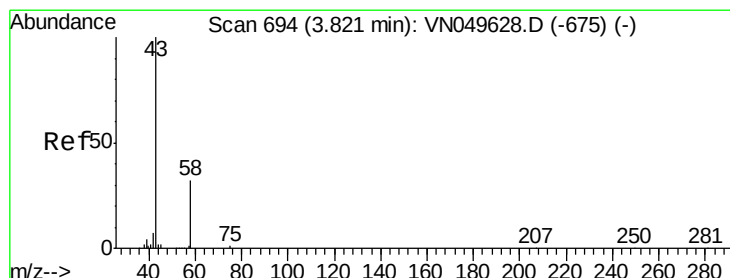
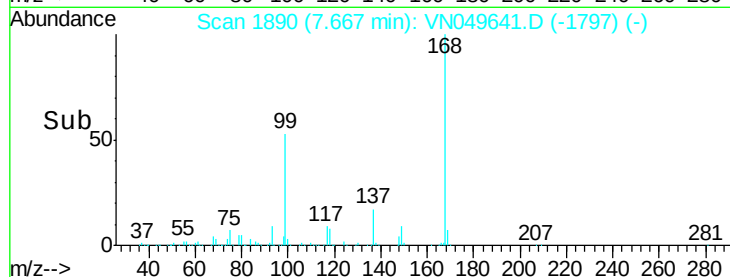
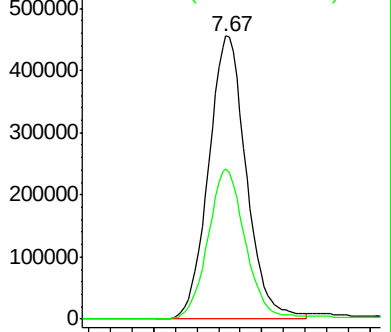
168 100

99 53.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): VN049641.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN049641.D (-1797) (-)



#16

Acetone

Concen: 17.35 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049641.D

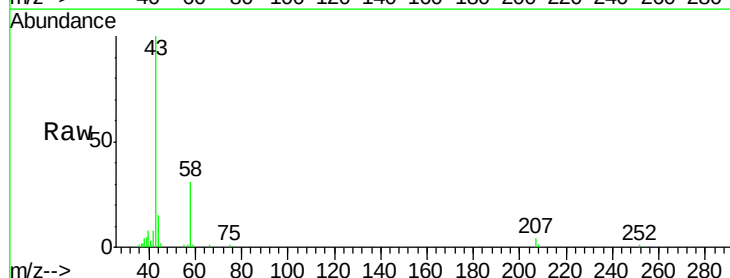
Acq: 29 Jun 2018 19:32

Tgt Ion: 43 Resp: 59083

Ion Ratio Lower Upper

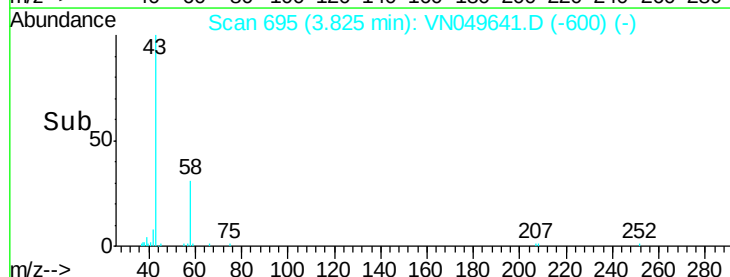
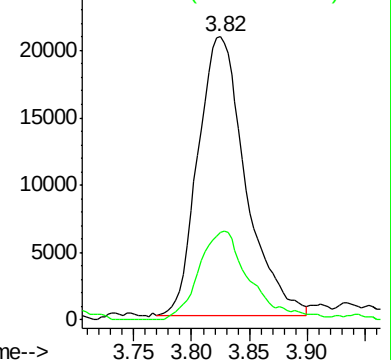
43 100

