

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062218\
 Data File : VN049509.D
 Acq On : 22 Jun 2018 22:49
 Operator : MD\SY
 Sample : J3570-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20180376-COMPOSITE-CS-1B-ELU

Quant Time: Jun 22 23:57:03 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	1531671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2508692	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2113207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	607013	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	1103984	54.34	ug/l	0.00
Spiked Amount						
			Recovery	=	108.68%	
35) Dibromofluoromethane	7.59	113	972959	47.94	ug/l	0.00
Spiked Amount						
			Recovery	=	95.88%	
50) Toluene-d8	10.09	98	3453208	44.68	ug/l	0.00
Spiked Amount						
			Recovery	=	89.36%	
62) 4-Bromofluorobenzene	12.41	95	911227	35.66	ug/l	0.00
Spiked Amount						
			Recovery	=	71.32%	

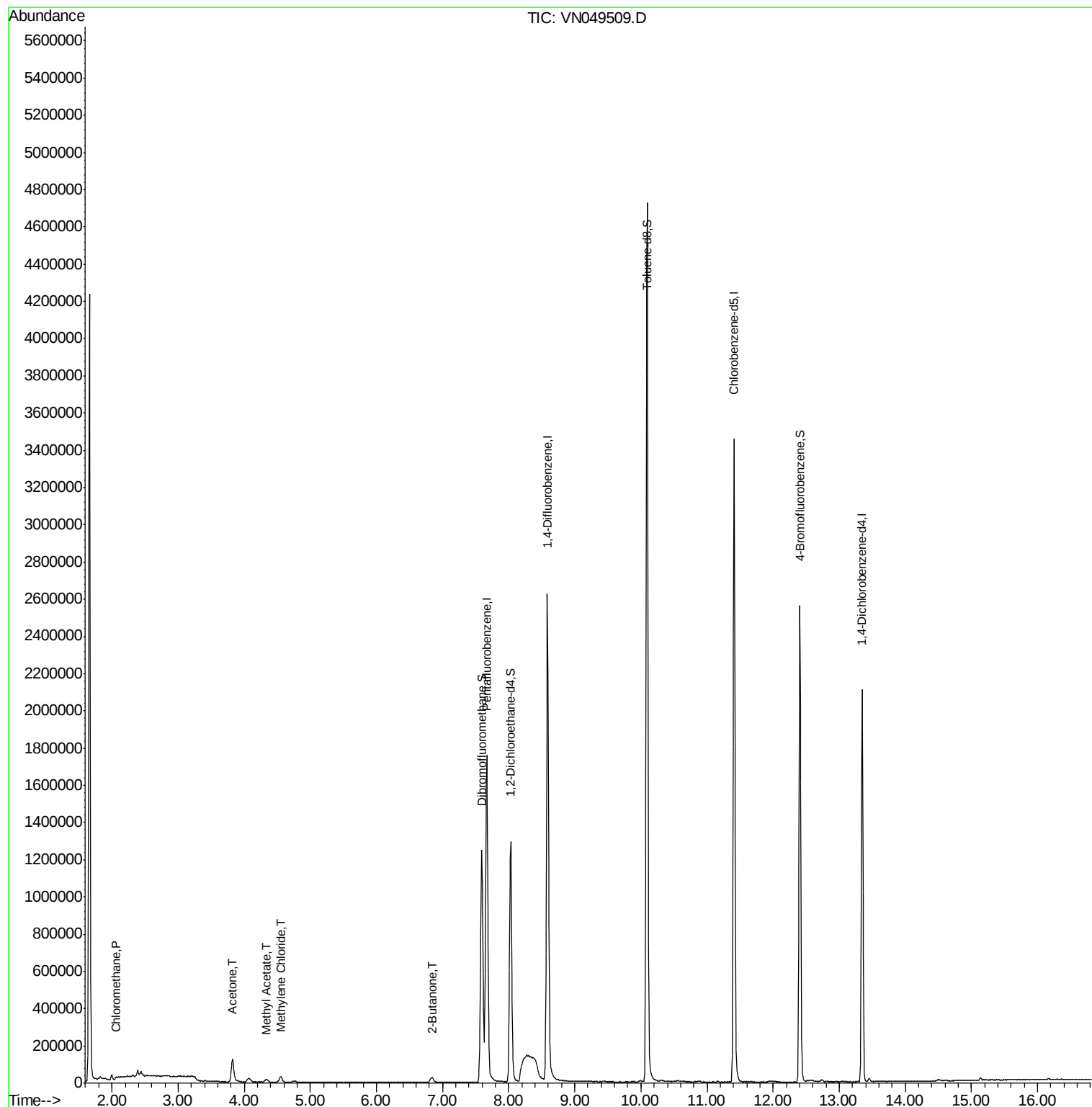
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	7485	0.33	ug/l	93
16) Acetone	3.82	43	208842	42.34	ug/l	96
18) Methyl Acetate	4.33	43	28490	1.89	ug/l #	88
20) Methylene Chloride	4.55	84	21384	1.04	ug/l	93
25) 2-Butanone	6.85	43	15501	2.34	ug/l #	87

