

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073118\
 Data File : VN050225.D
 Acq On : 31 Jul 2018 19:26
 Operator : MD\SY
 Sample : J3825-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-073018-A

Quant Time: Aug 01 04:37:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

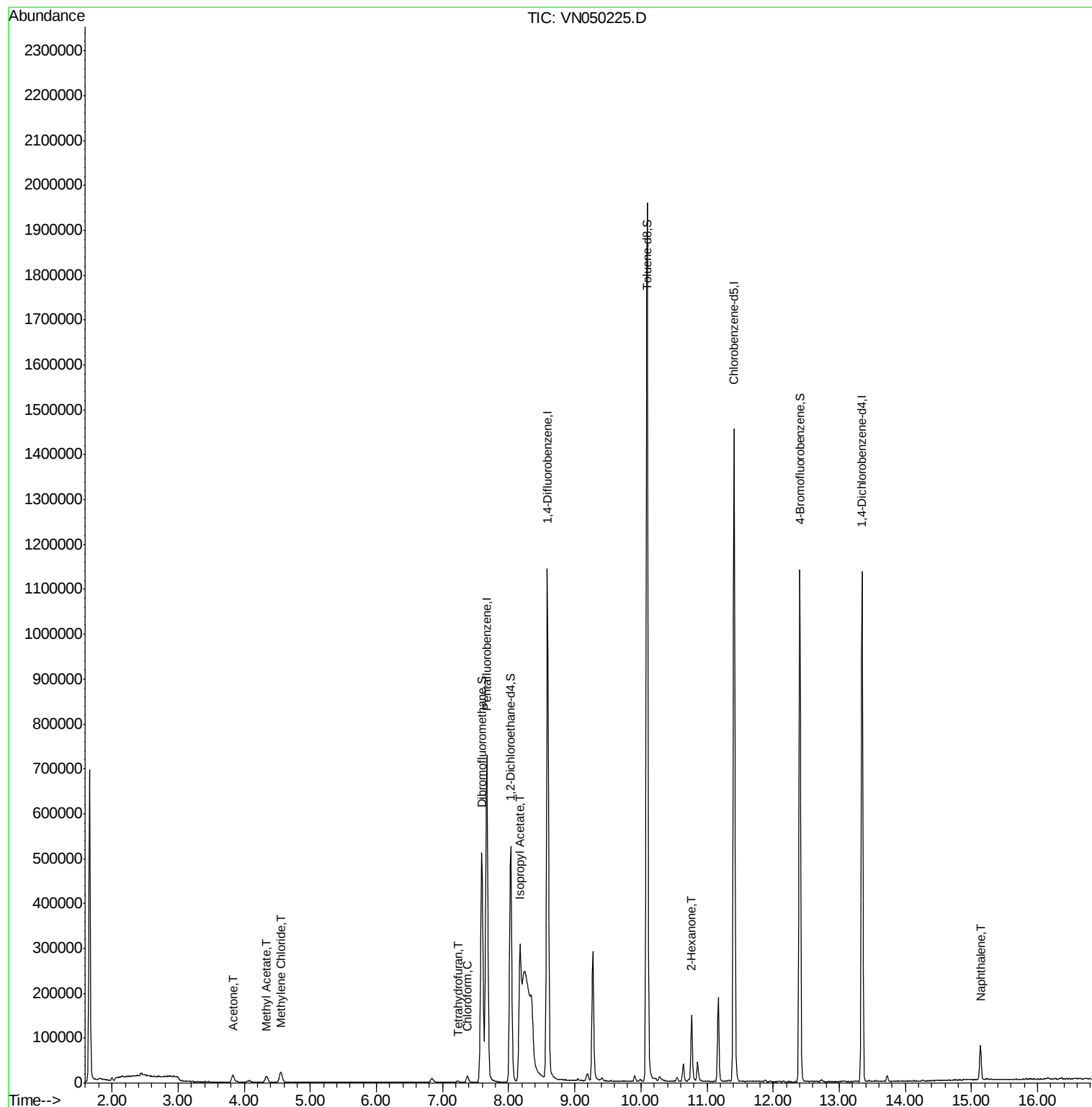
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	622293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1052237	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	876357	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	318872	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	447004	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.96%	
35) Dibromofluoromethane	7.59	113	393061	45.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.50%	
50) Toluene-d8	10.09	98	1401134	44.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.72%	
62) 4-Bromofluorobenzene	12.40	95	385585	37.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.14%	
Target Compounds						
16) Acetone	3.83	43	26529	8.782	ug/l	95
18) Methyl Acetate	4.34	43	25562	1.637	ug/l	98
20) Methylene Chloride	4.55	84	17945	1.105	ug/l	91
29) Tetrahydrofuran	7.22	42	2567	1.200	ug/l #	51
30) Chloroform	7.38	83	15033	1.022	ug/l	99
43) Isopropyl Acetate	8.17	43	385190	24.141	ug/l #	91
59) 2-Hexanone	10.77	43	21132	8.640	ug/l #	57
95) Naphthalene	15.14	128	65968	8.545	ug/l	98

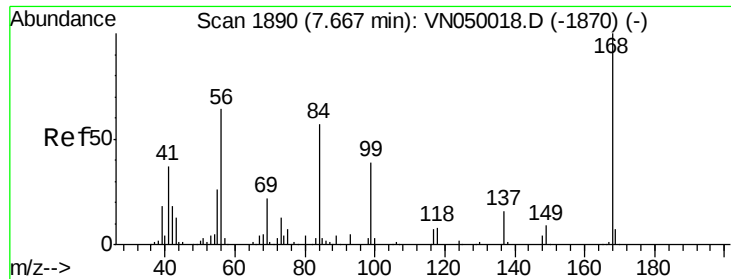
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 01 04:37:40 2018
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Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050225.D

Acq: 31 Jul 2018 19:26

Instrument :

MSVOA_N

ClientSampleId :

