

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073118\
 Data File : VN050223.D
 Acq On : 31 Jul 2018 18:36
 Operator : MD\SY
 Sample : J3825-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Aug 01 04:33:23 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

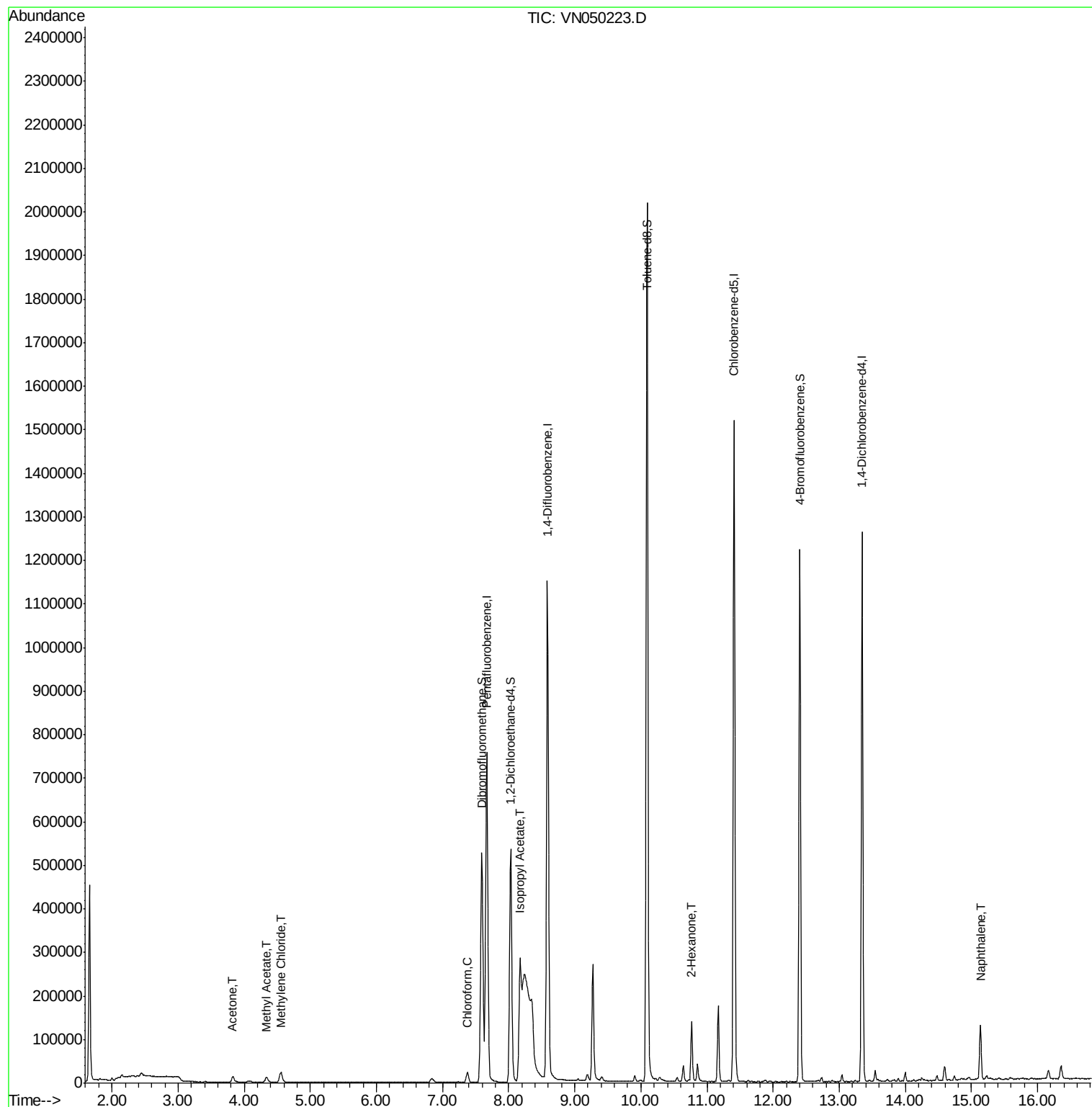
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	649105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1080247	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	913241	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	353526	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	459136	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
35) Dibromofluoromethane	7.59	113	410491	46.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.08%	
50) Toluene-d8	10.09	98	1458548	44.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.96%	
62) 4-Bromofluorobenzene	12.40	95	413668	38.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.48%	
Target Compounds						
16) Acetone	3.83	43	23086	6.594	ug/l	100
18) Methyl Acetate	4.34	43	22326	1.097	ug/l	95
20) Methylene Chloride	4.55	84	18867	1.124	ug/l	96
30) Chloroform	7.37	83	24572	1.601	ug/l	97
43) Isopropyl Acetate	8.17	43	367604	22.359	ug/l #	89
59) 2-Hexanone	10.77	43	18849	8.186	ug/l #	61
95) Naphthalene	15.14	128	110016	10.628	ug/l	100

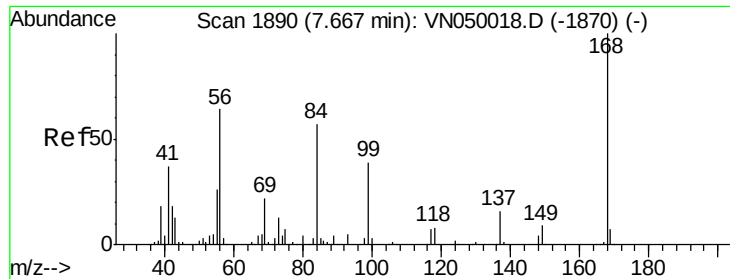
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN073118\
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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: VN050223.D

Acq: 31 Jul 2018 18:36

Instrument :