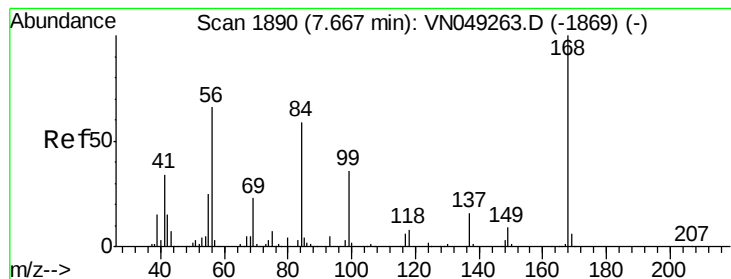
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049509.D

Acq: 22 Jun 2018 22:49

Instrument :

MSVOA_N

ClientSampleId :

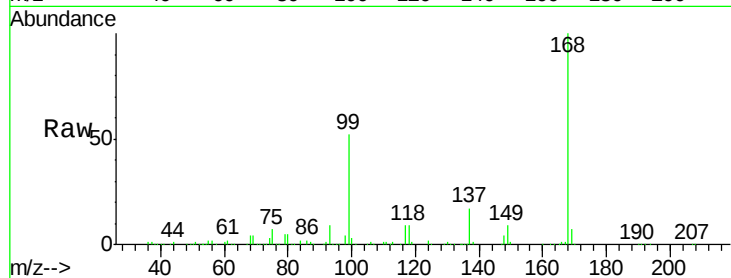
20180376-COMPOSITE-CS-1B-ELU

Tot Ion:168 Resp: 1531671

Ion Ratio Lower Upper

168 100

99 52.2 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

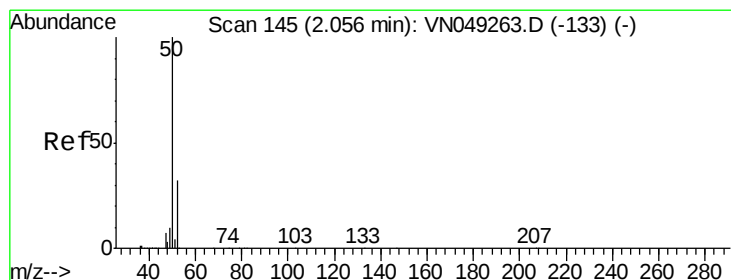
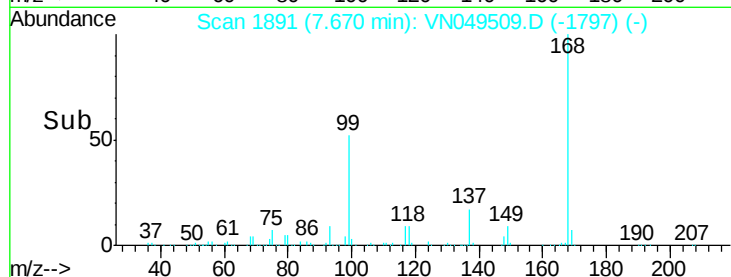
600000

400000

200000

0

Time--> 7.50 7.60 7.70 7.80



#3

Chloromethane

Concen: 0.33 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN049509.D

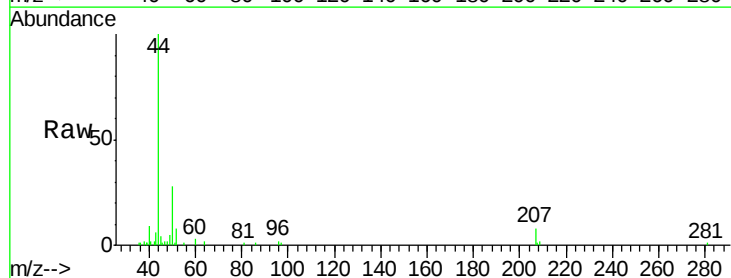
Acq: 22 Jun 2018 22:49

Tgt Ion: 50 Resp: 7485

Ion Ratio Lower Upper

50 100

52 27.8 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

5000

4000

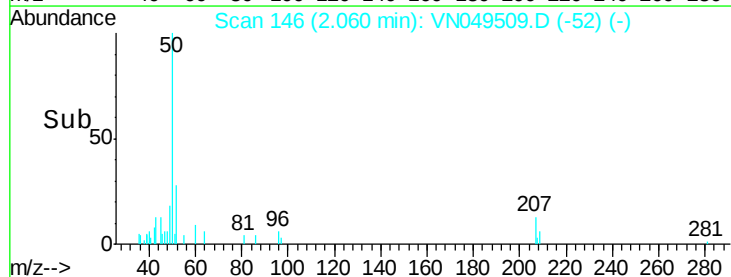
3000

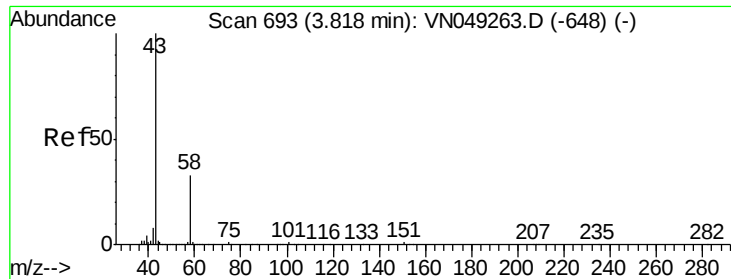
2000

1000

0

Time--> 2.00 2.05 2.10





#16

Acetone

Concen: 42.34 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049509.D

Acq: 22 Jun 2018 22:49

Instrument :