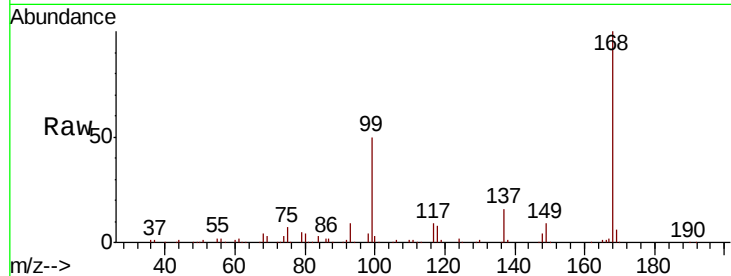
CL-01-073018-A

Tot Ion:168 Resp: 622293

Ion Ratio Lower Upper

168 100

99 50.3 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)

7.67

250000

200000

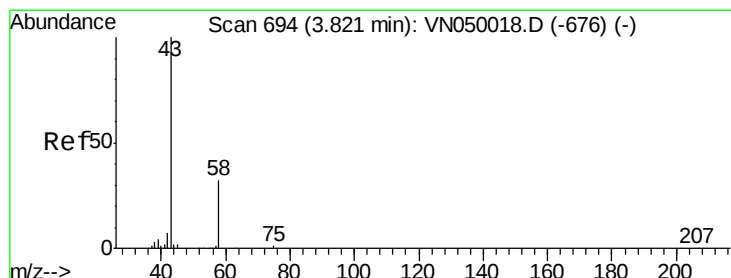
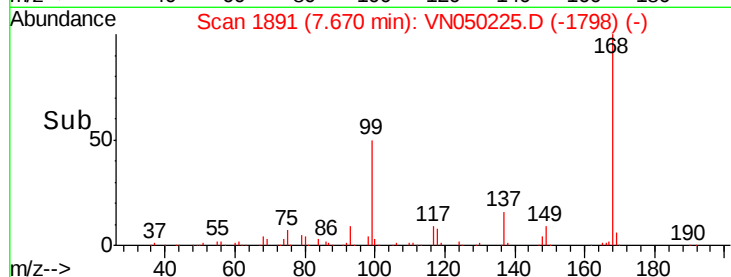
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 8.782 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050225.D

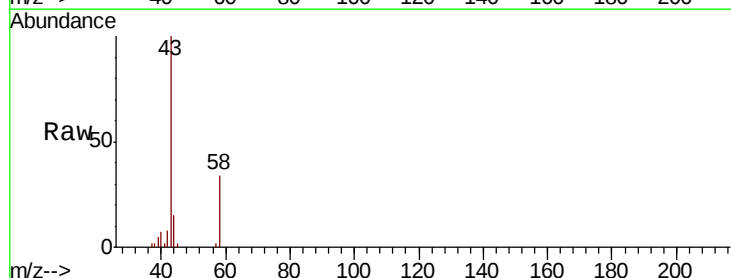
Acq: 31 Jul 2018 19:26

Tgt Ion: 43 Resp: 26529

Ion Ratio Lower Upper

43 100

58 35.1 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN050018.D (-676) (-)

3.83

10000

8000

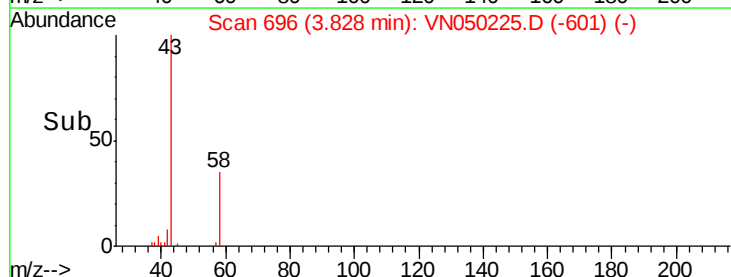
6000

4000

2000

0

Time-->

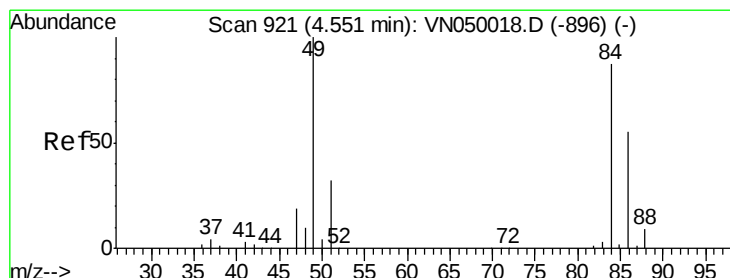
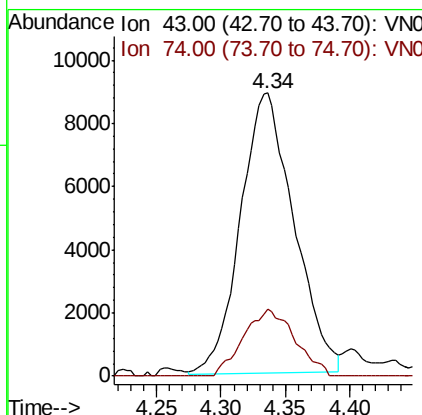
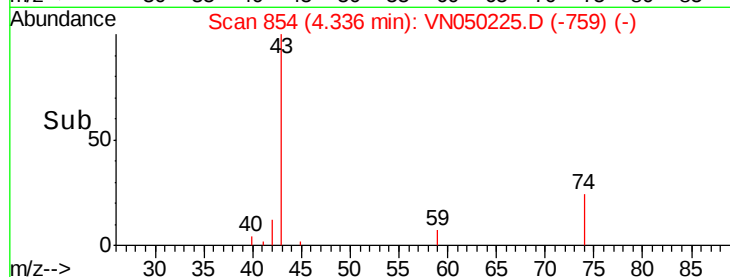
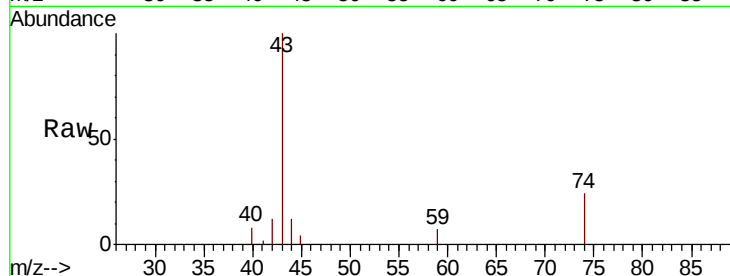




