

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049621.D
 Acq On : 29 Jun 2018 5:34
 Operator : MD\SY
 Sample : J3612-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-3(5-5.5)

Quant Time: Jun 29 08:59:12 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	1165555	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1893563	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1601953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	576970	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	780171	50.47	ug/l	0.00
Spiked Amount			Recovery	=	100.94%	
35) Dibromofluoromethane	7.59	113	88144	5.75	ug/l	0.00
Spiked Amount			Recovery	=	11.50%	
50) Toluene-d8	10.09	98	2569916	44.06	ug/l	0.00
Spiked Amount			Recovery	=	88.12%	
62) 4-Bromofluorobenzene	12.40	95	729208	37.81	ug/l	0.00
Spiked Amount			Recovery	=	75.62%	

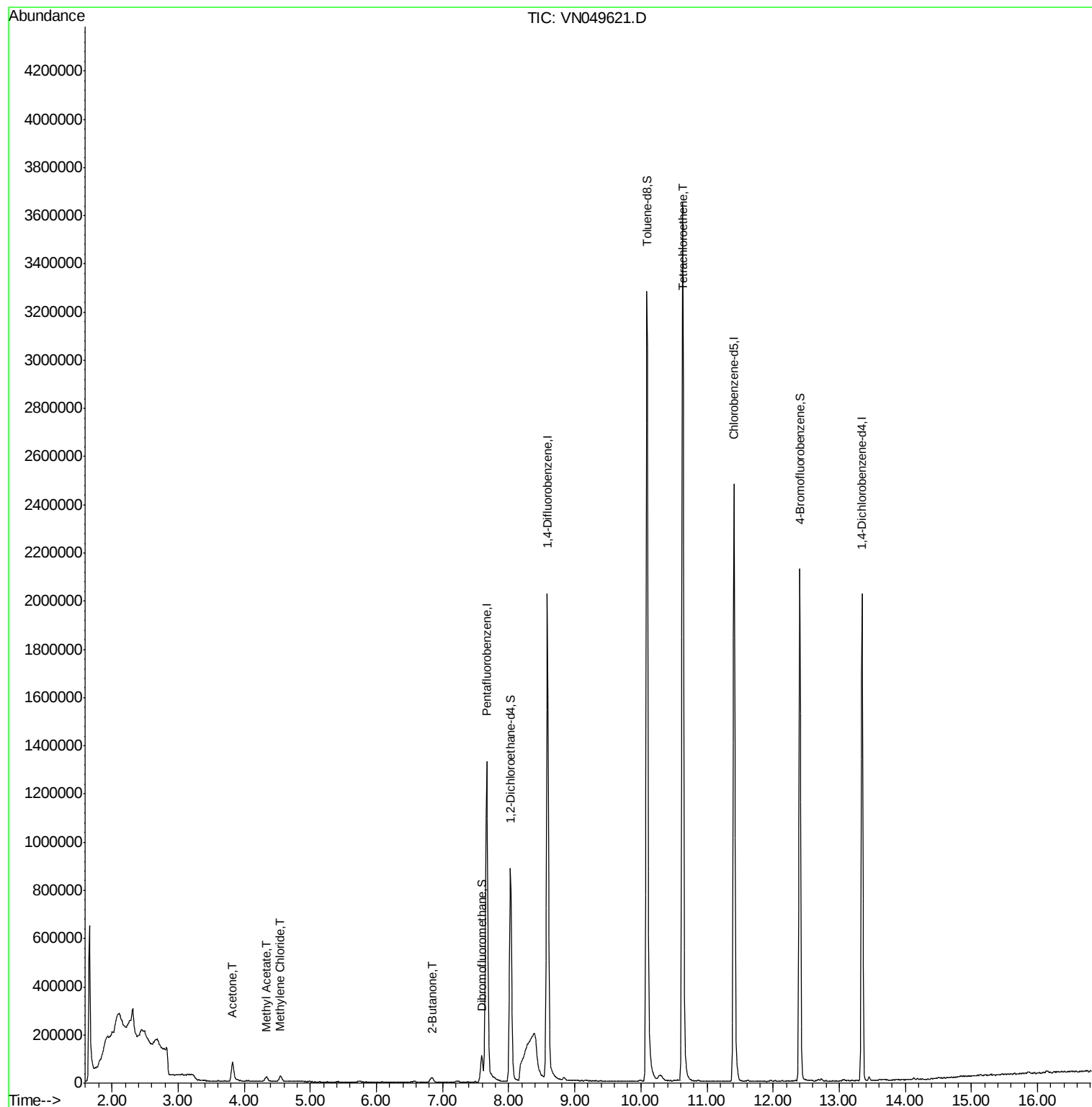
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	140669	37.48	ug/l #	88
18) Methyl Acetate	4.34	43	40336	3.52	ug/l	99
20) Methylene Chloride	4.55	84	17959	1.15	ug/l #	79
25) 2-Butanone	6.84	43	14730	2.92	ug/l	99
64) Tetrachloroethene	10.63	164	959768	58.47	ug/l	97

