

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062218\
 Data File : VN049505.D
 Acq On : 22 Jun 2018 21:07
 Operator : MD\SY
 Sample : J3252-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-062118

Quant Time: Jun 22 23:34:03 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

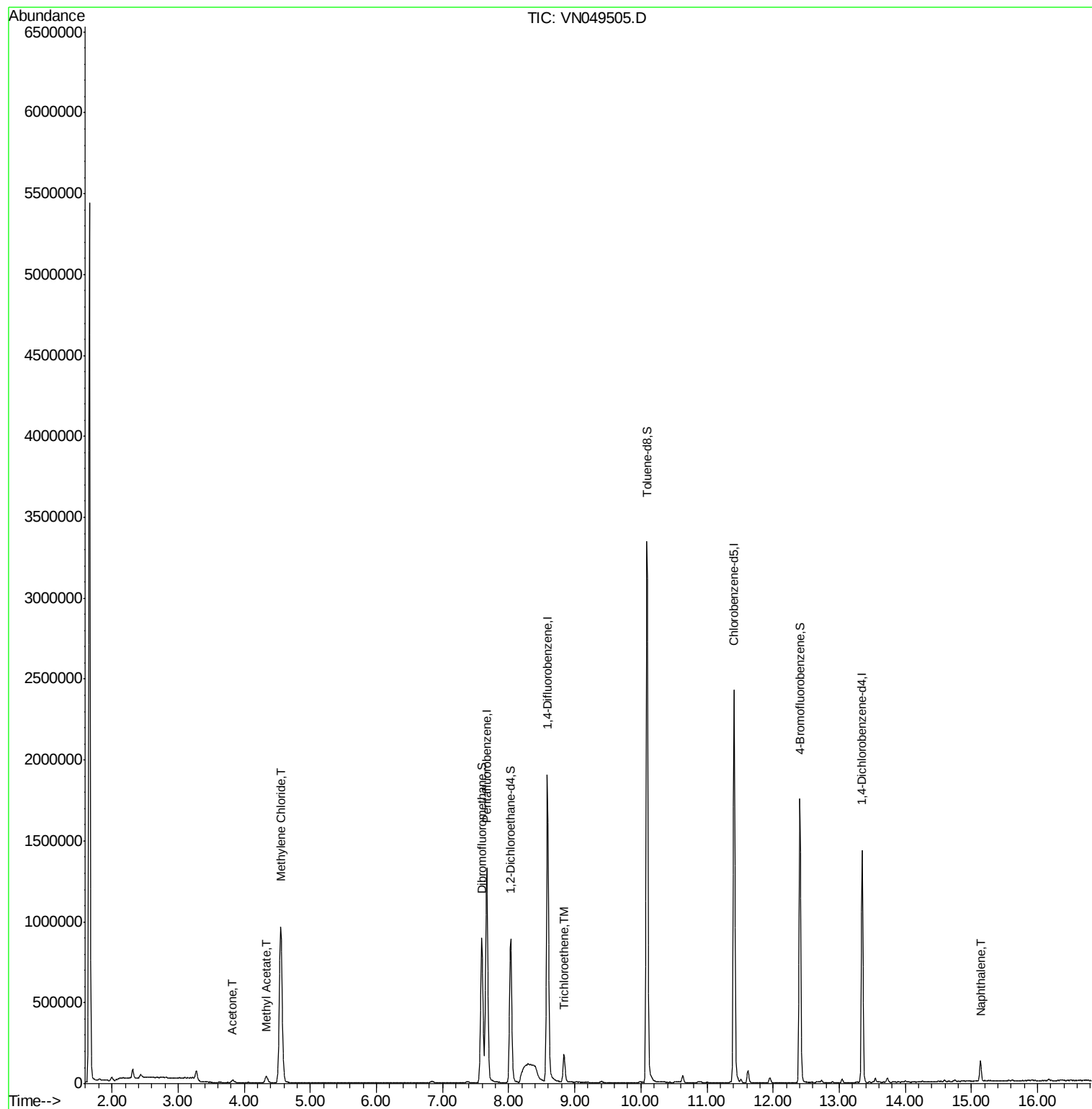
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1128871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1790623	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1503092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	413718	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	781084	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.34%	
35) Dibromofluoromethane	7.59	113	690957	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
50) Toluene-d8	10.09	98	2464396	44.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.36%	
62) 4-Bromofluorobenzene	12.41	95	617544	33.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.72%	
Target Compounds						
16) Acetone	3.82	43	27069	7.45	ug/l	96
18) Methyl Acetate	4.33	43	83503	7.53	ug/l	98
20) Methylene Chloride	4.55	84	748533	49.30	ug/l	93
44) Trichloroethene	8.84	130	67959	4.09	ug/l	93
95) Naphthalene	15.14	128	106276	11.11	ug/l	98

