

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083018\
 Data File : VN050967.D
 Acq On : 30 Aug 2018 17:05
 Operator : MD\SY
 Sample : J4275-22
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-082918-B

Quant Time: Aug 31 06:40:58 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

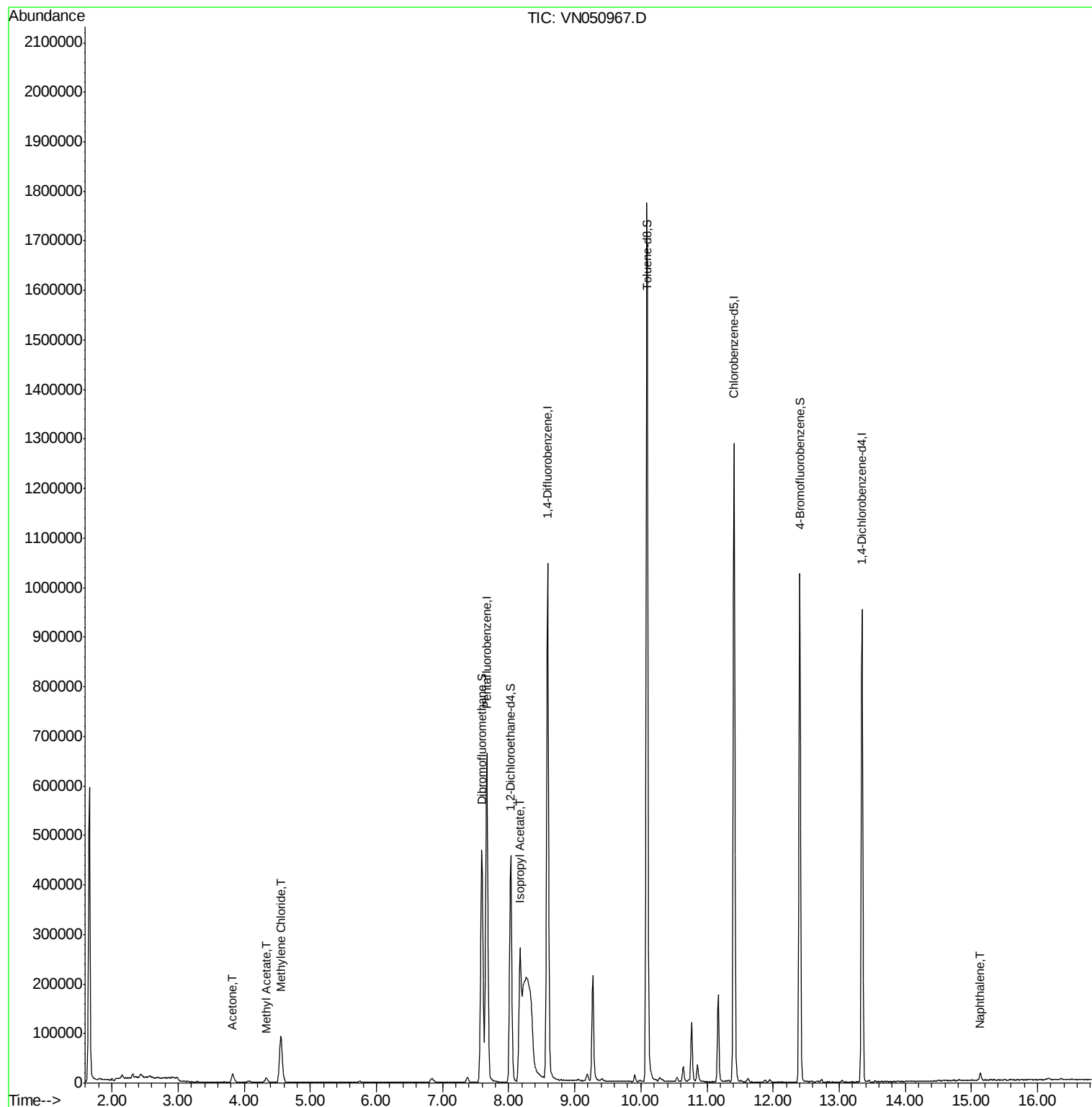
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	578295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	966836	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	814586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	277630	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	379575	54.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.04%	
35) Dibromofluoromethane	7.59	113	365184	47.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.96%	
50) Toluene-d8	10.09	98	1298474	45.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.30%	
62) 4-Bromofluorobenzene	12.40	95	351060	36.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.48%	
Target Compounds						
16) Acetone	3.82	43	28497	10.52	ug/l	99
18) Methyl Acetate	4.33	43	19279	2.93	ug/l	91
20) Methylene Chloride	4.56	84	74284	9.47	ug/l	96
43) Isopropyl Acetate	8.17	43	337835	29.98	ug/l #	88
95) Naphthalene	15.14	128	13423	6.48	ug/l #	95

