

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082718\
 Data File : VN050898.D
 Acq On : 27 Aug 2018 14:58
 Operator : MD\SY
 Sample : J4280-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-05-082418-B

Quant Time: Aug 28 03:17:08 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	635020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1040231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	889492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	335601	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	415457	54.35	ug/l	0.00
Spiked Amount 50.000			Recovery =	108.70%		
35) Dibromofluoromethane	7.59	113	392753	47.46	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.92%		
50) Toluene-d8	10.09	98	1418843	45.86	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.72%		
62) 4-Bromofluorobenzene	12.40	95	404660	39.36	ug/l	0.00
Spiked Amount 50.000			Recovery =	78.72%		

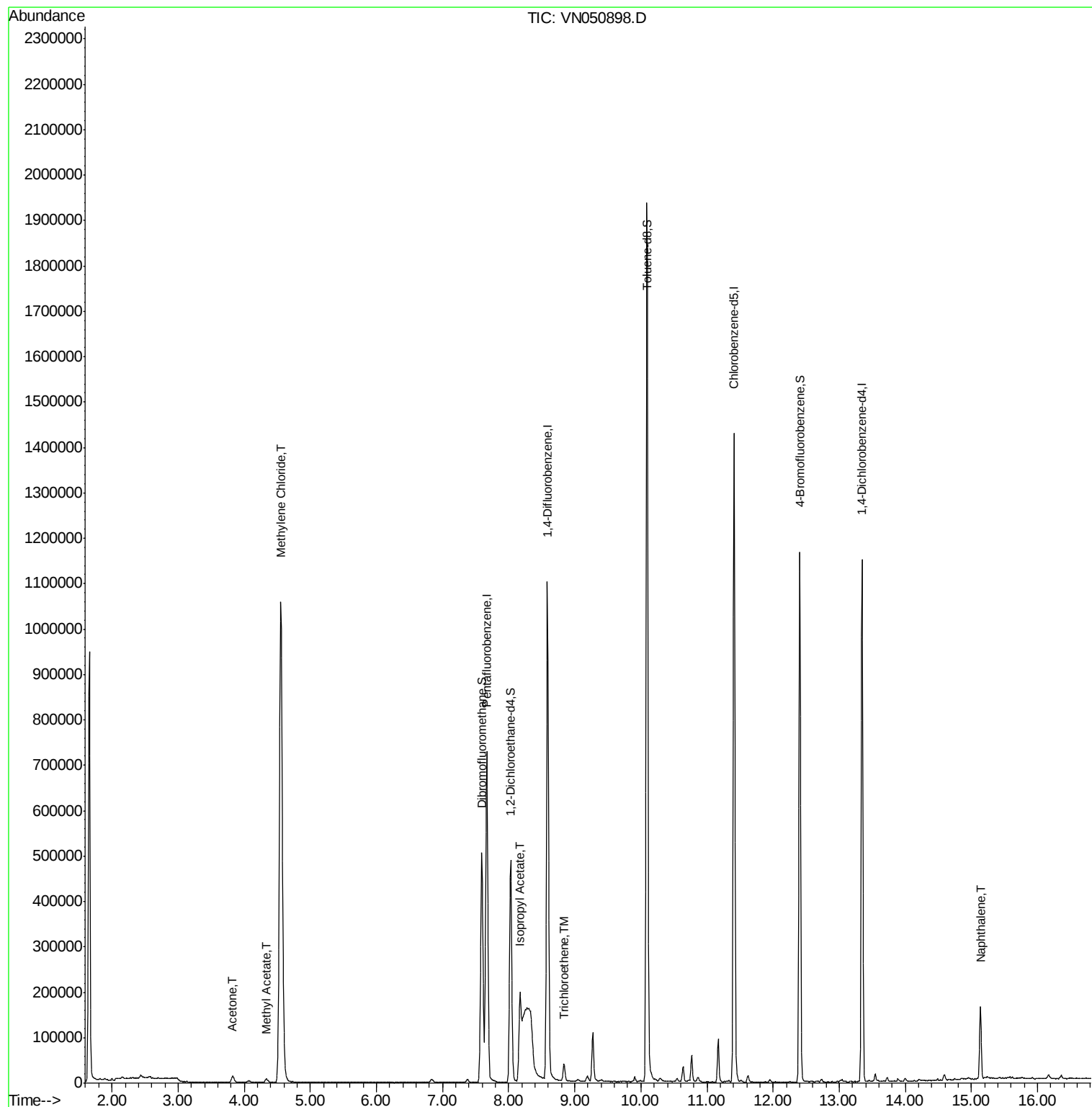
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	23845	6.29	ug/l	98
18) Methyl Acetate	4.34	43	16496	2.29	ug/l	93
20) Methylene Chloride	4.55	84	863359	100.20	ug/l	98
43) Isopropyl Acetate	8.17	43	235904	19.46	ug/l #	91
44) Trichloroethene	8.84	130	14344	1.47	ug/l	98
95) Naphthalene	15.14	128	139110	14.65	ug/l	99