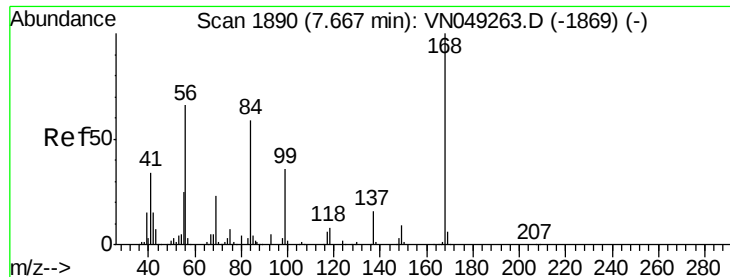
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049505.D

Acq: 22 Jun 2018 21:07

Instrument :

MSVOA_N

ClientSampled :

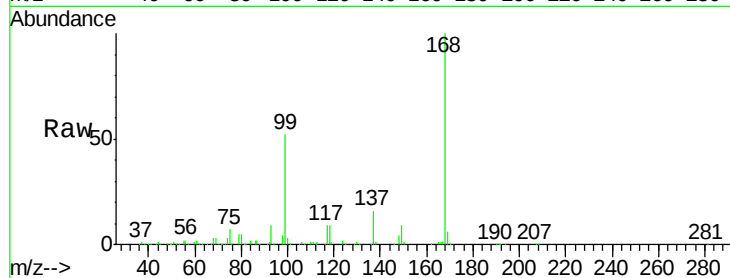
TR-05-062118

Tot Ion:168 Resp: 1128871

Ion Ratio Lower Upper

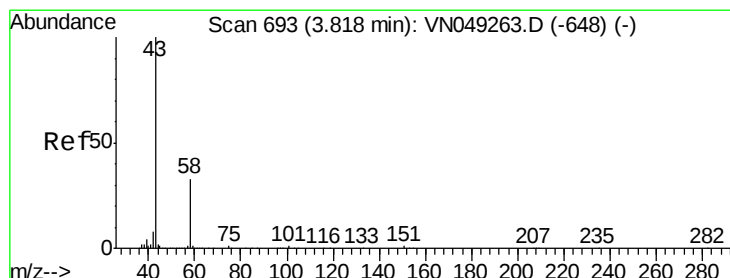
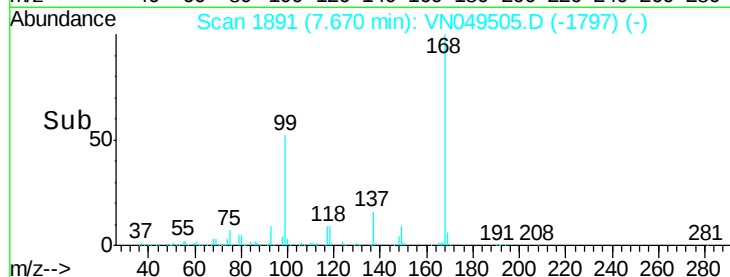
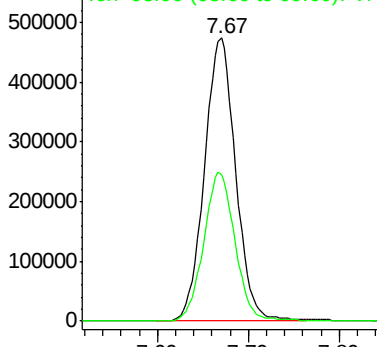
168 100

99 51.8 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: 7.45 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049505.D

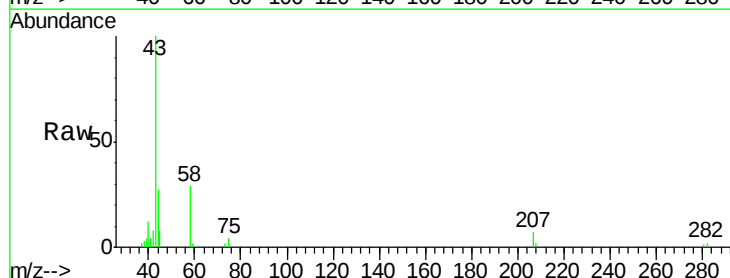
Acq: 22 Jun 2018 21:07

Tgt Ion: 43 Resp: 27069

Ion Ratio Lower Upper

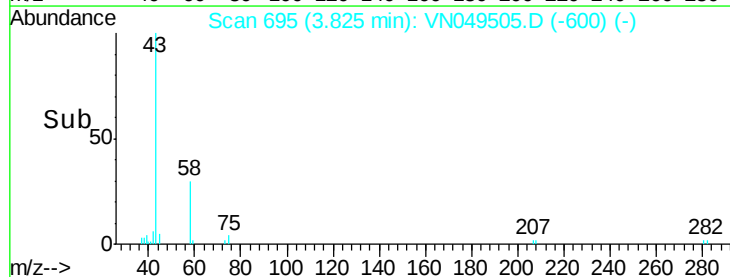
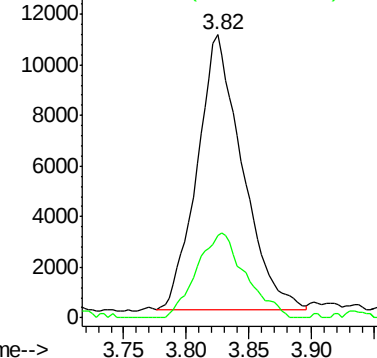
43 100