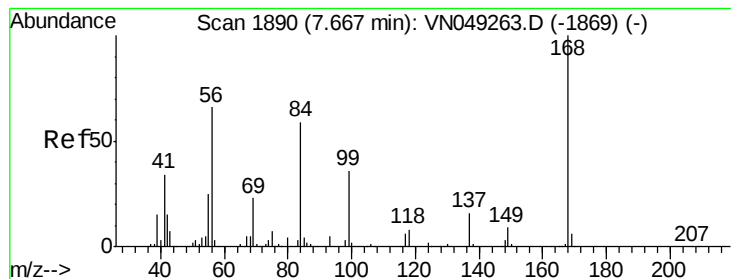
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062818\
Data File : VN049621.D
Acq On : 29 Jun 2018 5:34
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ALS Vial : 43 Sample Multiplier: 1

Instrument :
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S-3(5-5.5)

Quant Time: Jun 29 08:59:12 2018
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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049621.D

Acq: 29 Jun 2018 5:34

Instrument :

MSVOA_N

ClientSampleId :

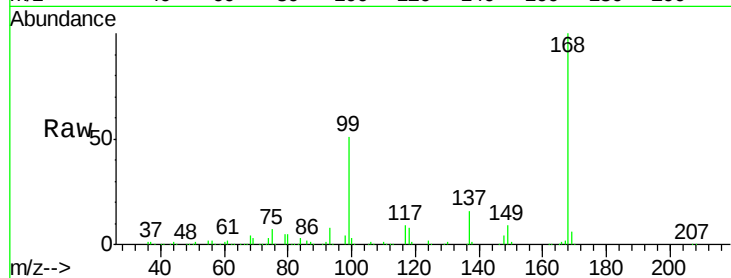
S-3(5-5.5)

Tot Ion:168 Resp: 1165555

Ion Ratio Lower Upper

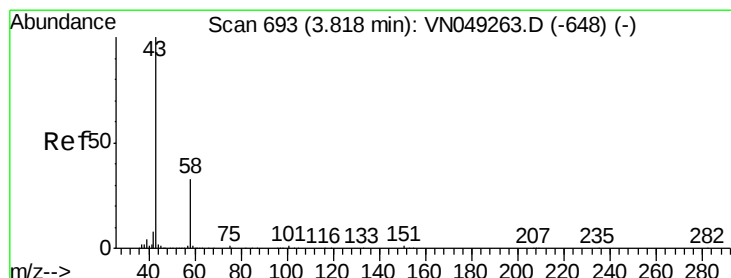
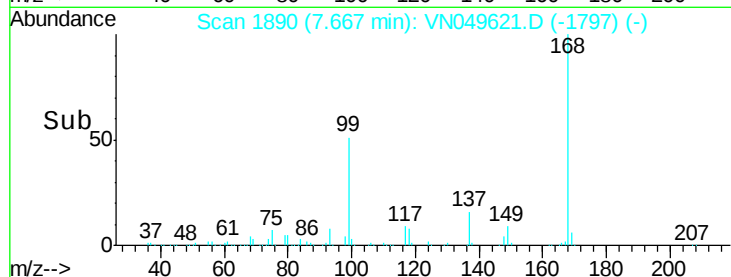
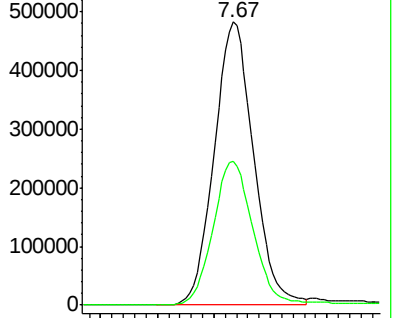
168 100

99 50.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 37.48 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049621.D

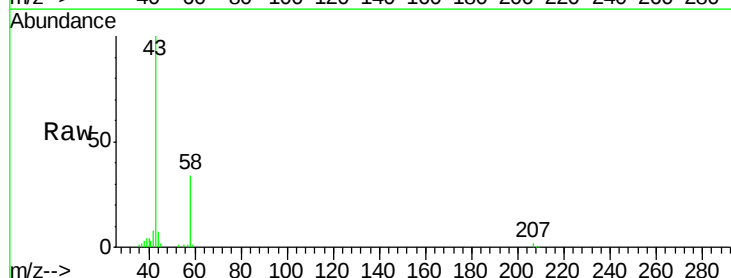
Acq: 29 Jun 2018 5:34

Tgt Ion: 43 Resp: 140669

Ion Ratio Lower Upper

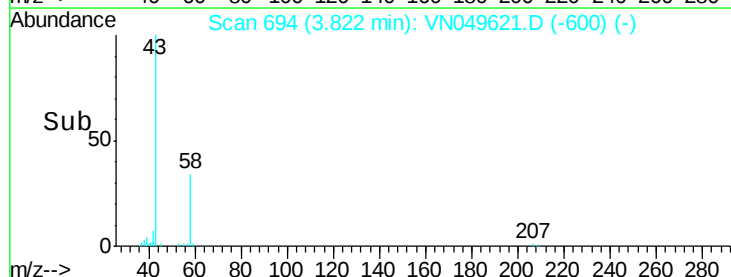
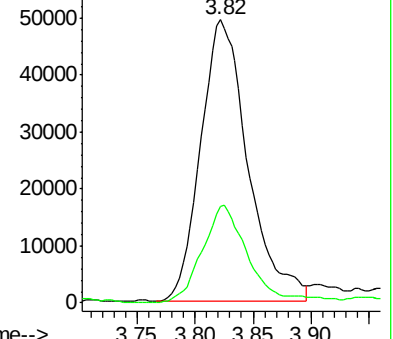
43 100