MSVOA_N

ClientSampleId :

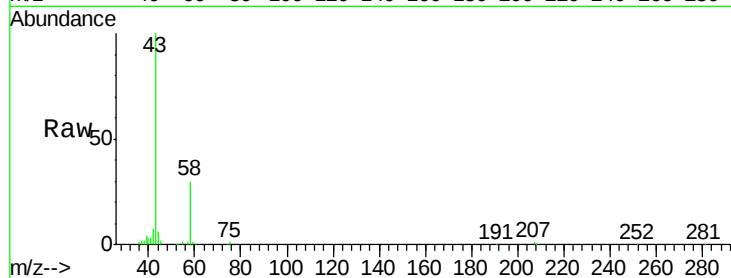
20180376-COMPOSITE-CS-1B-ELU

Tot Ion: 43 Resp: 208842

Ion Ratio Lower Upper

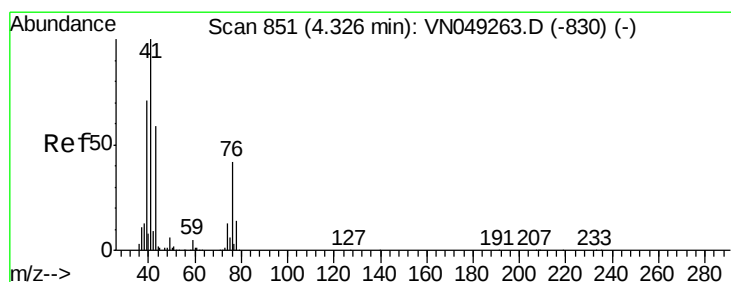
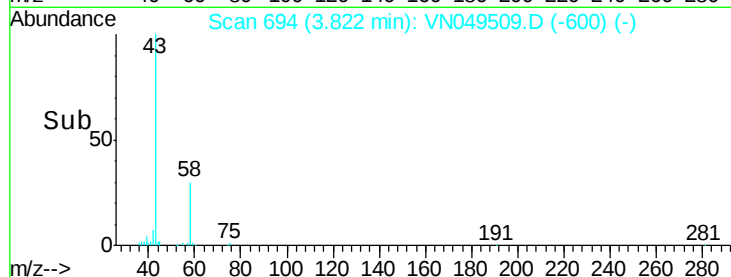
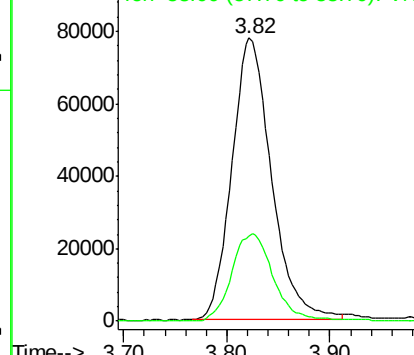
43 100

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



#18

Methyl Acetate

Concen: 1.89 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049509.D

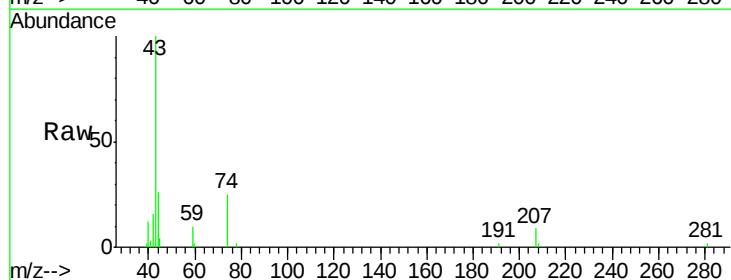
Acq: 22 Jun 2018 22:49

Tgt Ion: 43 Resp: 28490

Ion Ratio Lower Upper

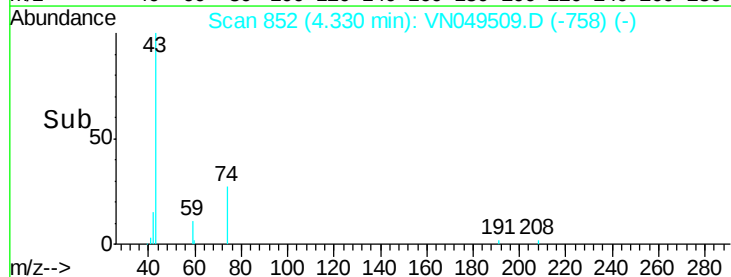
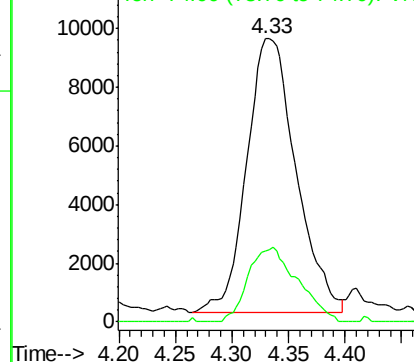
43 100