58 29.9 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

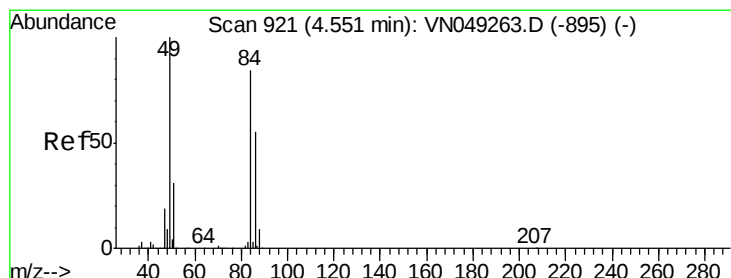
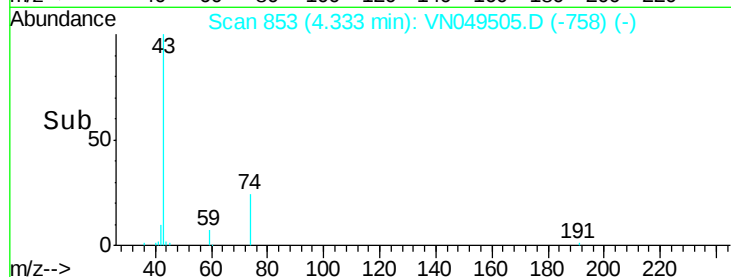
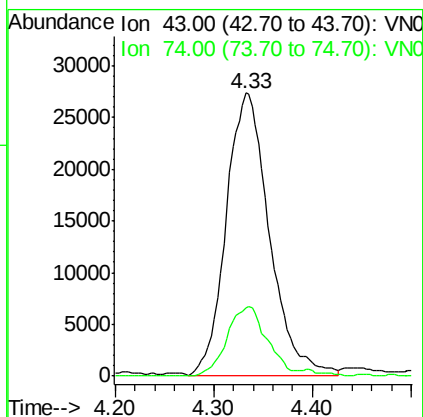
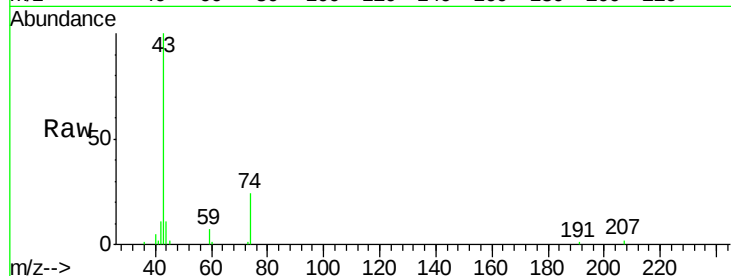




#18
Methvl Acetate
Concen: 7.53 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049505.D
Acq: 22 Jun 2018 21:07

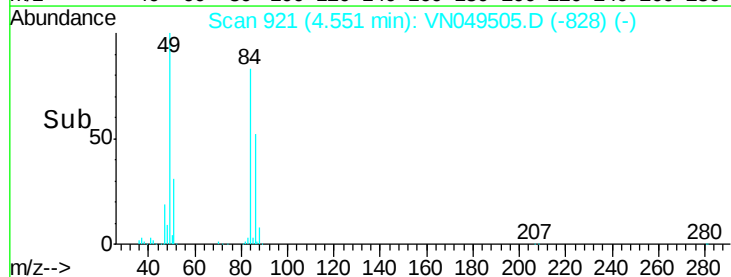
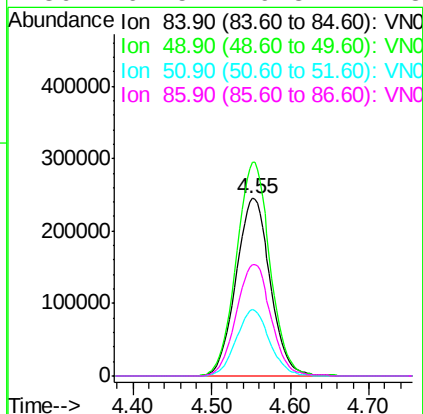
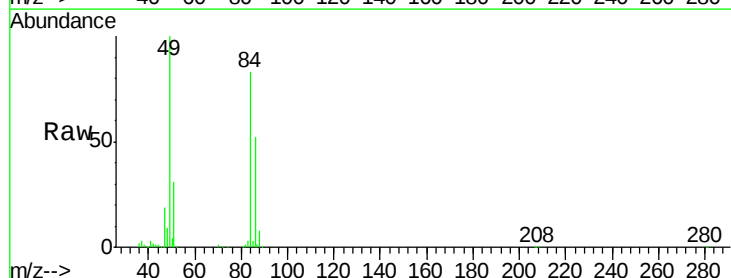
Instrument :
MSVOA_N
ClientSampleId :
TR-05-062118