(#) = 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: VN050967.D

Acq: 30 Aug 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

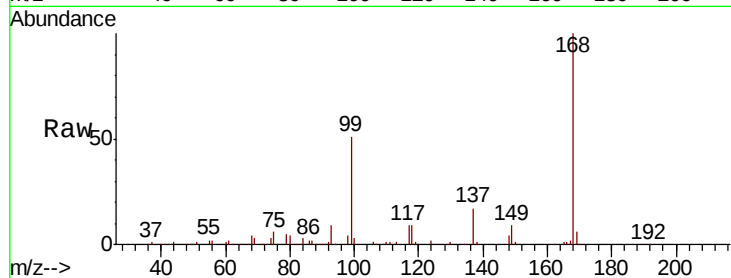
CL-02-082918-B

Tot Ion:168 Resp: 578295

Ion Ratio Lower Upper

168 100

99 50.8 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

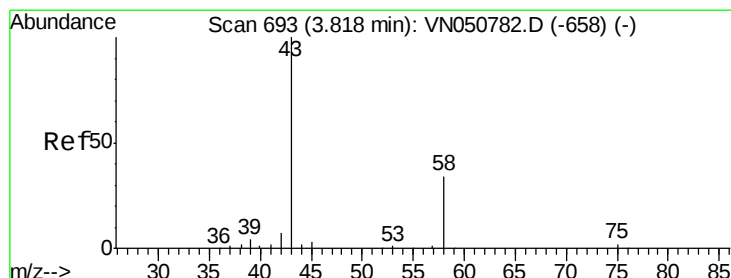
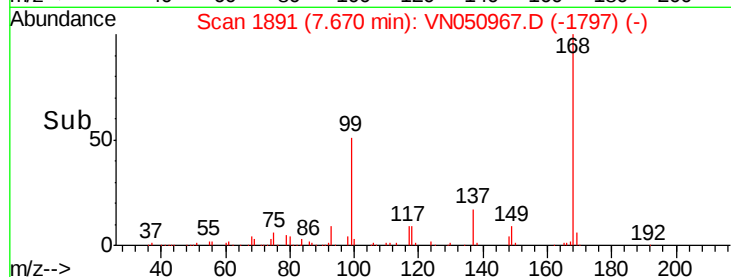
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 10.52 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050967.D

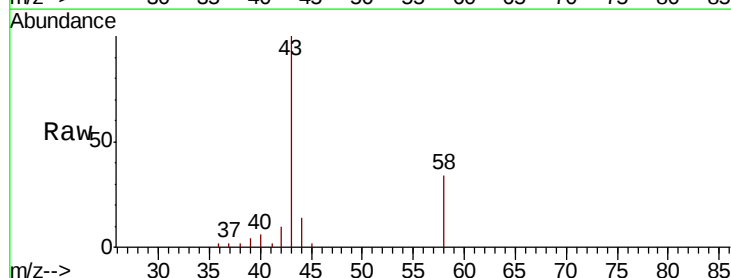
Acq: 30 Aug 2018 17:05

Tgt Ion: 43 Resp: 28497

Ion Ratio Lower Upper

43 100

58 33.6 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

12000

10000

8000

6000

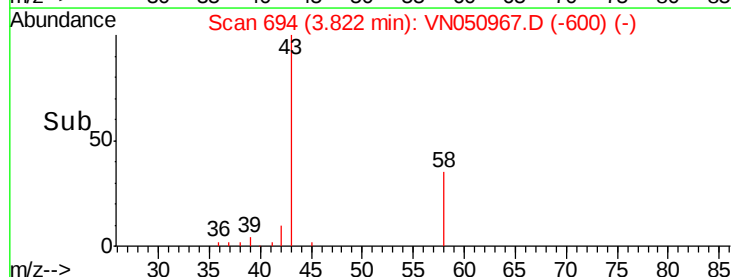
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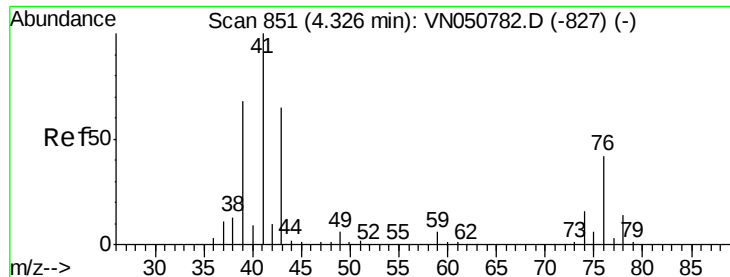
2000