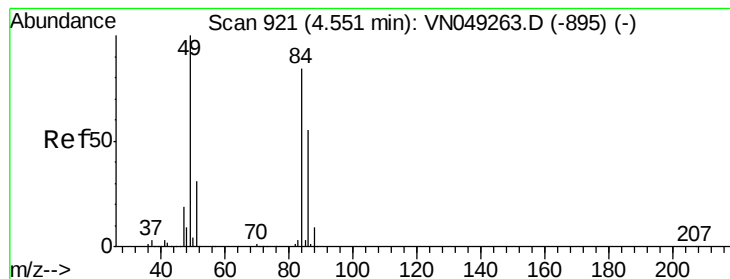
74 27.2 17.4 26.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#20

Methvlene Chloride

Concen: 1.04 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN049509.D

Acq: 22 Jun 2018 22:49

Instrument :

MSVOA_N

ClientSampleId :

20180376-COMPOSITE-CS-1B-ELU

Tot Ion: 84 Resp: 21384

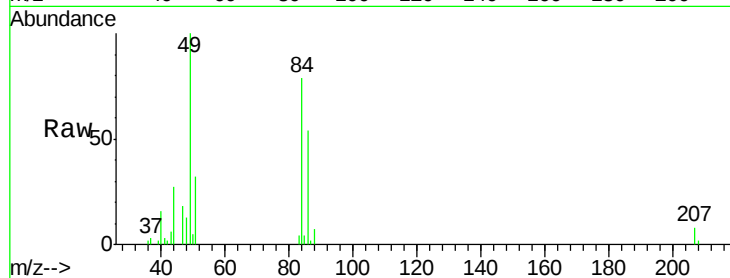
Ion Ratio Lower Upper

84 100

49 124.4 106.9 160.3

51 40.5 32.7 49.1

86 68.5 49.8 74.8

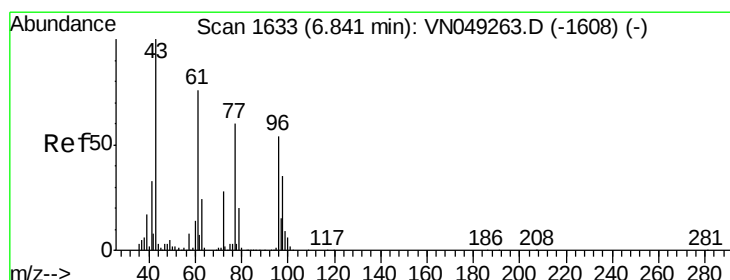
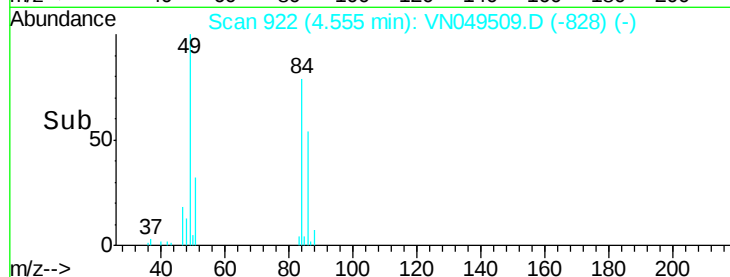
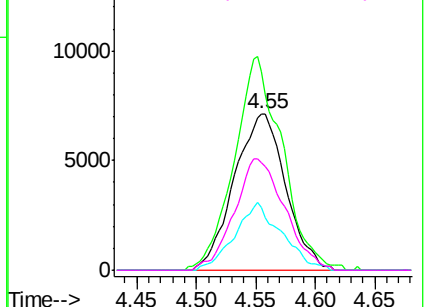