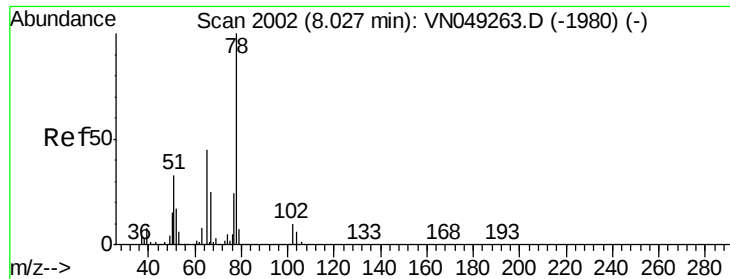
Tot Ion: 43 Resp: 83503
Ion Ratio Lower Upper
43 100
74 22.7 17.4 26.0



#20
Methylene Chloride
Concen: 49.30 ug/l
RT: 4.55 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN049505.D
Acq: 22 Jun 2018 21:07

Tgt Ion: 84 Resp: 748533
Ion Ratio Lower Upper
84 100
49 120.2 106.9 160.3
51 37.3 32.7 49.1
86 62.5 49.8 74.8

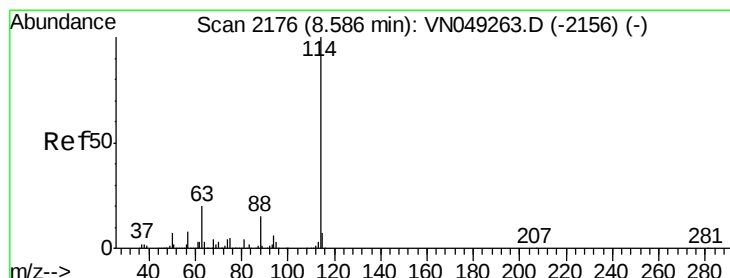
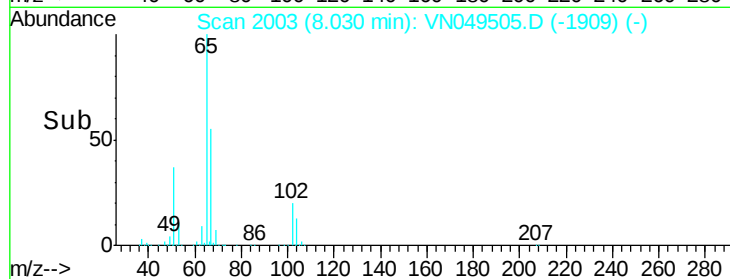
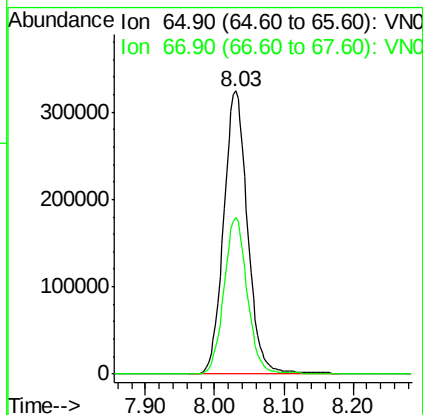
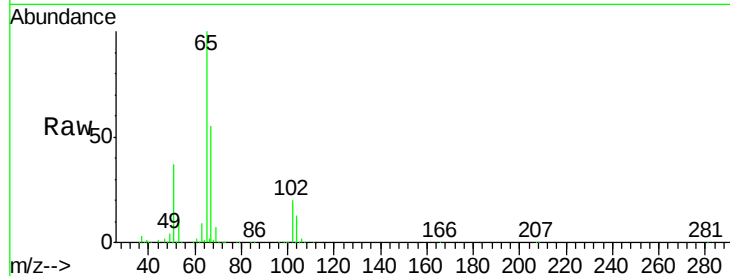




#33
 1,2-Dichloroethane-d4
 Concen: 52.17 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049505.D
 Acq: 22 Jun 2018 21:07