#18
Methyl Acetate
Concen: 1.637 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050225.D
Acq: 31 Jul 2018 19:26

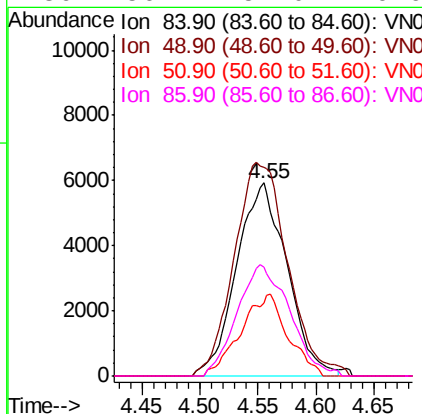
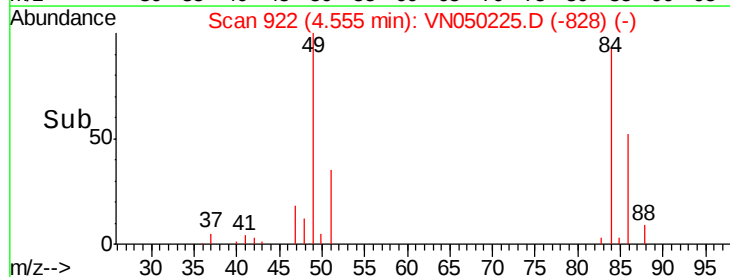
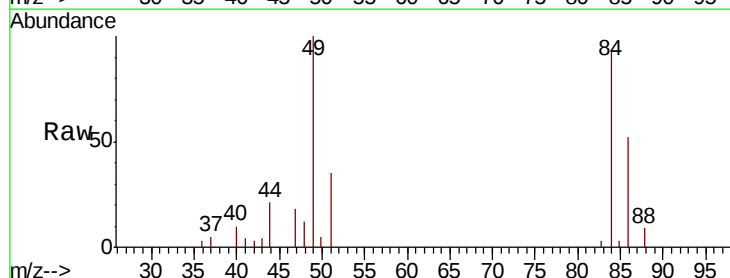
Instrument :
MSVOA_N
ClientSampleId :
CL-01-073018-A

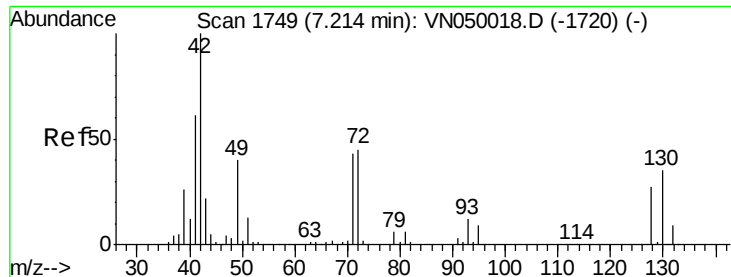
Tot Ion: 43 Resp: 25562
Ion Ratio Lower Upper
43 100
74 23.0 19.2 28.8



#20
Methylene Chloride
Concen: 1.105 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050225.D
Acq: 31 Jul 2018 19:26

Tgt Ion: 84 Resp: 17945
Ion Ratio Lower Upper
84 100
49 107.9 94.8 142.2
51 38.0 28.3 42.5
86 56.4 51.0 76.6





#29

Tetrahydrofuran

Concen: 1.200 ug/l

RT: 7.22 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VN050225.D

Acq: 31 Jul 2018 19:26

Instrument :

MSVOA_N

ClientSampleId :

CL-01-073018-A

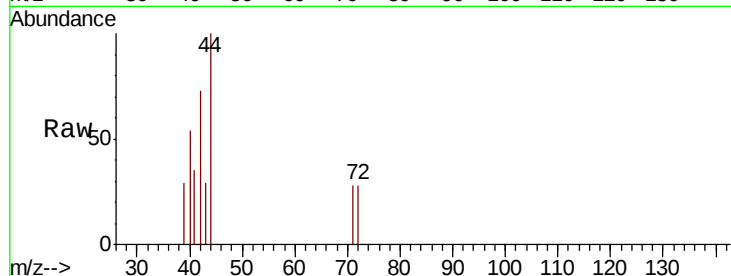
Tot Ion: 42 Resp: 2567

Ion Ratio Lower Upper

42 100

72 23.5 35.9 53.9#

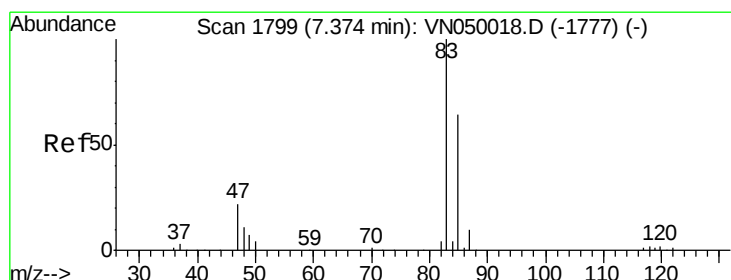
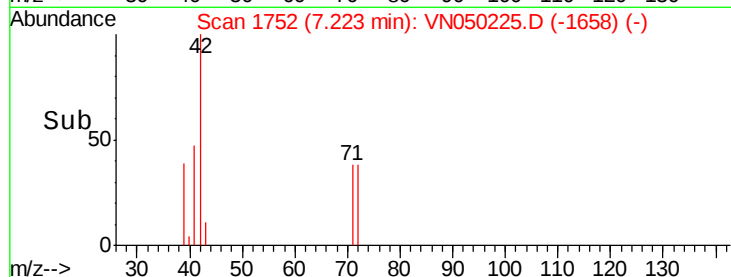
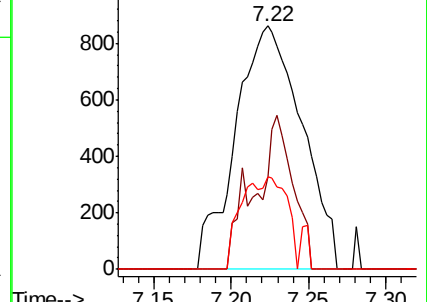
71 0.0 33.7 50.5#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 1.022 ug/l

