

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
 Data File : VN050420.D
 Acq On : 7 Aug 2018 7:10
 Operator : MD\SY
 Sample : J4345-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR200035

Quant Time: Aug 07 08:27:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	669290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1105404	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	934252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	356494	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	464764	51.97	ug/l	0.00
Spiked Amount			Recovery	=	103.94%	
35) Dibromofluoromethane	7.59	113	421366	47.51	ug/l	0.00
Spiked Amount			Recovery	=	95.02%	
50) Toluene-d8	10.09	98	1495918	44.86	ug/l	0.00
Spiked Amount			Recovery	=	89.72%	
62) 4-Bromofluorobenzene	12.40	95	418273	36.80	ug/l	0.00
Spiked Amount			Recovery	=	73.60%	

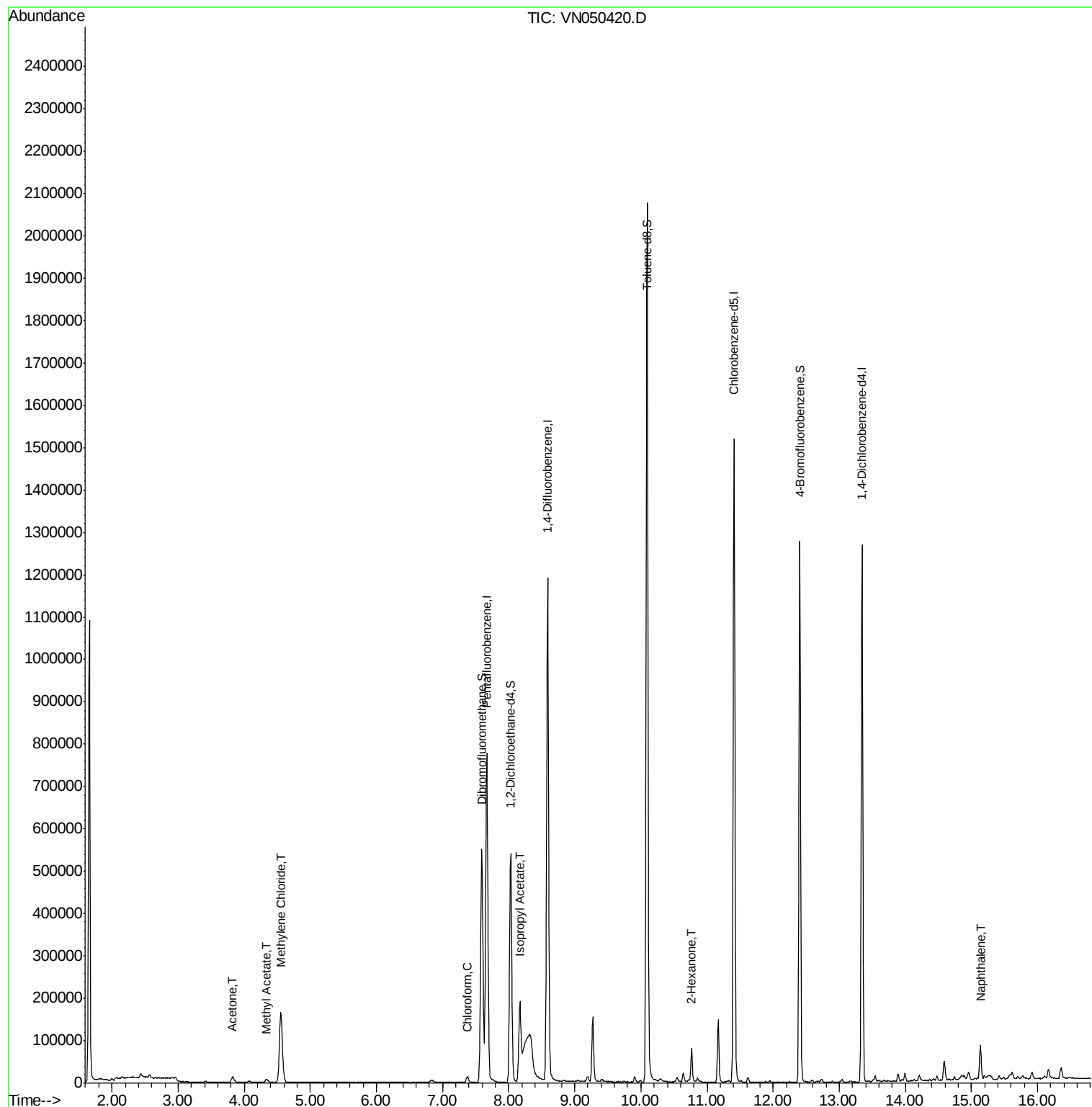
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	25134	9.08	ug/l	98
18) Methyl Acetate	4.34	43	15768	2.09	ug/l	96
20) Methylene Chloride	4.55	84	132055	15.11	ug/l	99
30) Chloroform	7.37	83	15136	1.04	ug/l	91
43) Isopropyl Acetate	8.17	43	233453	15.46	ug/l	98
59) 2-Hexanone	10.77	43	11513	1.52	ug/l #	58
95) Naphthalene	15.14	128	71165	7.44	ug/l	100

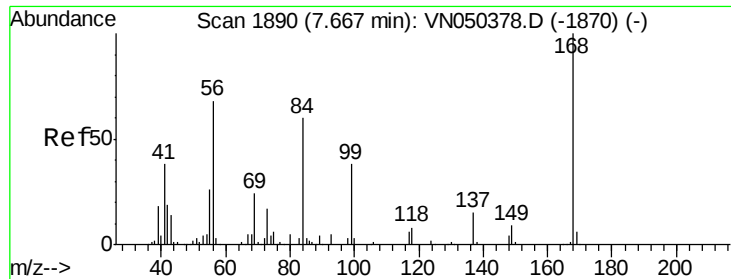
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 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: VN050420.D