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 2.34 ug/l

RT: 6.85 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VN049509.D

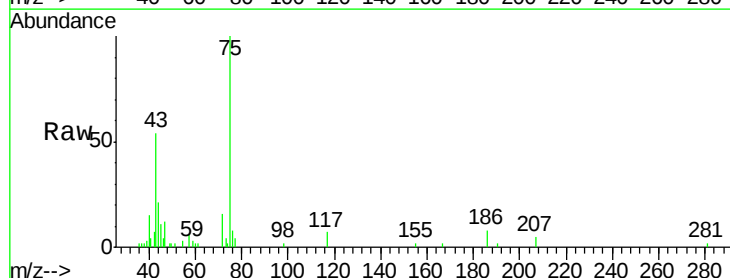
Acq: 22 Jun 2018 22:49

Tgt Ion: 43 Resp: 15501

Ion Ratio Lower Upper

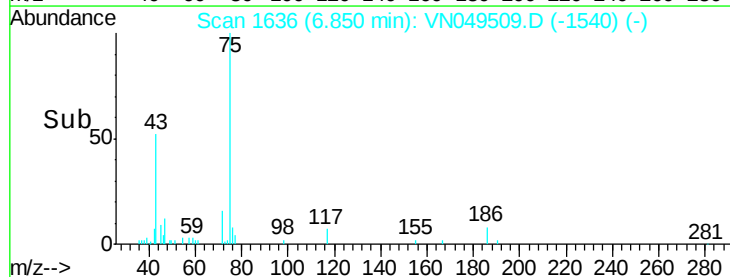
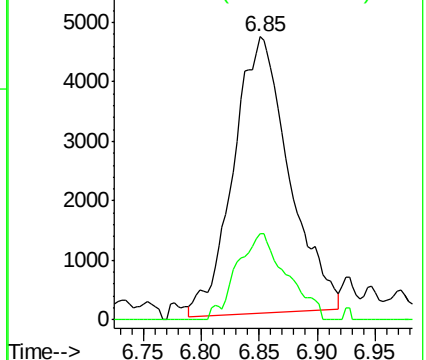
43 100

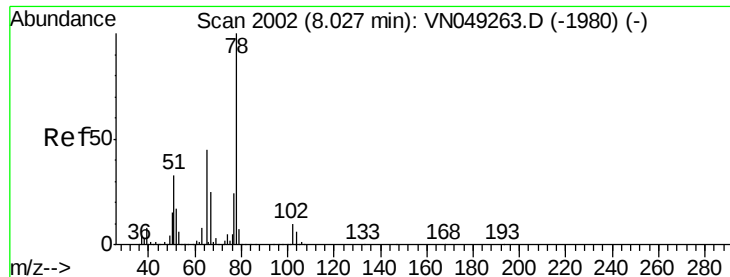
72 32.0 20.2 30.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

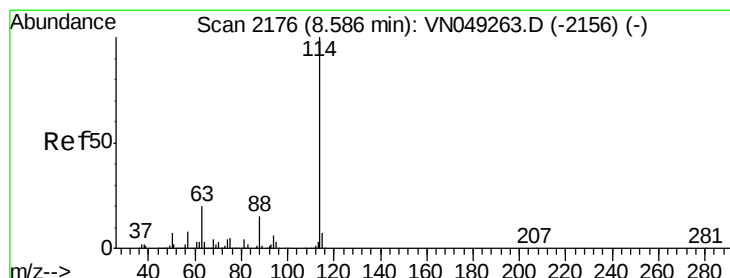
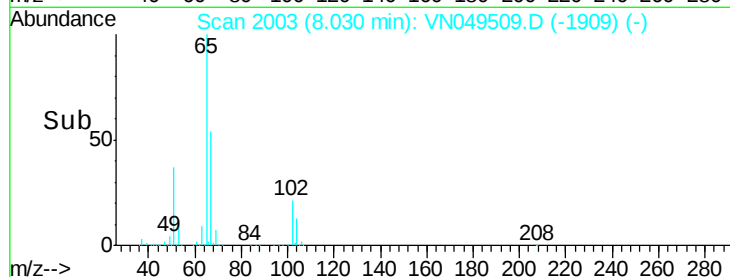
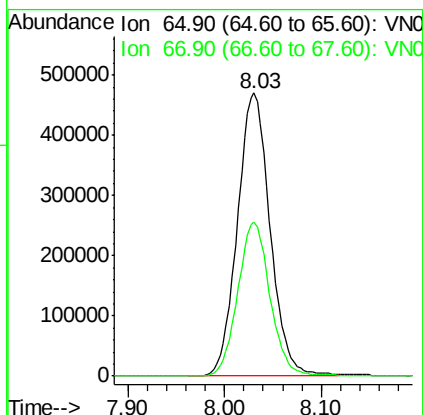
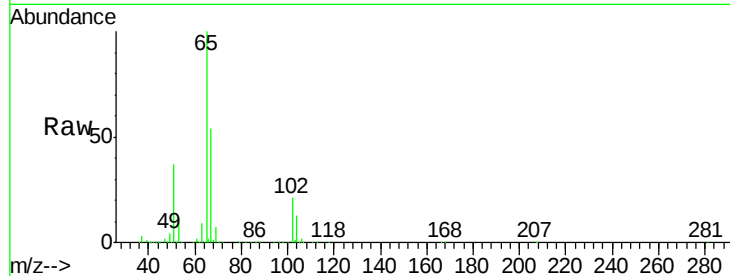




#33
 1,2-Dichloroethane-d4
 Concen: 54.34 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049509.D
 Acq: 22 Jun 2018 22:49