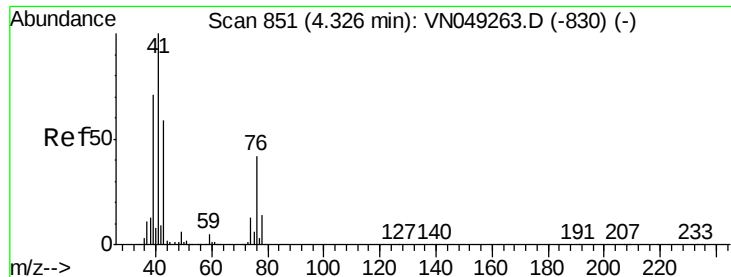
58 34.3 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

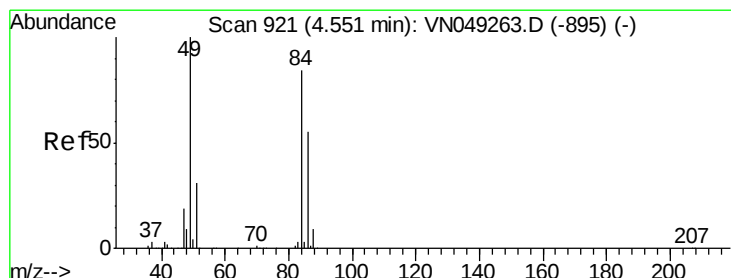
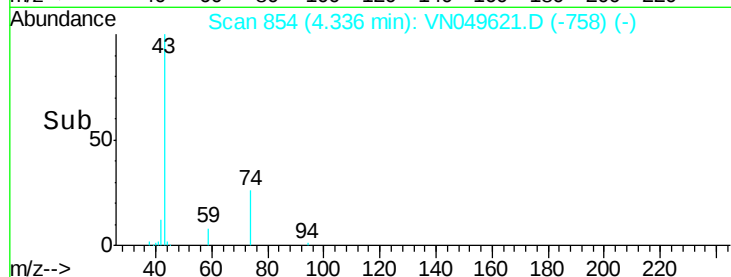
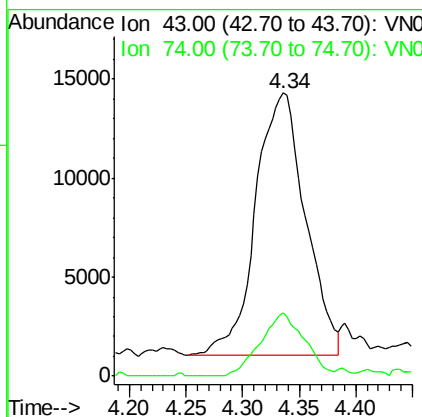
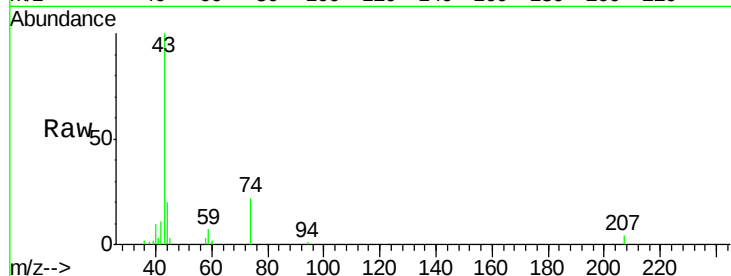




#18
Methvl Acetate
Concen: 3.52 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049621.D
Acq: 29 Jun 2018 5:34