MSVOA_N

ClientSampleId :

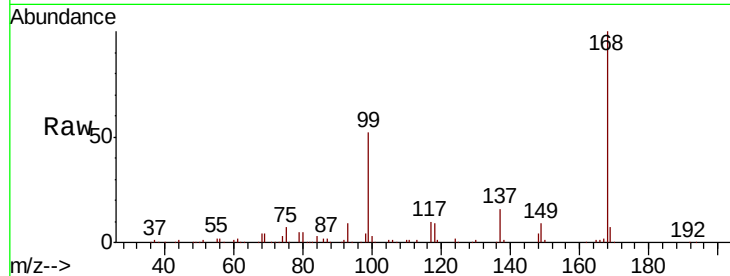
CL-01-073018-C

Tot Ion:168 Resp: 649105

Ion Ratio Lower Upper

168 100

99 52.0 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

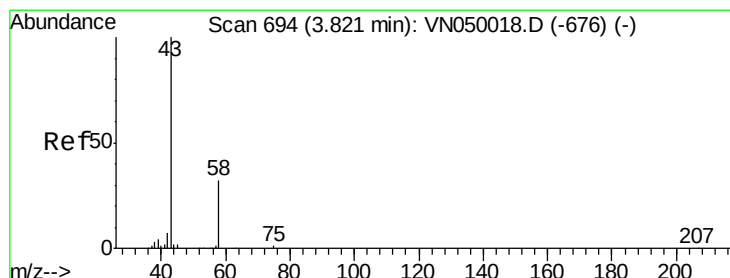
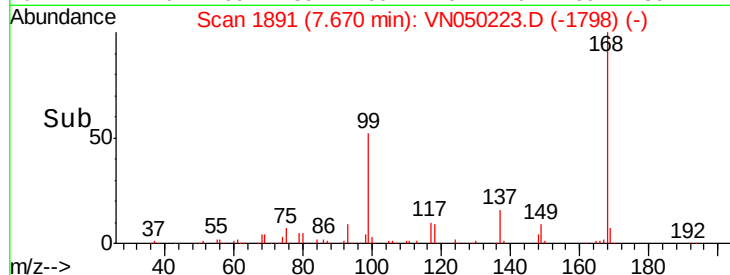
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.594 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050223.D