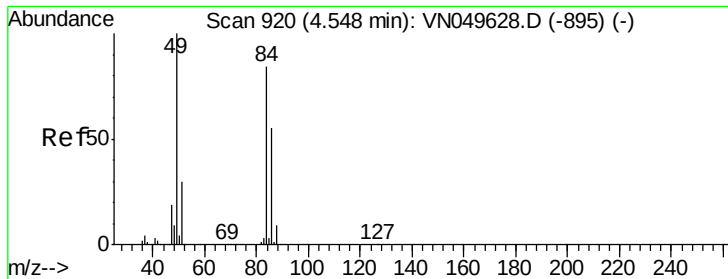
58 31.3 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN049641.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN049641.D (-600) (-)





#20

Methvlene Chloride

Concen: 1.42 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN049641.D

Acq: 29 Jun 2018 19:32

Instrument :

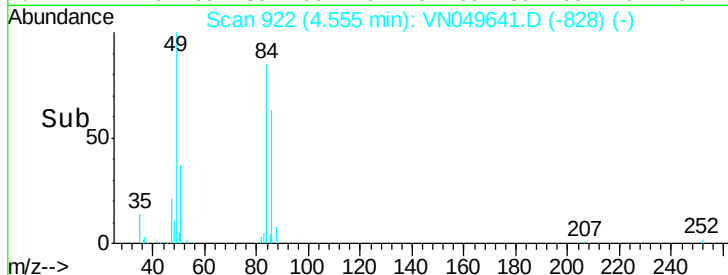
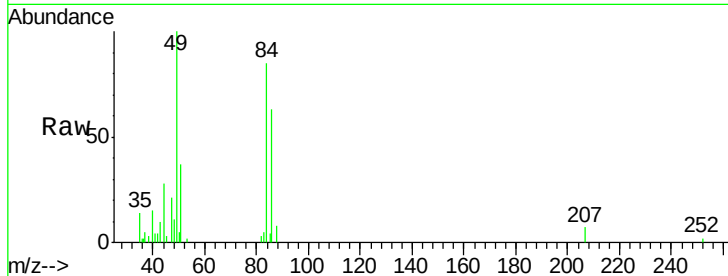
MSVOA_N

ClientSampleId :

S-4(3-3.5)RE

Tot Ion: 84 Resp: 21411

Ion	Ratio	Lower	Upper
84	100		
49	118.1	106.9	160.3
51	44.1	32.7	49.1
86	74.7	49.8	74.8

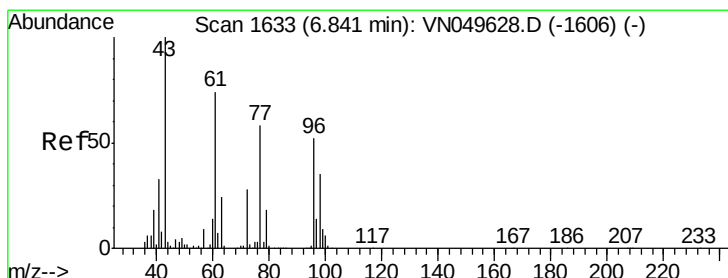


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 1.90 ug/l

RT: 6.85 min Scan# 1636

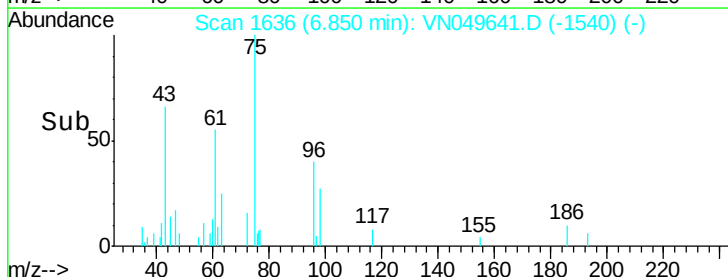
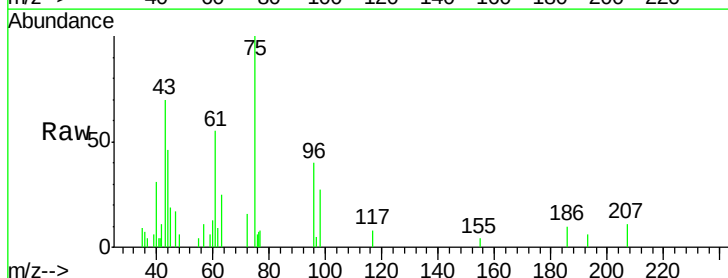
Delta R.T. 0.01 min