0

3.80 3.90

Time-->

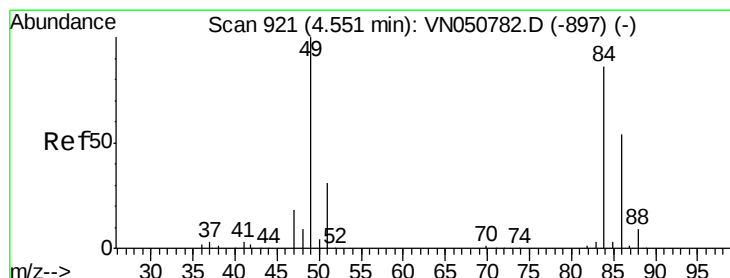
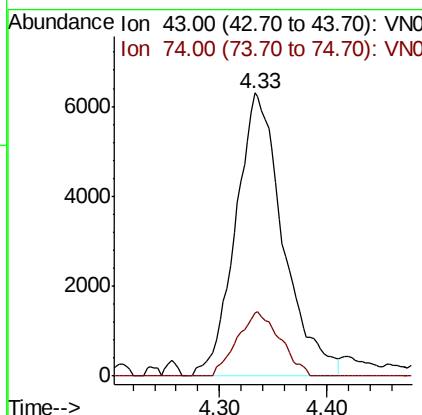
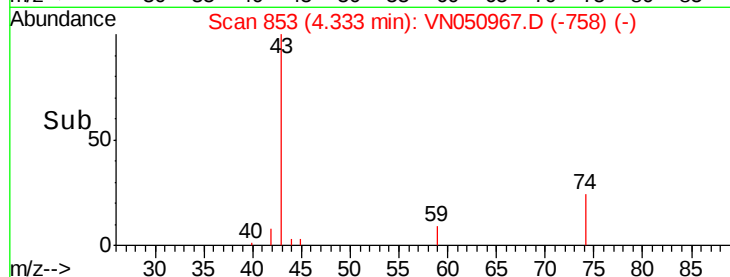
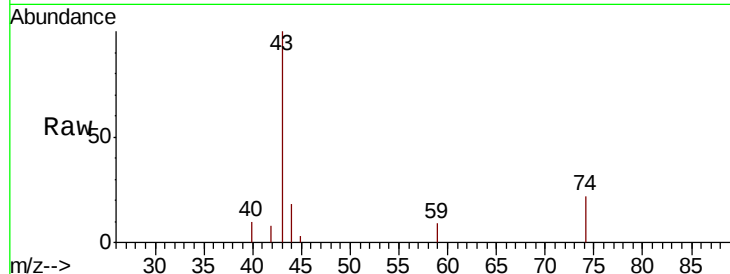




#18
Methyl Acetate
Concen: 2.93 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN050967.D
Acq: 30 Aug 2018 17:05

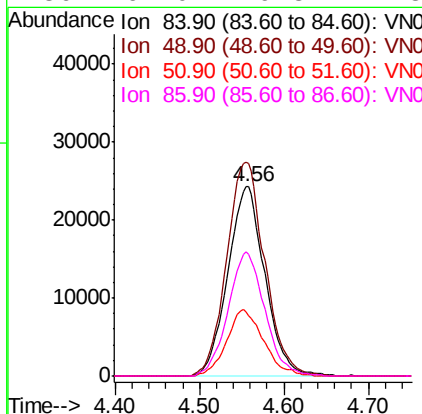
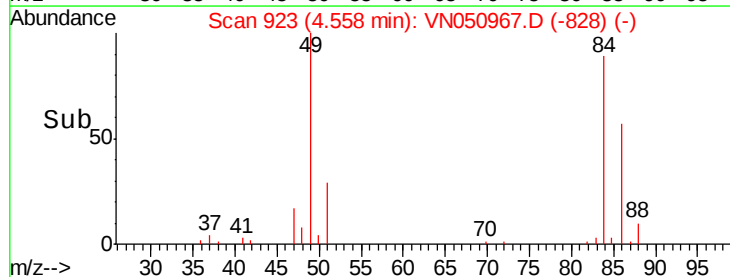
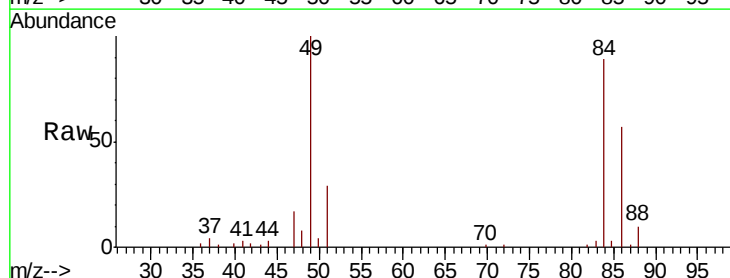
Instrument :
MSVOA_N
ClientSampleId :
CL-02-082918-B