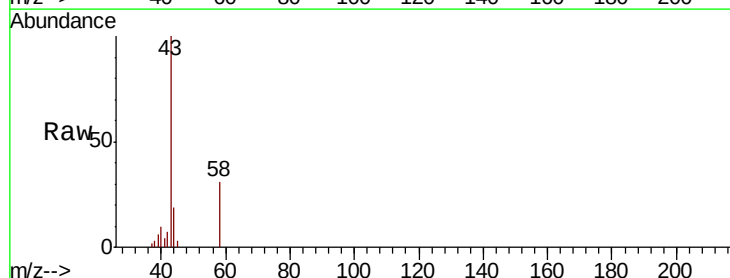
Acq: 31 Jul 2018 18:36

Tgt Ion: 43 Resp: 23086

Ion Ratio Lower Upper

43 100

58 32.1 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

8000

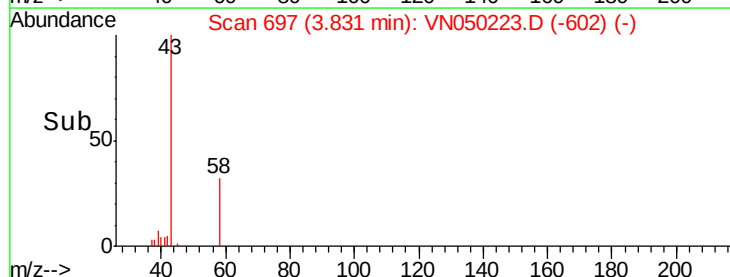
6000

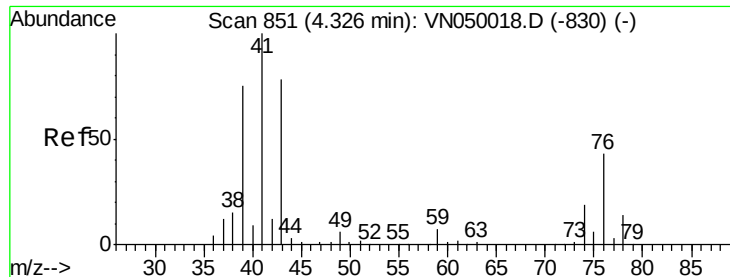
4000

2000

0

Time-->

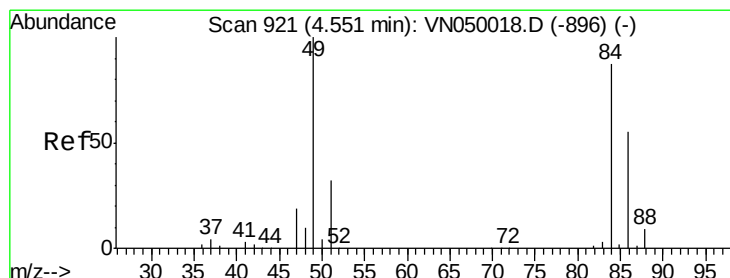
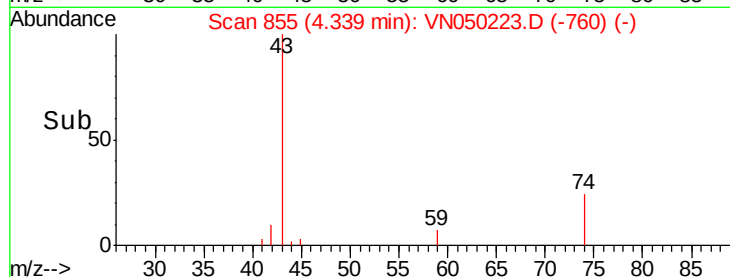
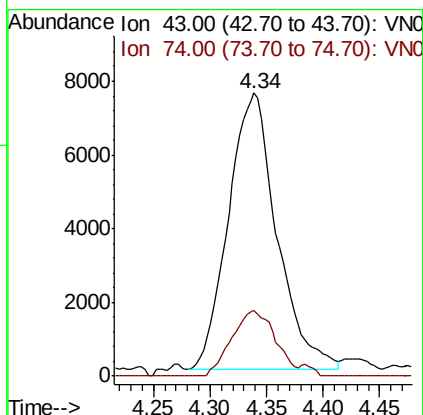
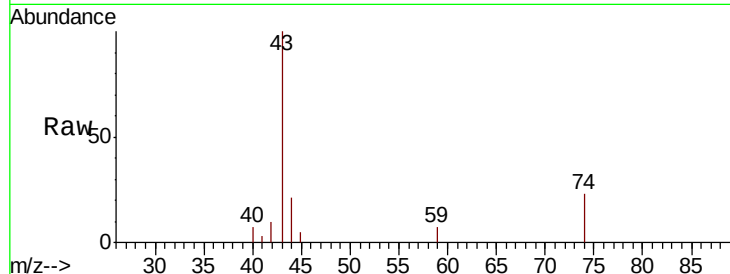




#18
Methvl Acetate
Concen: 1.097 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN050223.D
Acq: 31 Jul 2018 18:36

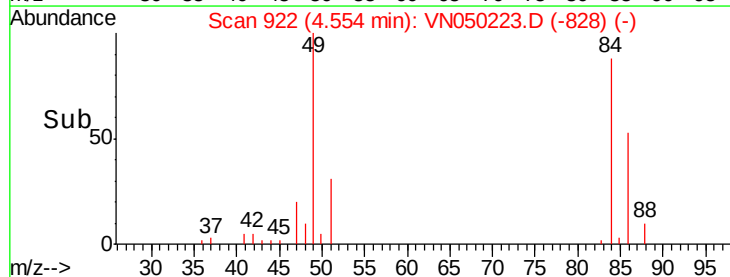
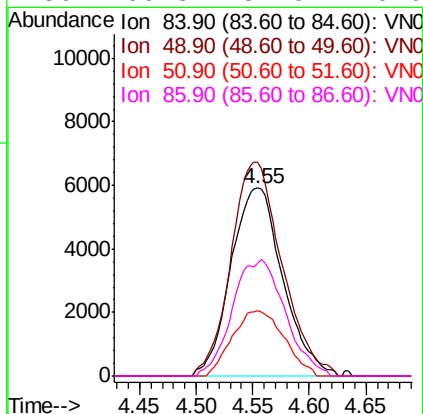
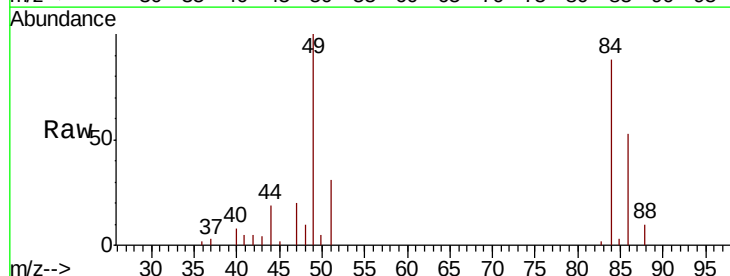
Instrument :
MSVOA_N
ClientSampleId :
CL-01-073018-C

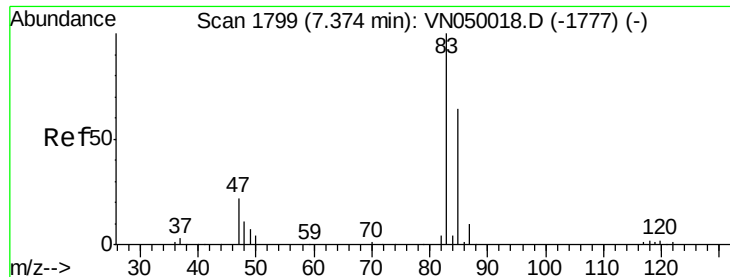
Tot Ion: 43 Resp: 22326
Ion Ratio Lower Upper
43 100
74 21.4 19.2 28.8



#20
Methylene Chloride
Concen: 1.124 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050223.D
Acq: 31 Jul 2018 18:36

Tgt Ion: 84 Resp: 18867
Ion Ratio Lower Upper
84 100
49 113.8 94.8 142.2
51 35.1 28.3 42.5
86 60.3 51.0 76.6

