

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072018\
 Data File : VN049996.D
 Acq On : 21 Jul 2018 7:50
 Operator : MD\SY
 Sample : J4062-42
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-10

Quant Time: Jul 23 01:11:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

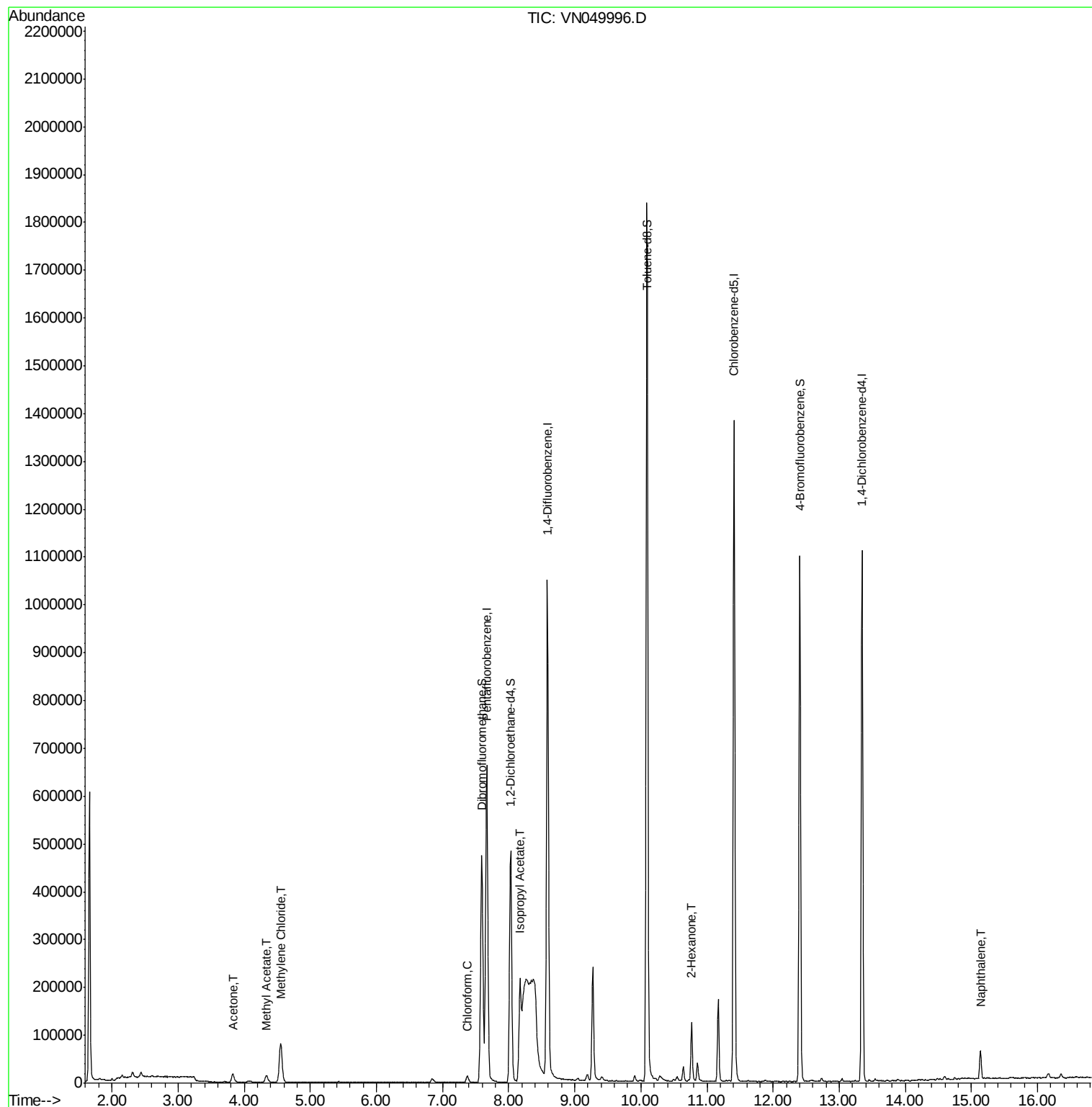
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	556330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	966296	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	827595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	311889	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	416960	54.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.06%	
35) Dibromofluoromethane	7.59	113	367353	45.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.56%	
50) Toluene-d8	10.09	98	1308270	44.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.52%	
62) 4-Bromofluorobenzene	12.40	95	368809	36.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.46%	
Target Compounds						
16) Acetone	3.83	43	29436	14.87	ug/l	90
18) Methyl Acetate	4.34	43	27181	3.60	ug/l	99
20) Methylene Chloride	4.55	84	63030	8.37	ug/l	99
30) Chloroform	7.37	83	14514	1.14	ug/l	99
43) Isopropyl Acetate	8.17	43	251650	19.52	ug/l	95
59) 2-Hexanone	10.77	43	16947	3.50	ug/l #	62
95) Naphthalene	15.13	128	51573	7.67	ug/l	98

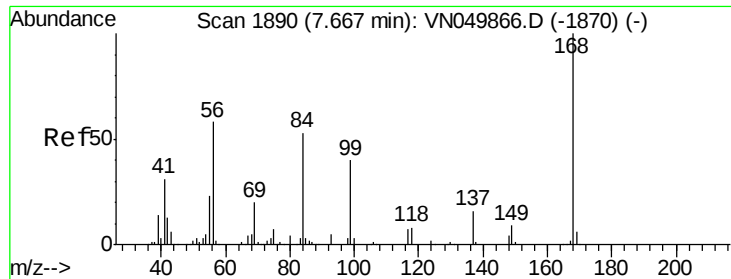
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 19 01:58:39 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049996.D

Acq: 21 Jul 2018 7:50

Instrument :

MSVOA_N

ClientSampled :