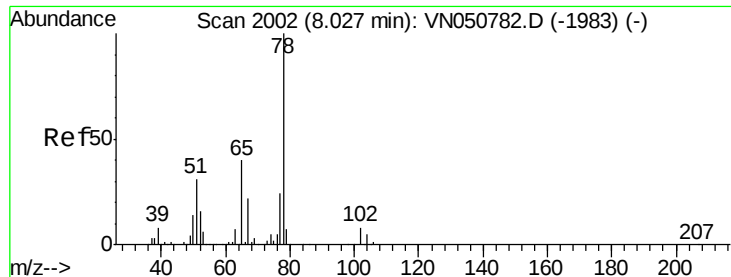
Tot Ion: 43 Resp: 19279
Ion Ratio Lower Upper
43 100
74 20.5 19.8 29.8



#20
Methylene Chloride
Concen: 9.47 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN050967.D
Acq: 30 Aug 2018 17:05

Tgt Ion: 84 Resp: 74284
Ion Ratio Lower Upper
84 100
49 112.2 93.2 139.8
51 32.0 29.0 43.6
86 64.0 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 54.52 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050967.D

Acq: 30 Aug 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

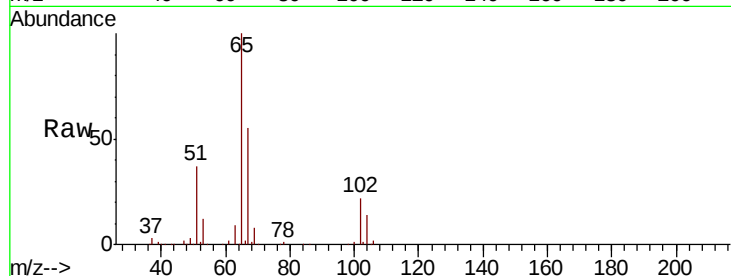
CL-02-082918-B

Tot Ion: 65 Resp: 379575

Ion Ratio Lower Upper

65 100

67 55.6 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

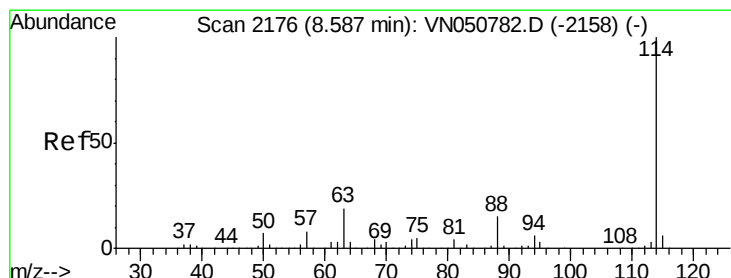
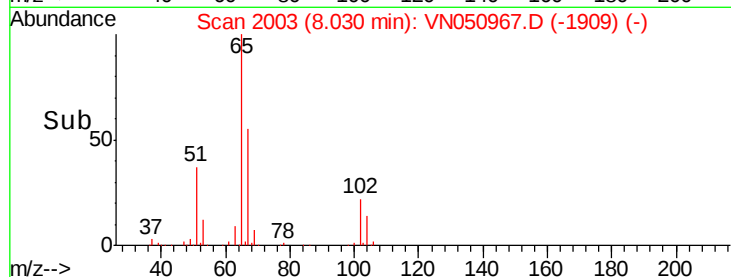
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050967.D