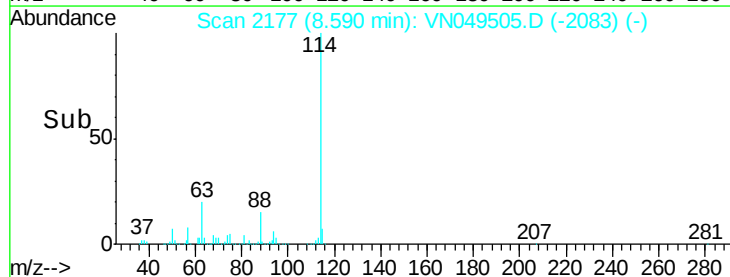
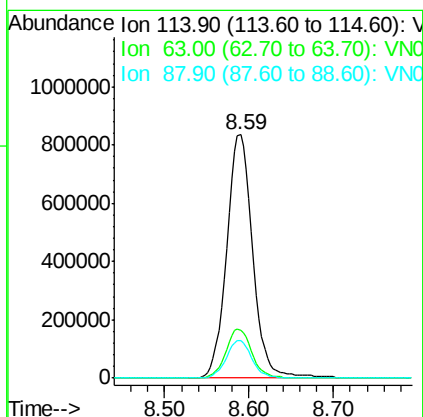
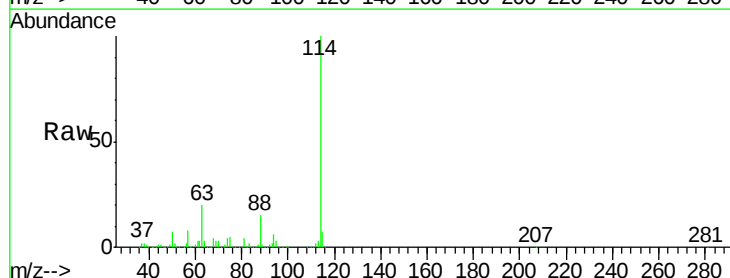
Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-062118

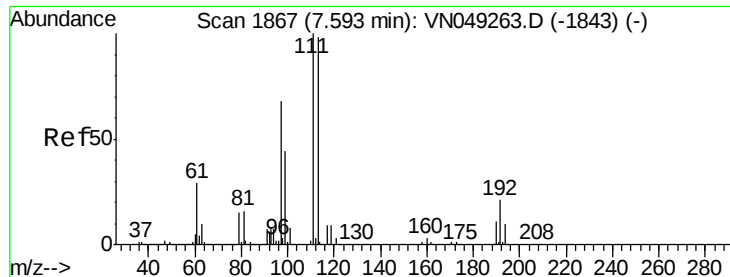
Tot Ion: 65 Resp: 781084
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049505.D
 Acq: 22 Jun 2018 21:07

Tgt Ion: 114 Resp: 1790623
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 44.4
 88 15.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.70 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN049505.D

Acq: 22 Jun 2018 21:07

Instrument :

MSVOA_N

ClientSampleId :

TR-05-062118

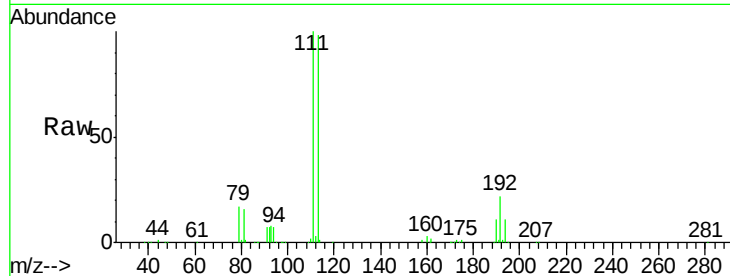
Tot Ion:113 Resp: 690957

Ion Ratio Lower Upper

113 100

111 103.4 82.4 123.6

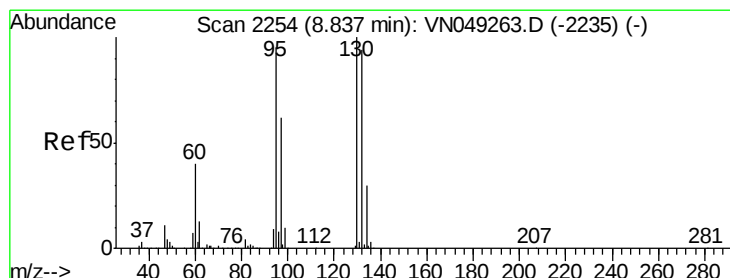
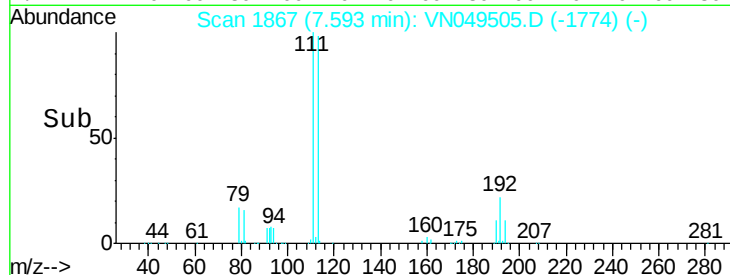
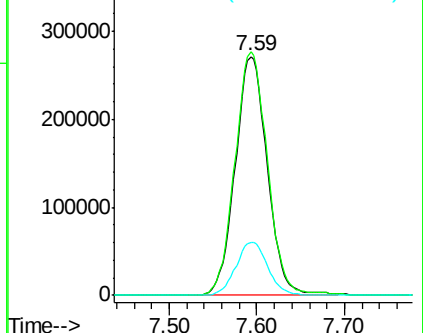
192 22.2 15.0 22.6