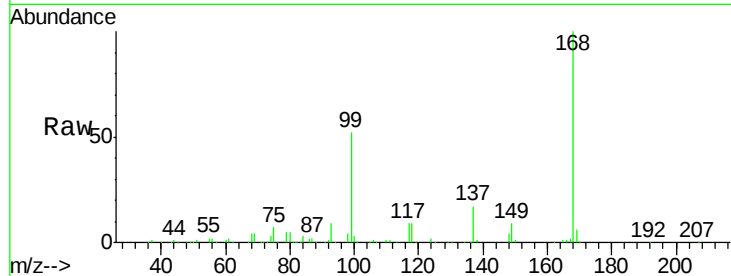
TP-10

Tot Ion:168 Resp: 556330

Ion Ratio Lower Upper

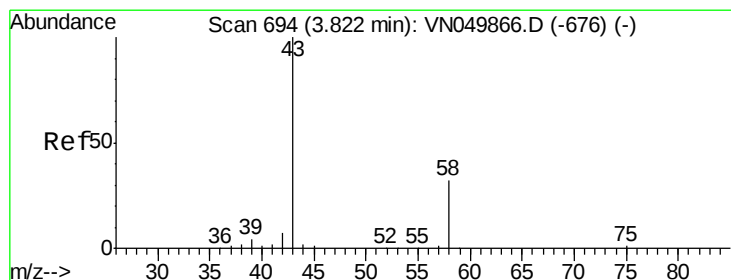
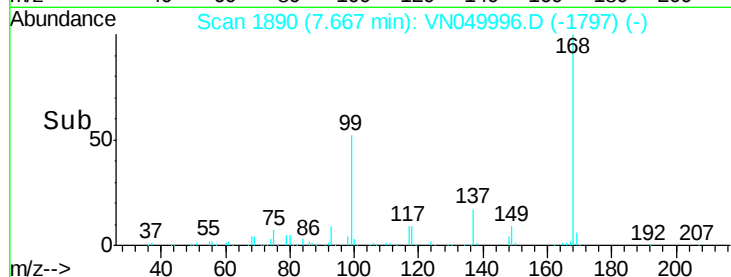
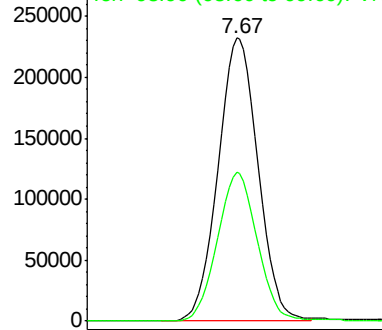
168 100

99 52.5 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 14.87 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049996.D

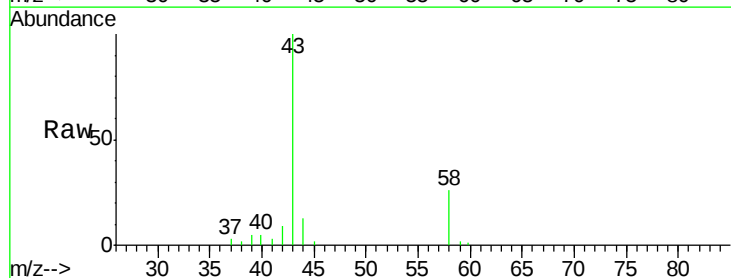
Acq: 21 Jul 2018 7:50

Tgt Ion: 43 Resp: 29436

Ion Ratio Lower Upper

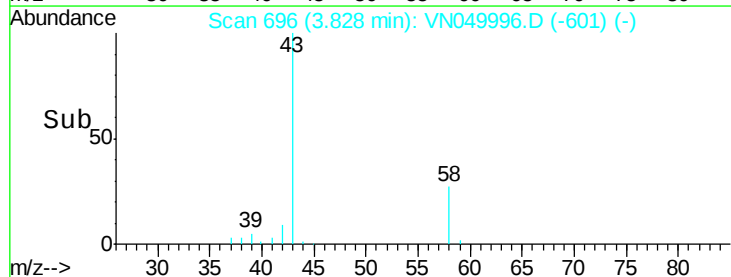
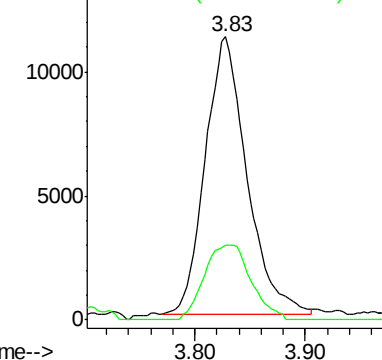
43 100

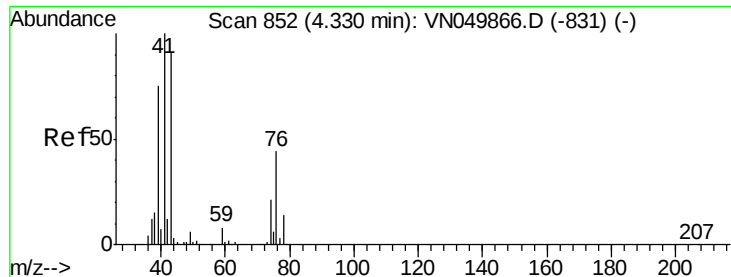
58 26.9 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