Acq: 30 Aug 2018 17:05

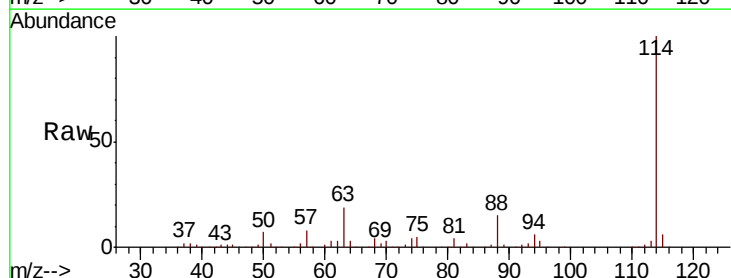
Tgt Ion: 114 Resp: 966836

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.6

88 15.4 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

600000

500000

400000

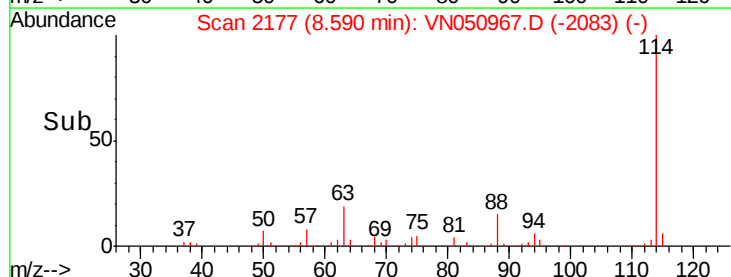
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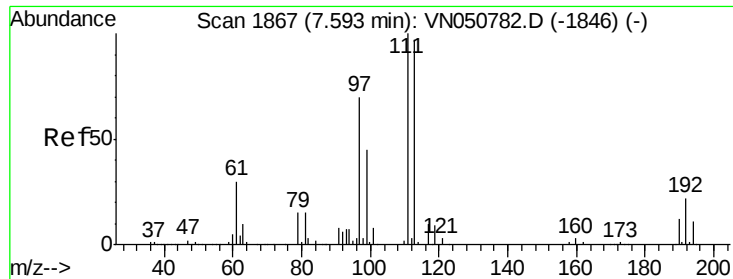
200000

100000

0

Time-->

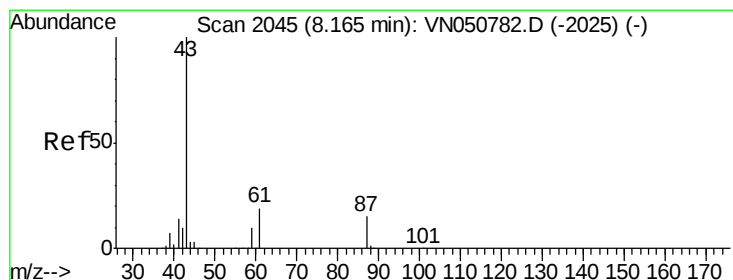
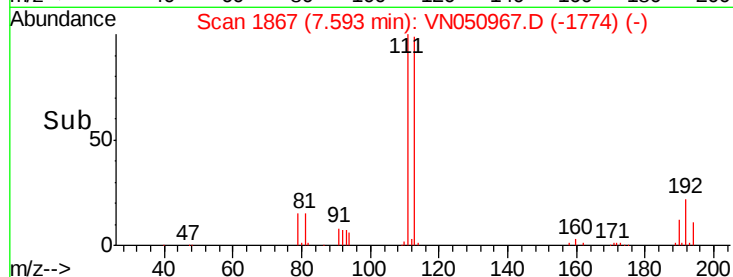
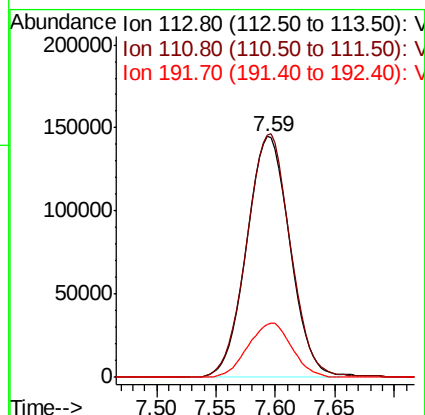
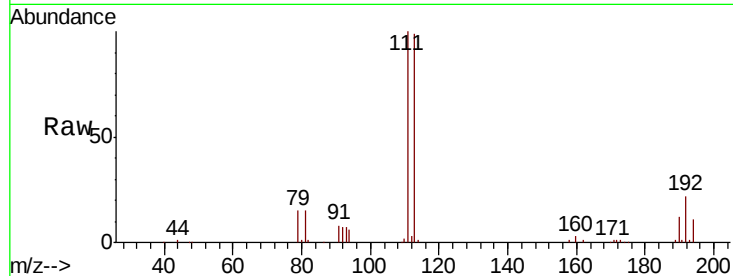




#35
 Dibromofluoromethane
 Concen: 47.48 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050967.D
 Acq: 30 Aug 2018 17:05