Acq: 7 Aug 2018 7:10

Instrument :

MSVOA_N

ClientSampled :

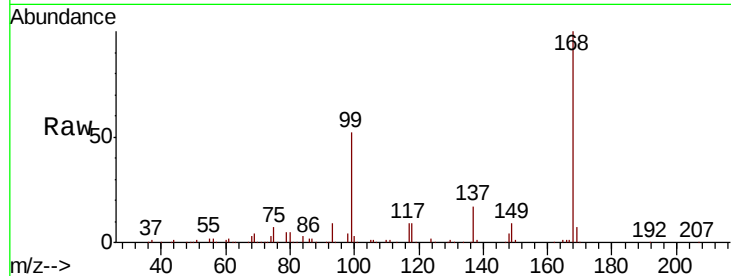
RBR200035

Tot Ion:168 Resp: 669290

Ion Ratio Lower Upper

168 100

99 51.5 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050420.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN050420.D (-1797) (-)

7.67

300000

250000

200000

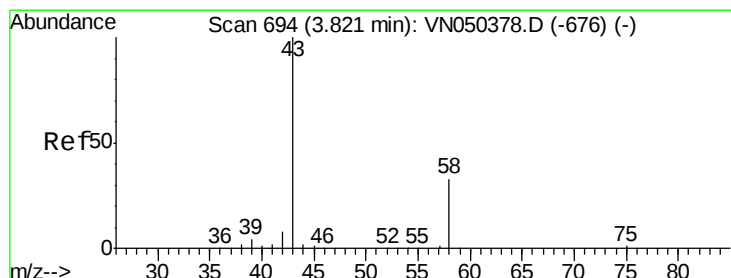
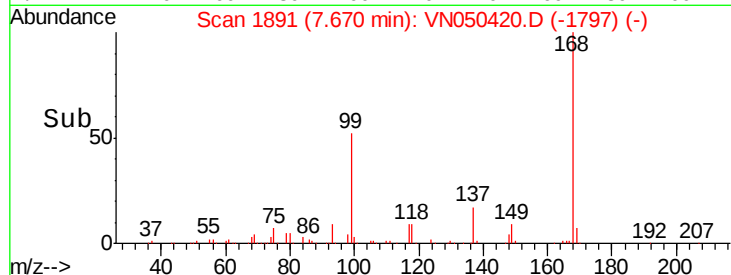
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 9.08 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050420.D

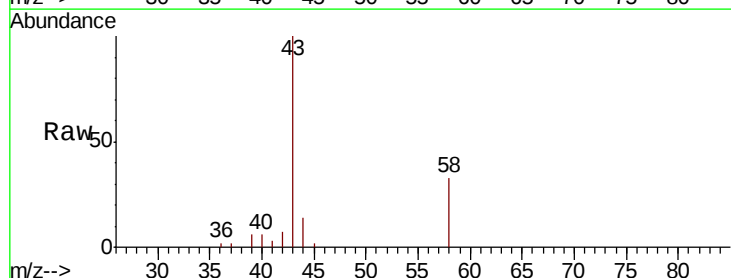
Acq: 7 Aug 2018 7:10

Tgt Ion: 43 Resp: 25134

Ion Ratio Lower Upper

43 100

58 33.4 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050420.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN050420.D (-601) (-)

3.83

10000

8000

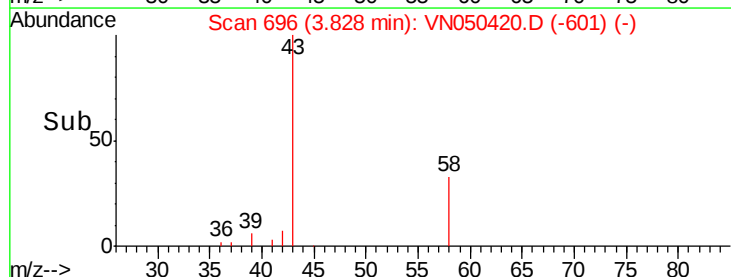
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4000

2000

0

Time-->

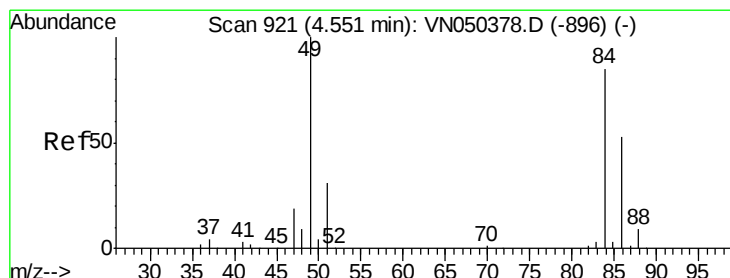
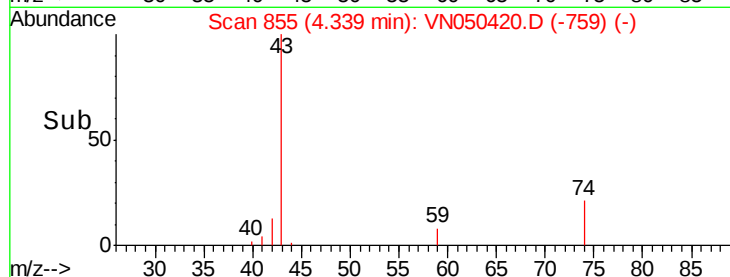
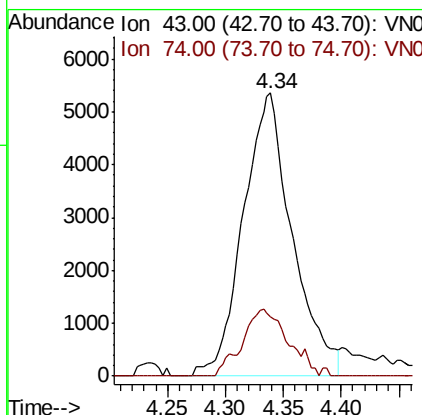
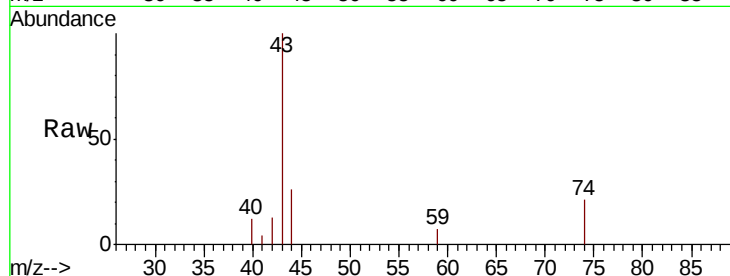