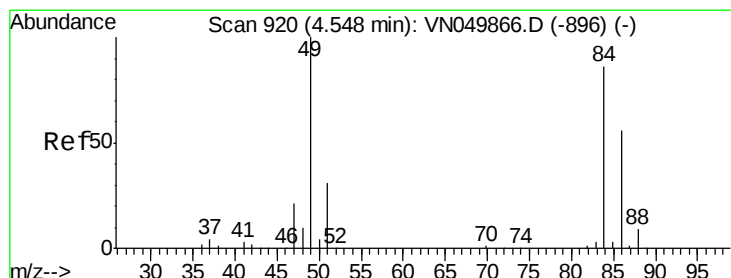
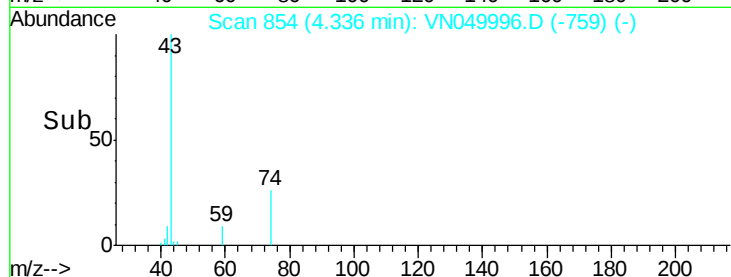
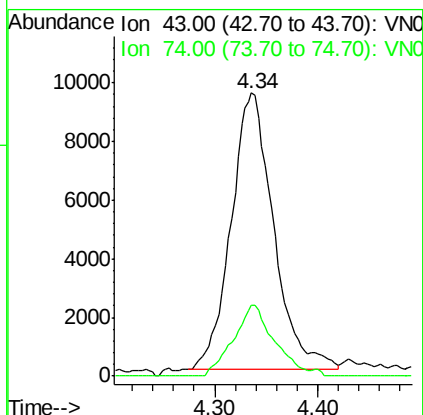
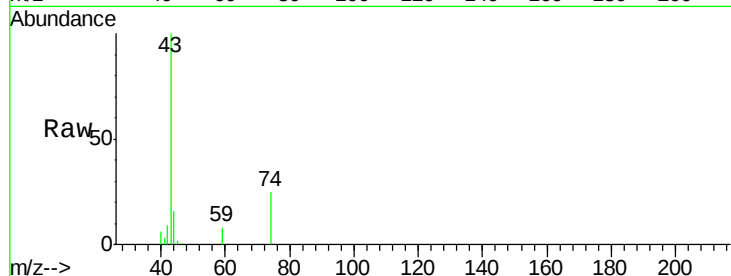




#18
Methvl Acetate
Concen: 3.60 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049996.D
Acq: 21 Jul 2018 7:50

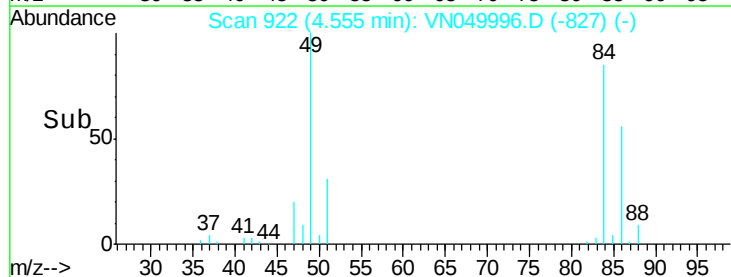
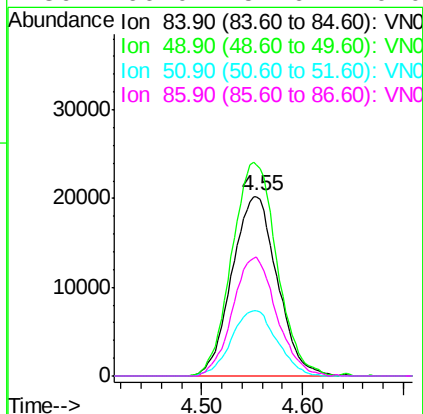
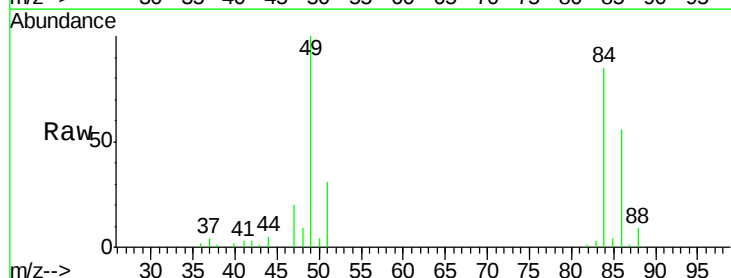
Instrument :
MSVOA_N
ClientSampled :
TP-10

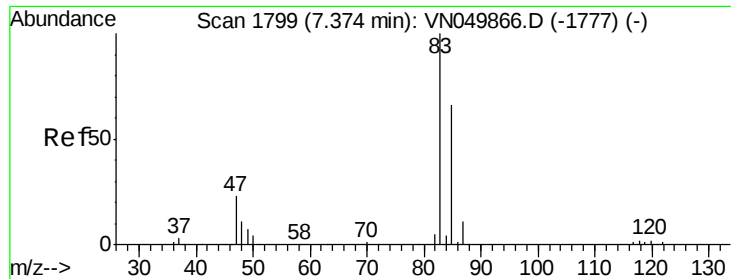
Tot Ion: 43 Resp: 27181
Ion Ratio Lower Upper
43 100
74 24.3 19.8 29.8



#20
Methylene Chloride
Concen: 8.37 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.01 min
Lab File: VN049996.D
Acq: 21 Jul 2018 7:50

Tgt Ion: 84 Resp: 63030
Ion Ratio Lower Upper
84 100
49 117.6 95.4 143.2
51 36.6 28.4 42.6
86 66.0 52.6 79.0