Lab File: VN049641.D

Acq: 29 Jun 2018 19:32

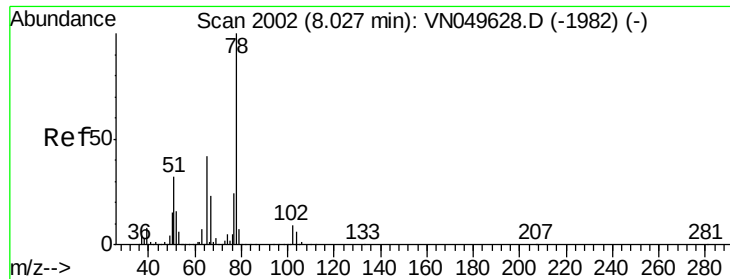
Tgt Ion: 43 Resp: 9228

Ion	Ratio	Lower	Upper
43	100		
72	22.8	20.2	30.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

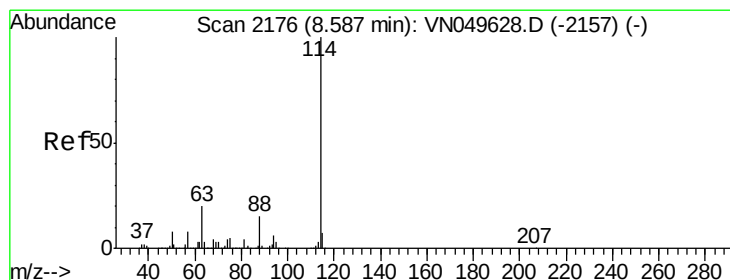
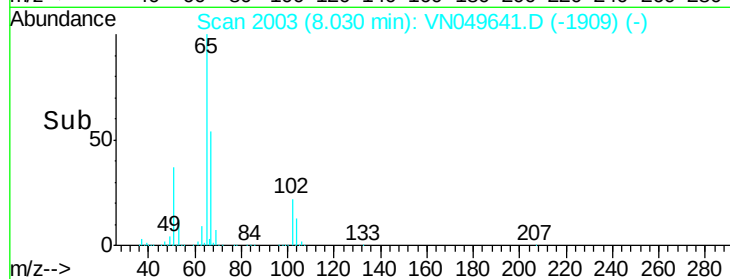
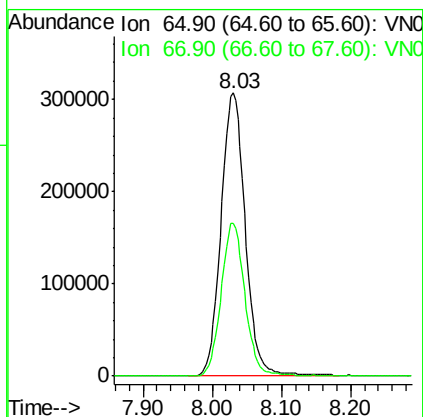
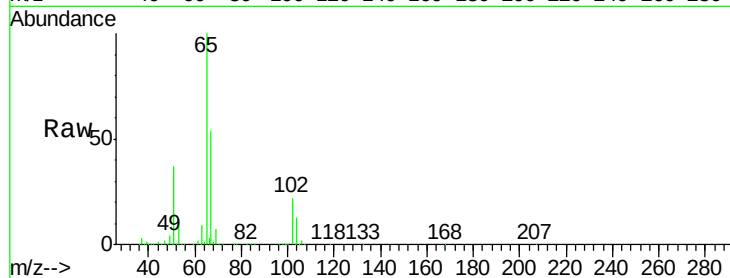
Ion 72.00 (71.70 to 72.70): VN0



#33
 1,2-Dichloroethane-d4
 Concen: 51.37 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049641.D
 Acq: 29 Jun 2018 19:32