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



#44

Trichloroethene

Concen: 4.09 ug/l

RT: 8.84 min Scan# 2255

Delta R.T. 0.00 min

Lab File: VN049505.D

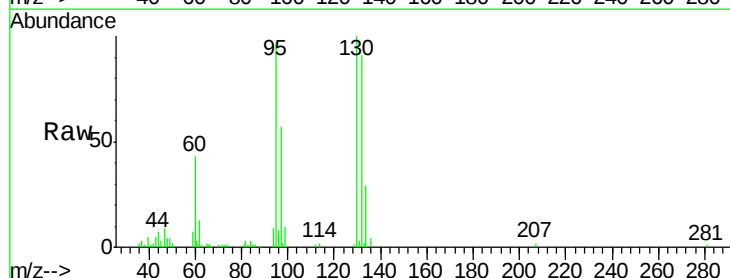
Acq: 22 Jun 2018 21:07

Tgt Ion:130 Resp: 67959

Ion Ratio Lower Upper

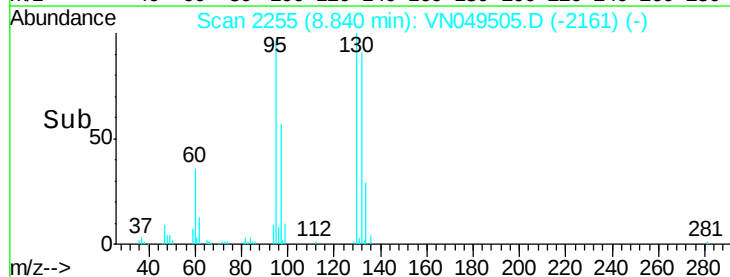
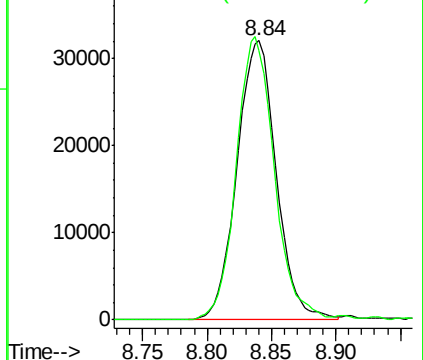
130 100

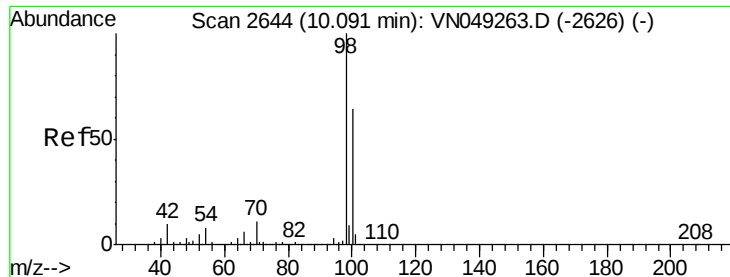
95 96.6 0.0 208.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN





#50

Toluene-d8

Concen: 44.68 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049505.D

Acq: 22 Jun 2018 21:07

Instrument :

MSVOA_N

ClientSampleId :

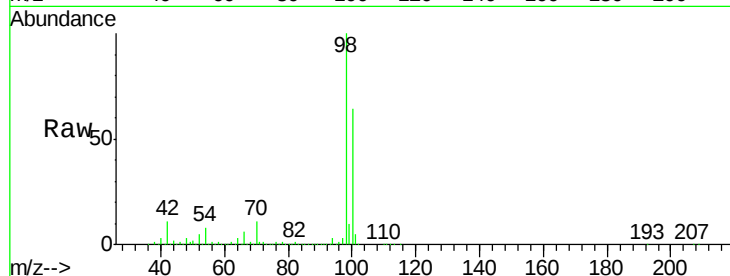
TR-05-062118

Tot Ion: 98 Resp: 2464396

Ion Ratio Lower Upper

98 100

100 63.2 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN049263.D (-2626) (-)

Ion 100.00 (99.70 to 100.70): VN049263.D (-2626) (-)