#18
Methyl Acetate
Concen: 2.09 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN050420.D
Acq: 7 Aug 2018 7:10

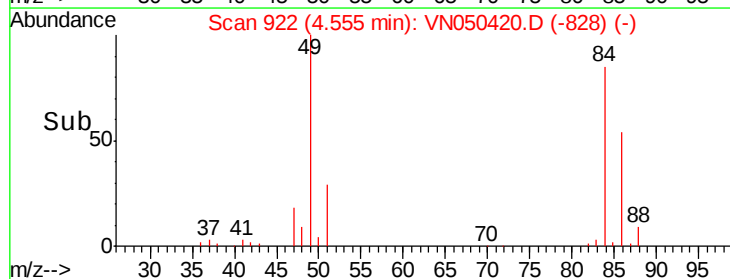
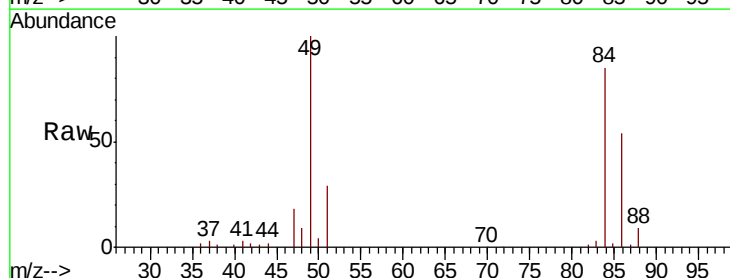
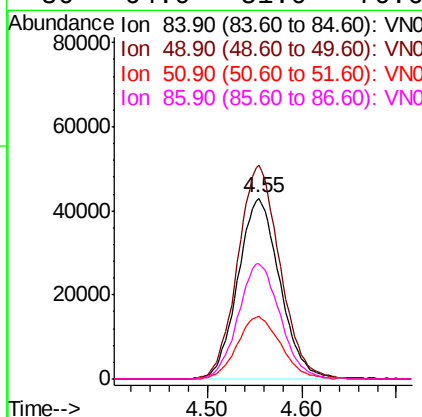
Instrument :
MSVOA_N
ClientSampled :
RBR200035

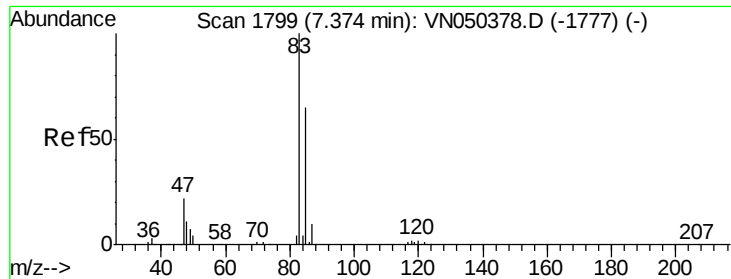
Tot Ion: 43 Resp: 15768
Ion Ratio Lower Upper
43 100
74 22.1 19.2 28.8



#20
Methylene Chloride
Concen: 15.11 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050420.D
Acq: 7 Aug 2018 7:10

Tgt Ion: 84 Resp: 132055
Ion Ratio Lower Upper
84 100
49 118.1 94.8 142.2
51 34.4 28.3 42.5
86 64.0 51.0 76.6