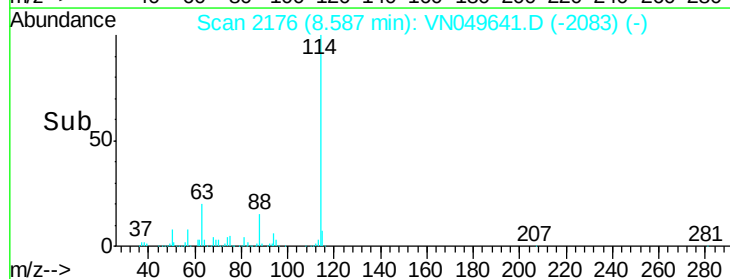
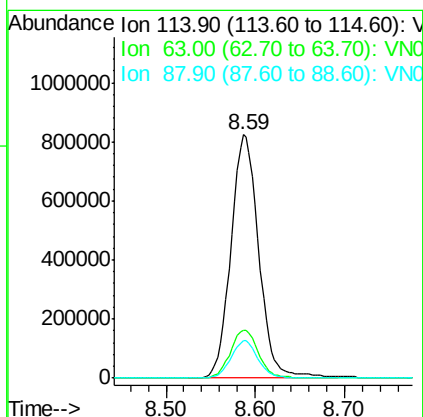
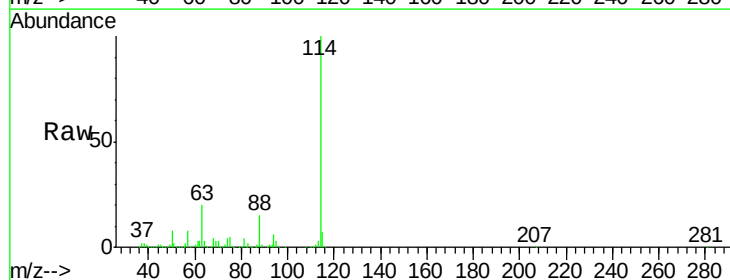
Instrument :
 MSVOA_N
 ClientSampleId :
 S-4(3-3.5)RE

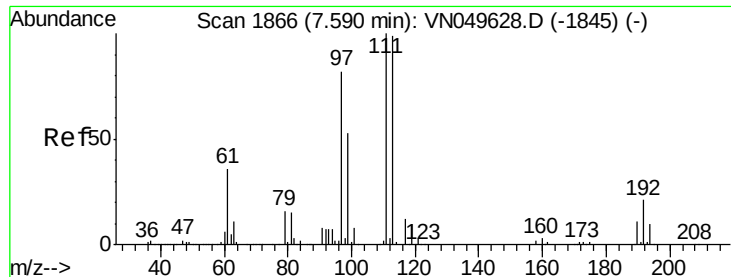
Tot Ion: 65 Resp: 749729
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049641.D
 Acq: 29 Jun 2018 19:32

Tgt Ion: 114 Resp: 1786035
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 44.4
 88 15.2 0.0 31.4

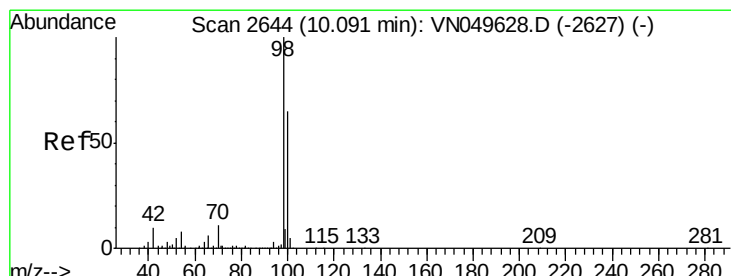
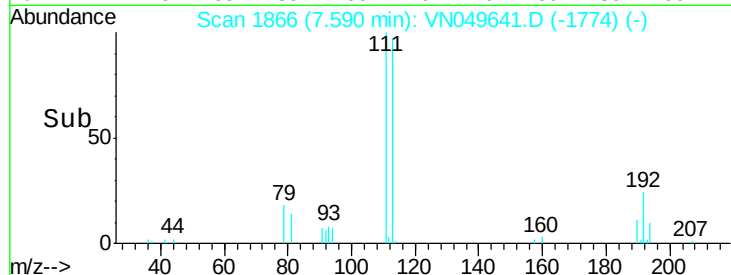
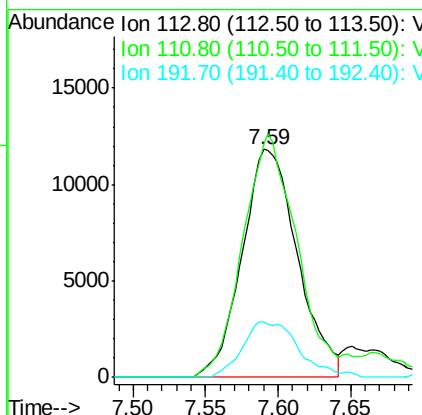
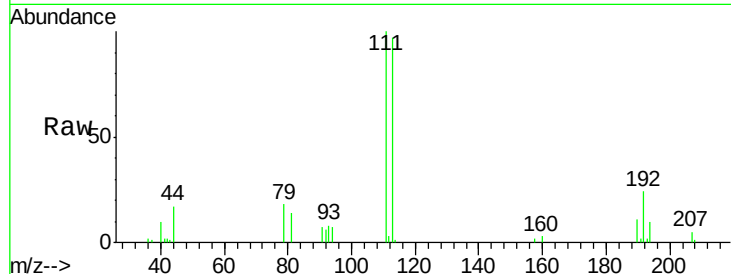