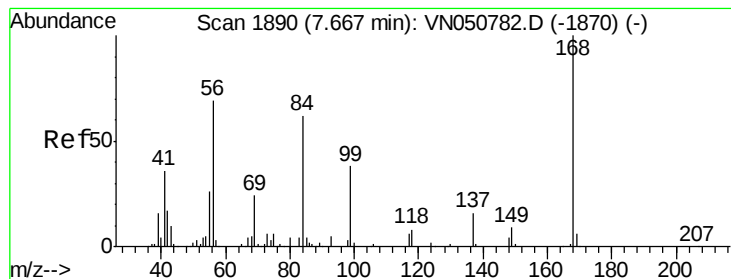
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 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: VN050898.D

Acq: 27 Aug 2018 14:58

Instrument :

MSVOA_N

ClientSampleId :

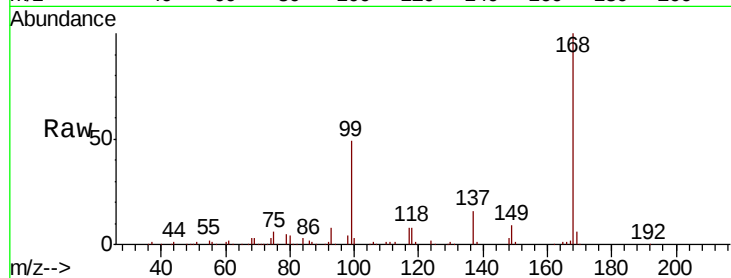
PL-05-082418-B

Tot Ion:168 Resp: 635020

Ion Ratio Lower Upper

168 100

99 49.4 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

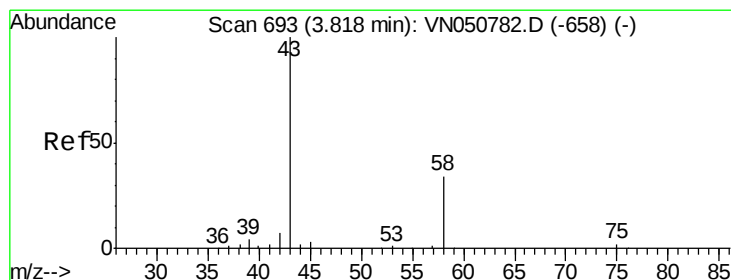
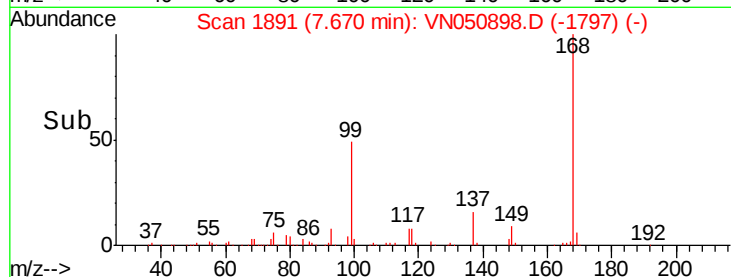
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.29 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050898.D

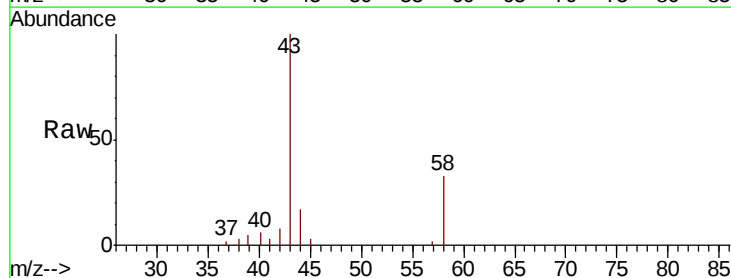
Acq: 27 Aug 2018 14:58

Tgt Ion: 43 Resp: 23845

Ion Ratio Lower Upper

43 100

58 33.0 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

10000

8000

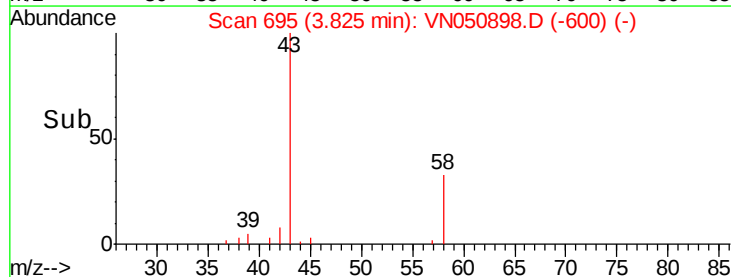
6000

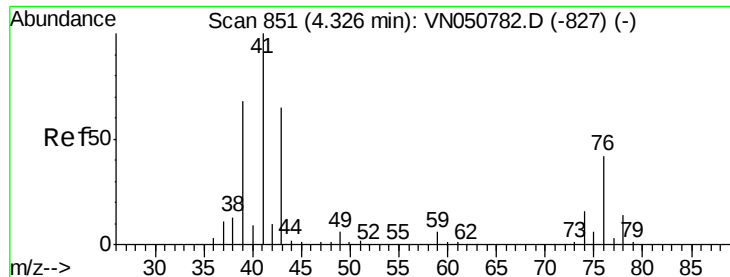
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2000