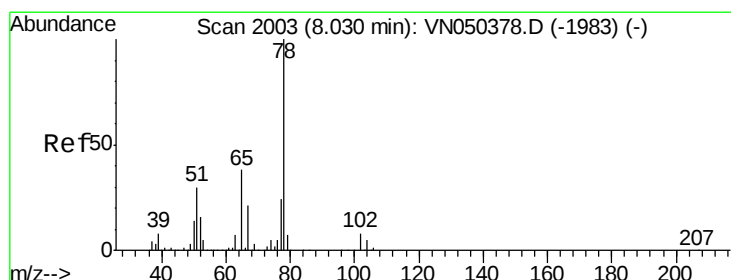
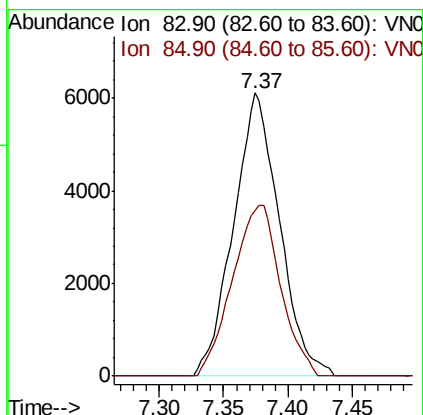
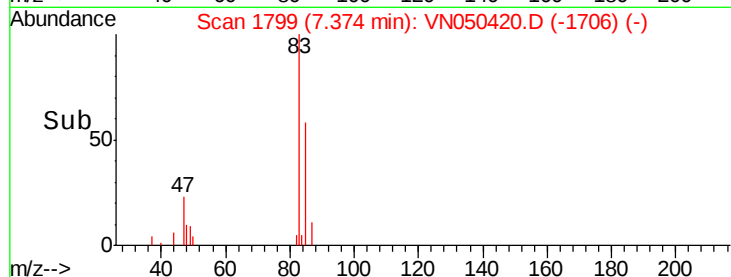
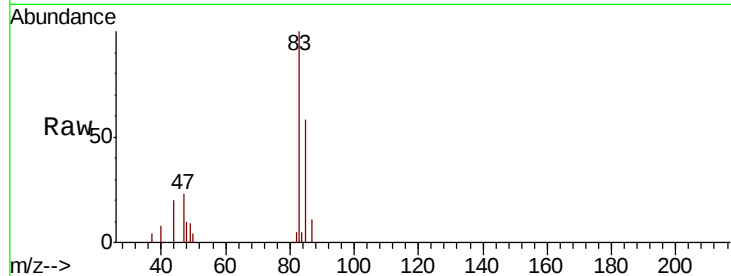




#30
Chloroform
Concen: 1.04 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN050420.D
Acq: 7 Aug 2018 7:10

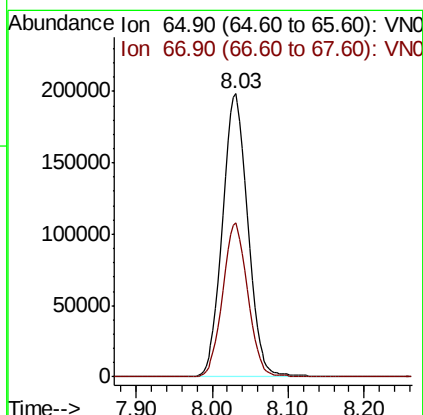
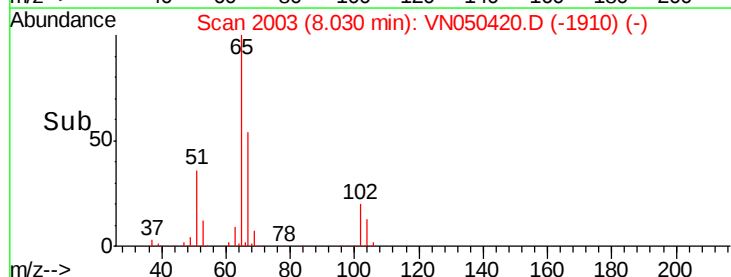
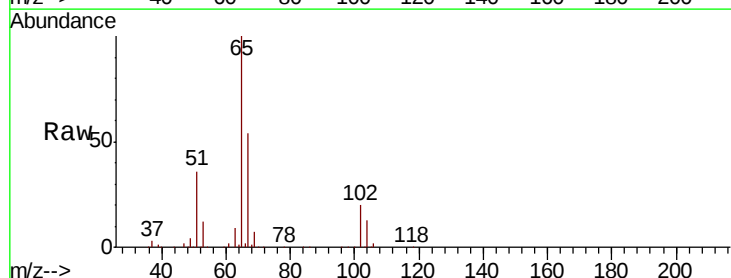
Instrument :
MSVOA_N
ClientSampleId :
RBR200035

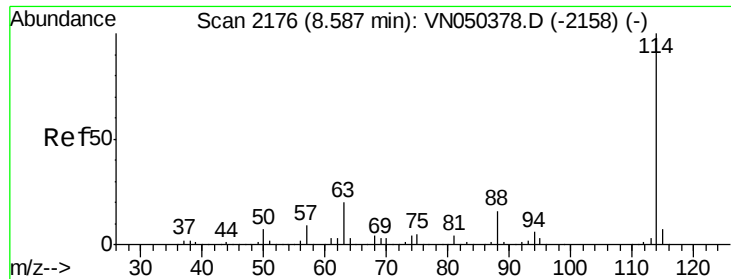
Tot Ion: 83 Resp: 15136
Ion Ratio Lower Upper
83 100
85 58.5 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 51.97 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050420.D
Acq: 7 Aug 2018 7:10