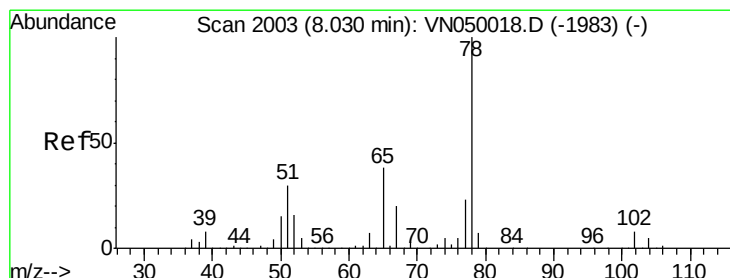
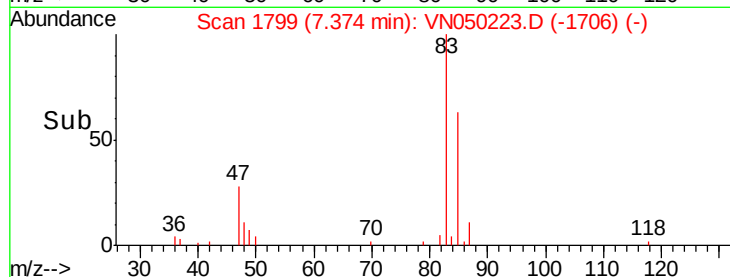
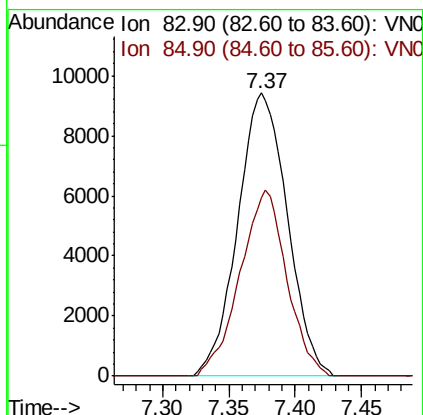
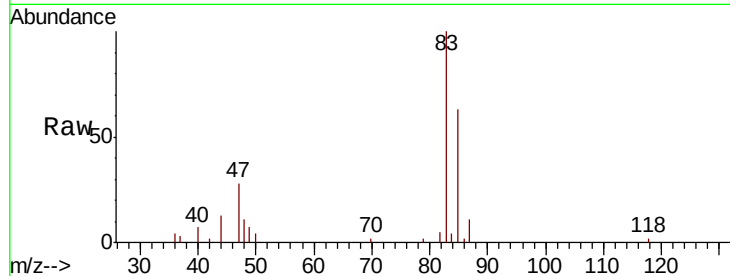




#30
Chloroform
Concen: 1.601 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN050223.D
Acq: 31 Jul 2018 18:36

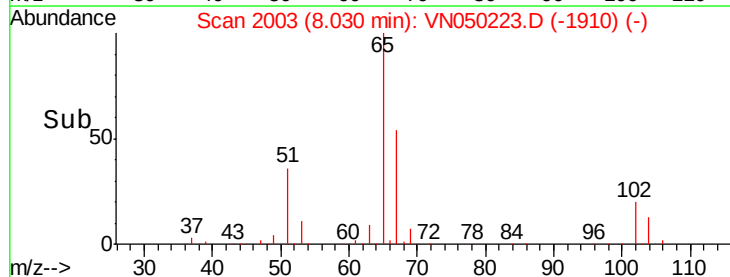
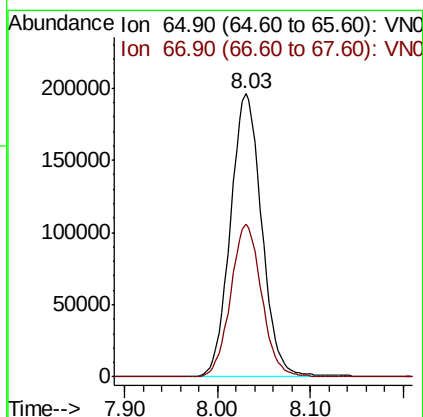
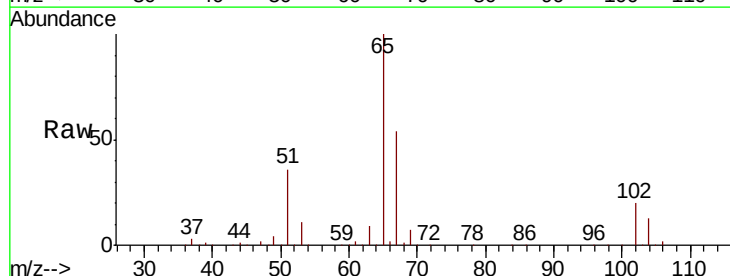
Instrument :
MSVOA_N
ClientSampleId :
CL-01-073018-C

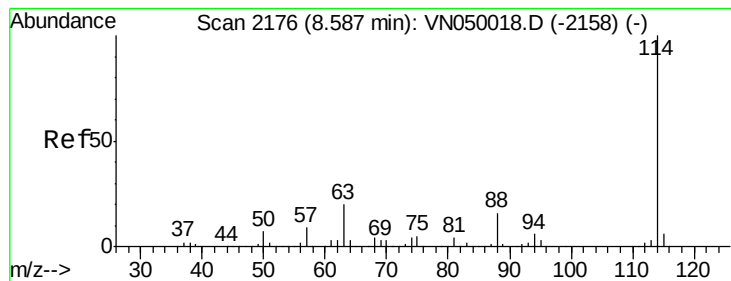
Tot Ion: 83 Resp: 24572
Ion Ratio Lower Upper
83 100
85 63.1 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 50.697 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050223.D
Acq: 31 Jul 2018 18:36

Tgt Ion: 65 Resp: 459136
Ion Ratio Lower Upper
65 100
67 53.5 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: VN050223.D

Acq: 31 Jul 2018 18:36

Instrument :

MSVOA_N

ClientSampleId :