0

Time-->

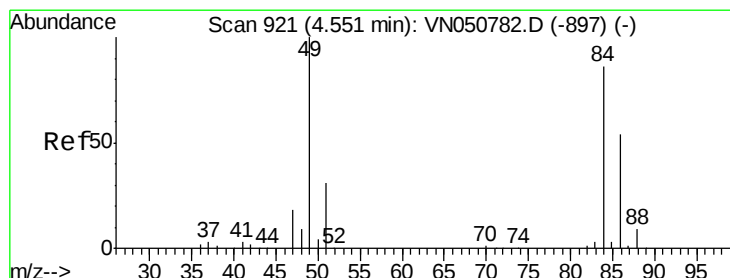
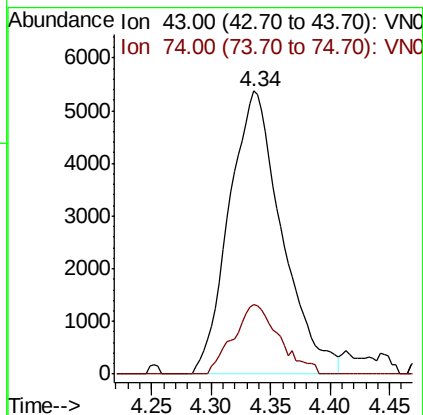
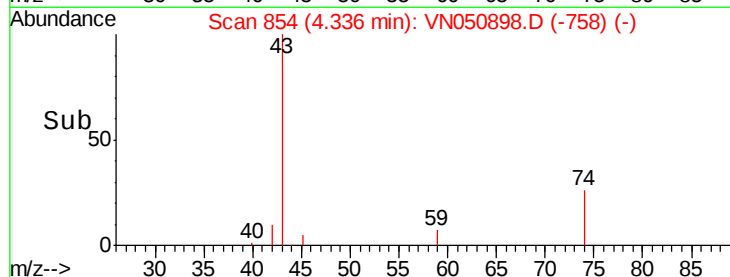
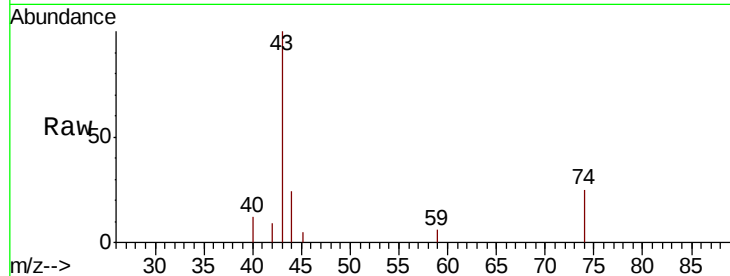




#18
Methyl Acetate
Concen: 2.29 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050898.D
Acq: 27 Aug 2018 14:58

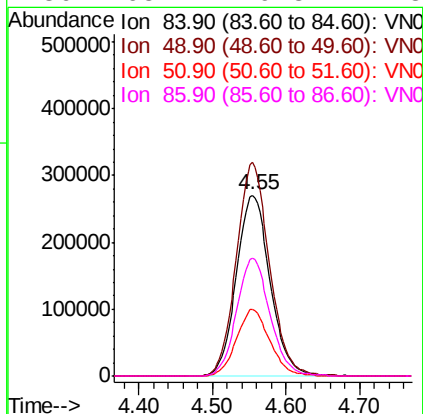
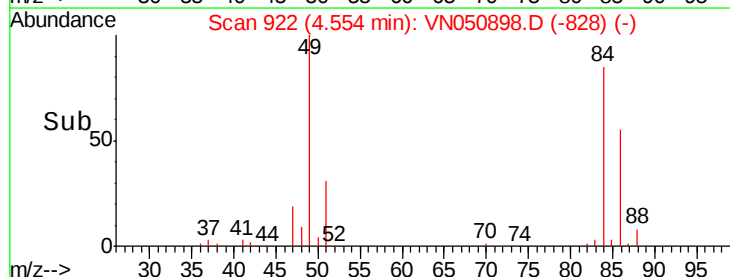
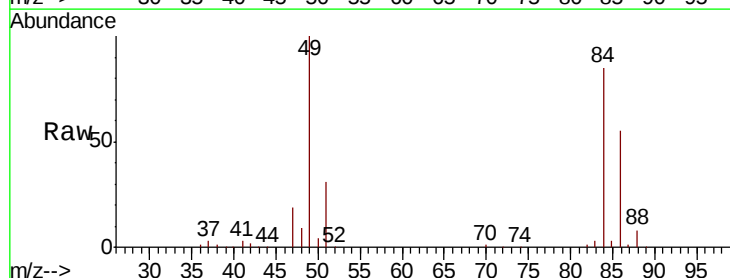
Instrument :
MSVOA_N
ClientSampleId :
PL-05-082418-B

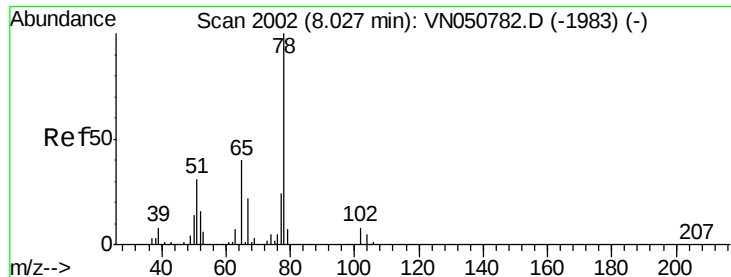
Tot Ion: 43 Resp: 16496
Ion Ratio Lower Upper
43 100
74 21.4 19.8 29.8