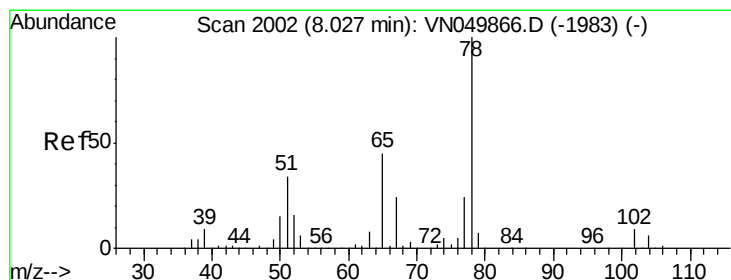
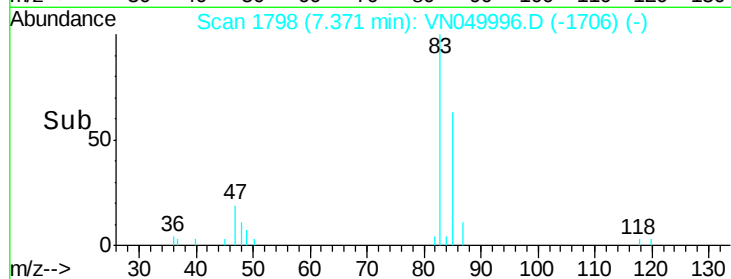
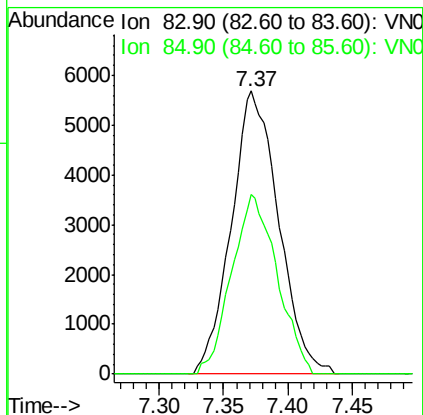
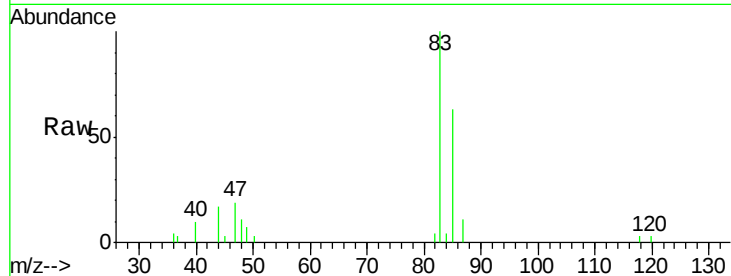




#30
Chloroform
Concen: 1.14 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN049996.D
Acq: 21 Jul 2018 7:50

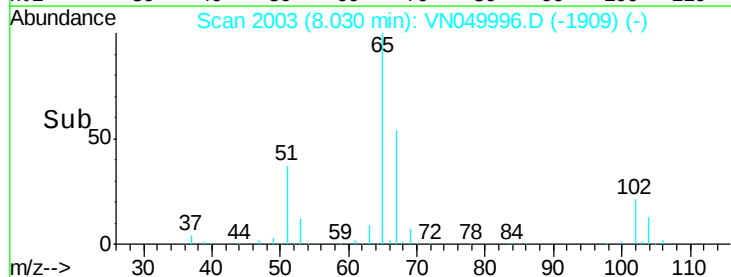
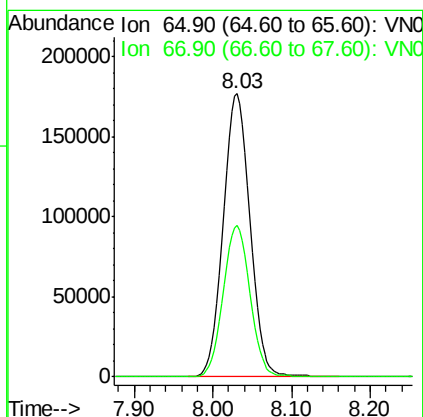
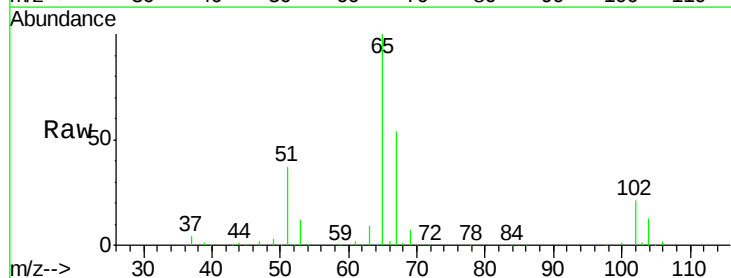
Instrument :
MSVOA_N
ClientSampled :
TP-10

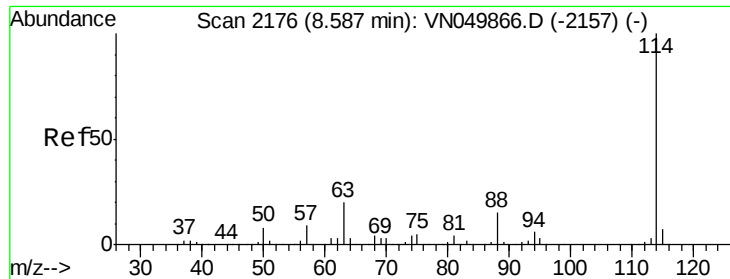
Tot Ion: 83 Resp: 14514
Ion Ratio Lower Upper
83 100
85 63.4 51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 54.53 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049996.D
Acq: 21 Jul 2018 7:50