CL-01-073018-C

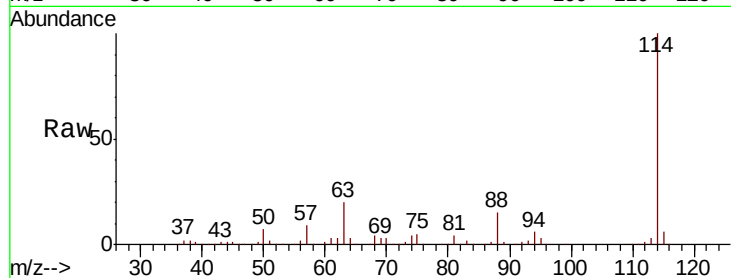
Tot Ion:114 Resp: 1080247

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.0

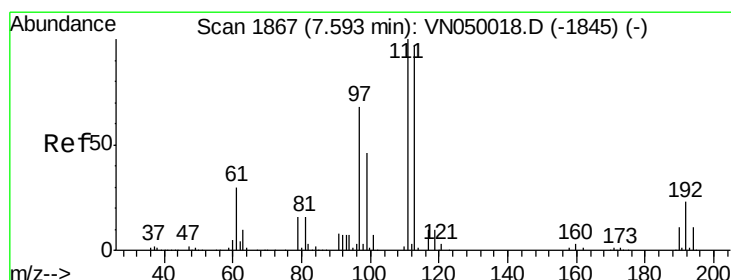
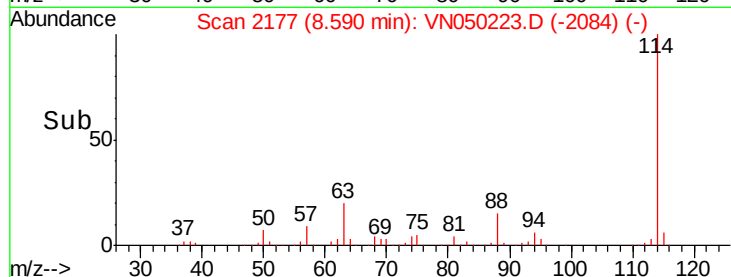
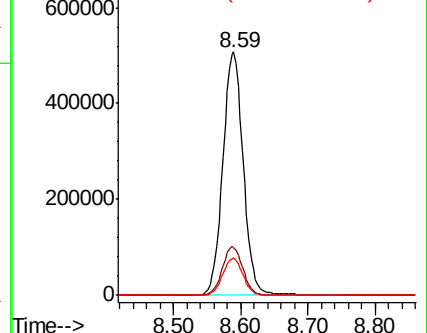
88 15.2 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 46.541 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN050223.D

Acq: 31 Jul 2018 18:36

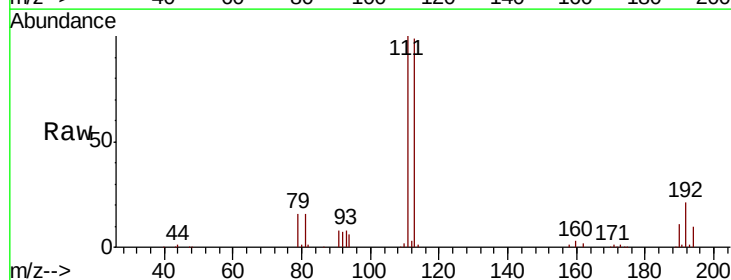
Tgt Ion:113 Resp: 410491

Ion Ratio Lower Upper

113 100

111 102.4 80.7 121.1

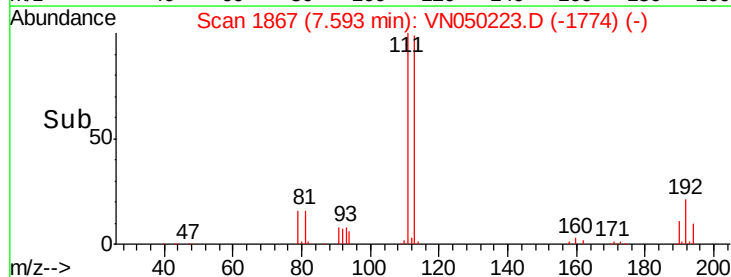
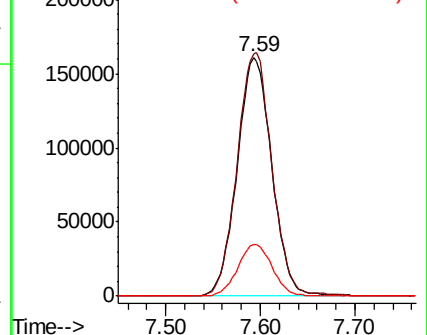
192 21.6 17.8 26.6

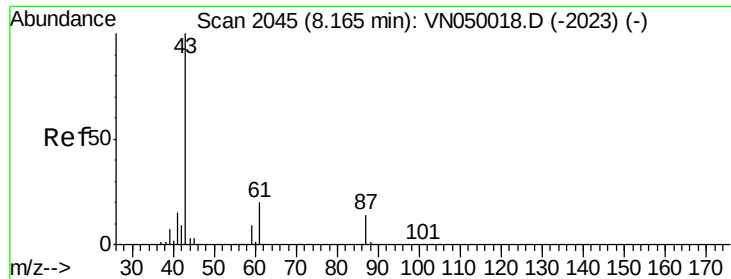


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 22.359 ug/l

RT: 8.17 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VN050223.D

Acq: 31 Jul 2018 18:36

Instrument :

MSVOA_N

ClientSampleId :