#20
Methylene Chloride
Concen: 100.20 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050898.D
Acq: 27 Aug 2018 14:58

Tgt Ion: 84 Resp: 863359
Ion Ratio Lower Upper
84 100
49 118.1 93.2 139.8
51 36.8 29.0 43.6
86 65.1 49.8 74.8

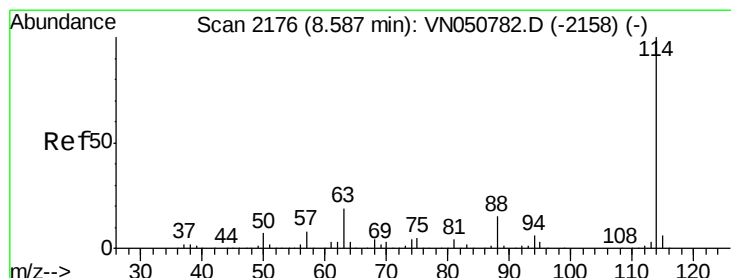
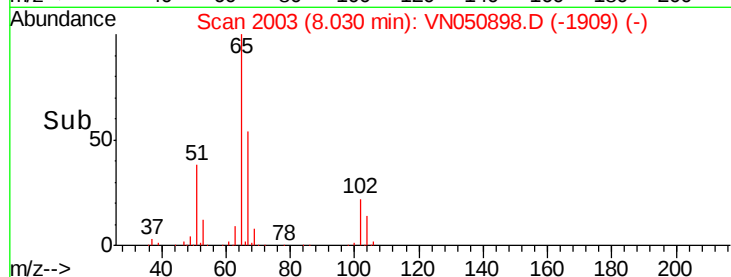
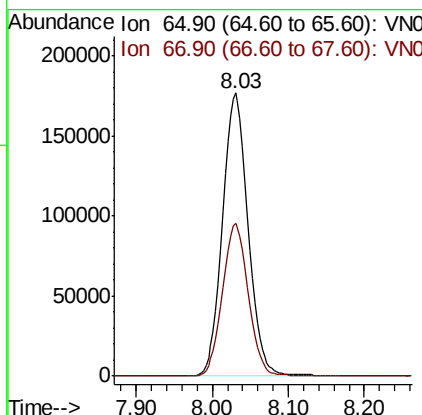
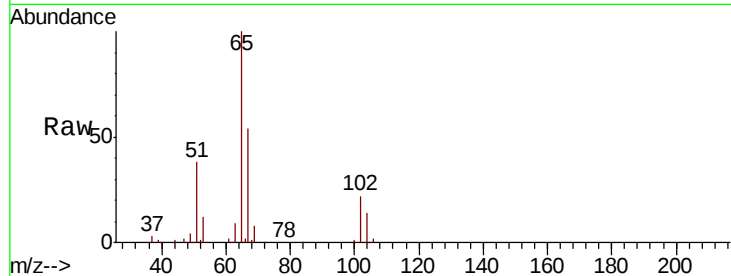




#33
 1,2-Dichloroethane-d4
 Concen: 54.35 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050898.D
 Acq: 27 Aug 2018 14:58

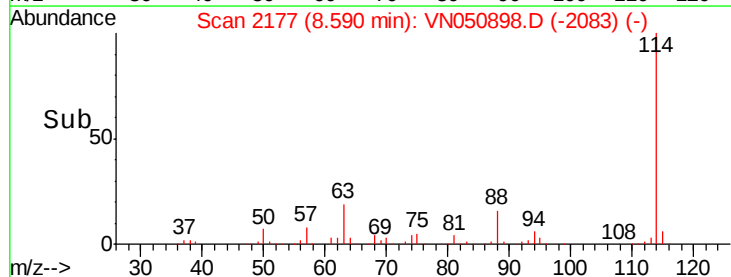
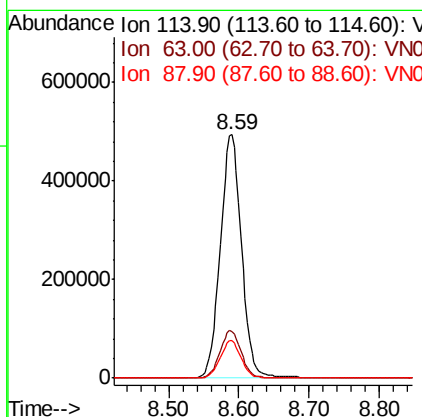
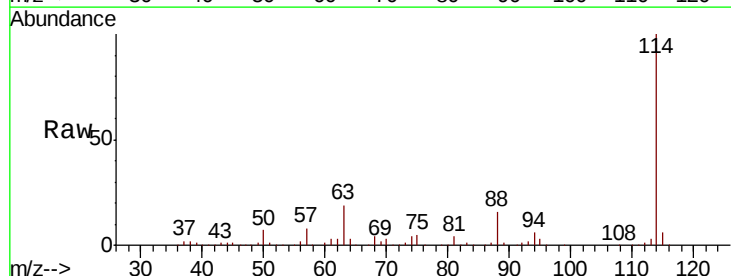
Instrument :
 MSVOA_N
 ClientSampleId :
 PL-05-082418-B