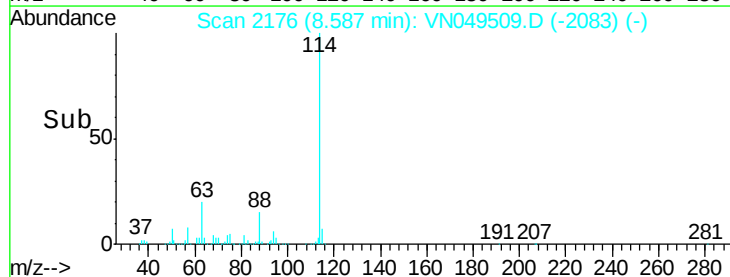
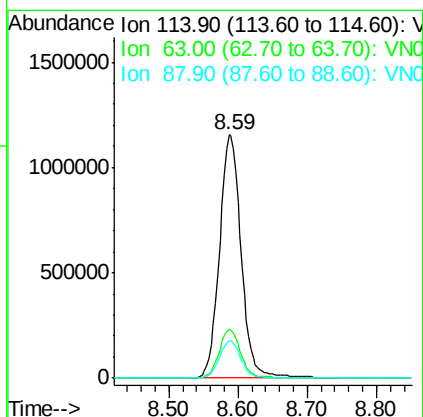
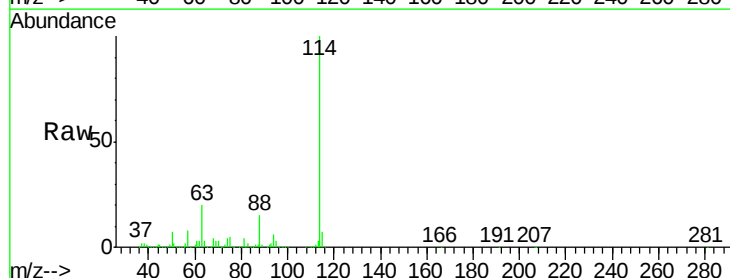
Instrument :
 MSVOA_N
 ClientSampleId :
 20180376-COMPOSITE-CS-1B-ELU

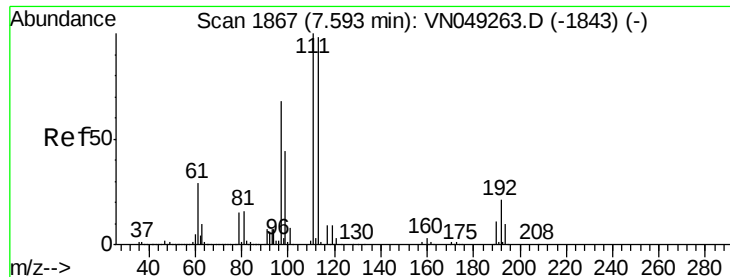
Tot Ion: 65 Resp: 1103984
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049509.D
 Acq: 22 Jun 2018 22:49

Tgt Ion: 114 Resp: 2508692
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 44.4
 88 15.3 0.0 31.4

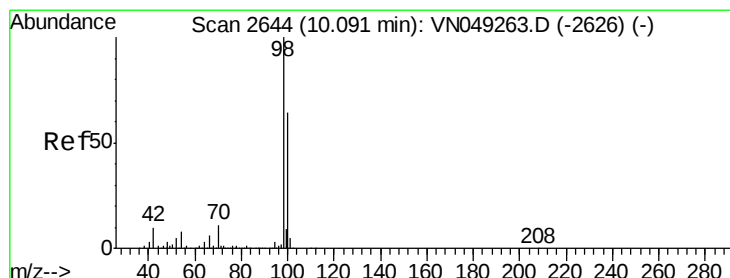
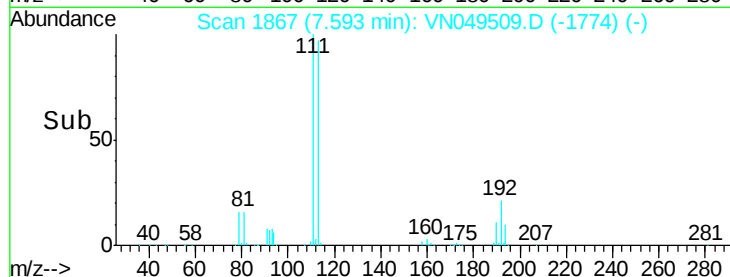
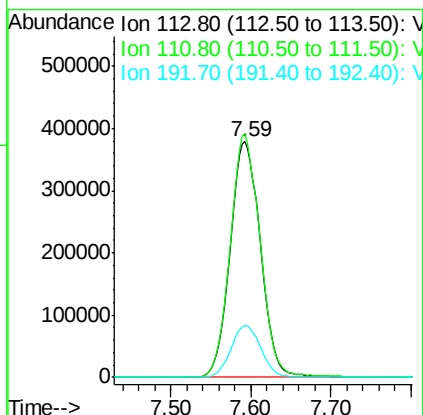
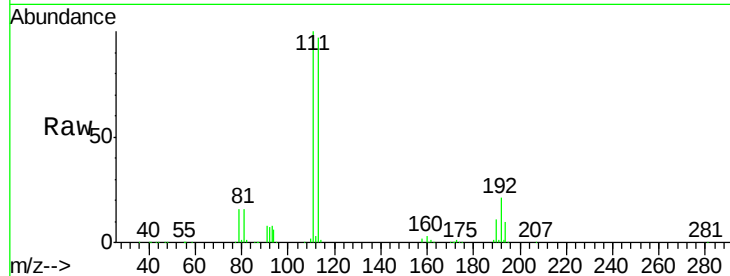