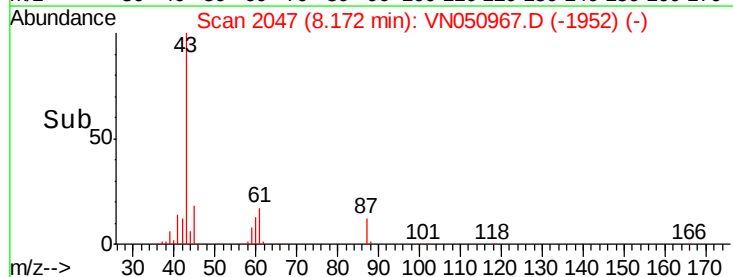
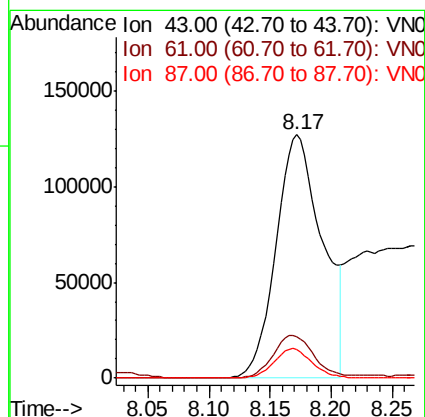
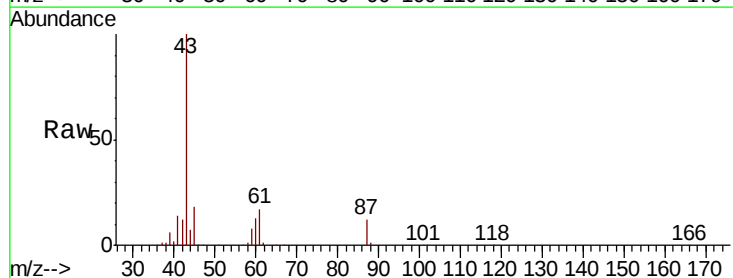
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-082918-B

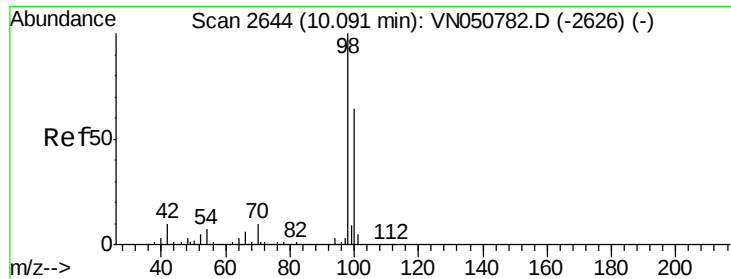
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	123.8
192	22.9	18.0	27.0



#43
 Isopropyl Acetate
 Concen: 29.98 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.01 min
 Lab File: VN050967.D
 Acq: 30 Aug 2018 17:05

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.5	17.5	26.3#
87	10.0	11.3	16.9#





#50

Toluene-d8

Concen: 45.15 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050967.D

Acq: 30 Aug 2018 17:05

Instrument :

MSVOA_N

ClientSampleId :

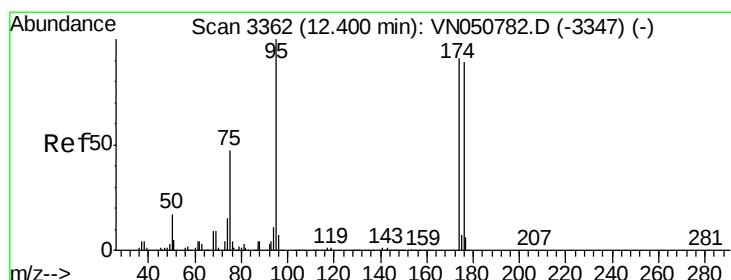
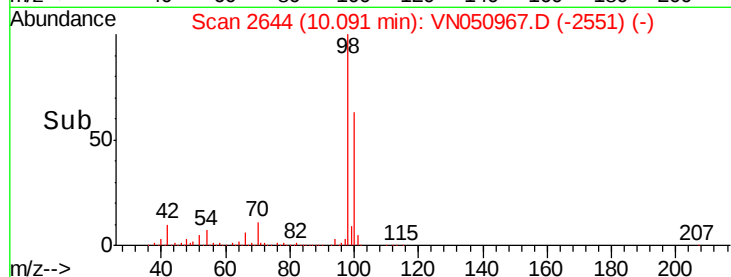
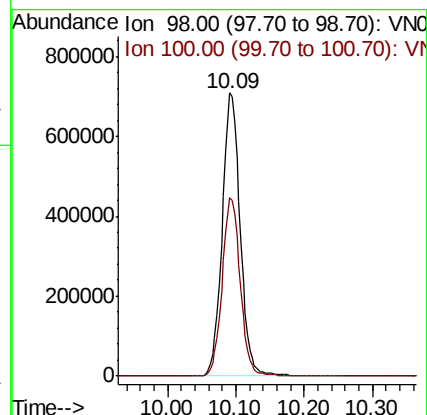
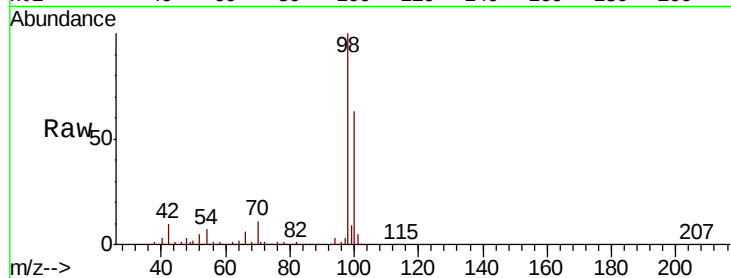
CL-02-082918-B