10.09

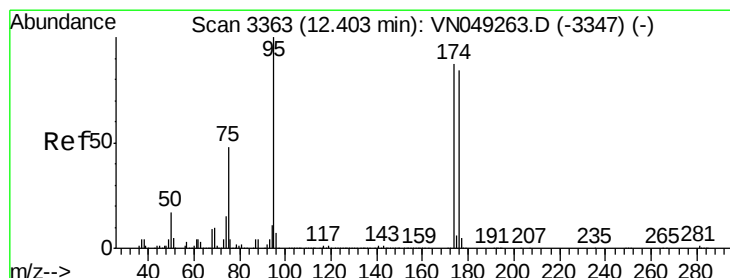
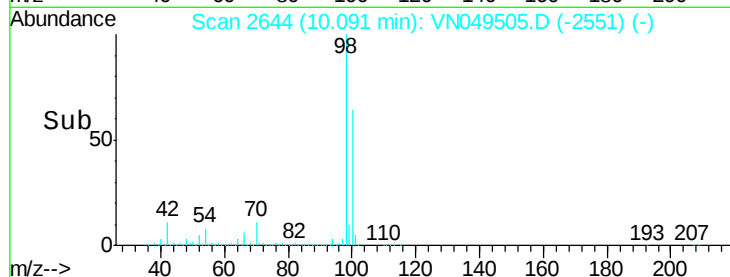
1500000

1000000

500000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 33.86 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049505.D

Acq: 22 Jun 2018 21:07

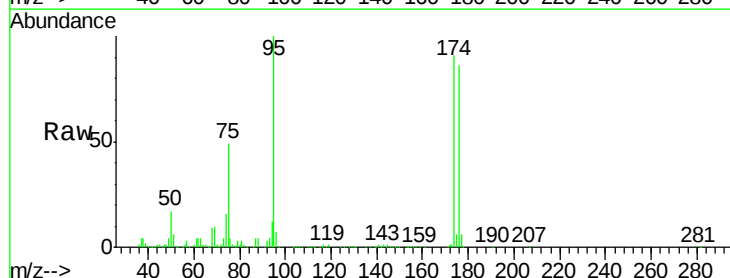
Tgt Ion: 95 Resp: 617544

Ion Ratio Lower Upper

95 100

174 90.8 0.0 165.6

176 85.7 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049263.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN049263.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049263.D (-3347) (-)

12.41

400000

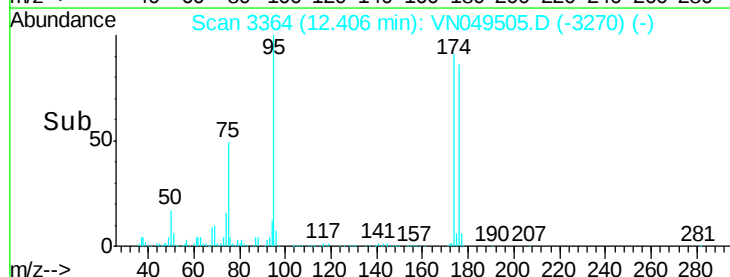
300000

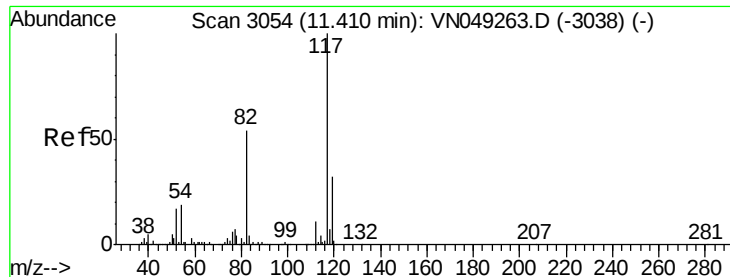
200000

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: VN049505.D

Acq: 22 Jun 2018 21:07

Instrument :

MSVOA_N

ClientSampled :