CL-01-073018-C

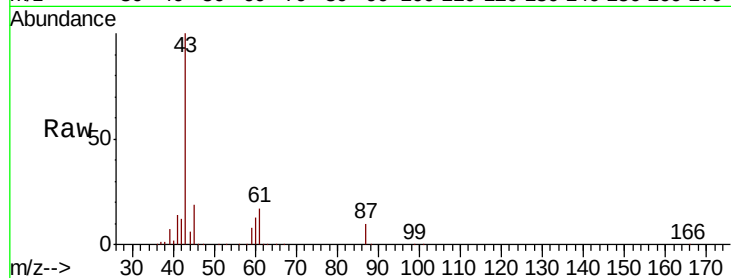
Tot Ion: 43 Resp: 367604

Ion Ratio Lower Upper

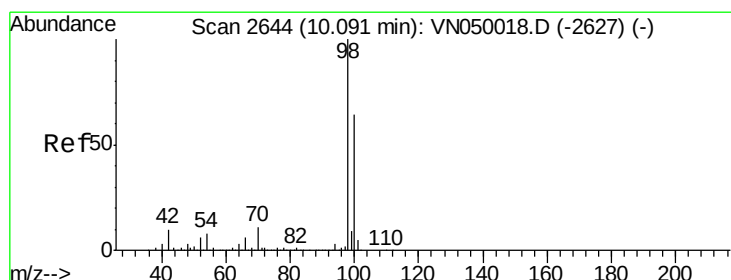
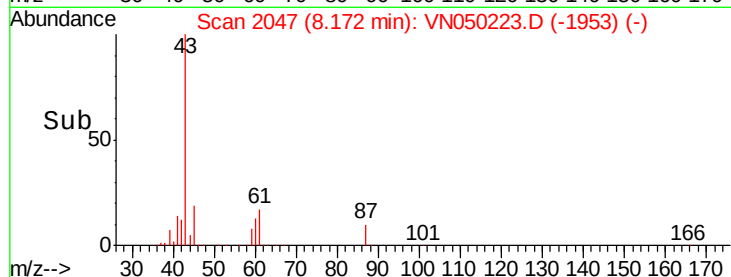
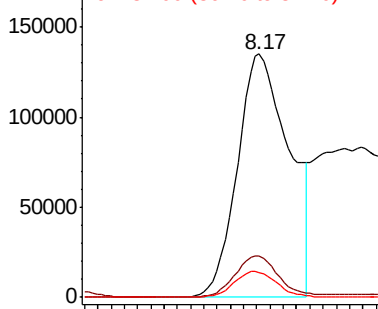
43 100

61 14.7 15.8 23.6#

87 8.9 10.3 15.5#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO



#50

Toluene-d8

Concen: 44.981 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050223.D

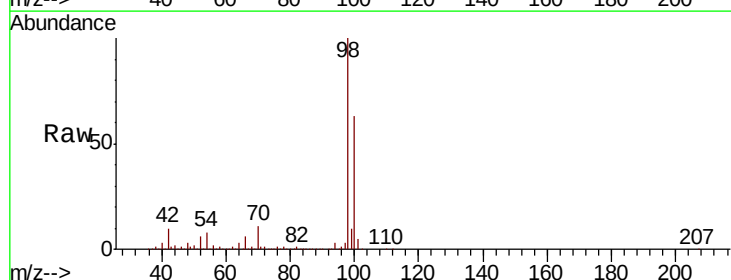
Acq: 31 Jul 2018 18:36

Tgt Ion: 98 Resp: 1458548

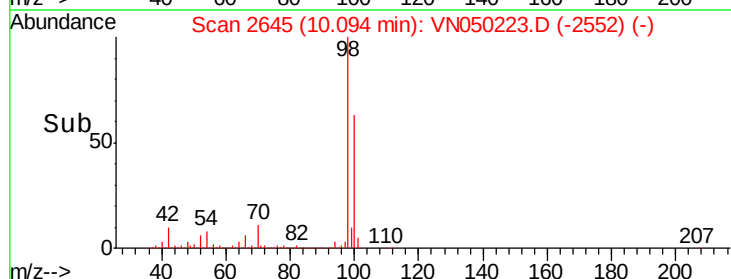
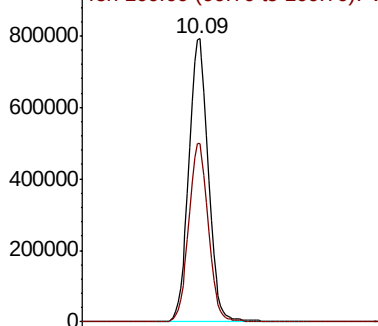
Ion Ratio Lower Upper

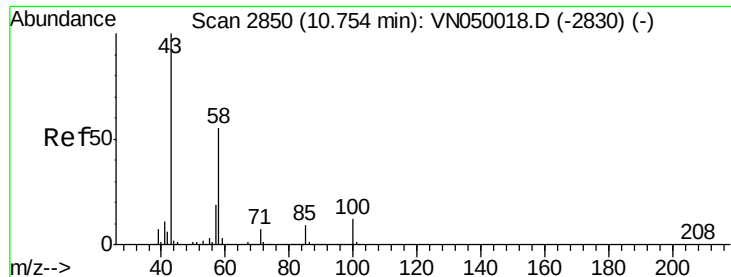
98 100

100 63.3 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VNO
Ion 100.00 (99.70 to 100.70): VNO





#59

2-Hexanone

Concen: 8.186 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050223.D

Acq: 31 Jul 2018 18:36

Instrument :

MSVOA_N

ClientSampled :