RT: 7.38 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN050225.D

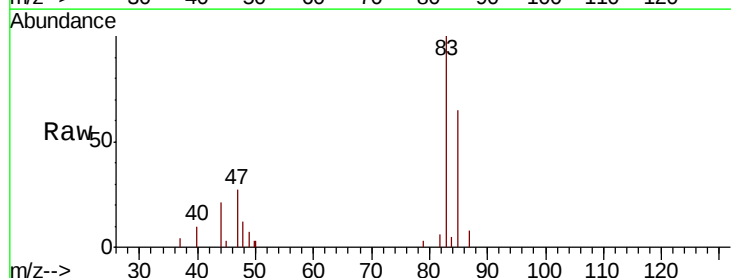
Acq: 31 Jul 2018 19:26

Tgt Ion: 83 Resp: 15033

Ion Ratio Lower Upper

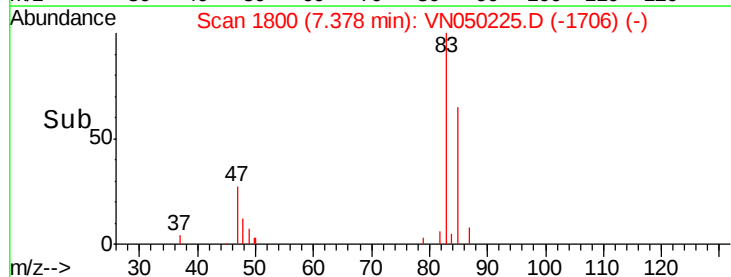
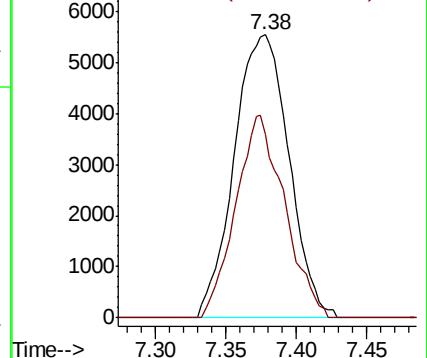
83 100

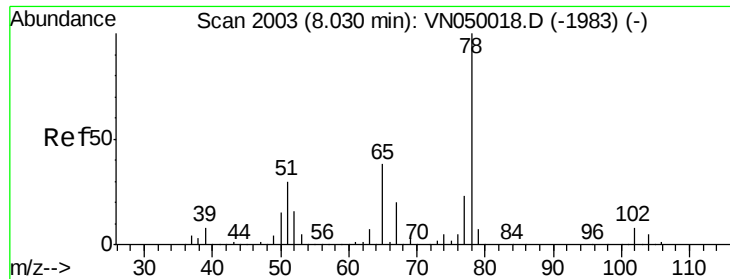
85 64.7 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

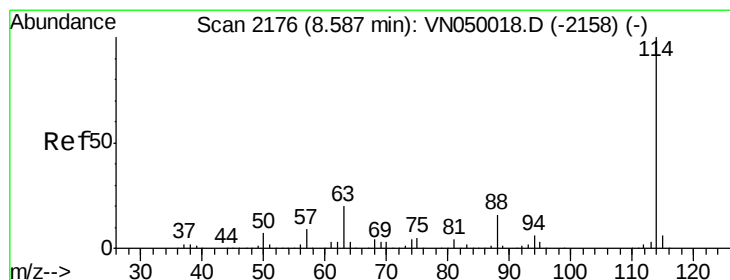
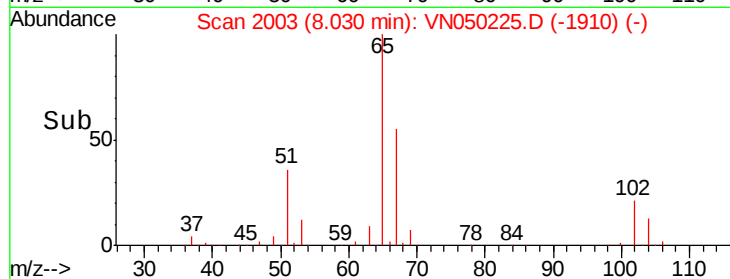
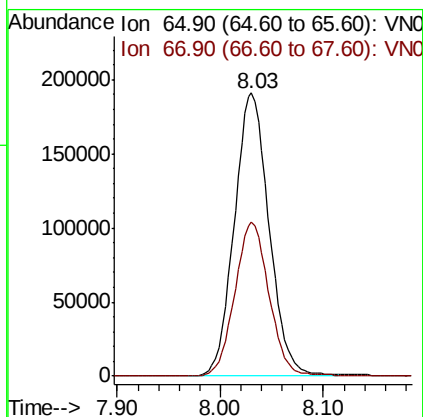
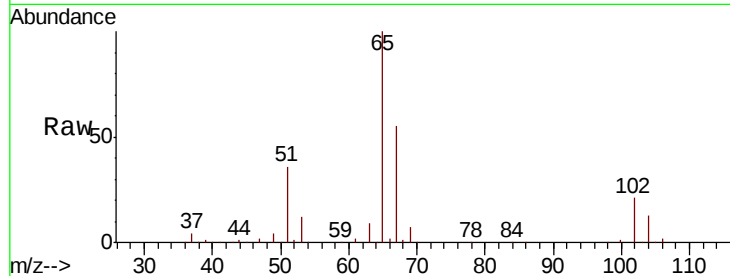