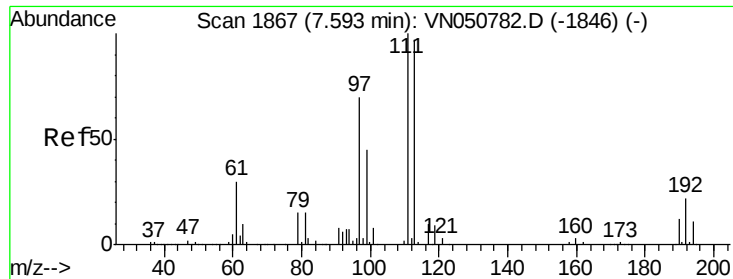
Tot Ion: 65 Resp: 415457
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050898.D
 Acq: 27 Aug 2018 14:58

Tgt Ion: 114 Resp: 1040231
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 15.5 0.0 30.6

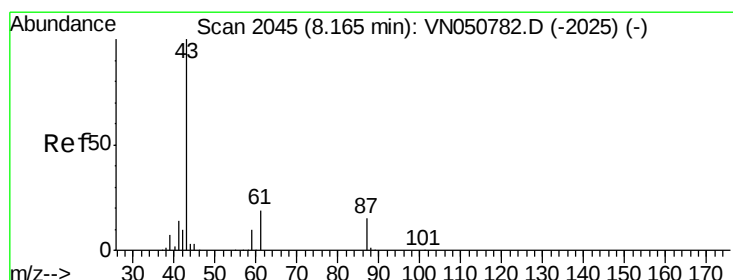
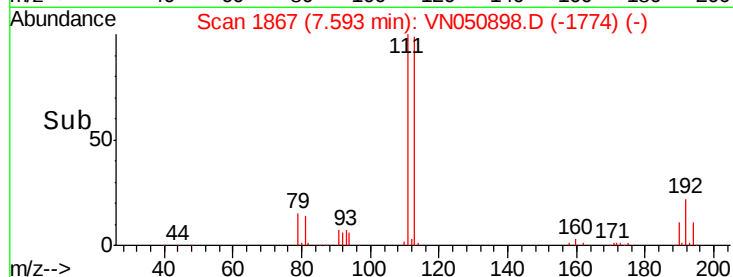
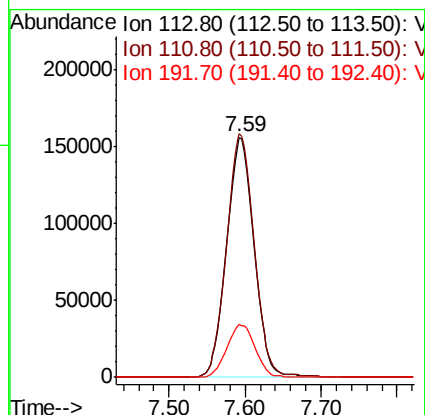
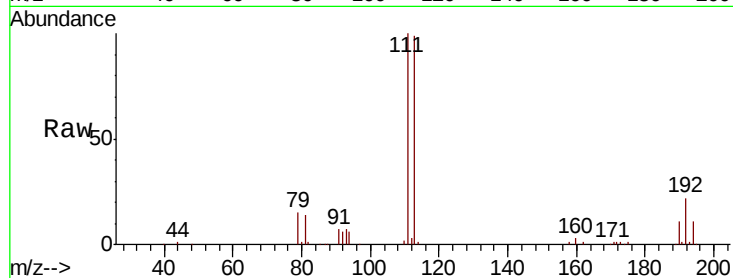




#35
 Dibromofluoromethane
 Concen: 47.46 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050898.D
 Acq: 27 Aug 2018 14:58

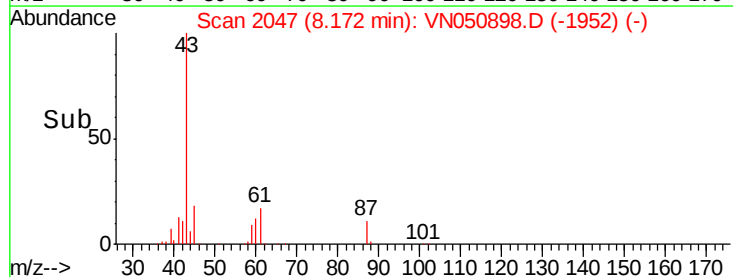
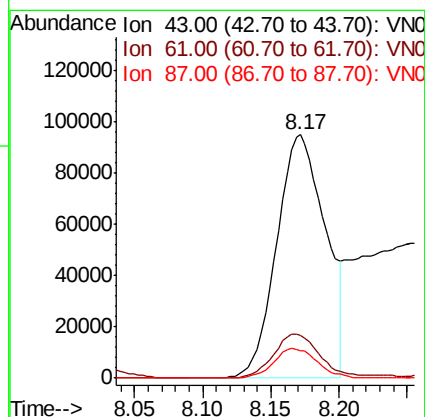
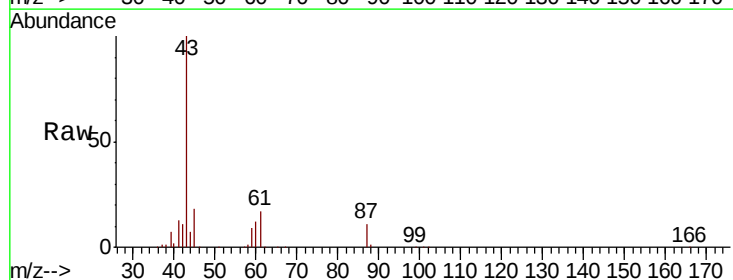
Instrument :
 MSVOA_N
 ClientSampleId :
 PL-05-082418-B