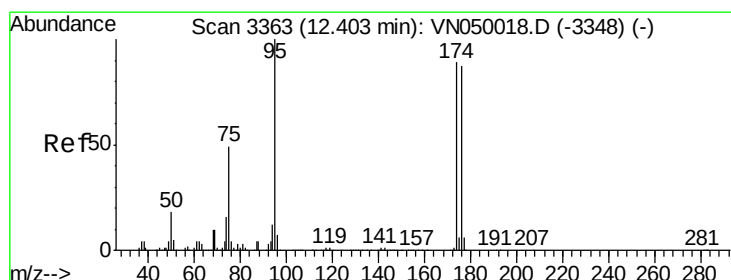
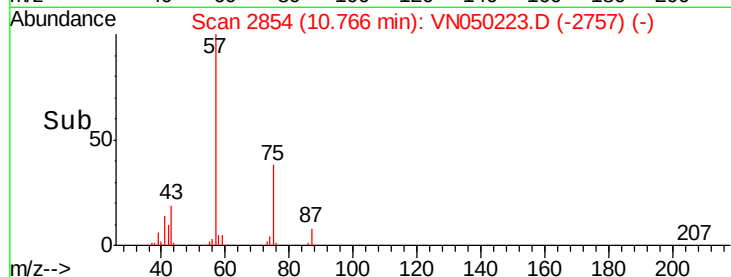
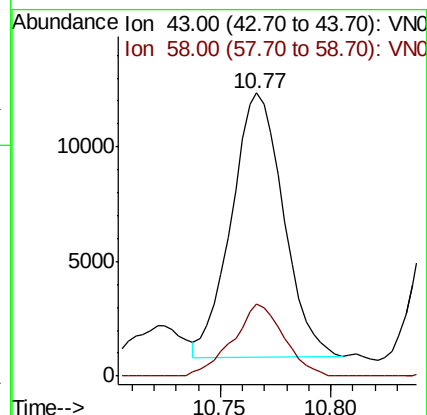
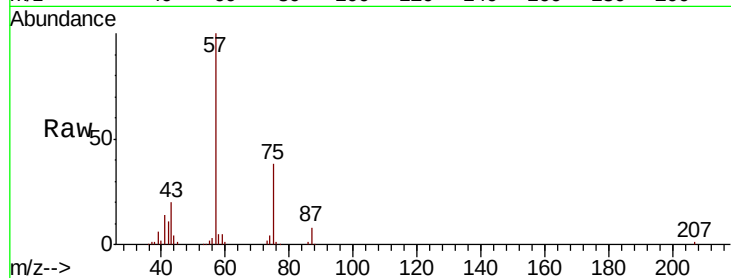
CL-01-073018-C

Tot Ion: 43 Resp: 18849

Ion Ratio Lower Upper

43 100

58 26.9 27.6 82.7#



#62

4-Bromofluorobenzene

Concen: 38.744 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050223.D

Acq: 31 Jul 2018 18:36

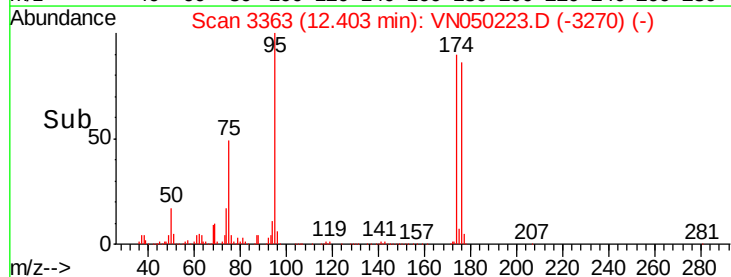
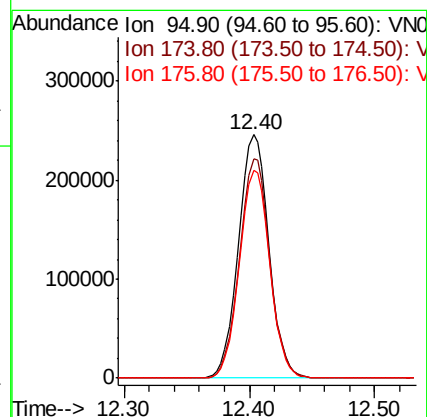
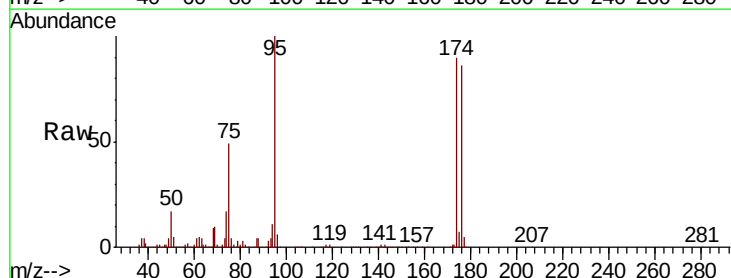
Tgt Ion: 95 Resp: 413668