Tgt Ion: 65 Resp: 416960
Ion Ratio Lower Upper
65 100
67 53.4 0.0 107.2

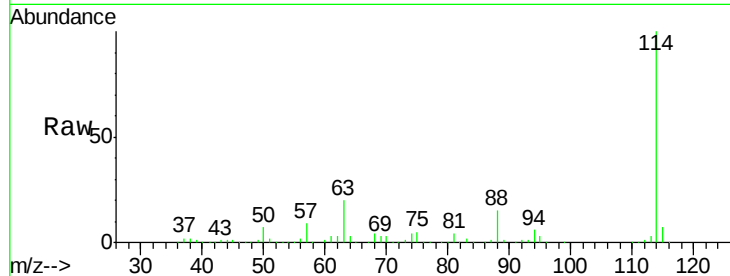




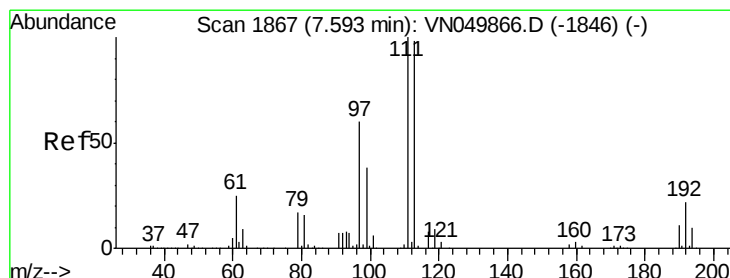
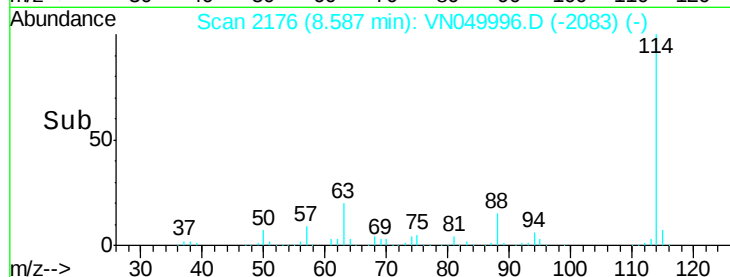
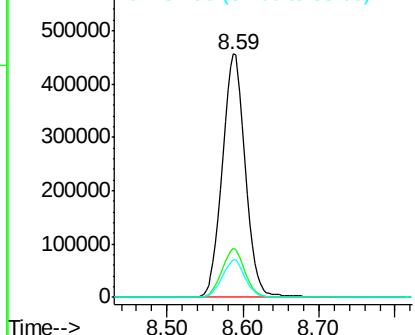
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049996.D
 Acq: 21 Jul 2018 7:50

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-10

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.8
88	15.4	0.0	30.6

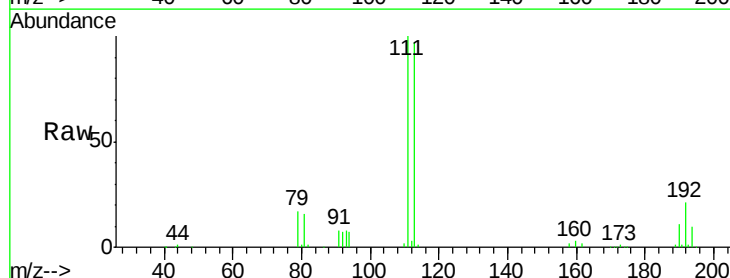


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

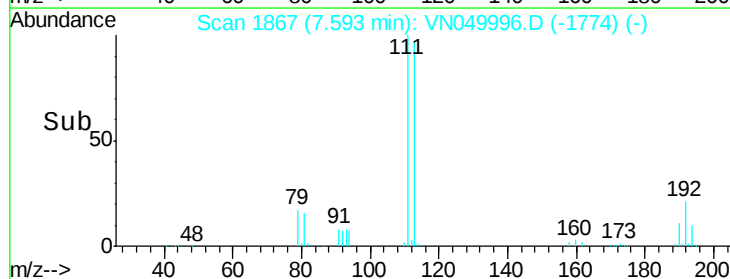
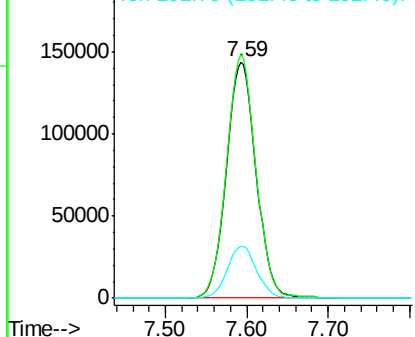


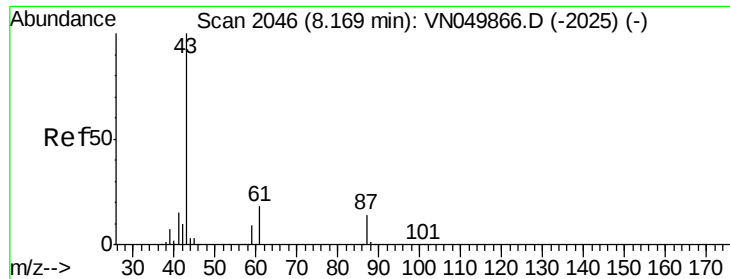
#35
 Dibromofluoromethane
 Concen: 45.28 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049996.D
 Acq: 21 Jul 2018 7:50

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.8	122.8
192	21.8	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