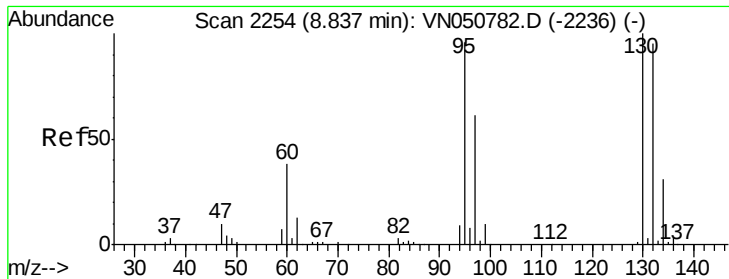
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.6	123.8
192	22.7	18.0	27.0



#43
 Isopropyl Acetate
 Concen: 19.46 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.01 min
 Lab File: VN050898.D
 Acq: 27 Aug 2018 14:58

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.0	17.5	26.3#
87	10.9	11.3	16.9#





#44

Trichloroethene

Concen: 1.47 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. -0.00 min

Lab File: VN050898.D

Acq: 27 Aug 2018 14:58

Instrument :

MSVOA_N

ClientSampleId :

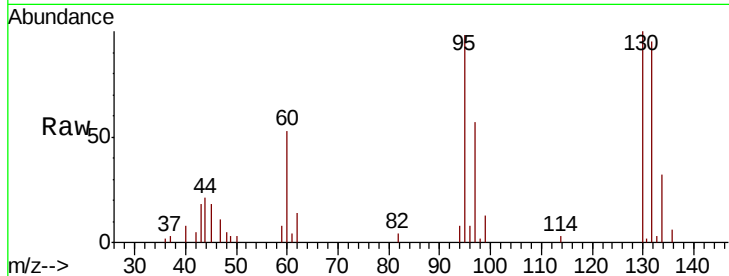
PL-05-082418-B

Tot Ion:130 Resp: 14344

Ion Ratio Lower Upper

130 100

95 98.0 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.84

8000

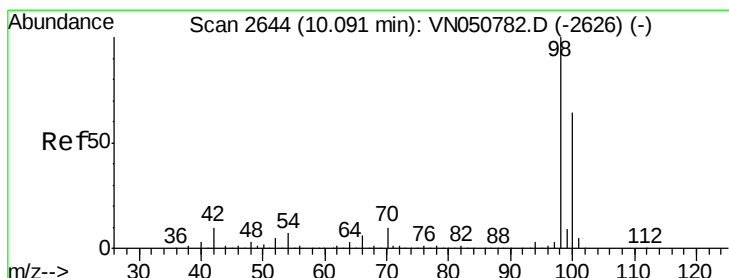
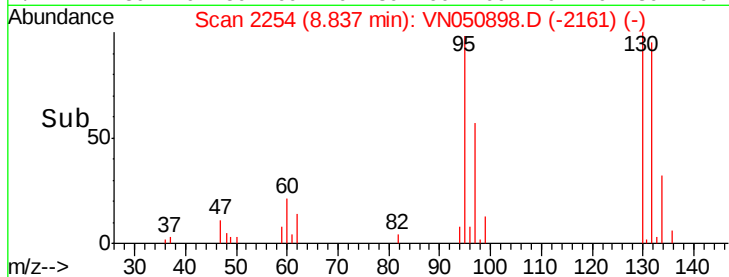
6000