#33
 1,2-Dichloroethane-d4
 Concen: 51.484 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050225.D
 Acq: 31 Jul 2018 19:26

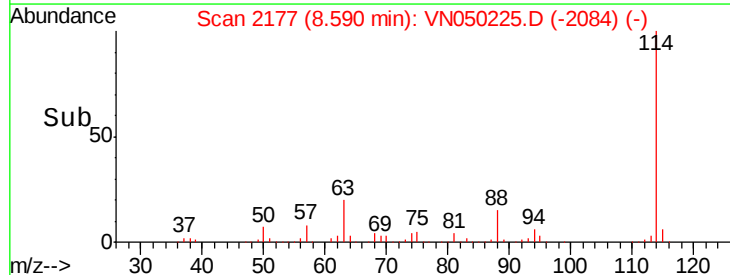
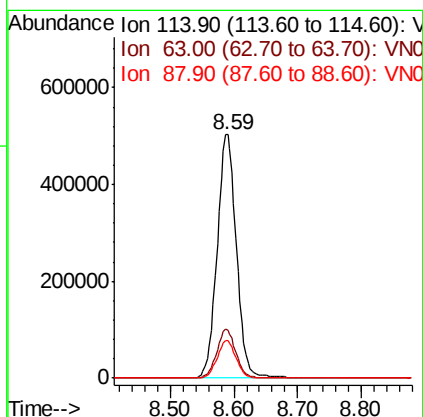
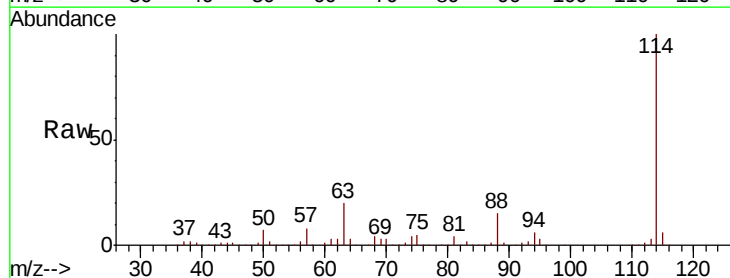
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-073018-A

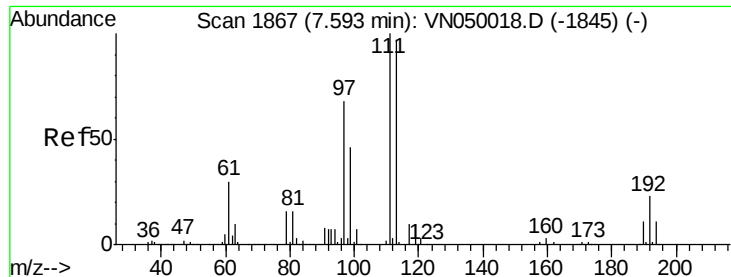
Tot Ion: 65 Resp: 447004
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050225.D
 Acq: 31 Jul 2018 19:26

Tgt Ion: 114 Resp: 1052237
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 15.4 0.0 31.2

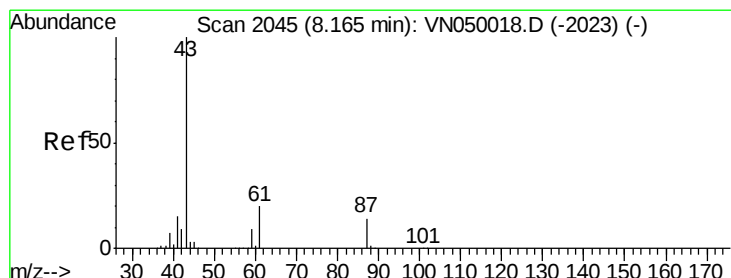
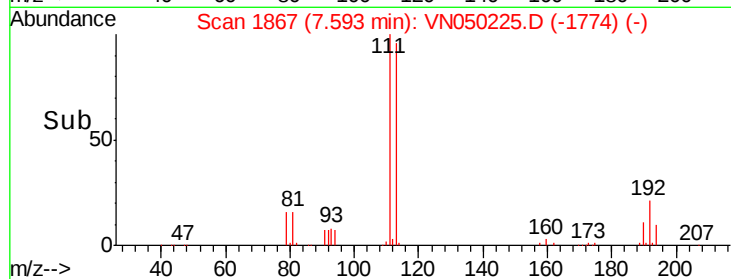
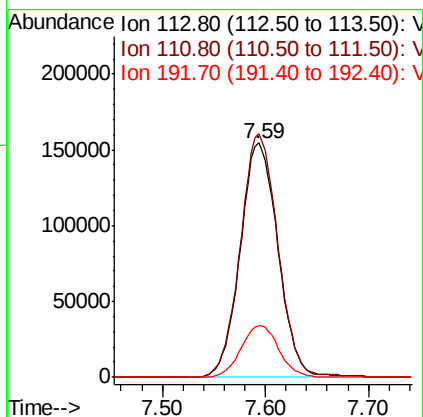
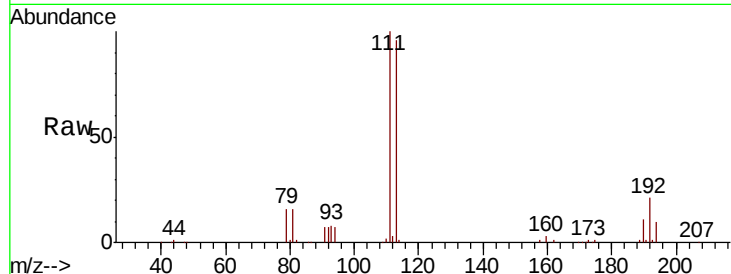




#35
 Dibromofluoromethane
 Concen: 45.751 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050225.D
 Acq: 31 Jul 2018 19:26