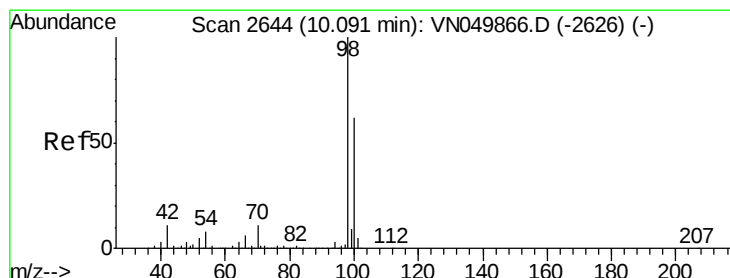
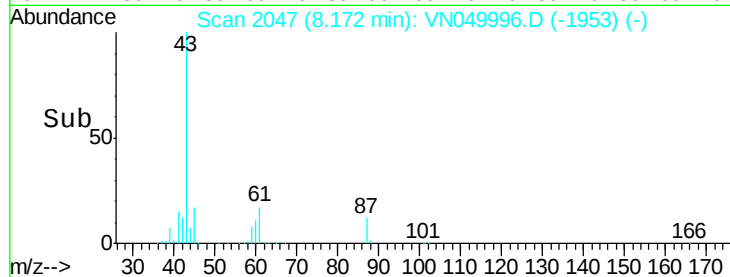
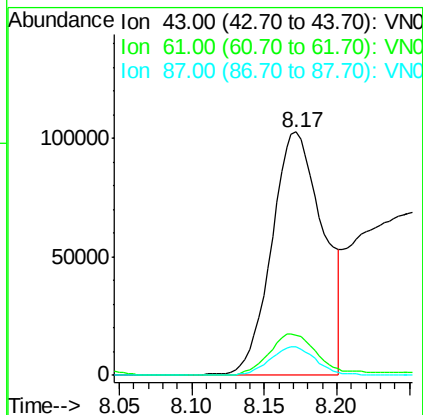
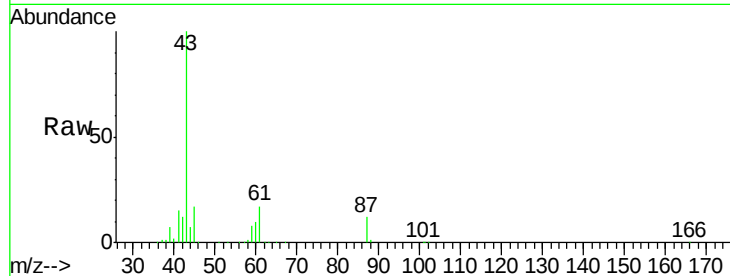


#43

Isopropyl Acetate
 Concen: 19.52 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN049996.D
 Acq: 21 Jul 2018 7:50

Instrument :
 MSVOA_N
 ClientSampled :
 TP-10

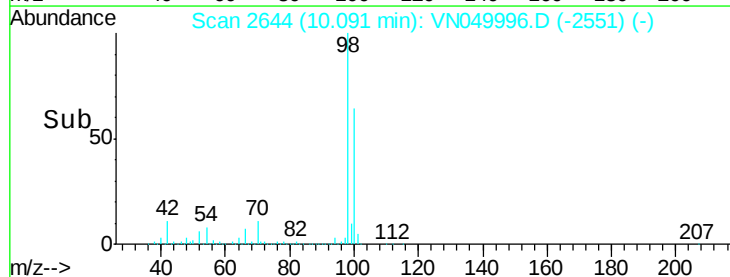
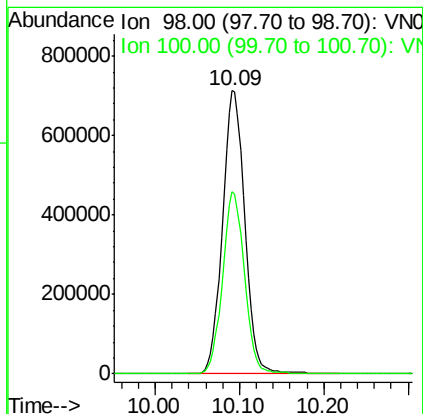
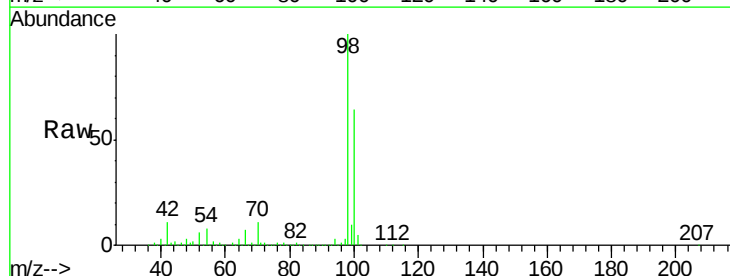
Tot Ion	43	Resp	251650
Ion Ratio	Lower	Upper	
43	100		
61	16.6	14.9	22.3
87	10.6	10.0	15.0

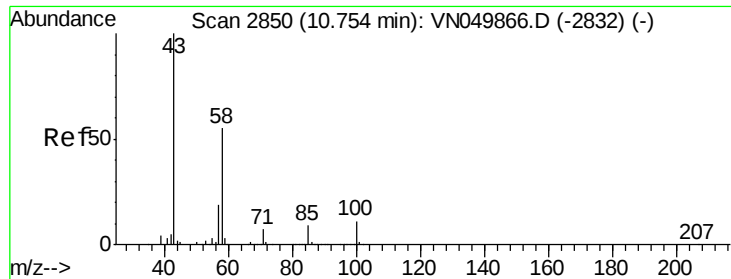


#50

Toluene-d8
 Concen: 44.26 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. 0.00 min
 Lab File: VN049996.D
 Acq: 21 Jul 2018 7:50

Tgt Ion	98	Resp	1308270
Ion Ratio	Lower	Upper	
98	100		
100	63.3	51.7	77.5





#59

2-Hexanone

Concen: 3.50 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN049996.D

Acq: 21 Jul 2018 7:50

Instrument :

MSVOA_N

ClientSampleId :