Tgt Ion: 65 Resp: 464764
Ion Ratio Lower Upper
65 100
67 53.4 0.0 108.4

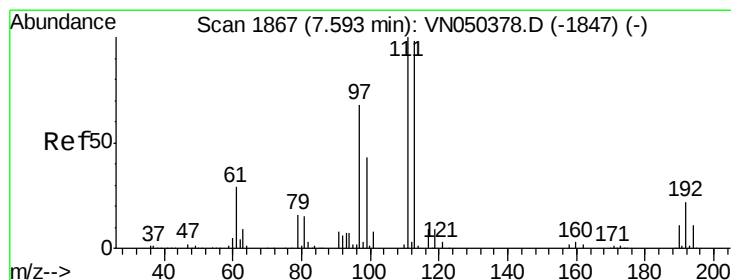
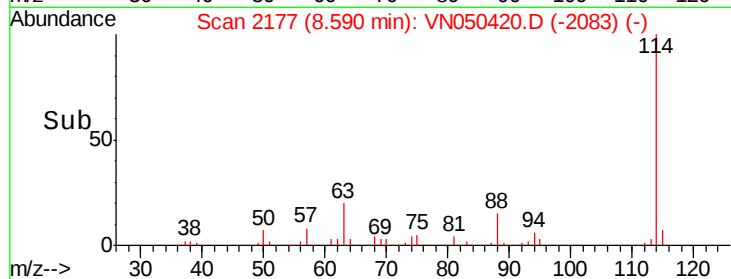
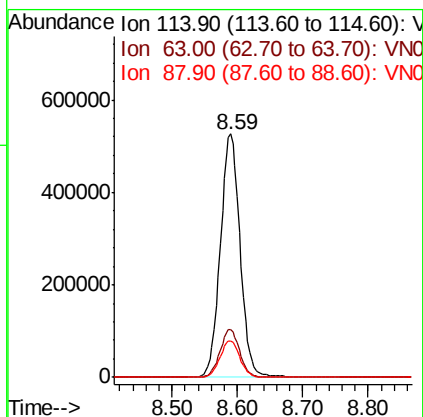
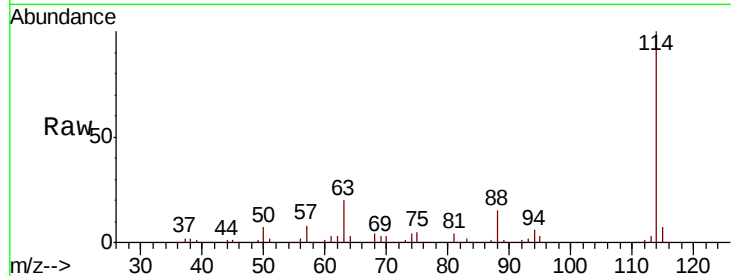




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050420.D
 Acq: 7 Aug 2018 7:10

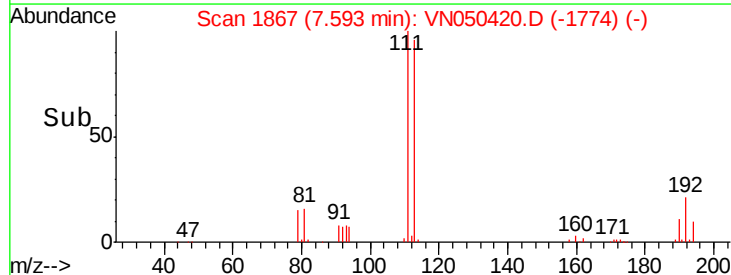
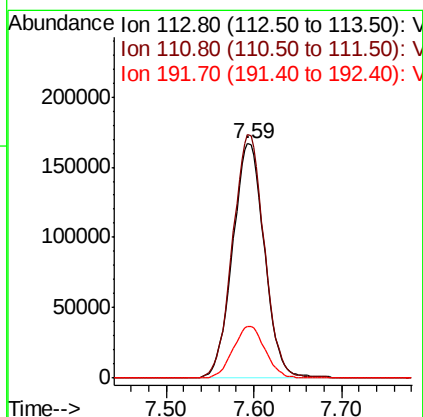
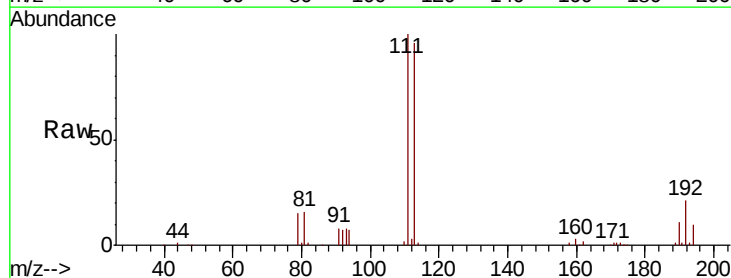
Instrument :
 MSVOA_N
 ClientSampleId :
 RBR200035

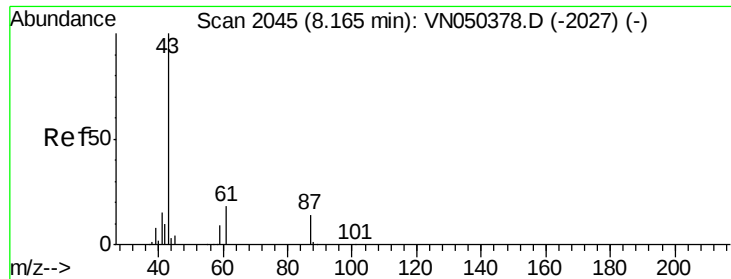
Tot Ion:114 Resp: 1105404
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 15.0 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 47.51 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050420.D
 Acq: 7 Aug 2018 7:10

Tgt Ion:113 Resp: 421366
 Ion Ratio Lower Upper
 113 100
 111 103.3 80.7 121.1
 192 22.1 17.8 26.6





#43

Isopropyl Acetate

Concen: 15.46 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050420.D

Acq: 7 Aug 2018 7:10

Instrument :

MSVOA_N

ClientSampleId :