#35
Dibromofluoromethane
Concen: 47.94 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049509.D
Acq: 22 Jun 2018 22:49

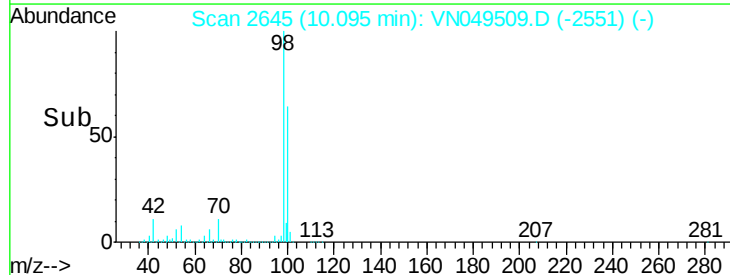
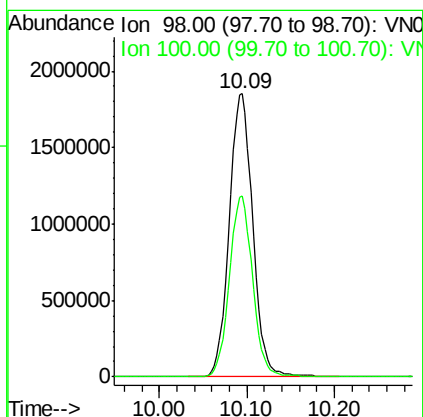
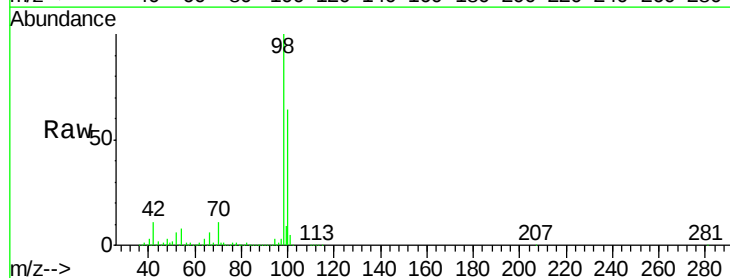
Instrument :
MSVOA_N
ClientSampleId :
20180376-COMPOSITE-CS-1B-ELU

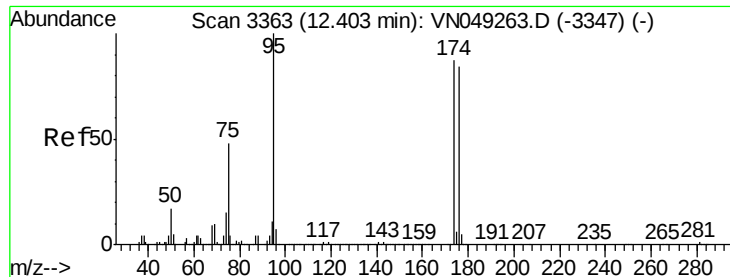
Tot Ion:113 Resp: 972959
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 21.7 15.0 22.6



#50
Toluene-d8
Concen: 44.68 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049509.D
Acq: 22 Jun 2018 22:49

Tgt Ion: 98 Resp: 3453208
Ion Ratio Lower Upper
98 100
100 63.3 49.8 74.8





#62

4-Bromofluorobenzene

Concen: 35.66 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049509.D

Acq: 22 Jun 2018 22:49

Instrument :

MSVOA_N

ClientSampleId :