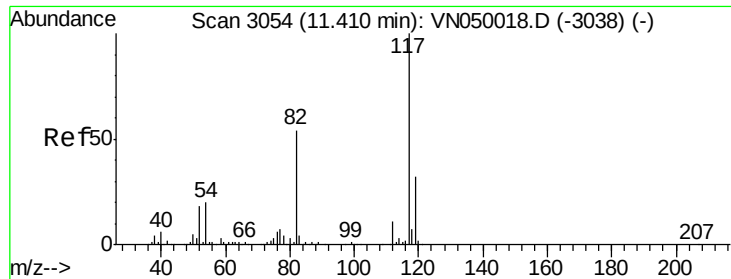
Ion Ratio Lower Upper

95 100

174 90.1 0.0 178.2

176 85.6 0.0 173.4

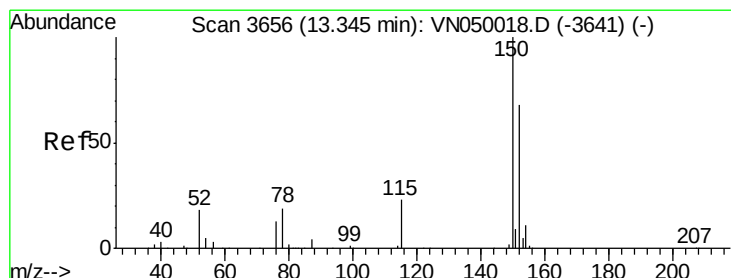
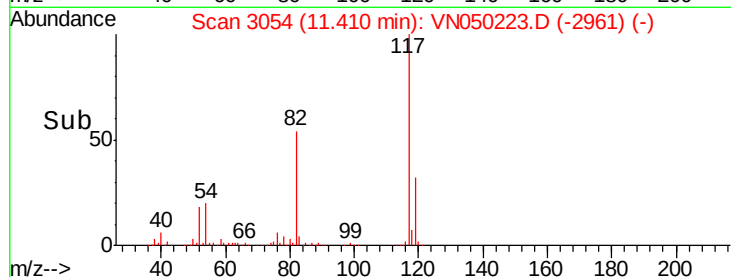
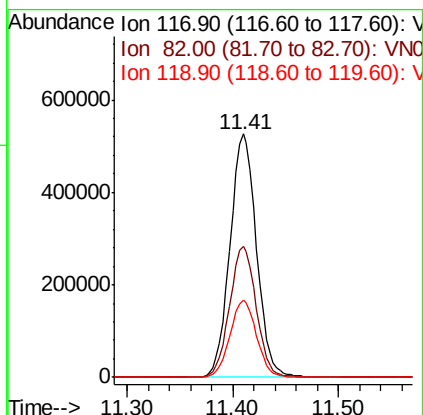
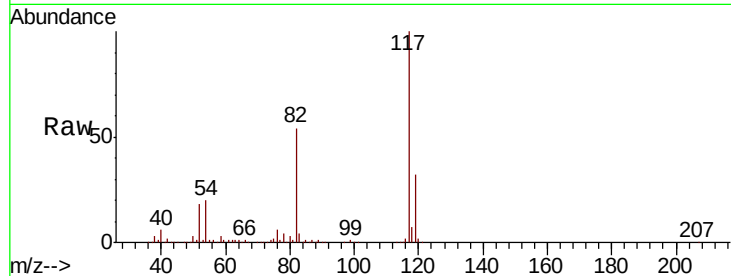




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050223.D
Acq: 31 Jul 2018 18:36

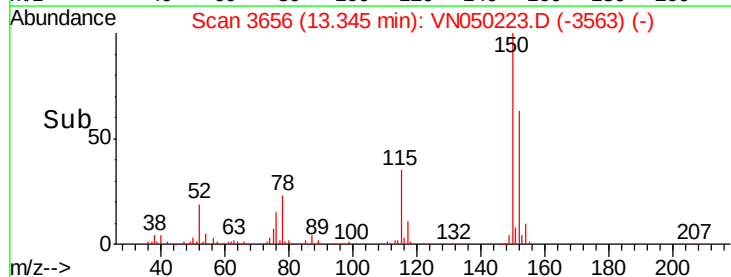
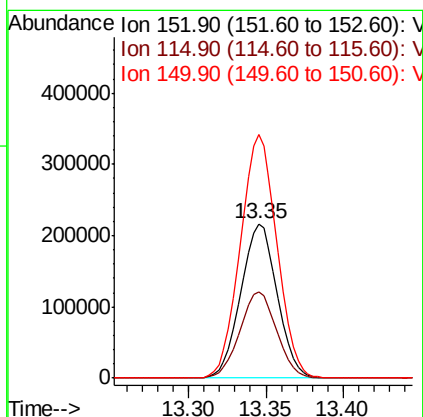
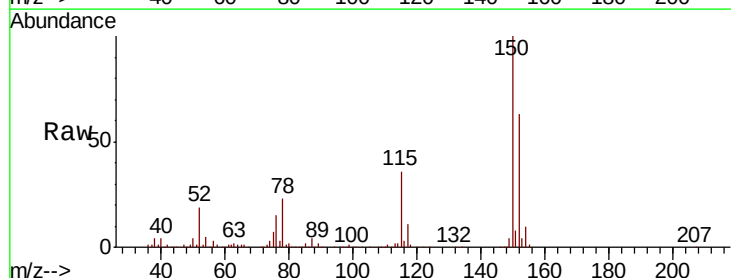
Instrument :
MSVOA_N
ClientSampleId :
CL-01-073018-C

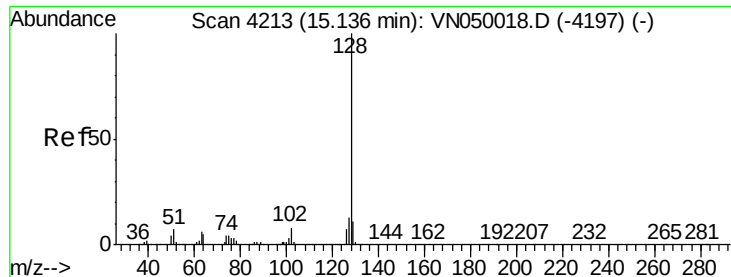
Tot Ion:117 Resp: 913241
Ion Ratio Lower Upper
117 100
82 54.0 43.7 65.5
119 31.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050223.D
Acq: 31 Jul 2018 18:36

Tgt Ion:152 Resp: 353526
Ion Ratio Lower Upper
152 100
115 56.7 27.8 83.3
150 158.6 0.0 348.6

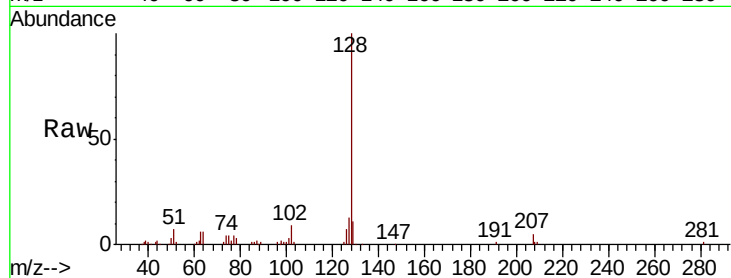




#95
Naphthalene
Concen: 10.628 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050223.D
Acq: 31 Jul 2018 18:36

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

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.0	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