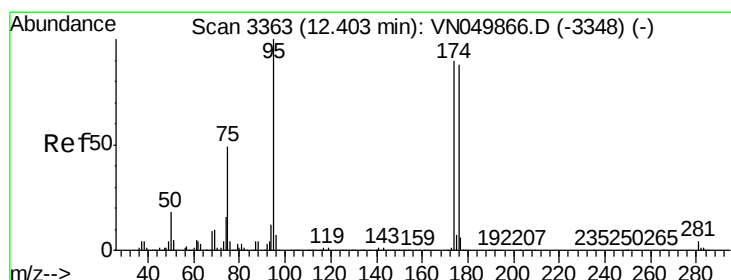
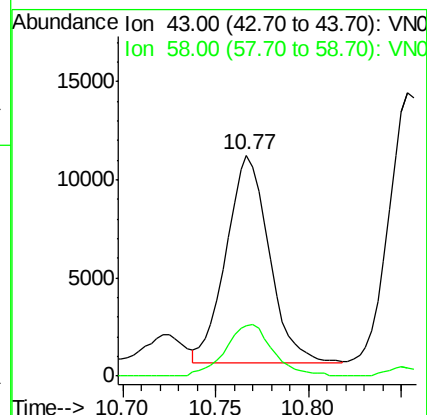
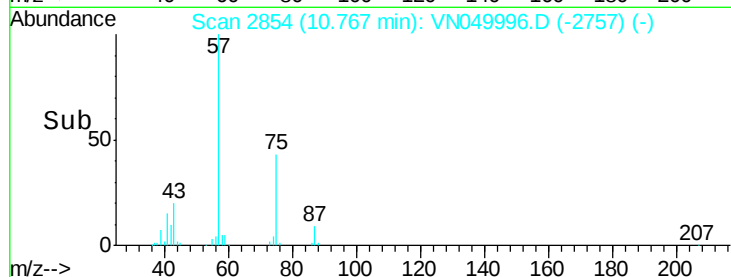
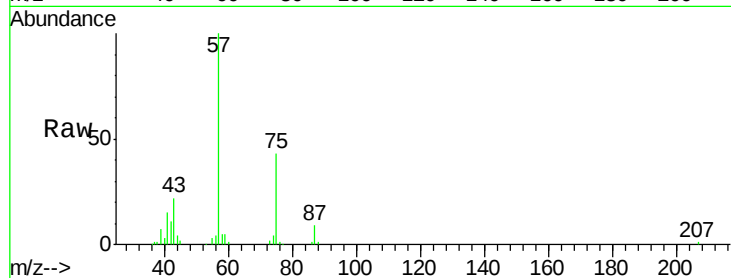
TP-10

Tot Ion: 43 Resp: 16947

Ion Ratio Lower Upper

43 100

58 27.7 27.8 83.4#



#62

4-Bromofluorobenzene

Concen: 36.23 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049996.D

Acq: 21 Jul 2018 7:50

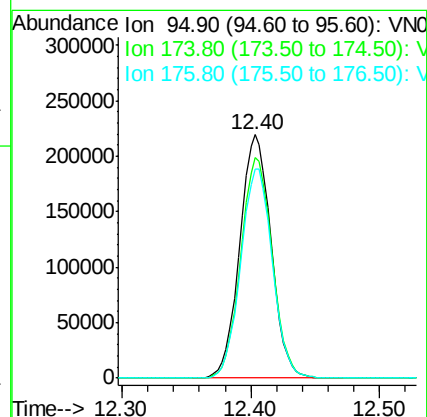
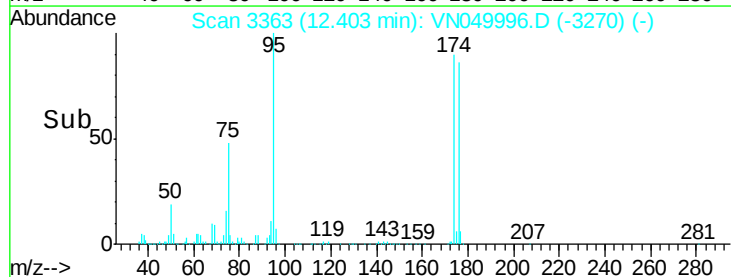
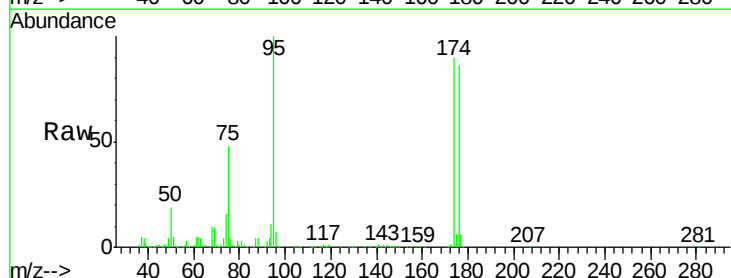
Tgt Ion: 95 Resp: 368809