#35
Dibromofluoromethane
Concen: 2.35 ug/l
RT: 7.59 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN049641.D
Acq: 29 Jun 2018 19:32

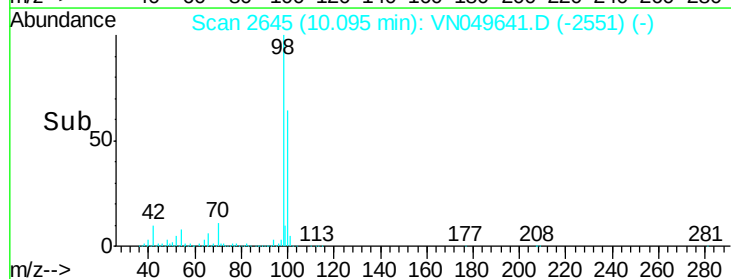
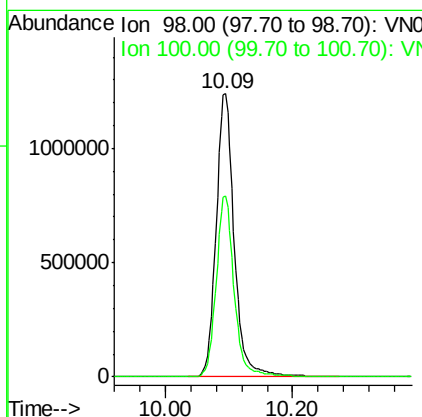
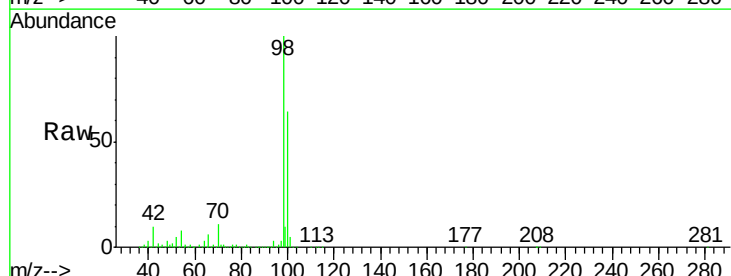
Instrument :
MSVOA_N
ClientSampleId :
S-4(3-3.5)RE

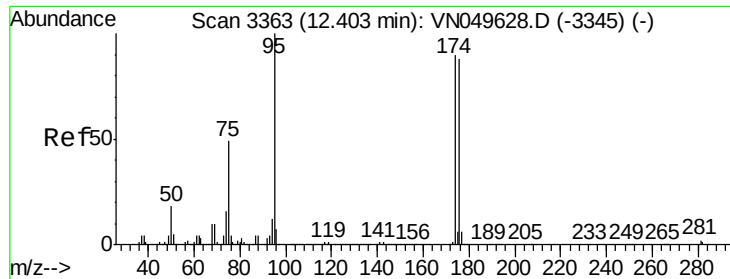
Tot Ion:113 Resp: 31392
Ion Ratio Lower Upper
113 100
111 103.2 82.4 123.6
192 25.0 15.0 22.6#



#50
Toluene-d8
Concen: 46.74 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049641.D
Acq: 29 Jun 2018 19:32