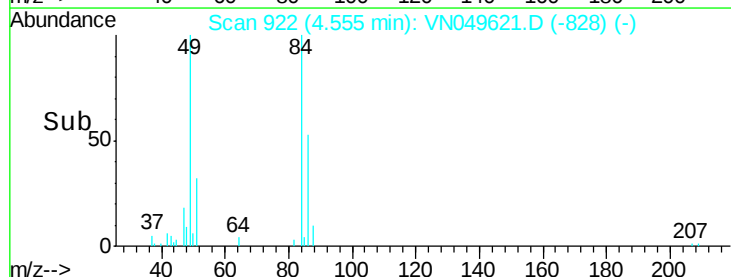
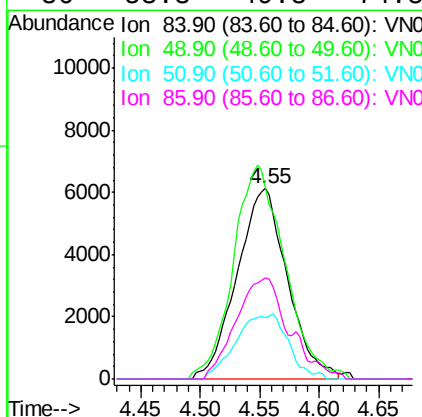
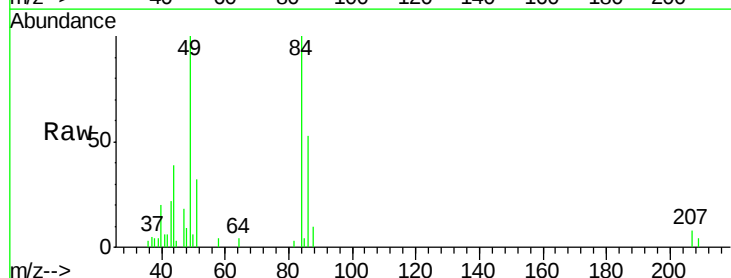
Instrument :
MSVOA_N
ClientSampleId :
S-3(5-5.5)

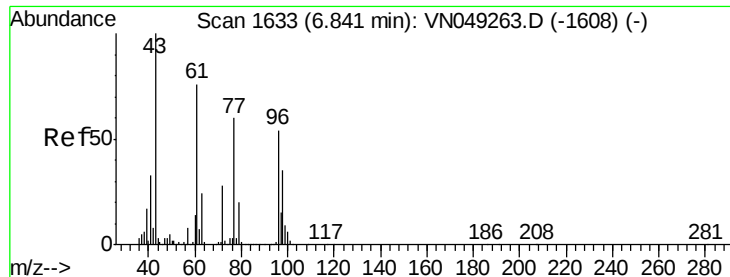
Tot Ion: 43 Resp: 40336
Ion Ratio Lower Upper
43 100
74 21.3 17.4 26.0



#20
Methylene Chloride
Concen: 1.15 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049621.D
Acq: 29 Jun 2018 5:34

Tgt Ion: 84 Resp: 17959
Ion Ratio Lower Upper
84 100
49 100.4 106.9 160.3#
51 32.3 32.7 49.1#
86 53.3 49.8 74.8

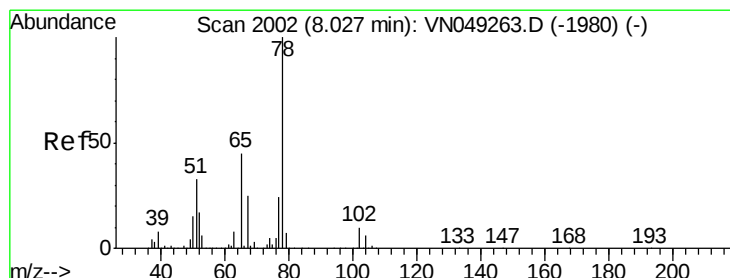
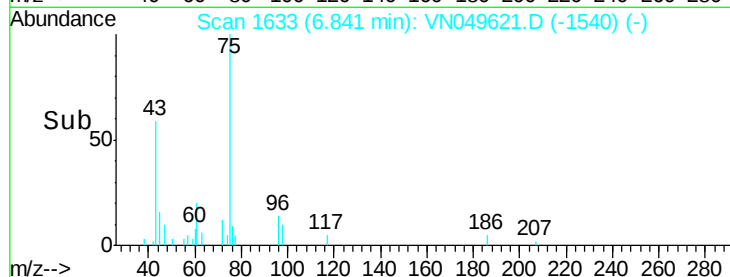
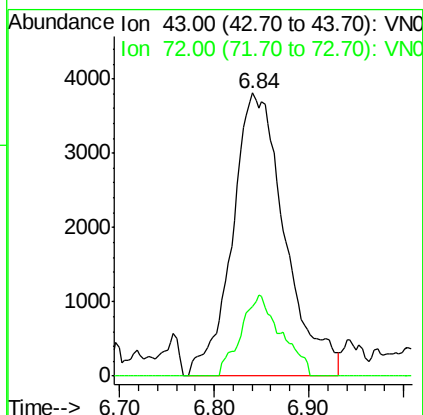
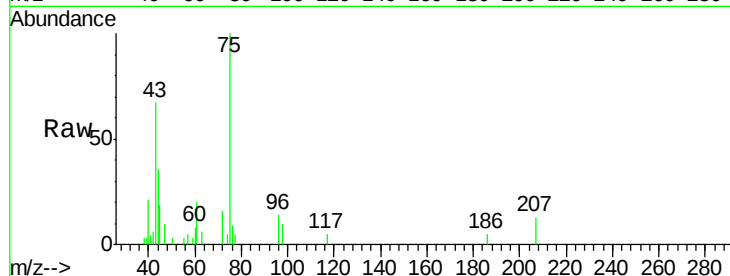




#25
 2-Butanone
 Concen: 2.92 ug/l
 RT: 6.84 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: VN049621.D
 Acq: 29 Jun 2018 5:34