Tot Ion: 98 Resp: 1298474

Ion Ratio Lower Upper

98 100

100 63.1 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 36.74 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050967.D

Acq: 30 Aug 2018 17:05

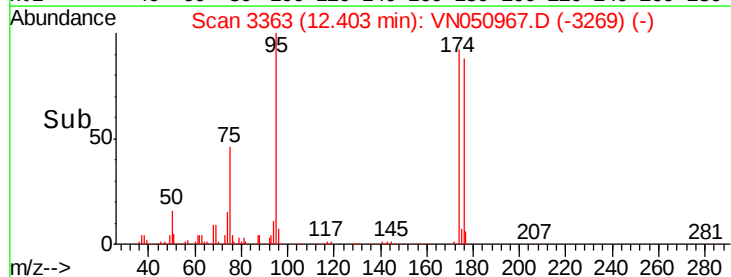
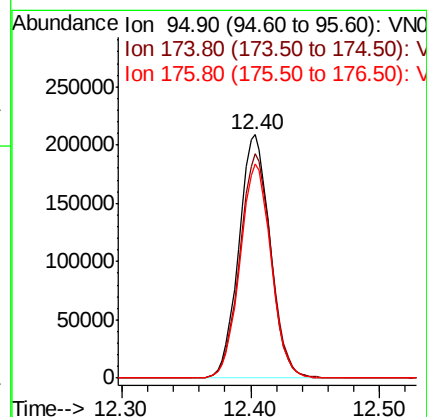
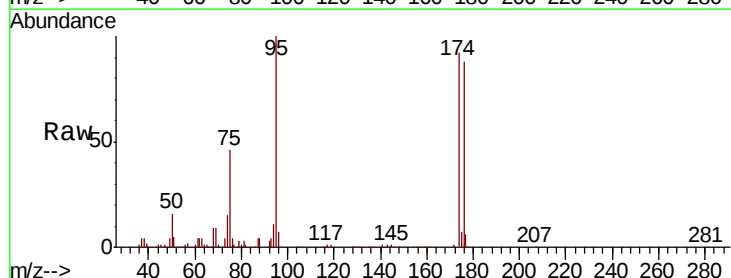
Tgt Ion: 95 Resp: 351060