Tgt Ion: 98 Resp: 2442716
Ion Ratio Lower Upper
98 100
100 63.5 49.8 74.8





#62

4-Bromofluorobenzene

Concen: 39.00 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049641.D

Acq: 29 Jun 2018 19:32

Instrument :

MSVOA_N

ClientSampled :

S-4(3-3.5)RE

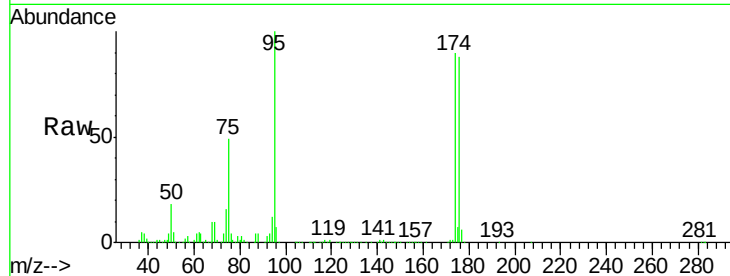
Tot Ion: 95 Resp: 695943

Ion Ratio Lower Upper

95 100

174 90.9 0.0 165.6

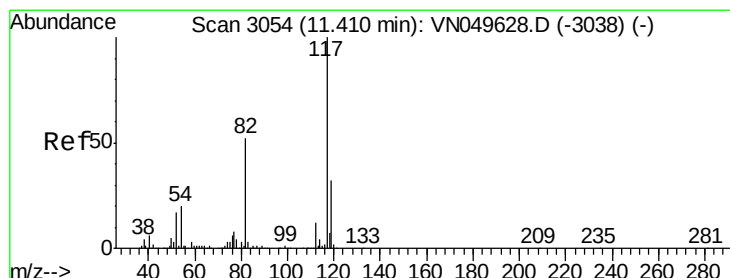
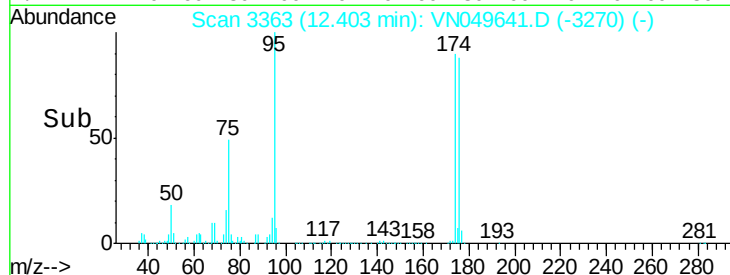
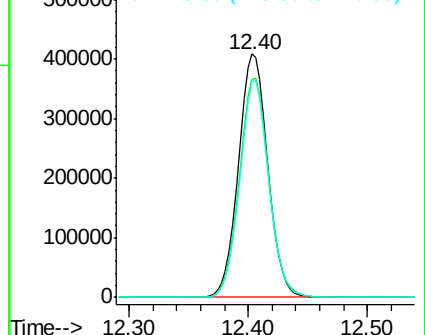
176 88.0 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049641.D