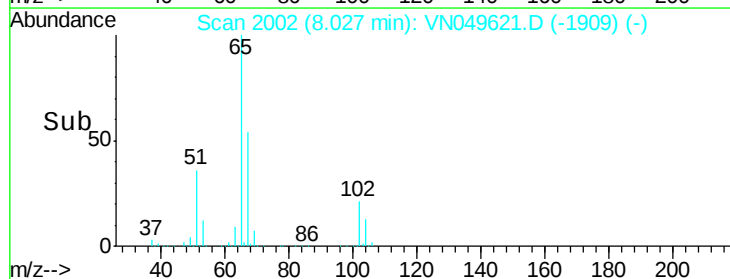
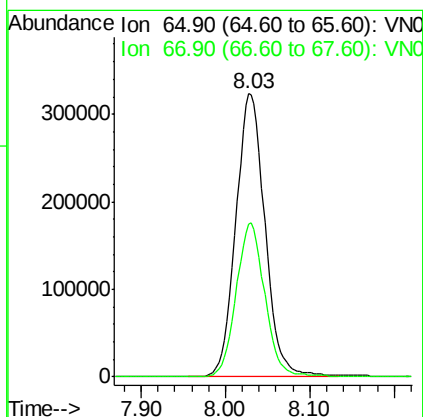
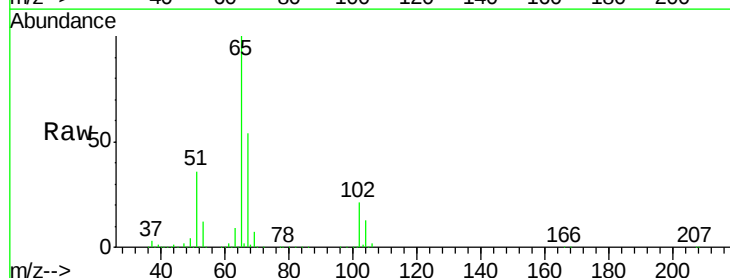
Instrument :
 MSVOA_N
 ClientSampleId :
 S-3(5-5.5)

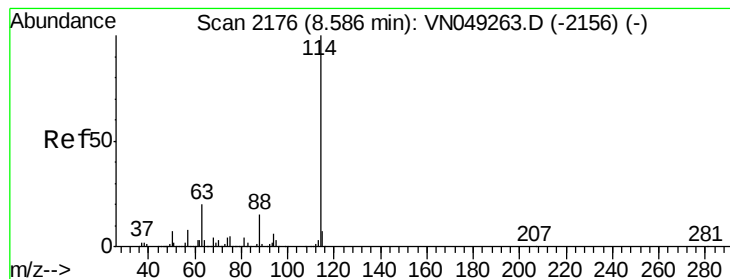
Tot Ion: 43 Resp: 14730
 Ion Ratio Lower Upper
 43 100
 72 24.7 20.2 30.2



#33
 1,2-Dichloroethane-d4
 Concen: 50.47 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049621.D
 Acq: 29 Jun 2018 5:34

Tgt Ion: 65 Resp: 780171
 Ion Ratio Lower Upper
 65 100
 67 53.1 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: VN049621.D

Acq: 29 Jun 2018 5:34

Instrument :

MSVOA_N

ClientSampleId :

S-3(5-5.5)

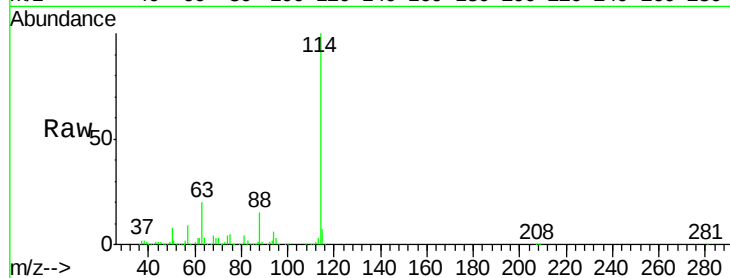
Tot Ion:114 Resp: 1893563

Ion Ratio Lower Upper

114 100

63 19.8 0.0 44.4

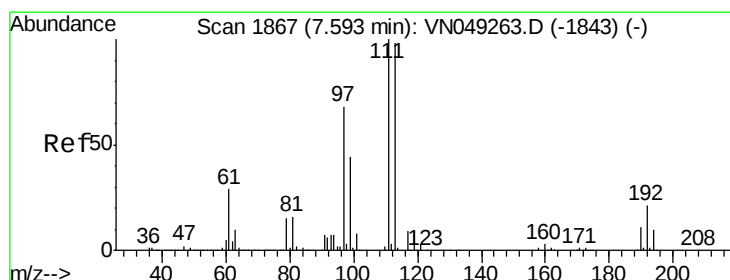
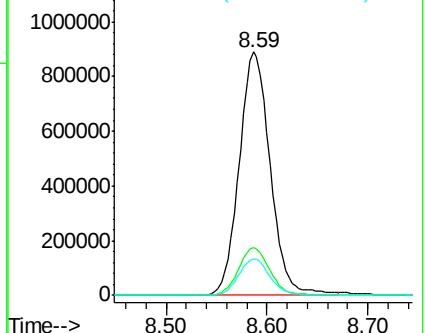
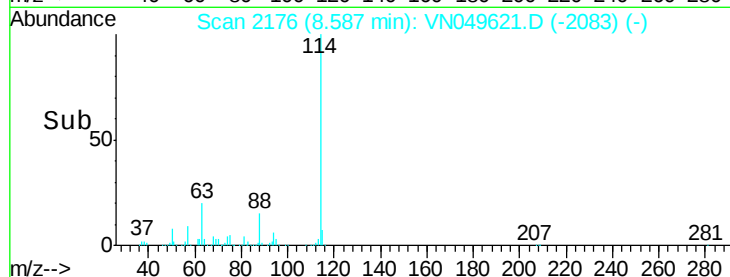
88 15.1 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 5.75 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049621.D