TR-05-062118

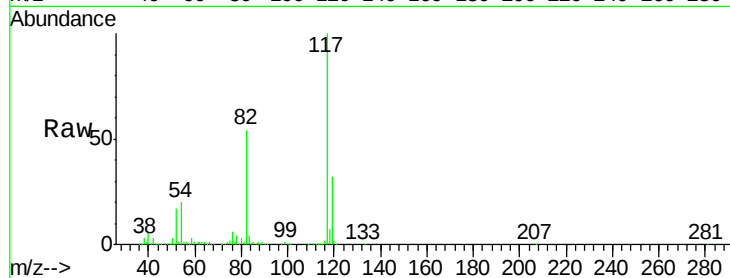
Tot Ion:117 Resp: 1503092

Ion Ratio Lower Upper

117 100

82 53.9 45.9 68.9

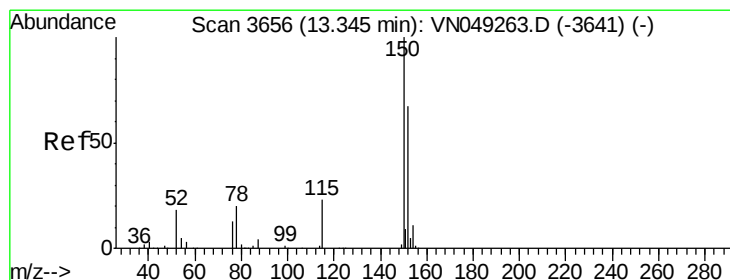
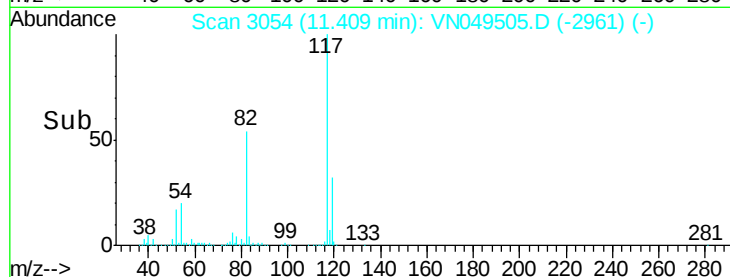
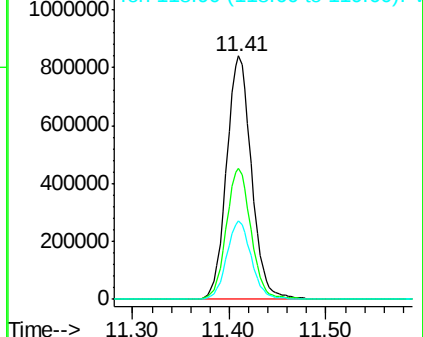
119 32.1 25.5 38.3



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: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049505.D

Acq: 22 Jun 2018 21:07

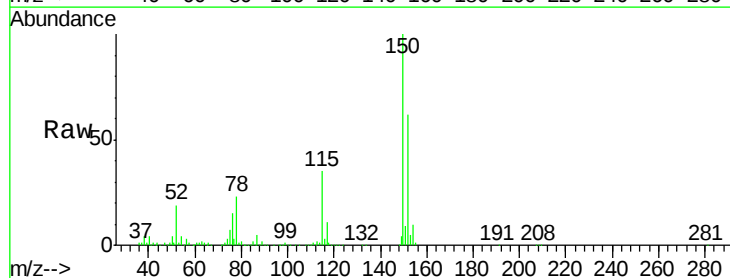
Tgt Ion:152 Resp: 413718

Ion Ratio Lower Upper

152 100

115 57.2 28.7 86.1

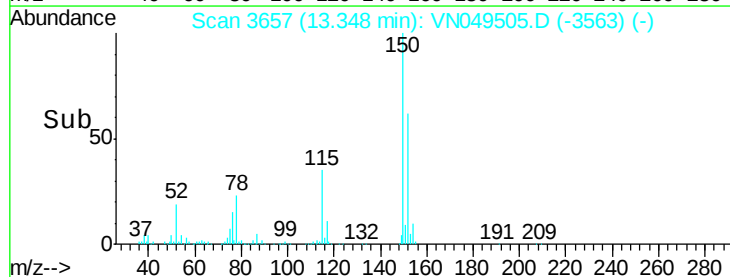
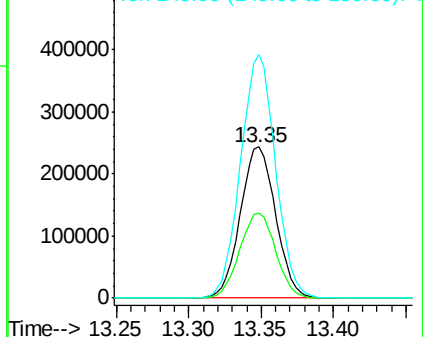
150 159.3 0.0 351.0

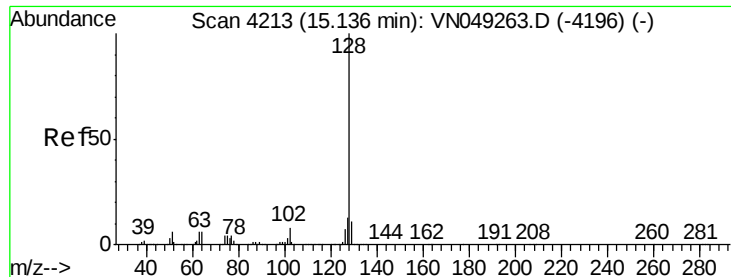


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 11.11 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049505.D

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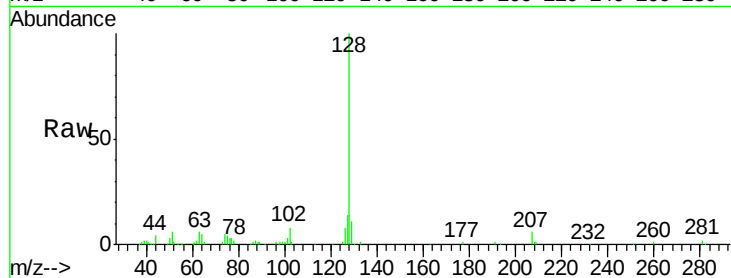
Tot Ion:128 Resp: 106276

Ion Ratio Lower Upper

128 100

127 14.3 10.6 16.0

129 11.5 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