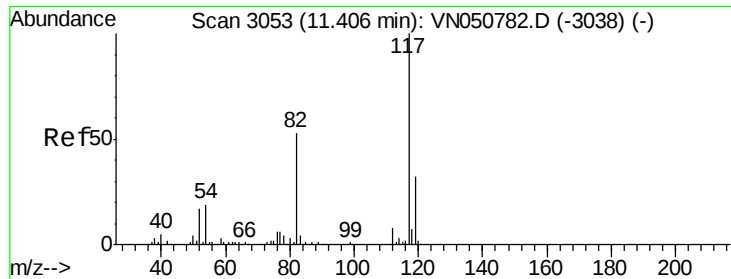
Ion Ratio Lower Upper

95 100

174 92.9 0.0 183.0

176 87.7 0.0 178.8

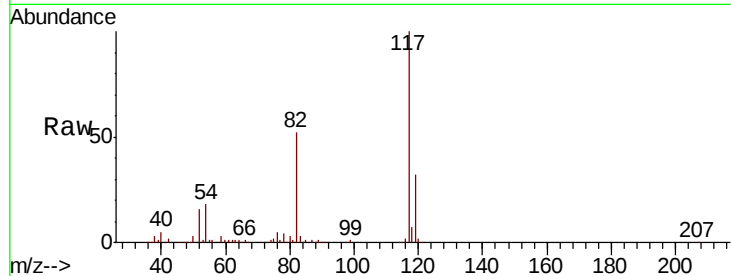




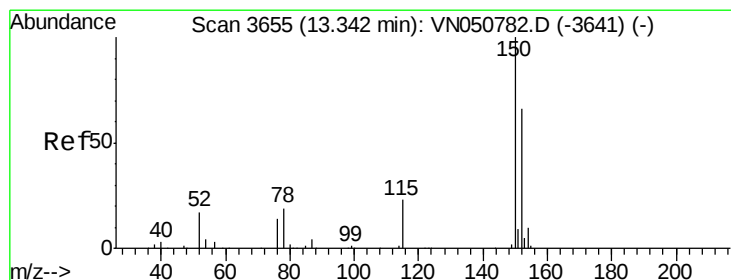
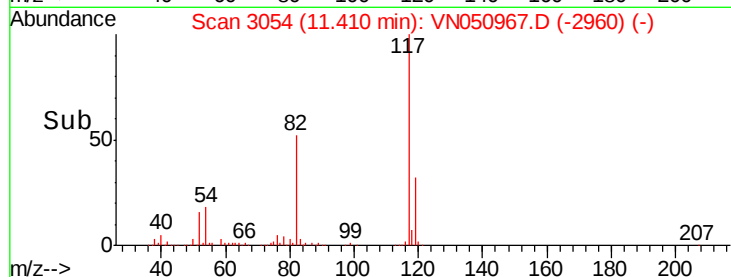
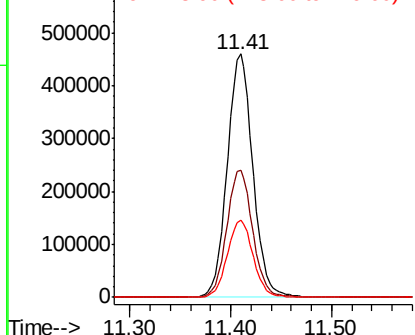
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050967.D
Acq: 30 Aug 2018 17:05

Instrument :
MSVOA_N
ClientSampleId :
CL-02-082918-B

Tot Ion:117 Resp: 814586
Ion Ratio Lower Upper
117 100
82 52.1 42.6 64.0
119 31.6 25.8 38.6

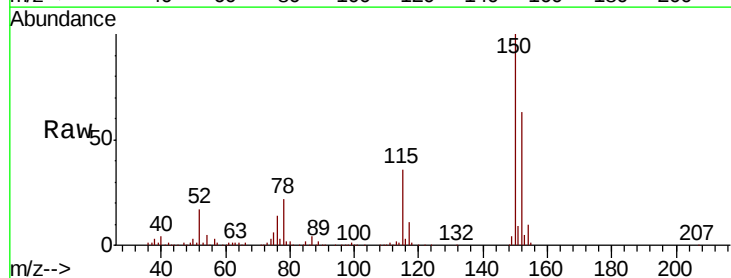


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

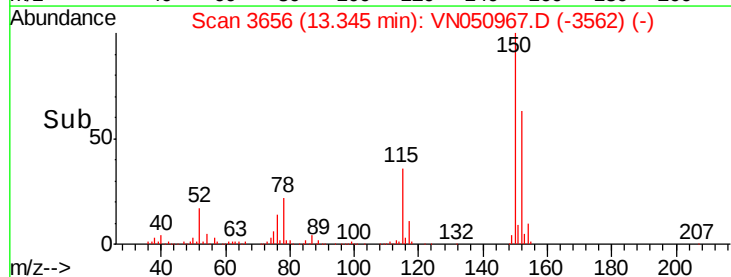
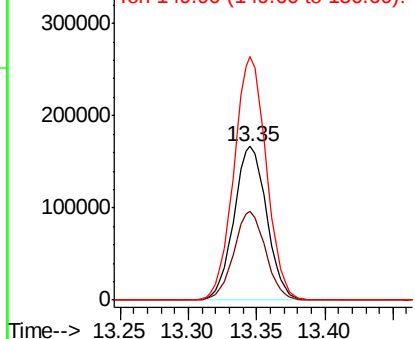


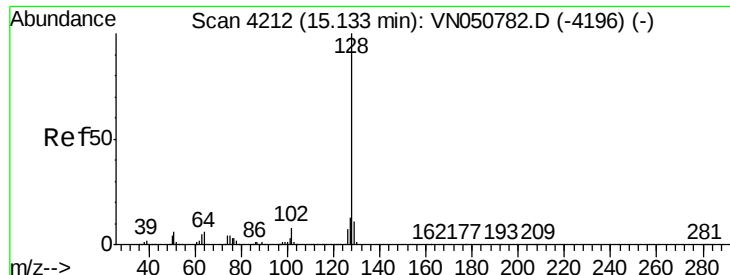
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050967.D
Acq: 30 Aug 2018 17:05

Tgt Ion:152 Resp: 277630
Ion Ratio Lower Upper
152 100
115 56.2 27.8 83.4
150 156.5 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: 6.48 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050967.D
Acq: 30 Aug 2018 17:05

Instrument :
MSVOA_N
ClientSampleId :
CL-02-082918-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	16.1	10.5	15.7#
129	10.0	8.7	13.1