Acq: 29 Jun 2018 5:34

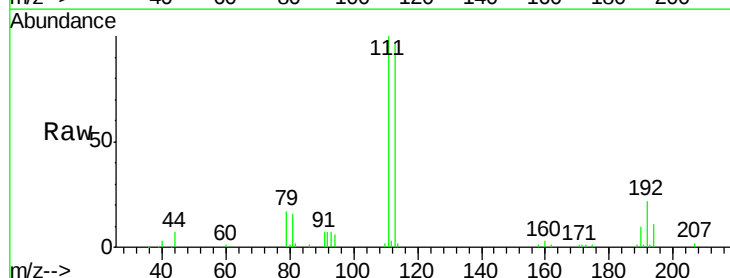
Tgt Ion:113 Resp: 88144

Ion Ratio Lower Upper

113 100

111 98.4 82.4 123.6

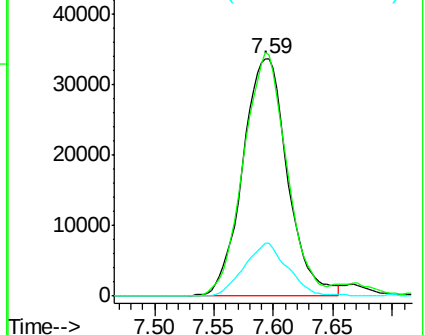
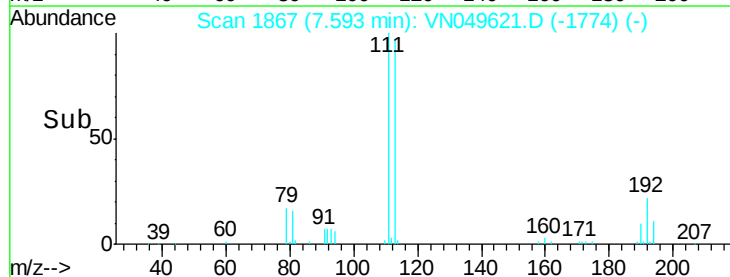
192 21.4 15.0 22.6

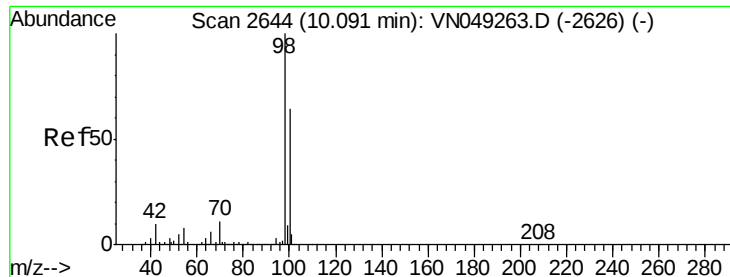


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 44.06 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049621.D

Acq: 29 Jun 2018 5:34

Instrument :

MSVOA_N

ClientSampled :

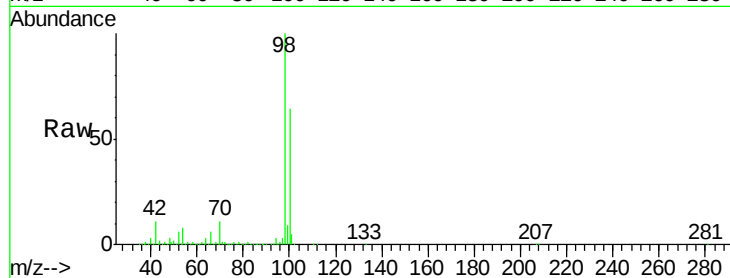
S-3(5-5.5)

Tot Ion: 98 Resp: 2569916

Ion Ratio Lower Upper

98 100

100 63.6 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN049621.D (-2551) (-)

Ion 100.00 (99.70 to 100.70): VN049621.D (-2551) (-)