4000

2000

0

Time--> 8.75 8.80 8.85 8.90



#50

Toluene-d8

Concen: 45.86 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050898.D

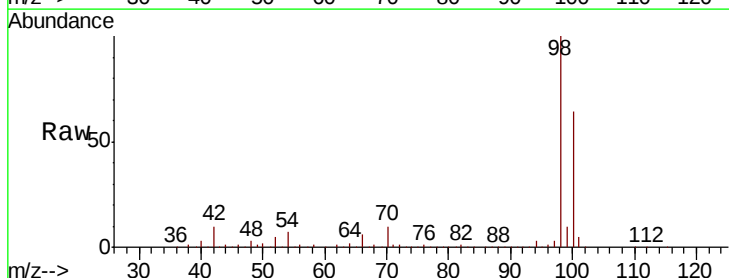
Acq: 27 Aug 2018 14:58

Tgt Ion: 98 Resp: 1418843

Ion Ratio Lower Upper

98 100

100 63.9 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

10.09

800000

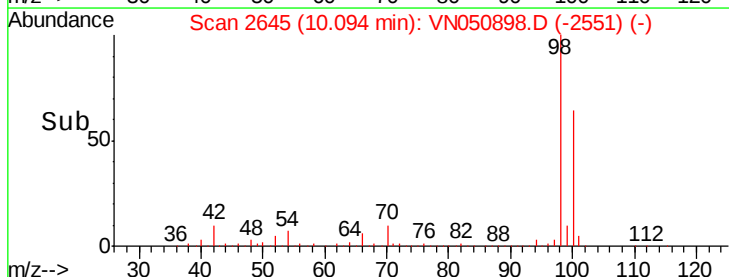
600000

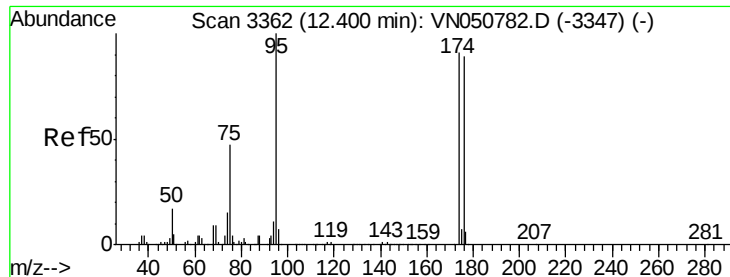
400000

200000

0

Time--> 10.00 10.10 10.20 10.30

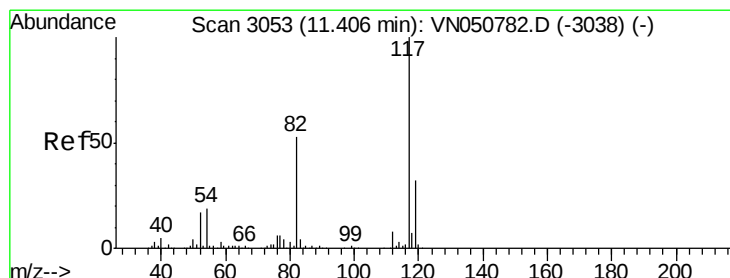
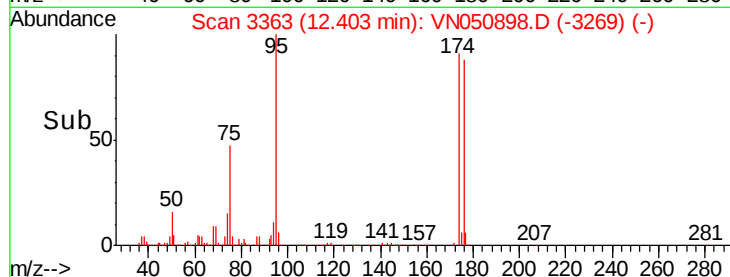
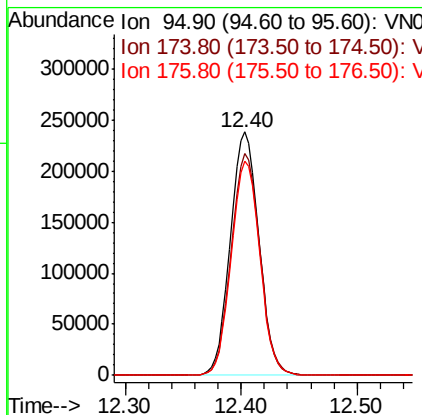
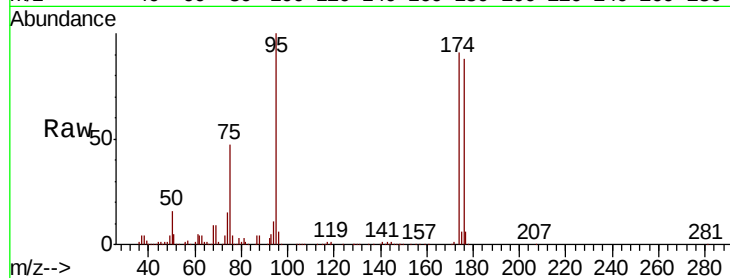




#62
4-Bromofluorobenzene
Concen: 39.36 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050898.D
Acq: 27 Aug 2018 14:58