Acq: 29 Jun 2018 19:32

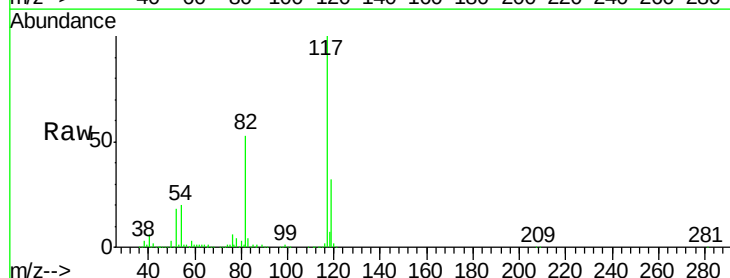
Tgt Ion: 117 Resp: 1513963

Ion Ratio Lower Upper

117 100

82 53.2 45.9 68.9

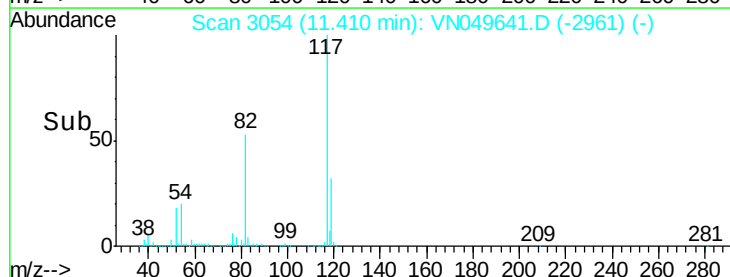
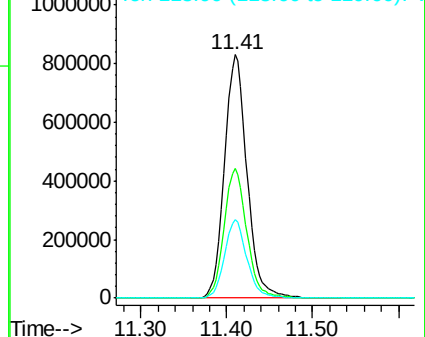
119 32.2 25.5 38.3

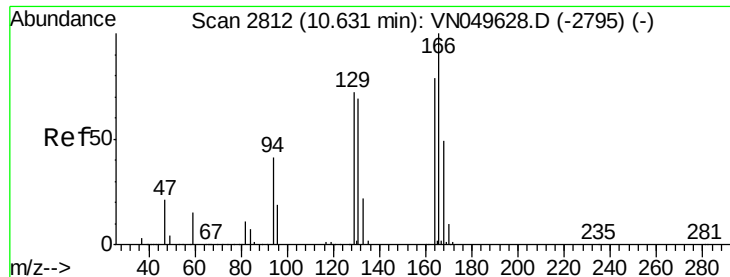


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#64

Tetrachloroethene

Concen: 2.21 ug/l

RT: 10.63 min Scan# 2812

Delta R.T. -0.00 min

Lab File: VN049641.D

Acq: 29 Jun 2018 19:32

Instrument :

MSVOA_N

ClientSampleId :

S-4(3-3.5)RE

Tot Ion:164 Resp: 45389

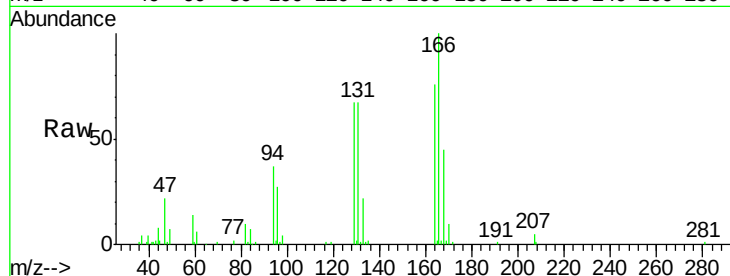
Ion Ratio Lower Upper

164 100

166 131.8 101.4 152.2

129 88.2 74.1 111.1

131 87.8 73.7 110.5

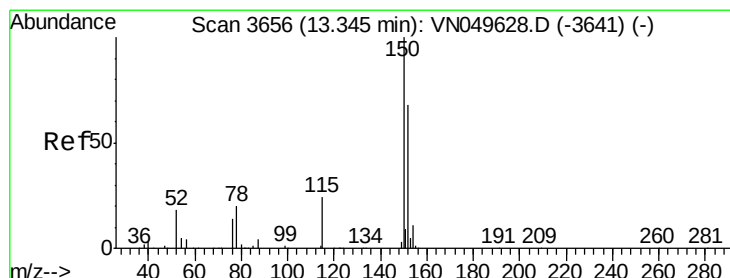
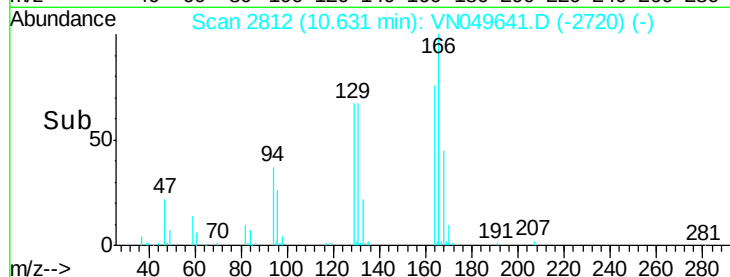
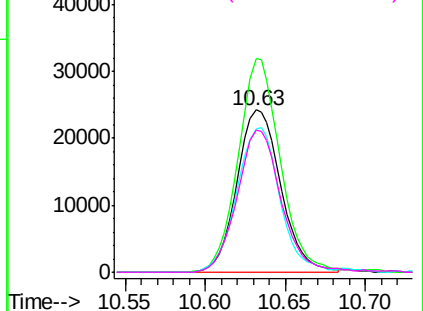