20180376-COMPOSITE-CS-1B-ELU

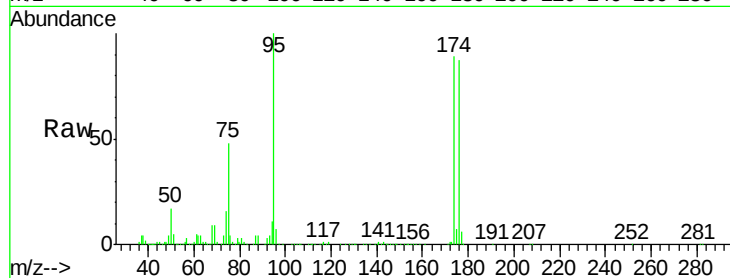
Tot Ion: 95 Resp: 911227

Ion Ratio Lower Upper

95 100

174 88.5 0.0 165.6

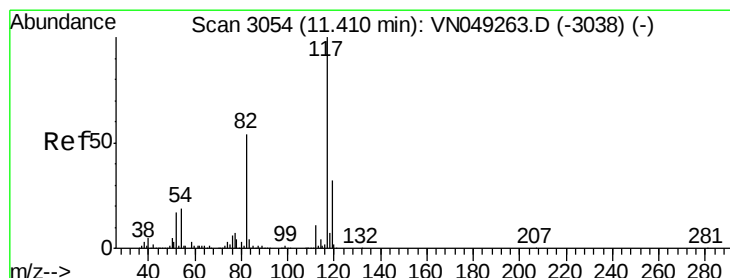
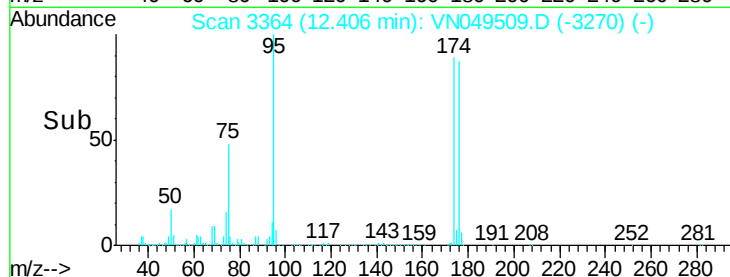
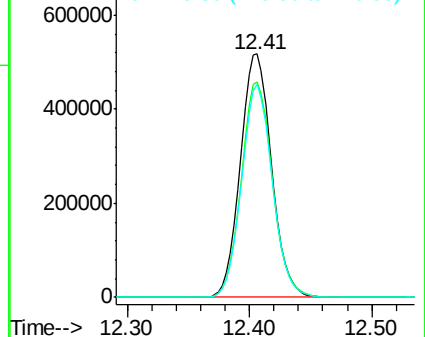
176 85.9 0.0 157.4



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: VN049509.D

Acq: 22 Jun 2018 22:49

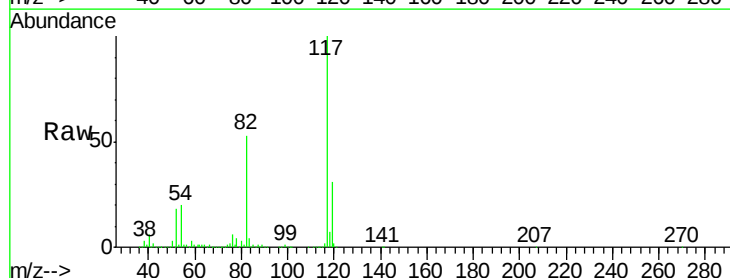
Tgt Ion: 117 Resp: 2113207

Ion Ratio Lower Upper

117 100

82 53.0 45.9 68.9

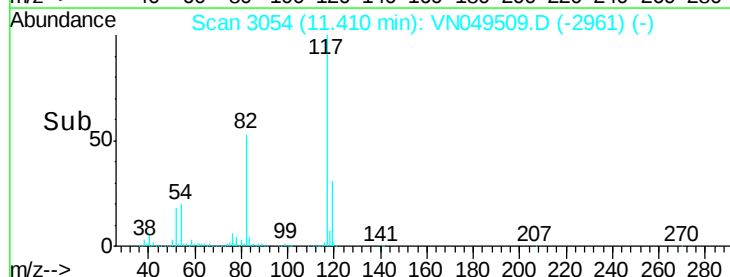
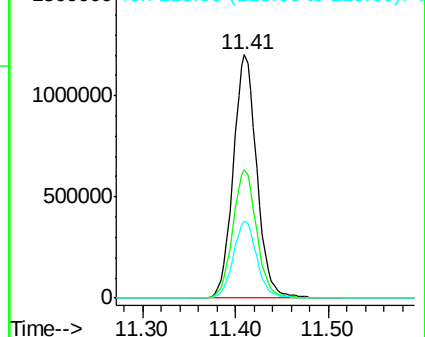
119 31.5 25.5 38.3

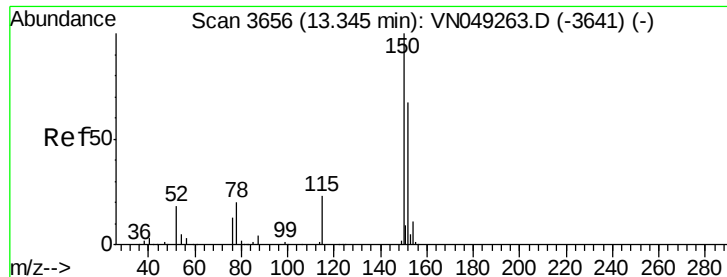


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049509.D

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ClientSampleId :

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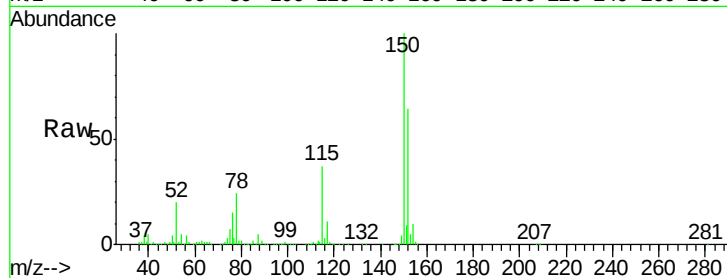
Tot Ion:152 Resp: 607013

Ion Ratio Lower Upper

152 100

115 57.0 28.7 86.1

150 157.9 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