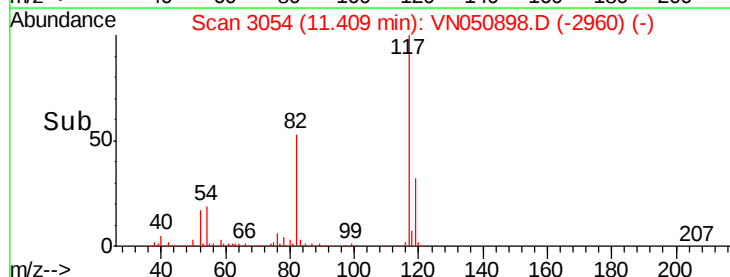
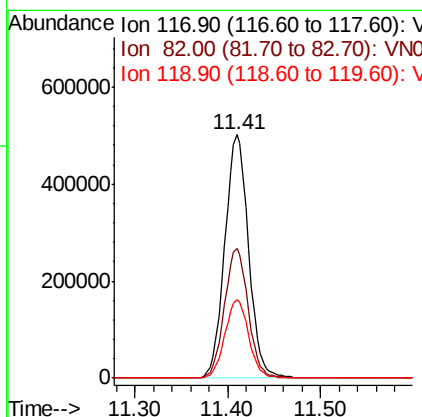
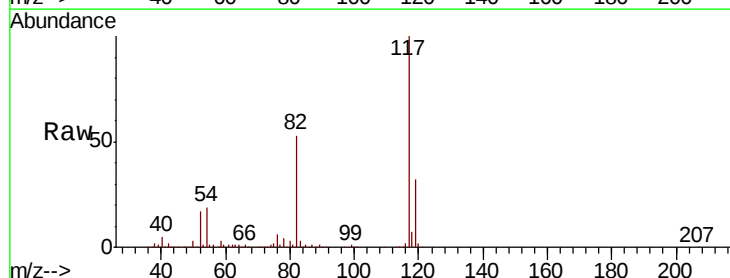
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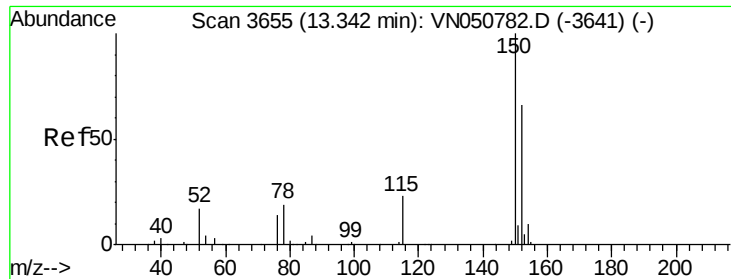
Tot Ion: 95 Resp: 404660
Ion Ratio Lower Upper
95 100
174 91.7 0.0 183.0
176 88.1 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050898.D
Acq: 27 Aug 2018 14:58

Tgt Ion: 117 Resp: 889492
Ion Ratio Lower Upper
117 100
82 53.2 42.6 64.0
119 32.1 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050898.D

Acq: 27 Aug 2018 14:58

Instrument :

MSVOA_N

ClientSampleId :

PL-05-082418-B

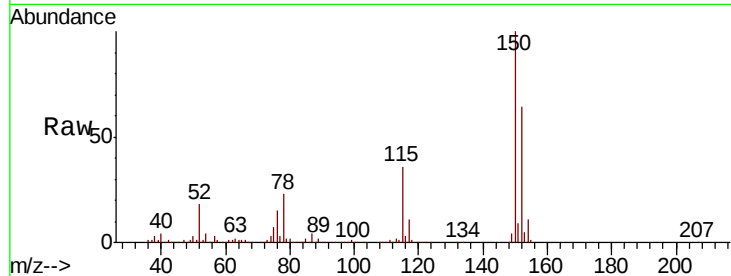
Tot Ion:152 Resp: 335601

Ion Ratio Lower Upper

152 100

115 56.1 27.8 83.4

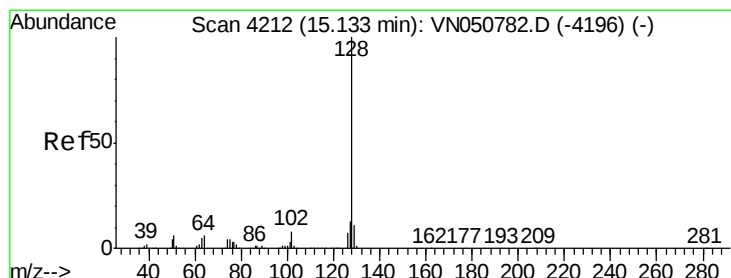
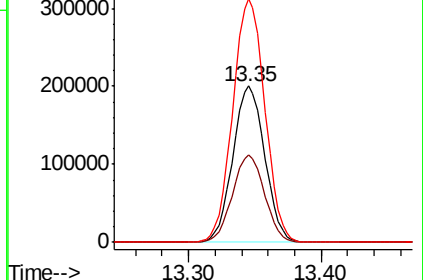
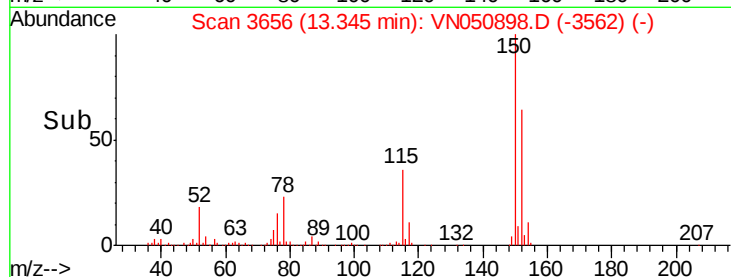
150 156.0 0.0 351.4



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: 14.65 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050898.D

Acq: 27 Aug 2018 14:58

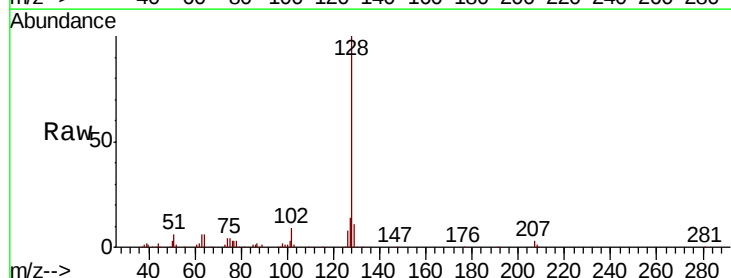
Tgt Ion:128 Resp: 139110

Ion Ratio Lower Upper

128 100

127 14.0 10.5 15.7

129 10.8 8.7 13.1



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