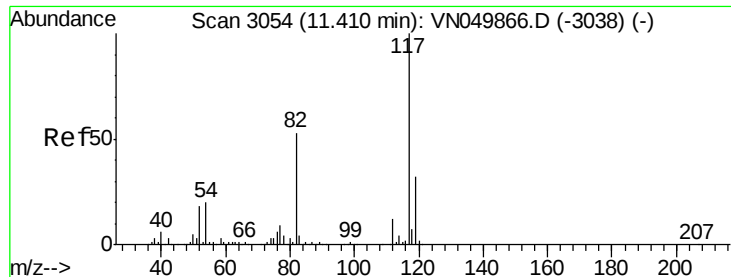
Ion Ratio Lower Upper

95 100

174 91.3 0.0 179.6

176 87.2 0.0 174.0

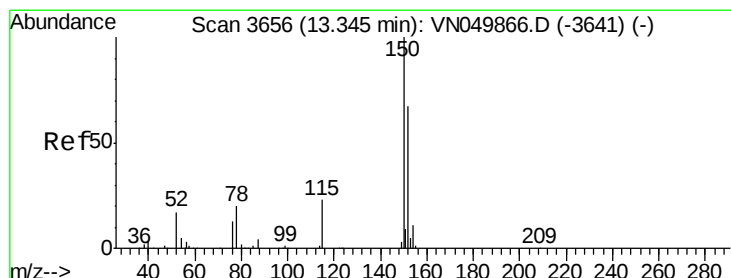
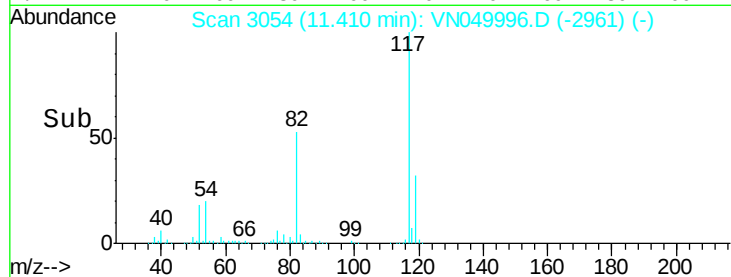
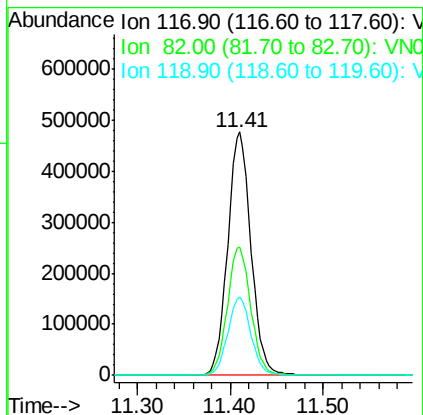
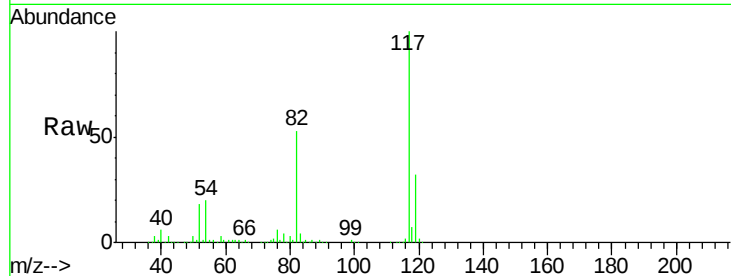




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049996.D
Acq: 21 Jul 2018 7:50

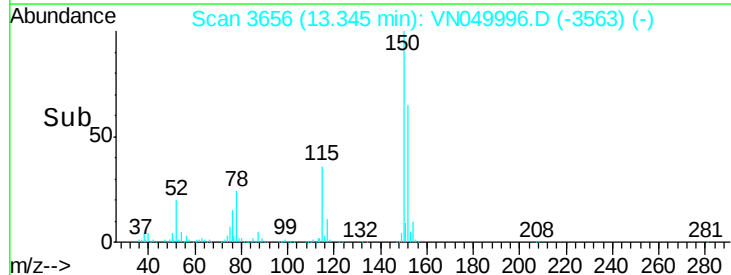
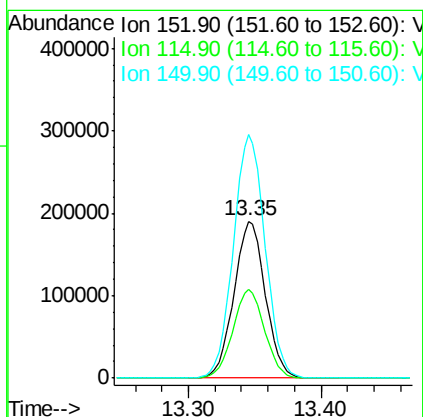
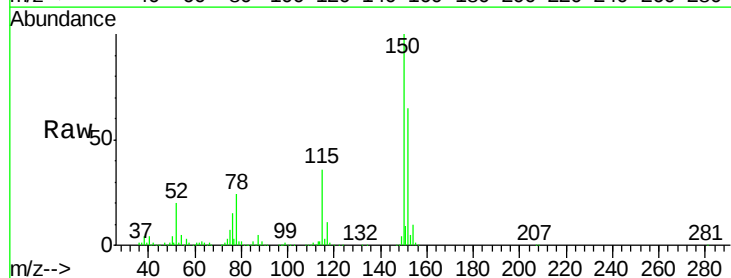
Instrument :
MSVOA_N
ClientSampleId :
TP-10

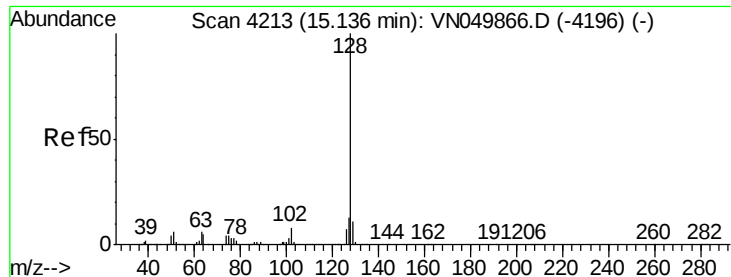
Tot Ion:117 Resp: 827595
Ion Ratio Lower Upper
117 100
82 52.8 41.9 62.9
119 32.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN049996.D
Acq: 21 Jul 2018 7:50

Tgt Ion:152 Resp: 311889
Ion Ratio Lower Upper
152 100
115 56.9 28.1 84.2
150 156.9 0.0 347.6

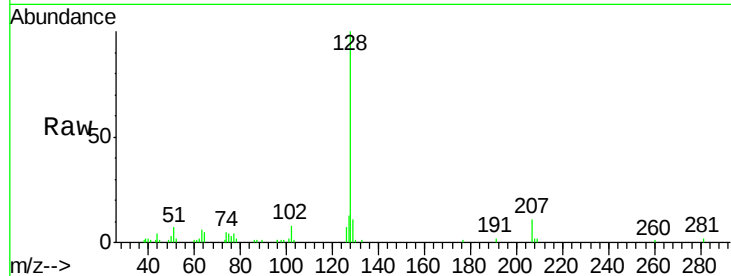




#95
Naphthalene
Concen: 7.67 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN049996.D
Acq: 21 Jul 2018 7:50

Instrument :
MSVOA_N
ClientSampleId :
TP-10

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.4	15.6
129	11.1	8.6	13.0



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