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049641.D

Acq: 29 Jun 2018 19:32

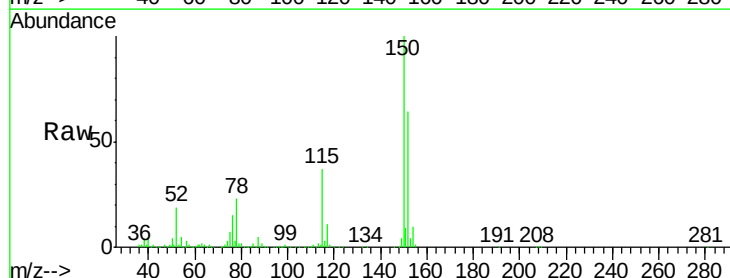
Tgt Ion:152 Resp: 557590

Ion Ratio Lower Upper

152 100

115 56.3 28.7 86.1

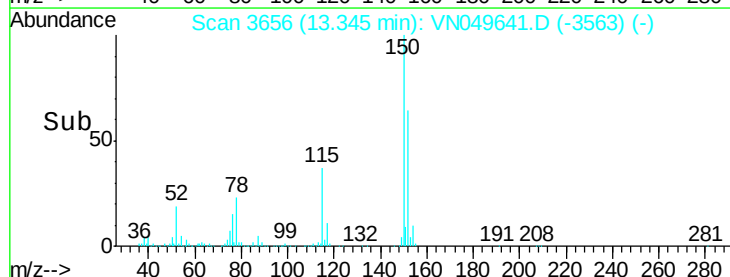
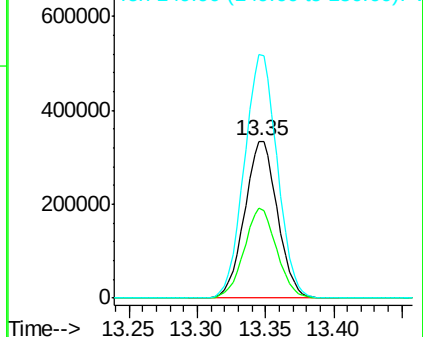
150 156.2 0.0 351.0

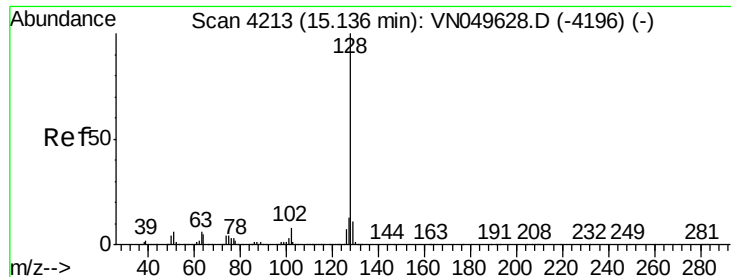


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 3.00 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049641.D

Acq: 29 Jun 2018 19:32

Instrument :

MSVOA_N

ClientSampleId :

S-4(3-3.5)RE

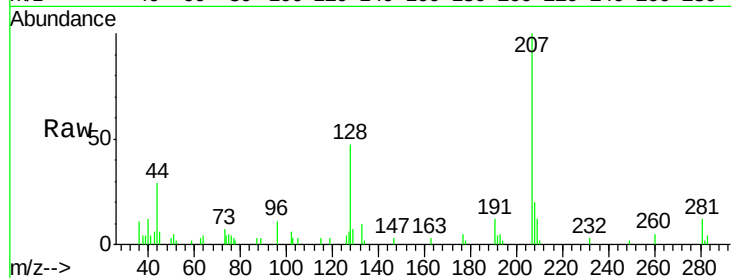
Tot Ion:128 Resp: 8122

Ion Ratio Lower Upper

128 100

127 16.2 10.6 16.0#

129 11.7 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