RBR200035

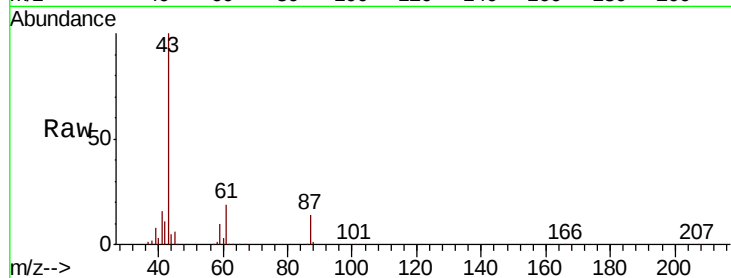
Tot Ion: 43 Resp: 233453

Ion Ratio Lower Upper

43 100

61 18.5 15.8 23.6

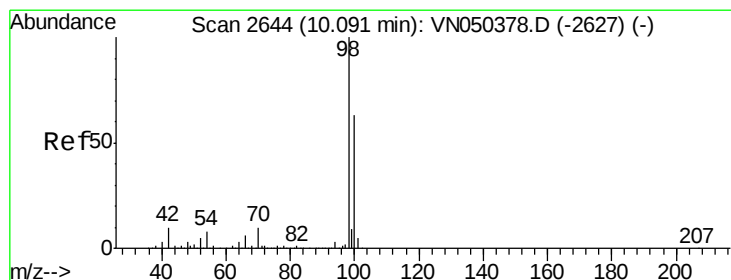
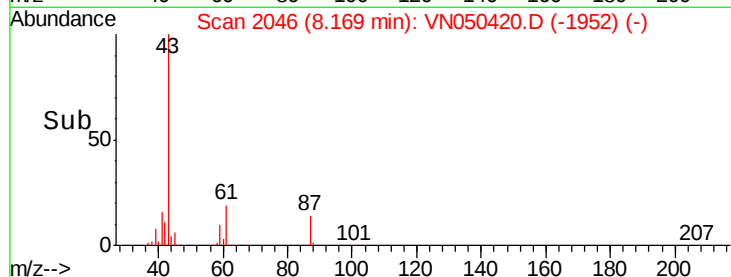
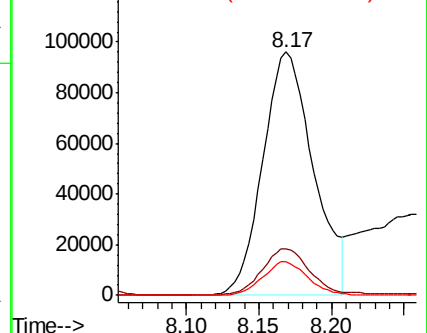
87 12.3 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VN050378.D (-2027) (-)

Ion 61.00 (60.70 to 61.70): VN050378.D (-2027) (-)

Ion 87.00 (86.70 to 87.70): VN050378.D (-2027) (-)



#50

Toluene-d8

Concen: 44.86 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050420.D

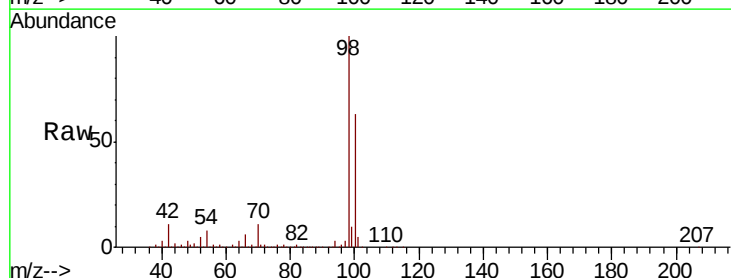
Acq: 7 Aug 2018 7:10

Tgt Ion: 98 Resp: 1495918

Ion Ratio Lower Upper

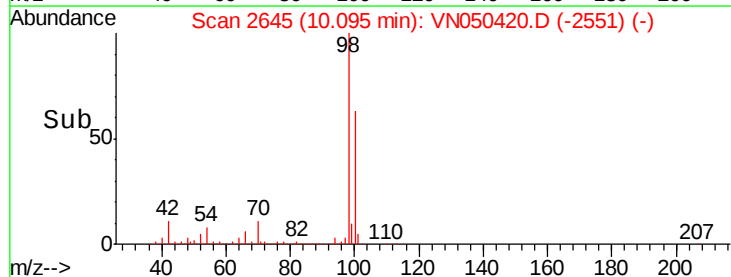
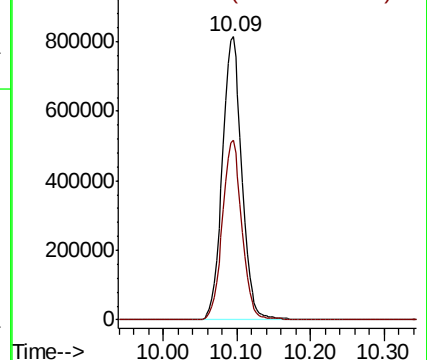
98 100

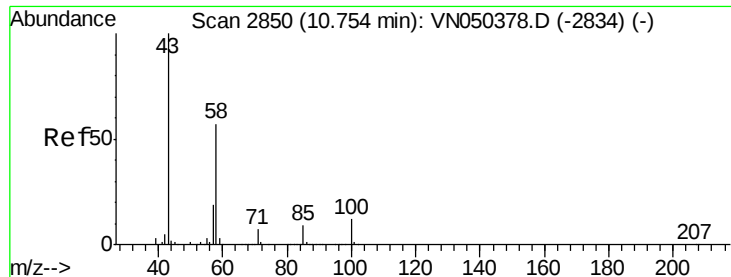
100 63.3 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN050378.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN050378.D (-2627) (-)





#59

2-Hexanone

Concen: 1.52 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050420.D

Acq: 7 Aug 2018 7:10

Instrument :

MSVOA_N

ClientSampleId :