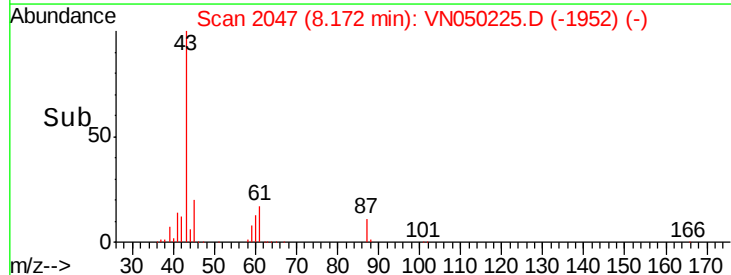
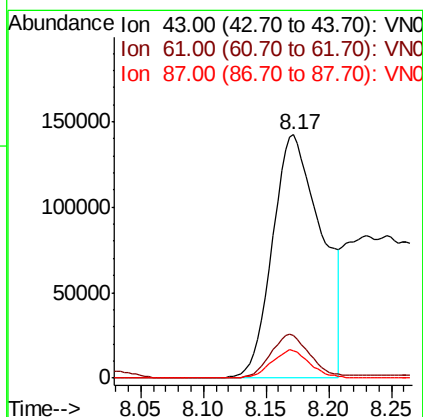
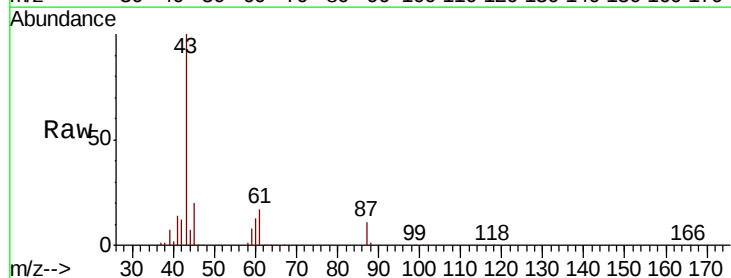
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-073018-A

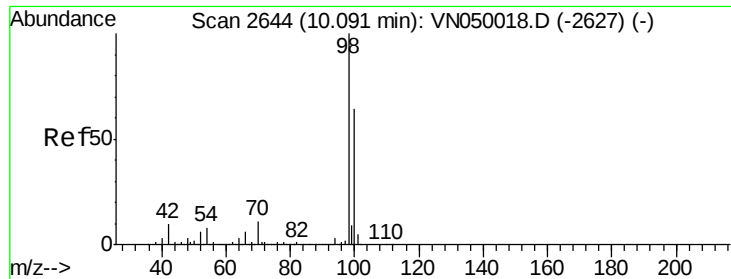
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	80.7	121.1
192	22.2	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 24.141 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN050225.D
 Acq: 31 Jul 2018 19:26

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.4	15.8	23.6#
87	9.3	10.3	15.5#

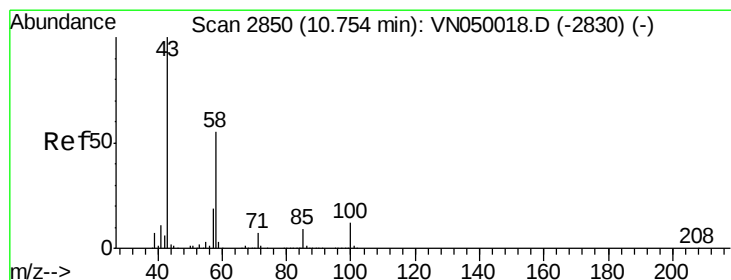
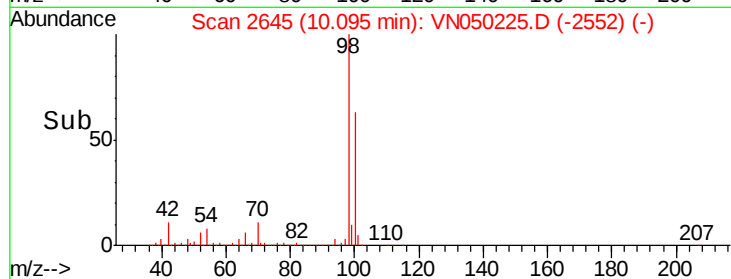
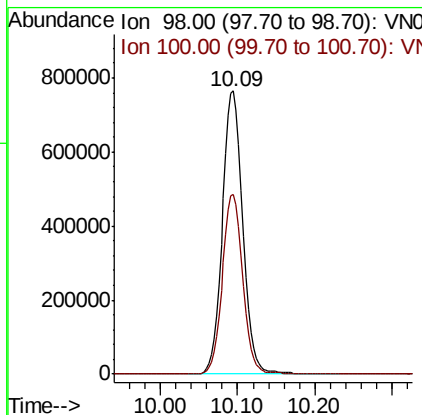
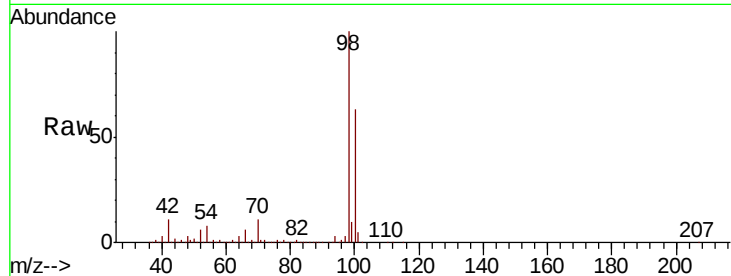




#50
Toluene-d8
Concen: 44.361 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050225.D
Acq: 31 Jul 2018 19:26