1500000

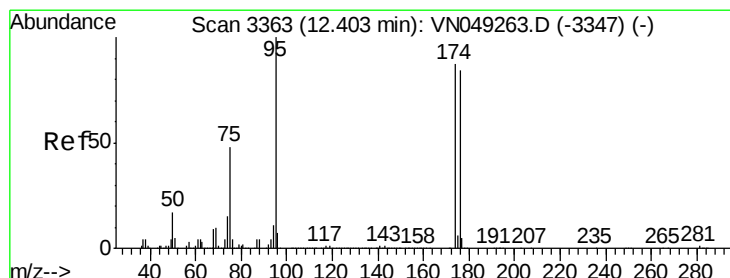
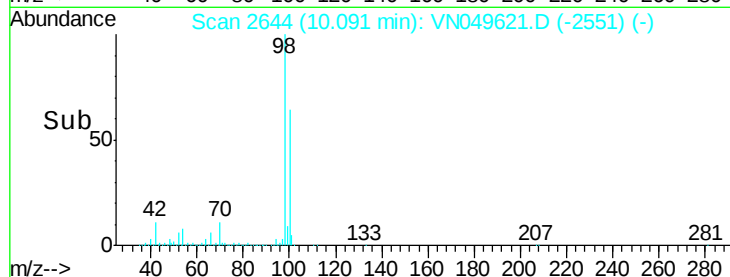
10.09

1000000

500000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 37.81 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049621.D

Acq: 29 Jun 2018 5:34

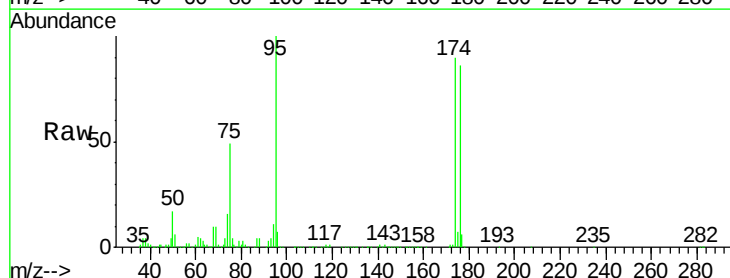
Tgt Ion: 95 Resp: 729208

Ion Ratio Lower Upper

95 100

174 90.6 0.0 165.6

176 87.1 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049621.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049621.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049621.D (-3270) (-)

600000

500000

400000

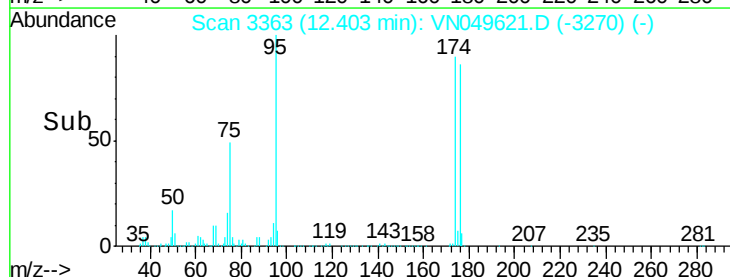
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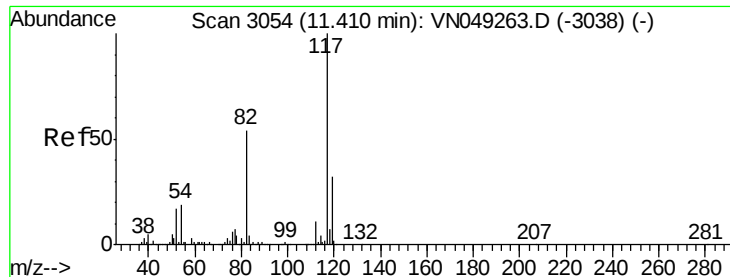
200000