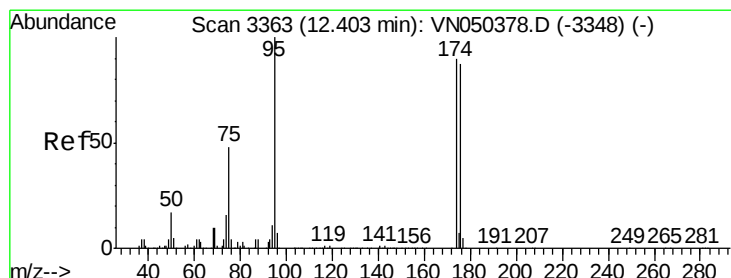
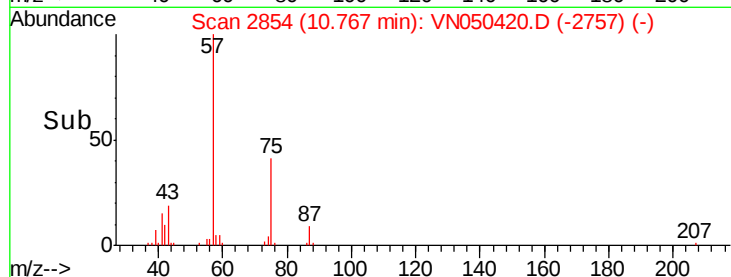
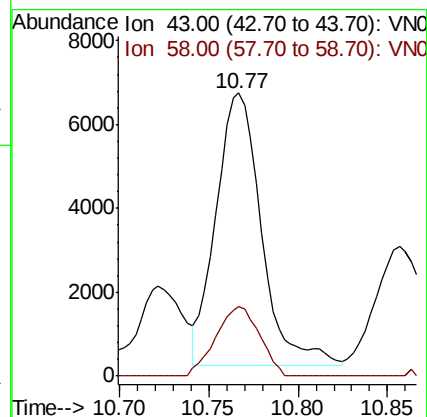
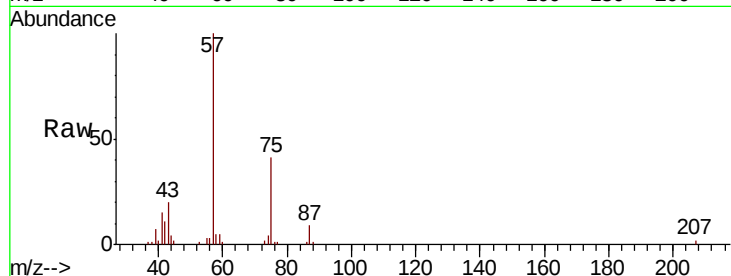
RBR200035

Tot Ion: 43 Resp: 11513

Ion Ratio Lower Upper

43 100

58 24.4 27.6 82.7#



#62

4-Bromofluorobenzene

Concen: 36.80 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050420.D

Acq: 7 Aug 2018 7:10

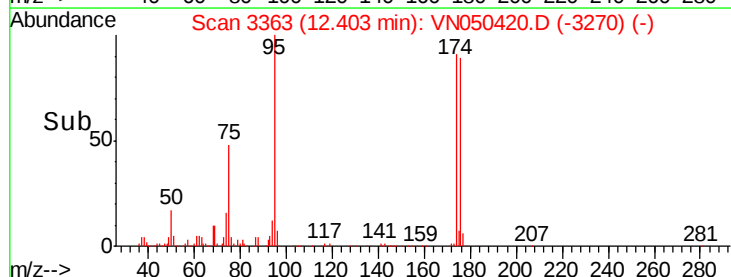
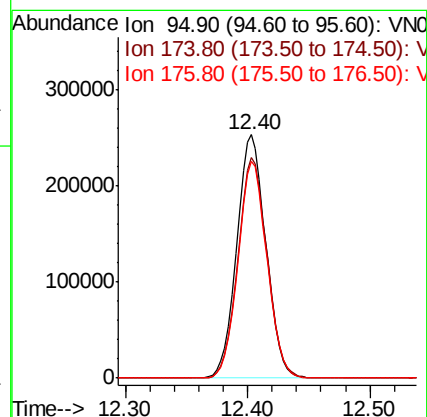
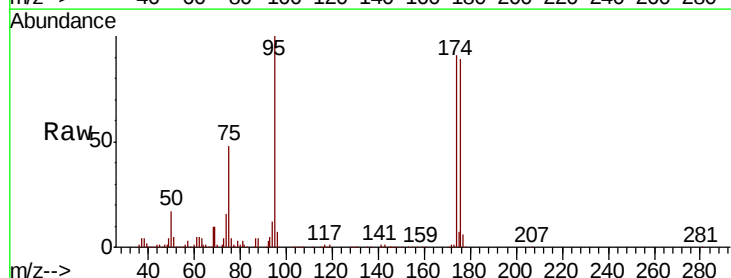
Tgt Ion: 95 Resp: 418273