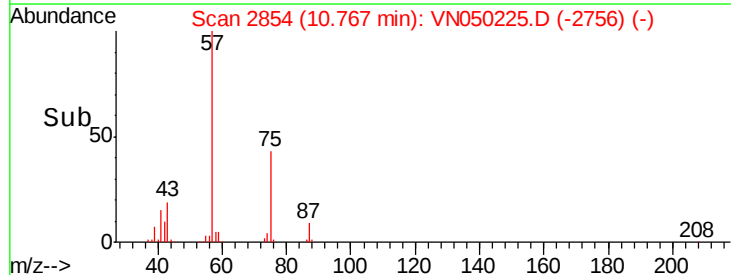
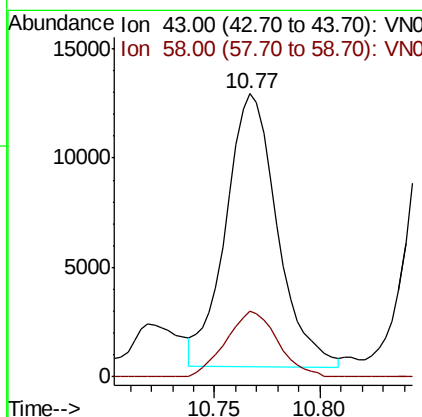
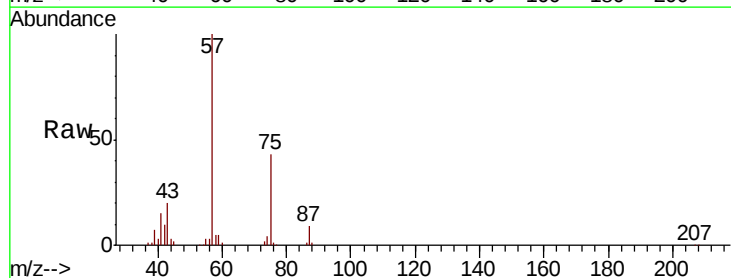
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MSVOA_N
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CL-01-073018-A

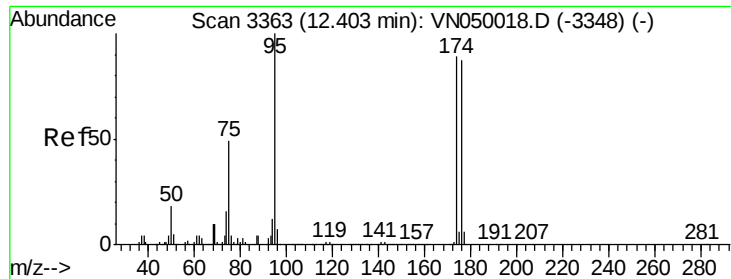
Tot Ion: 98 Resp: 1401134
Ion Ratio Lower Upper
98 100
100 63.5 50.7 76.1



#59
2-Hexanone
Concen: 8.640 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050225.D
Acq: 31 Jul 2018 19:26

Tgt Ion: 43 Resp: 21132
Ion Ratio Lower Upper
43 100
58 24.3 27.6 82.7#





#62

4-Bromofluorobenzene

Concen: 37.075 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050225.D

Acq: 31 Jul 2018 19:26

Instrument :

MSVOA_N

ClientSampleId :

CL-01-073018-A

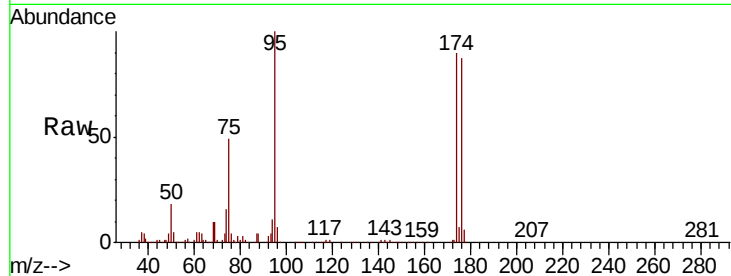
Tot Ion: 95 Resp: 385585

Ion Ratio Lower Upper

95 100

174 91.0 0.0 178.2

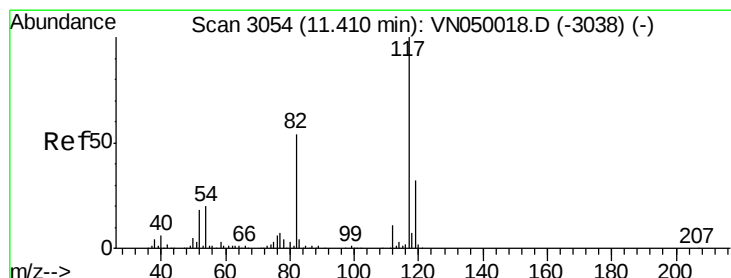
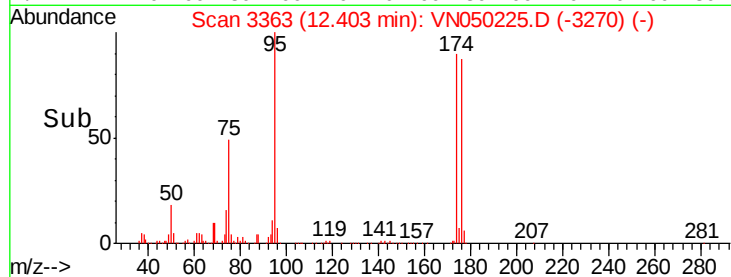
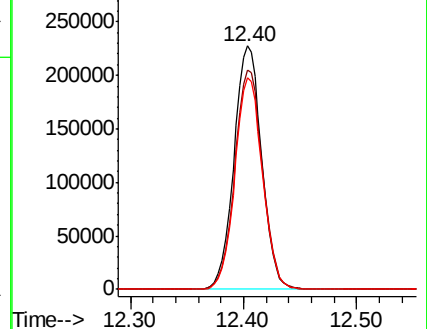
176 87.1 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN050018.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050018.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050018.D (-3348) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050225.D