100000

0

Time-->

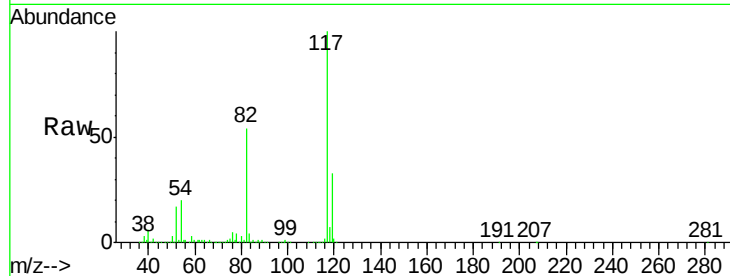




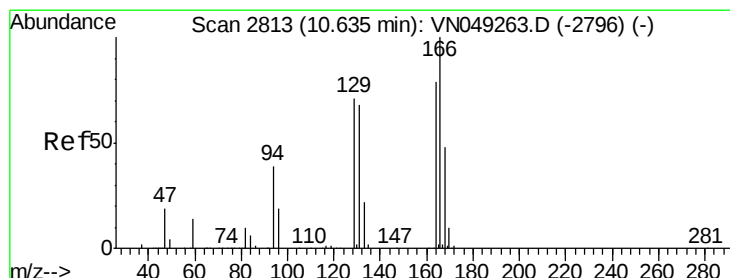
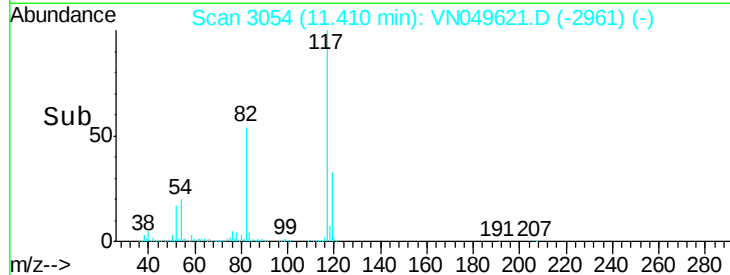
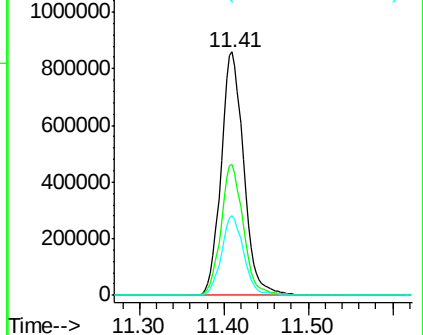
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049621.D
Acq: 29 Jun 2018 5:34

Instrument :
MSVOA_N
ClientSampled :
S-3(5-5.5)

Tot Ion:117 Resp: 1601953
Ion Ratio Lower Upper
117 100
82 53.8 45.9 68.9
119 32.5 25.5 38.3

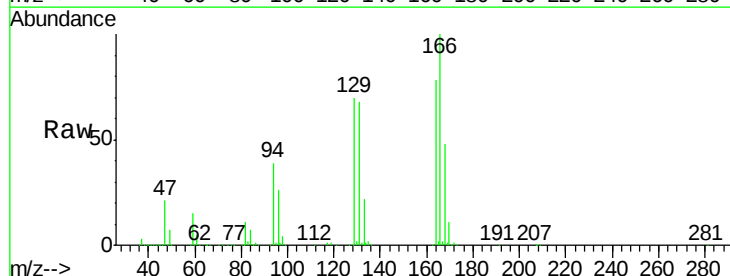


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

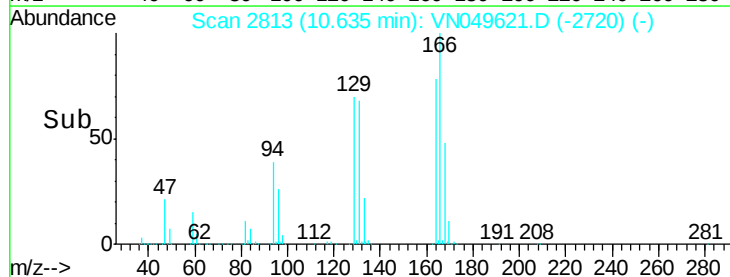
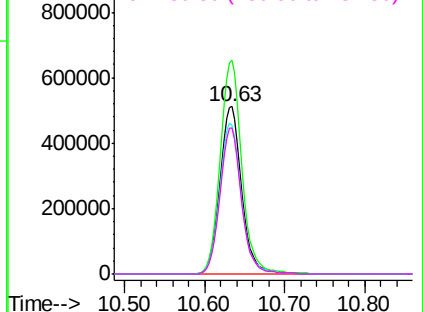


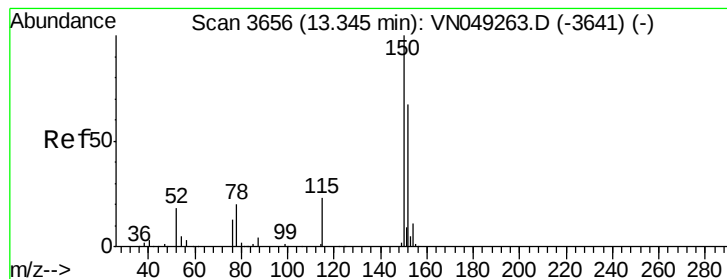
#64
Tetrachloroethene
Concen: 58.47 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN049621.D
Acq: 29 Jun 2018 5:34

Tgt Ion:164 Resp: 959768
Ion Ratio Lower Upper
164 100
166 127.8 101.4 152.2
129 89.0 74.1 111.1
131 87.2 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: VN049621.D

Acq: 29 Jun 2018 5:34

Instrument :

MSVOA_N

ClientSampleId :

S-3(5-5.5)

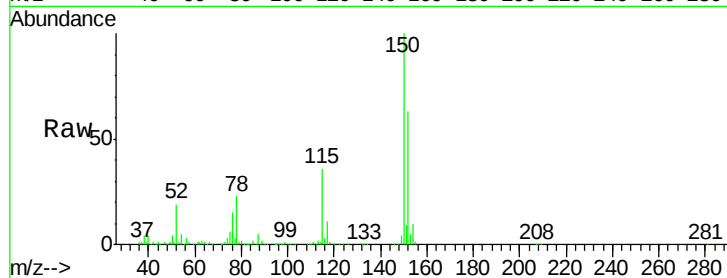
Tot Ion:152 Resp: 576970

Ion Ratio Lower Upper

152 100

115 56.1 28.7 86.1

150 156.4 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