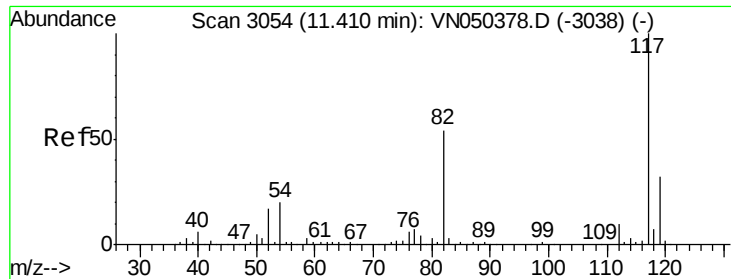
Ion Ratio Lower Upper

95 100

174 91.1 0.0 178.2

176 88.5 0.0 173.4

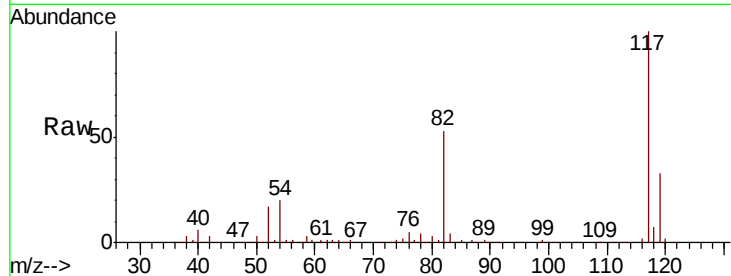




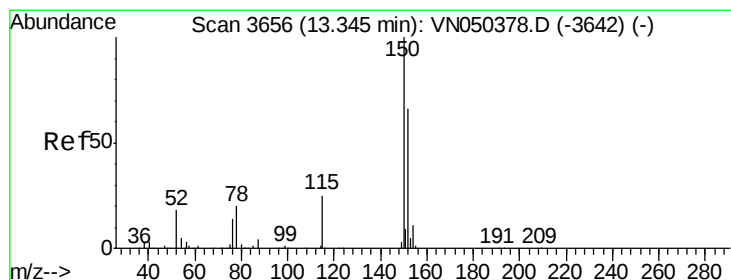
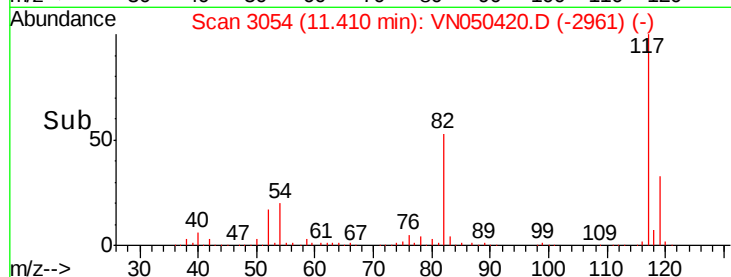
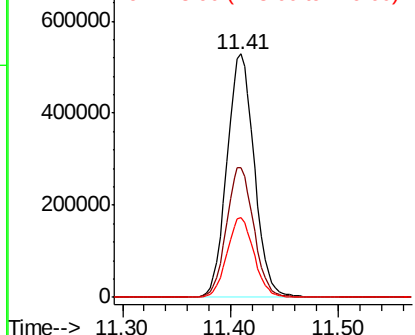
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050420.D
Acq: 7 Aug 2018 7:10

Instrument :
MSVOA_N
ClientSampleId :
RBR200035

Tot Ion:117 Resp: 934252
Ion Ratio Lower Upper
117 100
82 53.1 43.7 65.5
119 32.6 26.1 39.1

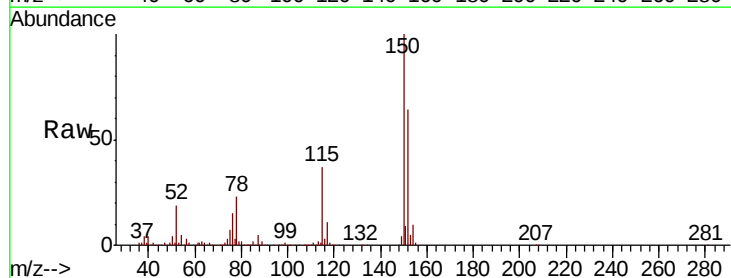


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

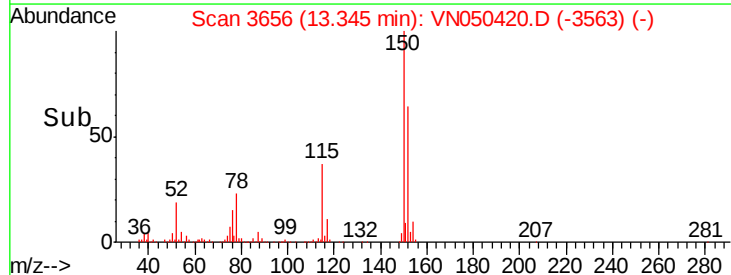
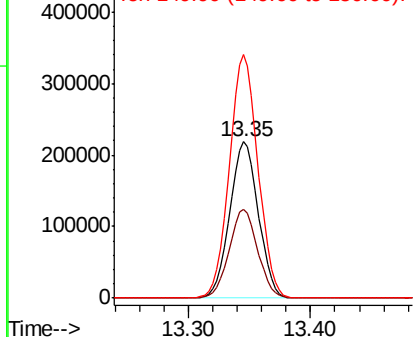


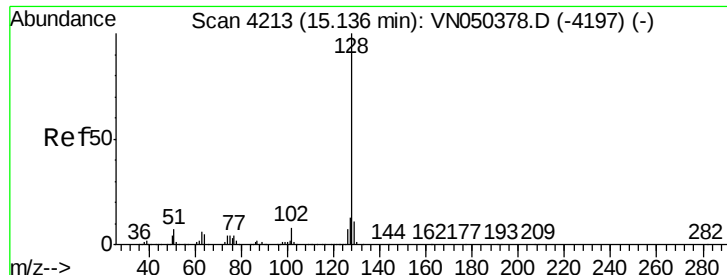
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050420.D
Acq: 7 Aug 2018 7:10

Tgt Ion:152 Resp: 356494
Ion Ratio Lower Upper
152 100
115 56.4 27.8 83.3
150 155.5 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

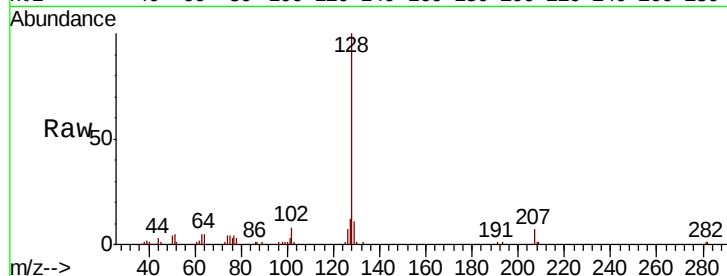




#95
 Naphthalene
 Concen: 7.44 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN050420.D
 Acq: 7 Aug 2018 7:10

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR200035

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.3	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