Acq: 31 Jul 2018 19:26

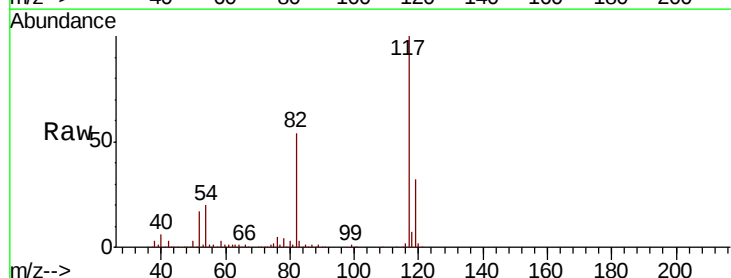
Tgt Ion: 117 Resp: 876357

Ion Ratio Lower Upper

117 100

82 54.4 43.7 65.5

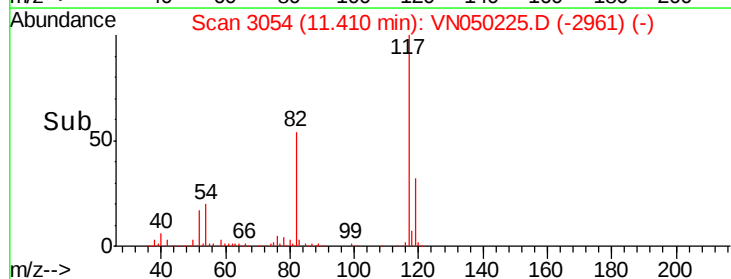
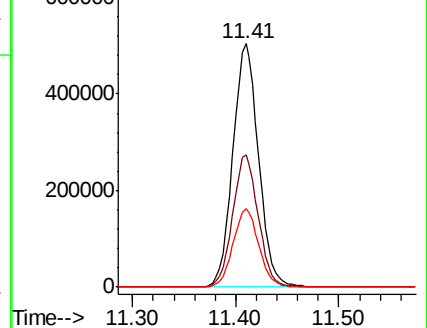
119 32.1 26.1 39.1

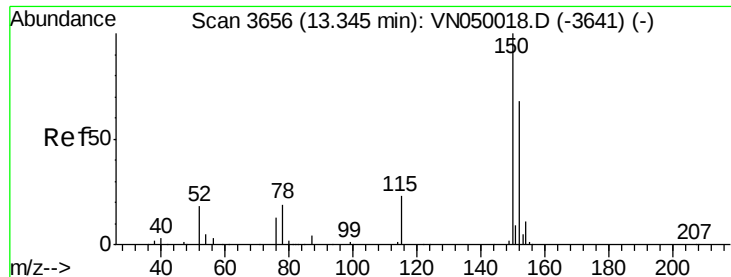


Abundance Ion 116.90 (116.60 to 117.60): VN050018.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050018.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050018.D (-3038) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050225.D

Acq: 31 Jul 2018 19:26

Instrument :

MSVOA_N

ClientSampleId :

CL-01-073018-A

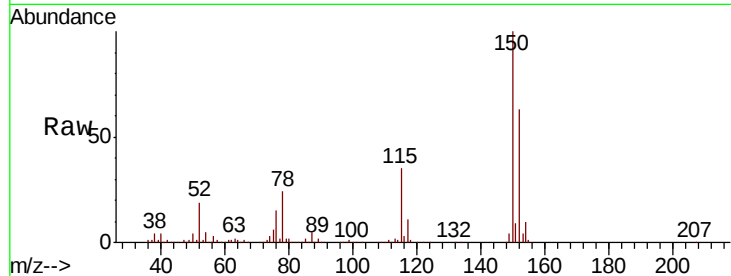
Tot Ion:152 Resp: 318872

Ion Ratio Lower Upper

152 100

115 56.9 27.8 83.3

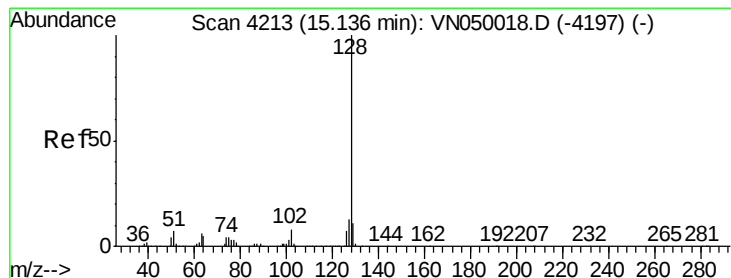
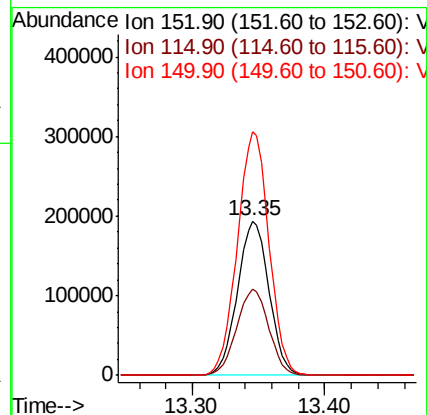
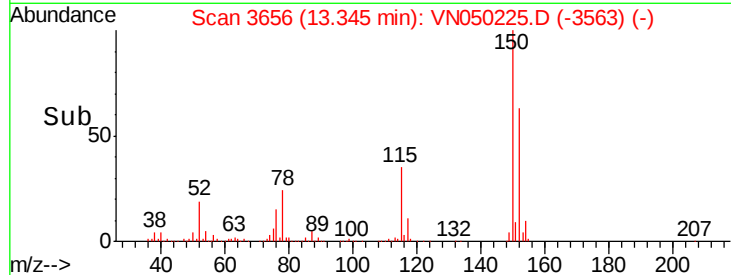
150 158.2 0.0 348.6



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: 8.545 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050225.D

Acq: 31 Jul 2018 19:26

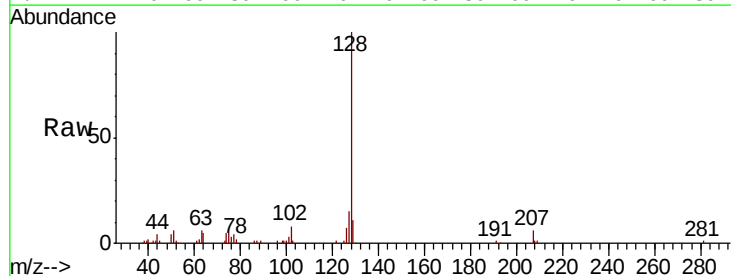
Tgt Ion:128 Resp: 65968

Ion Ratio Lower Upper

128 100

127 13.7 10.4 15.6

129 10.4 8.8 13.2



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

